


NEW
EDITION

Diversion, Infra-Structure, The Runner, Net,
 Zero Track, The Fast Track, The Track, Net,
 The Tracking Power, Light Cut Mini, Mo...e, Led
 Squad, In Infinity, Super Line, Super Flat, Light Bell,
 Light Shadow, The Black Line, Circle Of Light, Led
 Curtain, Ut Pro Surface, Kap Surface, Tubular Bells,
 Compass Box, Thin Led, Fort Knox Wall, Wall System,
 G-O, TheBlockofLight, Giano, Box, Free Sixty, Bon
 Jour, Kan, Light Shooter, Light Sniper, Light Supply,
 Ut Downlight, Downlight, Compass, Anthony
 Downlight, Wan Downlight, Light Soldier, Decofix,
 Johnny, Compass Box, Recessed, Battery, Micro
 Battery, Neutron, Ut Spot, Solid Pure, Pure Spot, and
 Me, Wan Spot, Fort Knox, Lightlight[®], Wall Rupture,
 Softprofile, Kaprofile, Lightlight[®] In System Profile,
 Juncos, Wall Piercing, Soft Spun, Abajourd'hui, Us1
 Pluto, Uso Boob, Us1 Out, Us1 30 Disk, Apps, G-O In,
 Teardrop, Uso, Uso Cove Lighting, Round, Square &
 Vertical Light, Usb Round & Square Light.

FRANÇAIS / ENGLISH

FLOS
ARCHITECTURAL

FLOS ARCHITECTURAL LIGHTING



Notre produit évoluant constamment,
les données techniques sont susceptibles de modifications.
Ce marqueur apparaît sur les produits mis à jour.

Our products are constantly evolving,
thus the technical data are subject to changes.
This marker appears alongside updated products.

FLOS

LIGHT STRUCTURES

10 – Diversion



22 – Infra-Structure



36 – Zero Track



50 – The Fast Track



58 – The Running Magnet



78 – The Tracking Magnet



98 – The Tracking Power



110 – In-Finity



120 – LED Squad /
LED Squad Mini



126 – Light Cut Mini



132 – Moonline



HIGH COMFORT

138 – Light Shadow



184 – The Black Line



190 – Circle of Light



194 – LED Curtain



DOWNLIGHTS

200 – Kap



284 – Free Sixty



286 – Bon Jour



290 – Light Shooter



298 – Light Sniper



306 – UT Downlight



312 – Light Supply



324 – Pure Downlight



DOWNLIGHTS

330 – Compass



336 – Anthony Downlight



338 – Wan Downlight



340 – Light Soldier



344 – Decofix



348 – Johnny



360 – Compass Box Recessed



364 – Battery



372 – Micro Battery



UPLIGHTS

376 – Neutron



SPOTLIGHTS

386 – Find Me



392 – UT Spot



SPOTLIGHTS

408 – Solid Pure



422 – Pure Spot



434 – Wan Spot



436 – Fort Knox



440 – LightLight®



CEILING / WALL

476 – UT Pro Surface



480 – Kap Surface / Suspension



492 – Tubular Bells



496 – Compass Box



502 – Super Line



506 – Super Flat



514 – Light Bell



518 – Fort Knox Wall LED /
Fort Knox Wall LED Mini



CEILING / WALL

520 – Thin LED



522 – Wall System



528 – G-O



530 – TheBlockofLight



532 – Giano



534 – Box



538 – FAST&PERFECT



540 – TRACKS

546 – DRIVERS

552 – LIGHT SOURCES

554 – TECHNICAL INFORMATION

SOFT – LINEAR

565 – Wall Rupture



566 – Softprofile



568 – Kapprofile



568 – LightLight® In System Profile



SOFT – 3D

575 – Juncos



577 – Wall Piercing



581 – Soft Spun



582 – Abajourd'Hui



583 – USL Pluto



SOFT – OUT

587 – USO Boob



589 – USL Out



591 – USL 900 Disk On



SOFT – IN

595 – APPS



597 – G-O IN



597 – Teardrop



598 – USO



602 – USO Cove Lighting



605 – Round Light



606 – Square Light



606 – Vertical Light



607 – USB Round



608 – USB Square



614 – QUICK SEARCH OF PRODUCT

630 – DISTRIBUTION

LIGHT STRUCTURES

Diversion, Infra-Structure, Zero Track,
The Fast Track, The Running Magnet,
The Tracking Magnet, The Tracking Power,
In-Finity, LED Squad,
Light Cut Mini, Moonline.

DIVERSION

DESIGNED BY PIERO LISSONI



Surface/Suspension Profiles

<input type="checkbox"/> 40 Blanc	<input type="checkbox"/> 1A Anodic Ice	<input type="checkbox"/> 14 Noir	<input type="checkbox"/> CZ Bronze
<input type="checkbox"/> 40 White	<input type="checkbox"/> 1A Anodic Ice	<input type="checkbox"/> 14 Black	<input type="checkbox"/> CZ Bronze

LIGHT MODULES STRUCTURES

DOWN	UP&DOWN	DOWN + SPOTS	UP&DOWN + SPOTS
LIGHT SOURCE TOP LED 13,5W/m 1540 lm/m 2700K/CRI 90 3000K/CRI 90	LIGHT SOURCE TOP LED 20,5W/m 2284 lm/m 2700K/CRI 90 3000K/CRI 90	LIGHT SOURCE TOP LED 11W/m 1255 lm/m 2700K/CRI 90 3000K/CRI 90	LIGHT SOURCE TOP LED 18W/m 1999 lm/m 2700K/CRI 90 3000K/CRI 90

LIGHT MODULES

ATOM 90	ATOM 120
LIGHT SOURCE POWER LED 5,5W 450 lm 2700K/CRI 90 485 lm 3000K/CRI 90	LIGHT SOURCE POWER LED 8W 635 lm 2700K/CRI 90 680 lm 3000K/CRI 90

Description

Ce système de profilés novateur, pour installation en surface et suspendu, est caractérisé par sa flexibilité extraordinaire. Les profilés disposent d'un éclairage intégré, direct et indirect, et vous avez la possibilité de compléter chaque profilé avec deux spots pour un éclairage d'accentuation et de détail. Les spots disponibles pour ce système font partie de la famille ATOM, également désignée par Piero Lissoni.

La pièce clé du système est la rotule d'alimentation et d'union entre les profilés, laquelle permet de réaliser des unions à 360° tous les 45°, ce qui permet de connecter jusqu'à 8 profilés à la même rotule. De cette façon, le système offre une infinité de combinaisons permettant de réaliser presque n'importe quel type de composition souhaitée et garanti l'adaptation à différents espaces architectoniques.

Profilés en aluminium extrudé, avec des longueurs entre 1 mètre et 2,5 mètres, et des finitions en blanc, noir, anodique et bronze.

Système Optique

- Profilé linéaire down - émission directe : General Lighting.
- Profilé linéaire up&down - émission directe/indirecte : General Lighting.
- Profilé linéaire down + 2 spots - émission directe et d'accentuation : General Lighting, Spot, Medium.
- Profilé linéaire up&down + 2 spots - émission directe/indirecte et d'accentuation : General Lighting, Spot, Medium.

Unité d'Alimentation

Le système ne peut être alimenté que par une unité d'alimentation à distance, non incluse dans les profilés. Les drivers recommandés peuvent être alimentés entre 90 et 305Vac et doivent se commander séparément.

Système de Réglage

Système régulé par driver 1-10V, DALI ou CASAMBI. Système de contrôle broadcast. Le réglage de la version up&down se fait simultanément ; il n'est pas possible de rendre indépendante l'émission supérieure de l'inférieure.

Informations Complémentaires

Système électrique alimenté en 24Vdc et limité à un courant maximal de 5 A et 120 W.
Indice de protection IP20.
Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

This innovative profile system for surface and suspended installation is characterized by its high flexibility. Profiles are equipped with integrated lighting available in direct and indirect emission with the possibility of adding two spots in order to combine accent and detail lighting. The spotlights available for this system are part of the ATOM family designed by Piero Lissoni. The key part of the system is the joint for powering and joining profiles together, which allows to create configurations in 360°, every 45°, as well as to easily connect up to 8 profiles to the same joint piece. Herewith, the system offers an endless number of combinations. It can be composed to create any imaginable structure and can be adapted to different architectural spaces.

System of extruded aluminum profiles from 1m up to 2.5m in white, black, anodized and bronze finish.

Optic system

- Down linear profile - direct light output: General lighting.
- Up&down linear profile - direct/indirect light output: General lighting.
- Down linear profile + 2 spots - direct light output and accent lighting: General lighting, Spot, Medium.
- Up&down linear profile + 2 spots - direct/indirect light output and accent lighting: General lighting, Spot, Medium.

Power Supply

The system can be powered by a remote power supply which is not included. Recommended drivers can be fed between 90 and 305Vac and must be ordered separately.

Regulation System

System controlled by 1-10V, DALI or CASAMBI. Broadcast control system. Broadcast control system. The light dimming for the up&down version can only happen simultaneously. The upper and lower emission cannot be controlled individually.

Additional Information

Electrical system powered at 24Vdc and limited to a maximum current of 5A and a maximum power of 120W. IP20 protection grade. Suitable for installation on normally inflammable surfaces.

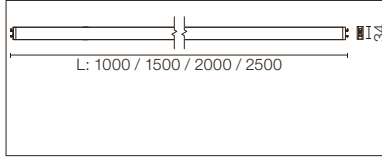
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

DIVERSION – LIGHT MODULES STRUCTURES

Diversion Down

Light Source: Top LED 13,5 W/m - 1540 lm/m - 2700K/CRI 90 - 3000K/CRI 90



Profilé électromécanique d'intérieur, avec éclairage linéaire direct intégré, pour être installé en surface ou suspendu. Avec des longueurs de 1 à 2,5 mètres. Avec fixation par kit d'alimentation avec rotule.

Le kit d'alimentation et la rotule mécanique sont à commander séparément.

Système réglé par driver 1-10V, DALI ou CASAMBI. Système de contrôle broadcast. Dimmer non inclus.

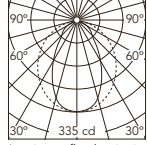
Electro-mechanical profile for indoor application with integrated direct linear light element for surface or suspended installation. Lengths from 1 to 2.5m. Fixation with a joint with power kit. Power kit and mechanical joint must be ordered separately.

System controlled by 1-10V driver, DALI or CASAMBI. Broadcast control system. Dimmer not included.

2700K

L: 1000 mm -13,5W - 1540 lm

- 09.8000.40
- 09.8000.1A
- 09.8000.14
- 09.8000.CZ



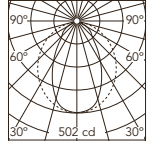
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	335	1.21
2	84	2.41
3	37	3.62
4	21	4.82
5	13	6.03

Luminous flux lumineaire 634 lm

L: 1500 mm - 20,5W - 2310 lm

- 09.8002.40
- 09.8002.1A
- 09.8002.14
- 09.8002.CZ



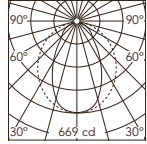
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	502	1.21
2	125	2.41
3	56	3.62
4	31	4.82
5	20	6.03

Luminous flux lumineaire 951 lm

L: 2000 mm - 27,5W - 3080 lm

- 09.8004.40
- 09.8004.1A
- 09.8004.14
- 09.8004.CZ



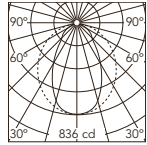
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	669	1.21
2	167	2.41
3	74	3.62
4	42	4.82
5	27	6.03

Luminous flux lumineaire 1267 lm

L: 2500 mm - 34,5W - 3850 lm

- 09.8006.40
- 09.8006.1A
- 09.8006.14
- 09.8006.CZ



Beam Angle: 62°

h(m)	E(lx)	D(m)
1	836	1.21
2	209	2.41
3	93	3.62
4	52	4.82
5	33	6.03

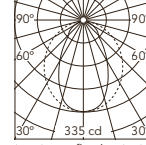
Luminous flux lumineaire 1584 lm

@White (40)

3000K

L: 1000 mm -13,5W - 1540 lm

- 09.8001.40
- 09.8001.1A
- 09.8001.14
- 09.8001.CZ



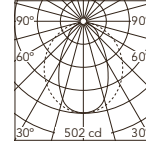
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	335	1.21
2	84	2.41
3	37	3.62
4	21	4.82
5	13	6.03

Luminous flux lumineaire 634 lm

L: 1500 mm - 20,5W - 2310 lm

- 09.8003.40
- 09.8003.1A
- 09.8003.14
- 09.8003.CZ



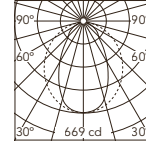
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	502	1.21
2	125	2.41
3	56	3.62
4	31	4.82
5	20	6.03

Luminous flux lumineaire 951 lm

L: 2000 mm - 27,5W - 3080 lm

- 09.8005.40
- 09.8005.1A
- 09.8005.14
- 09.8005.CZ



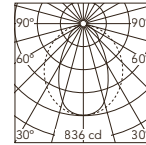
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	669	1.21
2	167	2.41
3	74	3.62
4	42	4.82
5	27	6.03

Luminous flux lumineaire 1267 lm

L: 2500 mm - 34,5W - 3850 lm

- 09.8007.40
- 09.8007.1A
- 09.8007.14
- 09.8007.CZ



Beam Angle: 62°

h(m)	E(lx)	D(m)
1	836	1.21
2	209	2.41
3	93	3.62
4	52	4.82
5	33	6.03

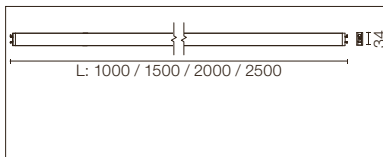
Luminous flux lumineaire 1584 lm

@White (40)

DIVERSION – LIGHT MODULES STRUCTURES

Diversion Up&Down

Light Source: Top LED 20,5 W/m - 744 lm/m UP - 1540 lm/m DOWN - 2700K/CRI 90 - 3000K/CRI 90



Profilé électromécanique d'intérieur, avec éclairage linéaire direct et indirect intégré, pour être installé en surface ou suspendu. Avec des longueurs de 1 à 2,5 mètres. Avec fixation par kit de suspension alimenté et suspendu par une rotule. Le kit d'alimentation et la rotule mécanique sont à commander séparément. Système réglé par driver 1-10V, DALI ou CASAMBI. Système de contrôle broadcast. Dimmer non inclus.

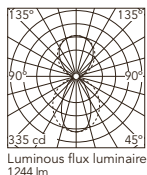
Electro-mechanical profile for indoor application with integrated direct and indirect linear light element for surface or suspended installation. Lengths from 1 to 2,5m. Fixation by fed suspension kit and suspended by a joint. Power kit and mechanical joint must be ordered separately. System controlled by 1-10V driver, DALI or CASAMBI. Broadcast control system. Dimmer not included.



2700K

L: 1000 mm - 20,5W
744 lm UP - 1540 lm DOWN

- 09.8010.40
- 09.8010.1A
- 09.8010.14
- 09.8010.CZ



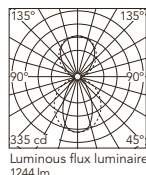
Beam Angle DIR: 62°			
h(m)	E(lx)	D(m)	
1	335	1.21	
2	84	2.41	
3	37	3.62	
4	21	4.82	
5	13	6.03	

Luminous flux luminaire 1244 lm

3000K

L: 1000 mm - 20,5W
744 lm UP - 1540 lm DOWN

- 09.8011.40
- 09.8011.1A
- 09.8011.14
- 09.8011.CZ

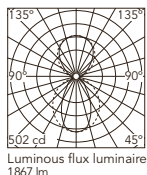


Beam Angle DIR: 62°			
h(m)	E(lx)	D(m)	
1	335	1.21	
2	84	2.41	
3	37	3.62	
4	21	4.82	
5	13	6.03	

Luminous flux luminaire 1244 lm

L: 1500 mm - 32W
1116 lm UP - 2310 lm DOWN

- 09.8012.40
- 09.8012.1A
- 09.8012.14
- 09.8012.CZ

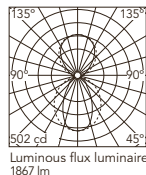


Beam Angle DIR: 62°			
h(m)	E(lx)	D(m)	
1	502	1.21	
2	125	2.41	
3	56	3.62	
4	31	4.82	
5	20	6.03	

Luminous flux luminaire 1867 lm

L: 1500 mm - 32W
1116 lm UP - 2310 lm DOWN

- 09.8013.40
- 09.8013.1A
- 09.8013.14
- 09.8013.CZ

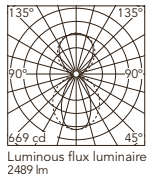


Beam Angle DIR: 62°			
h(m)	E(lx)	D(m)	
1	502	1.21	
2	125	2.41	
3	56	3.62	
4	31	4.82	
5	20	6.03	

Luminous flux luminaire 1867 lm

L: 2000 mm - 43W
1488 lm UP - 3080 lm DOWN

- 09.8014.40
- 09.8014.1A
- 09.8014.14
- 09.8014.CZ

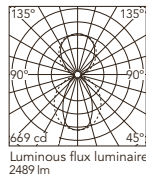


Beam Angle DIR: 62°			
h(m)	E(lx)	D(m)	
1	669	1.21	
2	167	2.41	
3	74	3.62	
4	42	4.82	
5	27	6.03	

Luminous flux luminaire 2489 lm

L: 2000 mm - 43W
1488 lm UP - 3080 lm DOWN

- 09.8015.40
- 09.8015.1A
- 09.8015.14
- 09.8015.CZ

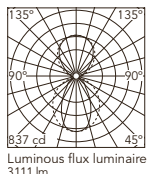


Beam Angle DIR: 62°			
h(m)	E(lx)	D(m)	
1	669	1.21	
2	167	2.41	
3	74	3.62	
4	42	4.82	
5	27	6.03	

Luminous flux luminaire 2489 lm

L: 2500 mm - 54,5W
1860 lm UP - 3850 lm DOWN

- 09.8016.40
- 09.8016.1A
- 09.8016.14
- 09.8016.CZ



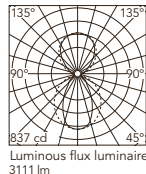
Beam Angle DIR: 62°			
h(m)	E(lx)	D(m)	
1	837	1.21	
2	209	2.41	
3	93	3.62	
4	52	4.82	
5	33	6.03	

Luminous flux luminaire 3111 lm

@White (40)

L: 2500 mm - 54,5W
1860 lm UP - 3850 lm DOWN

- 09.8017.40
- 09.8017.1A
- 09.8017.14
- 09.8017.CZ



Beam Angle DIR: 62°			
h(m)	E(lx)	D(m)	
1	837	1.21	
2	209	2.41	
3	93	3.62	
4	52	4.82	
5	33	6.03	

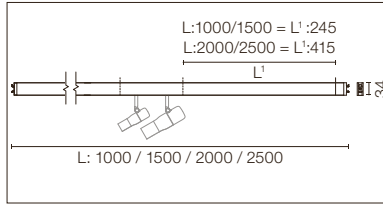
Luminous flux luminaire 3111 lm

@White (40)

DIVERSION – LIGHT MODULES STRUCTURES

Diversion Down + Spots

Light Source: Top LED 11W/m - 1255 lm/m - 2700K/CRI 90 - 3000K/CRI 90



Max. 2 spots not included



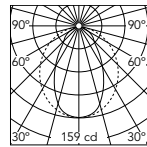
Profilé électromécanique d'intérieur, avec éclairage linéaire direct intégré et de l'espace pour deux spots, pour être installé en surface ou suspendu. Avec des longueurs de 1 à 2,5 mètres. Avec fixation par kit de suspension alimenté et suspendu par une rotule. Le kit d'alimentation et la rotule mécanique sont à commander séparément. Système réglé par driver 1-10V, DALI ou CASAMBI. Système de contrôle broadcast. Dimmer non inclus. Dans des structures de suspension composées d'un seul profilé, il est nécessaire d'équilibrer les spots pour éviter que le profilé ne s'incline.

Electro-mechanical profile for indoor application with integrated direct linear light element and space for two spots, for surface or suspended installation. Lengths from 1 to 2,5m. Fixation by fed suspension kit and suspended by a joint. Power kit and mechanical joint must be ordered separately. System controlled by 1-10V driver, DALI or CASAMBI. Broadcast control system. Dimmer not included. For single profile structures, suspended version, balance the spot to avoid profile tilting.

2700K

L: 1000 mm - 11W - 1255 lm

- 09.8020.40
- 09.8020.1A
- 09.8020.14
- 09.8020.CZ



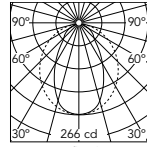
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	159	1.21
2	40	2.41
3	18	3.62
4	10	4.82
5	6	6.03

Luminous flux luminaire 301 lm

L: 1500 mm - 18W - 2097 lm

- 09.8022.40
- 09.8022.1A
- 09.8022.14
- 09.8022.CZ



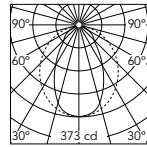
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	266	1.21
2	66	2.41
3	30	3.62
4	17	4.82
5	11	6.03

Luminous flux luminaire 503 lm

L: 2000 mm - 25W - 2939 lm

- 09.8024.40
- 09.8024.1A
- 09.8024.14
- 09.8024.CZ



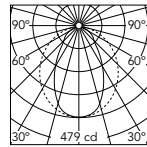
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	373	1.21
2	93	2.41
3	41	3.62
4	23	4.82
5	15	6.03

Luminous flux luminaire 706 lm

L: 2500 mm - 32W - 3781 lm

- 09.8026.40
- 09.8026.1A
- 09.8026.14
- 09.8026.CZ



Beam Angle: 62°

h(m)	E(lx)	D(m)
1	479	1.21
2	120	2.41
3	53	3.62
4	30	4.82
5	19	6.03

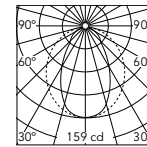
Luminous flux luminaire 908 lm

@White (40)

3000K

L: 1000 mm - 11W - 1255 lm

- 09.8021.40
- 09.8021.1A
- 09.8021.14
- 09.8021.CZ



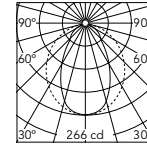
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	159	1.21
2	40	2.41
3	18	3.62
4	10	4.82
5	6	6.03

Luminous flux luminaire 301 lm

L: 1500 mm - 18W - 2097 lm

- 09.8023.40
- 09.8023.1A
- 09.8023.14
- 09.8023.CZ



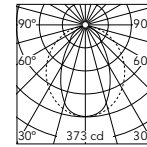
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	266	1.21
2	66	2.41
3	30	3.62
4	17	4.82
5	11	6.03

Luminous flux luminaire 503 lm

L: 2000 mm - 25W - 2939 lm

- 09.8025.40
- 09.8025.1A
- 09.8025.14
- 09.8025.CZ



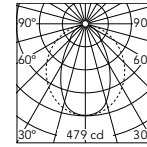
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	373	1.21
2	93	2.41
3	41	3.62
4	23	4.82
5	15	6.03

Luminous flux luminaire 706 lm

L: 2500 mm - 32W - 3781 lm

- 09.8027.40
- 09.8027.1A
- 09.8027.14
- 09.8027.CZ



Beam Angle: 62°

h(m)	E(lx)	D(m)
1	479	1.21
2	120	2.41
3	53	3.62
4	30	4.82
5	19	6.03

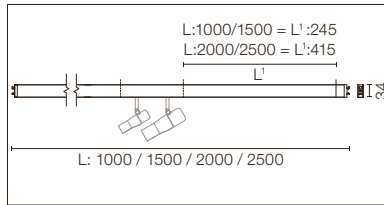
Luminous flux luminaire 908 lm

@White (40)

DIVERSION – LIGHT MODULES STRUCTURES

Diversion Up&Down + Spots

Light Source: Top LED 18W/m - 1999 lm/m - 2700K/CRI 90 - 3000K/CRI 90



Max. 2 spots not included



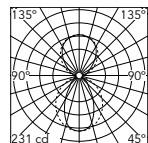
Profilé électromécanique d'intérieur, avec éclairage linéaire direct intégré et de l'espace pour deux spots, pour être installé en surface ou suspendu. Avec des longueurs de 1 à 2,5 mètres. Avec fixation par kit de suspension alimenté et suspendu par une rotule. Le kit d'alimentation et la rotule mécanique sont à commander séparément. Système réglé par driver 1-10V, DALI ou CASAMBI. Système de contrôle broadcast. Dimmer non inclus. Dans des structures de suspension composées d'un seul profilé, il est nécessaire d'équilibrer les spots pour éviter que le profilé ne s'incline.

Electro-mechanical profile for indoor application with integrated direct linear light element and space for two spots, for surface or suspended installation. Lengths from 1 to 2,5m. Fixation by fed suspension kit and suspended by a joint. Power kit and mechanical joint must be ordered separately. System controlled by 1-10V driver, DALI or CASAMBI. Broadcast control system. Dimmer not included. For single profile structures, suspended version, balance the spot to avoid profile tilting.

2700K

L: 1000 mm - 18W
744 lm UP - 1255 lm DOWN

- 09.8030.40
- 09.8030.1A
- 09.8030.14
- 09.8030.CZ



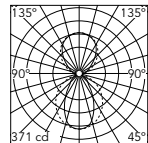
Beam Angle DIR: 62°

h(m)	E(lx)	D(m)
1	231	1.21
2	58	2.41
3	26	3.62
4	14	4.82
5	9	6.03

Luminous flux luminaire 858 lm

L: 1500 mm - 29,5W
1166 lm UP - 2097 lm DOWN

- 09.8032.40
- 09.8032.1A
- 09.8032.14
- 09.8032.CZ



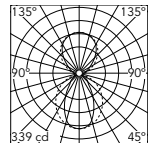
Beam Angle DIR: 62°

h(m)	E(lx)	D(m)
1	371	1.21
2	93	2.41
3	41	3.62
4	23	4.82
5	15	6.03

Luminous flux luminaire 1379 lm

L: 2000 mm - 40,5W
1488 lm UP - 2939 lm DOWN

- 09.8034.40
- 09.8034.1A
- 09.8034.14
- 09.8034.CZ



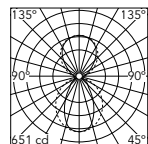
Beam Angle DIR: 62°

h(m)	E(lx)	D(m)
1	339	1.21
2	85	2.41
3	38	3.62
4	21	4.82
5	14	6.03

Luminous flux luminaire 1261 lm

L: 2500 mm - 52W
1816 lm UP - 3781 lm DOWN

- 09.8036.40
- 09.8036.1A
- 09.8036.14
- 09.8036.CZ



Beam Angle DIR: 62°

h(m)	E(lx)	D(m)
1	651	1.21
2	163	2.41
3	72	3.62
4	41	4.82
5	26	6.03

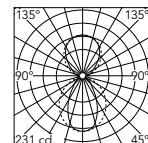
Luminous flux luminaire 2421 lm

@White (40)

3000K

L: 1000 mm - 18W
744 lm UP - 1255 lm DOWN

- 09.8031.40
- 09.8031.1A
- 09.8031.14
- 09.8031.CZ



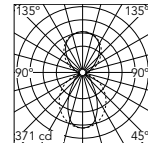
Beam Angle DIR: 62°

h(m)	E(lx)	D(m)
1	231	1.21
2	58	2.41
3	26	3.62
4	14	4.82
5	9	6.03

Luminous flux luminaire 858 lm

L: 1500 mm - 29,5W
1166 lm UP - 2097 lm DOWN

- 09.8033.40
- 09.8033.1A
- 09.8033.14
- 09.8033.CZ



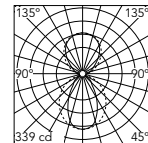
Beam Angle DIR: 62°

h(m)	E(lx)	D(m)
1	371	1.21
2	93	2.41
3	41	3.62
4	23	4.82
5	15	6.03

Luminous flux luminaire 1379 lm

L: 2000 mm - 40,5W
1488 lm UP - 2939 lm DOWN

- 09.8035.40
- 09.8035.1A
- 09.8035.14
- 09.8035.CZ



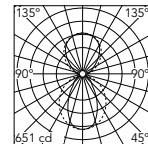
Beam Angle DIR: 62°

h(m)	E(lx)	D(m)
1	339	1.21
2	85	2.41
3	38	3.62
4	21	4.82
5	14	6.03

Luminous flux luminaire 1261 lm

L: 2500 mm - 52W
1816 lm UP - 3781 lm DOWN

- 09.8037.40
- 09.8037.1A
- 09.8037.14
- 09.8037.CZ



Beam Angle DIR: 62°

h(m)	E(lx)	D(m)
1	651	1.21
2	163	2.41
3	72	3.62
4	41	4.82
5	26	6.03

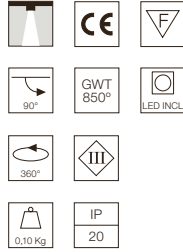
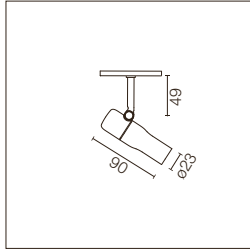
Luminous flux luminaire 2421 lm

@White (40)

DIVERSION – LIGHT MODULES

Atom 90 Designed By Piero Lissoni

Light Source: Power LED 5,5W - 450 lm - 2700K/CRI 90 / 5,5W - 485 lm - 3000K/CRI 90



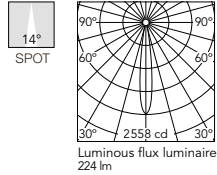
Module d'éclairage d'accentuation à LED, à installer dans le système Diversion. Convertisseur électronique DC / DC incorporé. Système régulé par driver 1-10V, DALI ou CASAMBI. Système de contrôle Broadcast. Dimmer non inclus.

LED accent lighting module to be installed in the Diversion system. Electronic DC/DC converter incorporated. System controlled by 1-10V, DALI or CASAMBI. Broadcast control system. Dimmer not included.

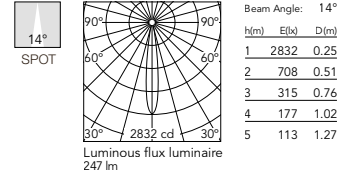
Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

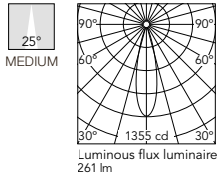
- 2700K**
 09.3831.40
 09.3831.1A
 09.3831.14
 09.3831.CZ



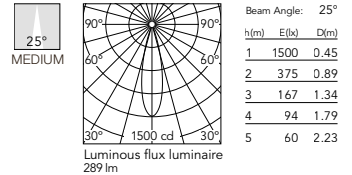
- 3000K**
 09.3830.40
 09.3830.1A
 09.3830.14
 09.3830.CZ



- 2700K**
 09.3833.40
 09.3833.1A
 09.3833.14
 09.3833.CZ

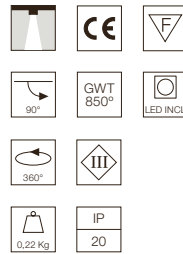
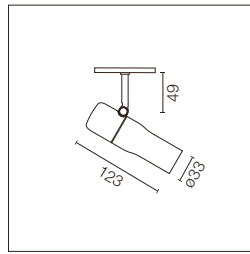


- 3000K**
 09.3832.40
 09.3832.1A
 09.3832.14
 09.3832.CZ



Atom 120 Designed By Piero Lissoni

Light Source: Power LED 8W - 635 lm - 2700K/CRI 90 / 8W - 680 lm - 3000K/CRI 90



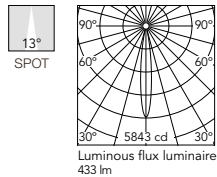
Module d'éclairage d'accentuation à LED, à installer dans le système Diversion. Convertisseur électronique DC / DC incorporé. Système régulé par driver 1-10V, DALI ou CASAMBI. Système de contrôle Broadcast. Dimmer non inclus.

LED accent lighting module to be installed in the Diversion system. Electronic DC/DC converter incorporated. System controlled by 1-10V, DALI or CASAMBI. Broadcast control system. Dimmer not included.

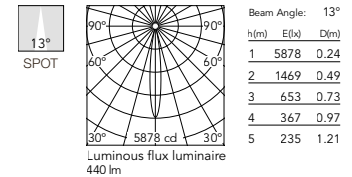
Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

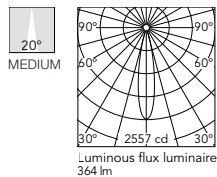
- 2700K**
 09.3841.40
 09.3841.1A
 09.3841.14
 09.3841.CZ



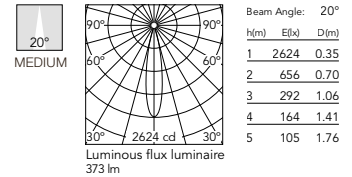
- 3000K**
 09.3840.40
 09.3840.1A
 09.3840.14
 09.3840.CZ



- 2700K**
 09.3843.40
 09.3843.1A
 09.3843.14
 09.3843.CZ



- 3000K**
 09.3842.40
 09.3842.1A
 09.3842.14
 09.3842.CZ



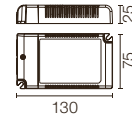
DIVERSION – DRIVERS

Appareillages / Drivers

Remote Installation

Alimentation à distance.
Dimable via le protocole 1 / 10V
ou Non dimable.

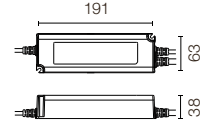
Remote power supply.
Dimmable through 1/10V
protocol or Non Dimmable.



57W 220/240V
60.9361

Alimentation à distance.
Dimable via le protocole DALI.
24V/120W - 90/305 Vac.

Remote power supply.
Dimmable through 1/10V
protocol. 24V/120W - 90/305
Vac.

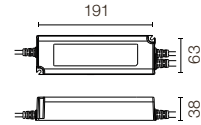


120W 110/240V
60.9416

*UL max 100W

Alimentation à distance.
Dimable via le protocole DALI.
24V/120W - 90/305 Vac.

Remote power supply.
Dimmable through DALI
protocol. 24V/120W - 90/305
Vac.

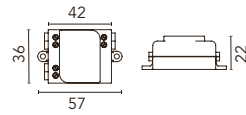


120W 110/240V
60.9426

*UL max 100W

Contrôleur CASAMBI. Il est
recommandé d'ajuster le niveau
minimum de régulation à 5%.
Nécessite un driver 1-10V ou
Dali. Il doit être commandé
séparément.

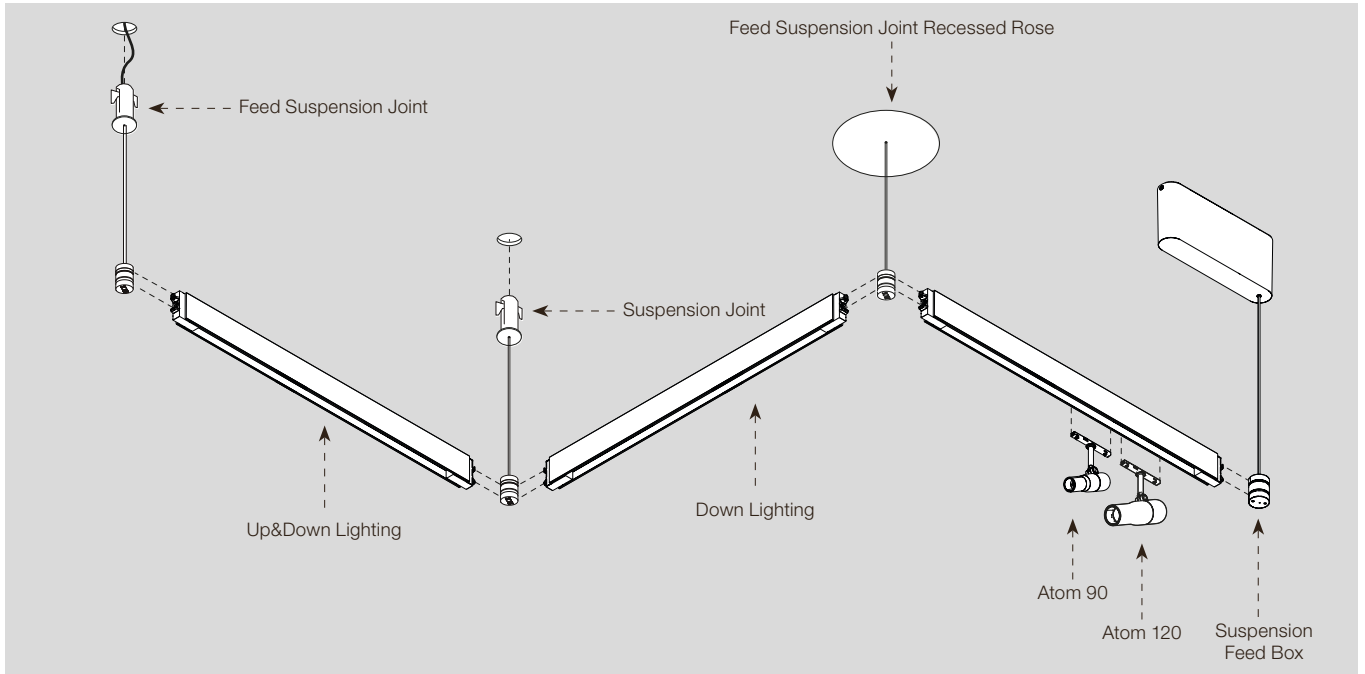
CASAMBI controller. It is
recommended to adjust the
minimum level of regulation to 5%.
Requires 1-10V or Dali driver. It
must be ordered separately.



60.9392

DIVERSION – INSTALLATION

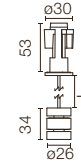
SUSPENSION INSTALLATION



Accessoires / Accessories

Rotule d'alimentation de suspension. 24V.
Câble d'alimentation : 3800mm.

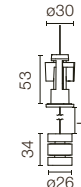
Power suspension joint. 24V.
Power cable: 3800 mm.



06.5300.40
06.5300.1A
06.5300.14
06.5300.CZ

Rotule de suspension.
Fil métallique de 0,6mm d'épaisseur et 3800mm de long.

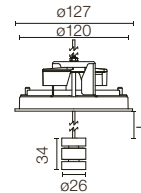
Suspension joint.
0.6 mm thick, 3800 mm long steel wire.



06.5301.40
06.5301.1A
06.5301.14
06.5301.CZ

Rotule d'alimentation de suspension pour encastrer avec une rosette. 24V.
Câble d'alimentation : 3800mm.

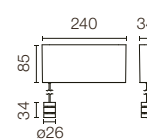
Power suspension joint with rose, for recessing. 24V.
Power cable: 3800 mm.



06.5302.40
06.5302.1A
06.5302.14
06.5302.CZ

Boîte d'alimentation de suspension pour des installations en surface. 24V.
Câble d'alimentation : 3800mm.
Driver inclus 1-10V / CASAMBI).

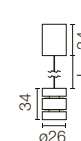
Power suspension feed box, for surface installation. 24V.
Power cable: 3800 mm.
Driver included (1-10V / CASAMBI).



1-10V / 57W
06.5310.40
06.5310.1A
06.5310.14
06.5310.CZ
CASAMBI / 60W
06.5311.40
06.5311.1A
06.5311.14
06.5311.CZ

Rotule de suspension pour des installations en surface.
Fil métallique de 0,6mm d'épaisseur et 3800mm de long.

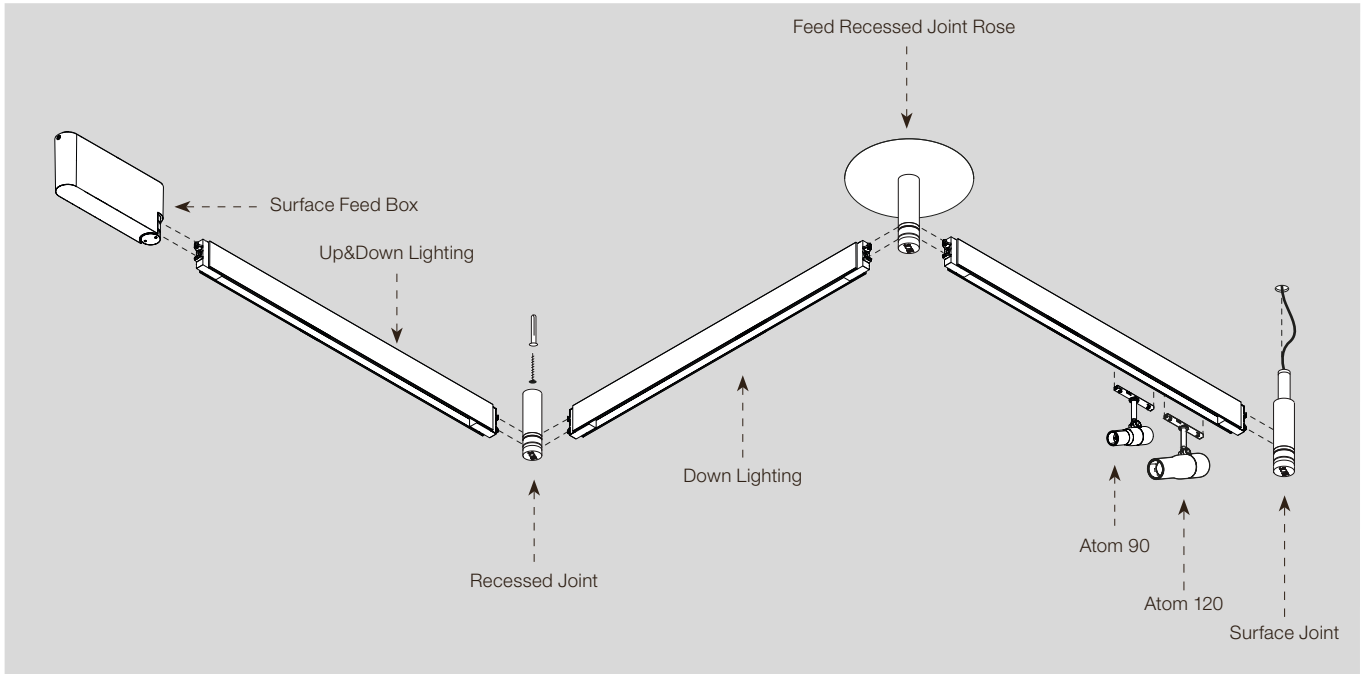
Ceiling suspension joint, for surface installation.
0.6 mm thick, 3800 mm long steel wire.



06.5303.40
06.5303.1A
06.5303.14
06.5303.CZ

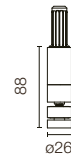
DIVERSION – INSTALLATION

SURFACE INSTALLATION



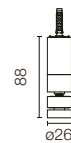
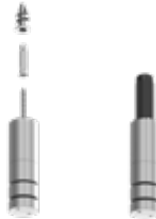
Accessoires / Accessories

Rotule d'alimentation encastrée. 24V Recessed power joint. 24V



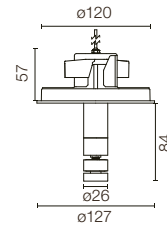
06.5304.40
06.5304.1A
06.5304.14
06.5304.CZ

Rotule encastrable et de surface. Recessed / surface joint.



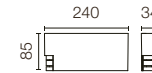
06.5305.40
06.5305.1A
06.5305.14
06.5305.CZ

Rotule d'alimentation encastrée avec rosace. 24V Recessed power joint with rose. 24V.



06.5306.40
06.5306.1A
06.5306.14
06.5306.CZ

Boîte d'alimentation pour des installations en surface. 24V. Driver inclus 1-10V / CASAMBI). Surface feed box, for ceiling installation. 24V. Driver included (1-10V / CASAMBI).



1-10V / 57W
06.5312.40
06.5312.1A
06.5312.14
06.5312.CZ
CASAMBI / 60W
06.5313.40
06.5313.1A
06.5313.14
06.5313.CZ

DIVERSION – FAQ

• **Combien de profilés puis-je alimenter avec la même source d'alimentation?**

La limite est la puissance. Si vous utilisez la source d'alimentation de 120W, vous devez ajuster le nombre de luminaires à ce chiffre maximum.

• **Combien de profilés puis-je connecter à la même rotule?**

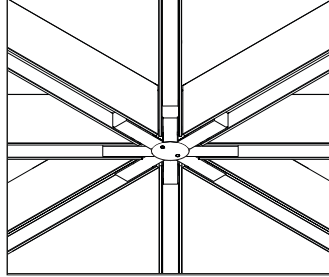
Vous pouvez connecter jusqu'à 8 profilés à une même rotule.

• **How many profiles can I feed up with the same driver?**

Power is the limit. When using the 120W driver model, the number of luminaires must be adjusted to that maximum consumption.

• **How many profiles can I connect to one single joint?**

It is possible to connect up to 8 profiles to the same joint.



• **Combien de profilés puis-je alimenter depuis la même rotule d'alimentation?**

Le nombre maximum est de 8, un tous les 45°, et la limite est la puissance, laquelle doit être inférieure à 120W.

Exemple 1 : en utilisant les profilés de 1 mètre et d'éclairage direct (DOWN).
Puissance module d'éclairage = 13,5W.
 $120W/13,5W = 8,88$ modules. En ajustant au nombre entier inférieur, le résultat est de 8 modules maximum.
Vous pourrez donc compléter la rotule avec un maximum de 8 modules linéaires d'éclairage sans spots.

Exemple 2 : en utilisant les profilés de 2,5 mètres avec éclairage direct et indirect (UP&DOWN) avec 2 spots ATOM 120.
Puissance module d'éclairage + 2 spots = $54,5W + 2 \times 8W = 70,5W$.
 $120W/70,5W = 1,7$ modules. En ajustant au nombre entier inférieur, le résultat est de 1 module maximum.
Vous pourrez donc compléter la rotule avec un seul module linéaire d'éclairage avec deux spots. Pour ajouter plus d'éléments à la même rotule, ceux-ci devront être alimentés depuis une autre rotule à l'extrémité opposée.

Il est très important de configurer les interrupteurs situés aux extrémités de chaque profilé pour éviter de commuter plusieurs sources d'alimentation, ce qui provoquerait une défaillance du système.

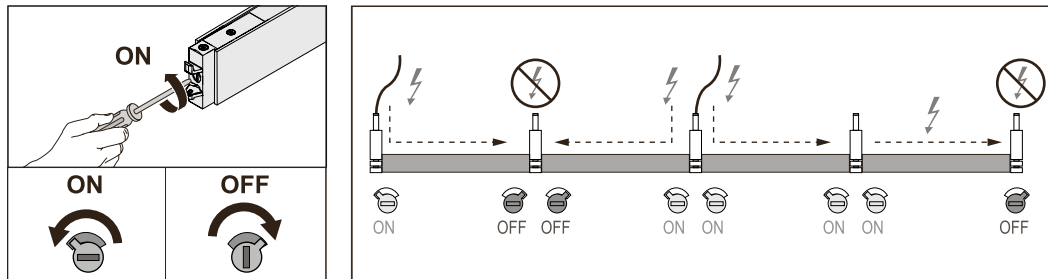
• **How many profiles can I feed up with one single feeding joint?**

The maximum quantity is 8 pieces, one every 45°. The limit is represented by their total power consumption which has to be less than 120W.

Example 1; when using 1m profiles with direct light emission (DOWN).
Lighting module power consumption = 13,5W.
 $120W/13,5W = 8,88$ lighting modules, which means 8 modules maximum.
The joint could therefore feature up to 8 light modules single emission without spots.

Example 2; when using 2,5m profiles featuring direct/indirect light emission (UP&DOWN) with 2 ATOM 120 spots.
Lighting module power consumption including 2 spots = $54,5W + 2 \times 8W = 70,5W$.
 $120W/70,5W = 1,7$ modules, which means 1 module maximum.
It is therefore possible to complete a joint attaching only one lighting module UP&DOWN equipped with two spots. In order to add more elements to the same joint, these will need to be fed by another dedicated joint located on the opposite side of the profile.

Please make sure to set the integrated switches located at the end of each profile. This will avoid switching multiple power supplies, which would cause the entire system to malfunction.



DIVERSION – FAQ

• Puis-je contrôler chaque luminaire individuellement ?

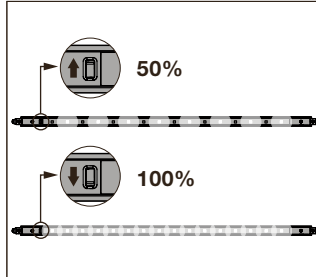
Non, le système est contrôlé intégralement de façon simultanée (broadcast). Les éclairages direct et indirect ne peuvent pas être séparés pour être contrôlés de façon indépendante.

Les modules avec un éclairage indirect disposent d'un commutateur pour réduire la puissance maximale à 50%, celle-ci étant la puissance maximale sans que cela n'altère les options de réglage DALI, 1-10V ou CASAMBI.

• Can I control each luminaire individually?

No, the entire system is controlled simultaneously (broadcast). Direct and indirect lighting cannot be separated for independent control either. Modules with indirect illumination are equipped with a switch to reduce the maximum power of 50%, establishing it as the maximum without affecting the DALI, 1-10V or CASAMBI dimming options.

UP LIGHT



• Quel est le plus grand profilé que je puisse installer avec l'alimentation de surface ?

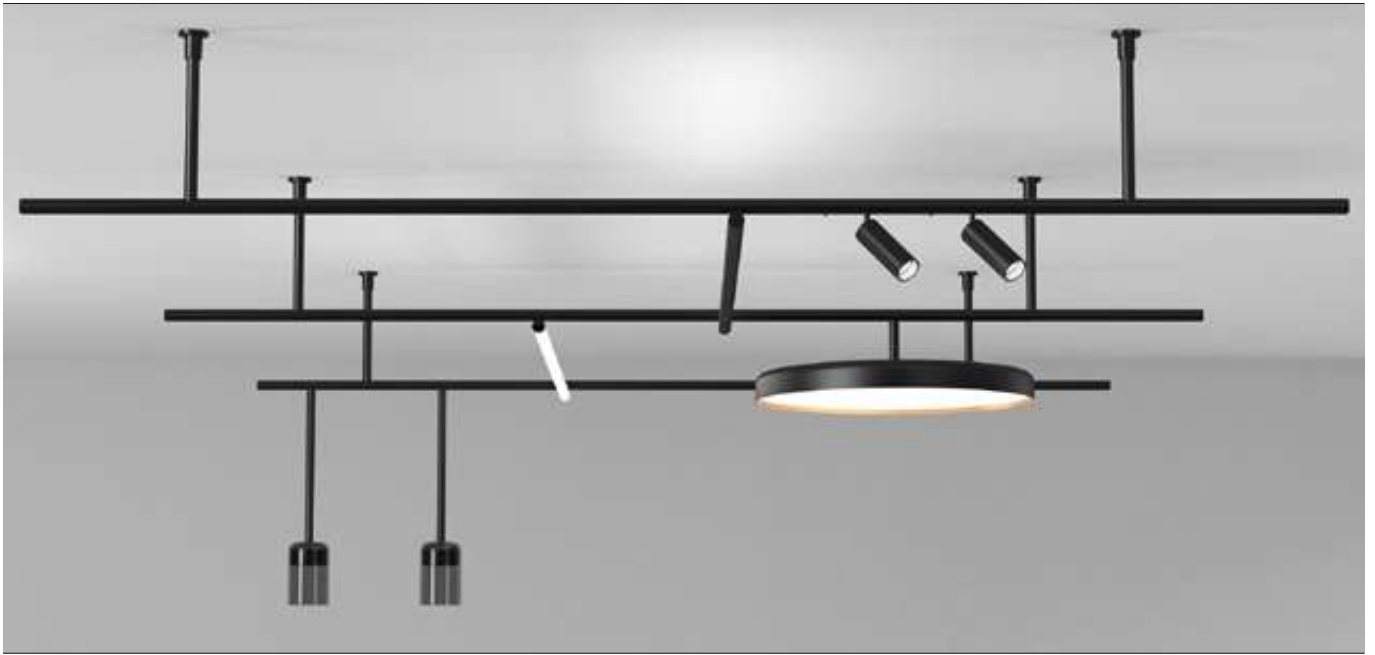
- Up&Down - 2500mm
- Up&Down + 2 Spots - 2000m
- Down - 2500mm
- Down + 2 Spots - 2500mm

• Which is the biggest profile I can install with the surface power supply?

- Up&Down - 2500mm
- Up&Down + 2 Spots - 2000m
- Down - 2500mm
- Down + 2 Spots - 2500mm







INFRA-STRUCTURE
DESIGNED BY VINCENT VAN DUYSSEN

FLOS
SMART CONTROL



Profiles 40 Blanc
40 White 14 Noir
14 Black

LIGHT MODULES

LIGHT TUBE	SPOT 50	SPOT 90	SPOT 120	SPOT 120	SPOT 150
					
<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
LIGHT SOURCE TOP LED 25W/m 1978 lm/m 2700K/CRI 90 2227 lm/m 3000K/CRI 90	LIGHT SOURCE POWER LED 3,5W 286 lm 2700K/CRI 90 307 lm 3000K/CRI 90	LIGHT SOURCE POWER LED 8,5W 610 lm 2700K/CRI 90 656 lm 3000K/CRI 90	LIGHT SOURCE POWER LED 12W 724 lm 2700K/CRI 90 779 lm 3000K/CRI 90	LIGHT SOURCE LED ARRAY 12,5W 1075 lm 2700K/CRI 90 1138 lm 3000K/CRI 90	LIGHT SOURCE LED ARRAY 22,5W 2000 lm 2700K/CRI 90 2115 lm 3000K/CRI 90

SUSPENSION
PANEL 600



LIGHT SOURCE
TOP LED
40W
3195 lm
2700K/CRI 90
3381 lm
3000K/CRI 90

SUSPENSION
GLASS DOWNLIGHT 110



LIGHT SOURCE
LED ARRAY
13,5W
1296 lm
2700K/CRI 90
1371 lm
3000K/CRI 90

Description

Système d'éclairage innovant conçu par Vincent Van Duysen pour installation au plafond avec tiges rigides et réglables.

Dans cette nouvelle proposition, outre la prospère version "On Board Dimmer", FLOS va encore plus loin et lance à la fois des profils et des luminaires conçus pour la gestion du système avec une variété d'options: DALI, 1-10V et le système sans fil exclusif FLOS Smart Control®.

Les deux versions de profil sont fabriquées en profilé d'aluminium extrudé en blanc ou noir, avec des rails électriques alimentés à 48V. Les versions contrôlées par le système (DALI, 1-10V, FLOS Smart Control®) sont aussi équipées d'un Databus en graphite pour la régulation.

Les luminaires à LED sont fixés par un système magnétique avec une fixation de sécurité mécanique.

La gamme de produits est composée d'appareils d'éclairage d'accentuation avec différentes optiques, de systèmes d'éclairage d'ambiance à lumière directe et indirecte et de lampes décoratives Flos.

Tous les luminaires sont équipés d'un potentiomètre intégré, dimmable DALI ou 1-10V, et en version FLOS SMART CONTROL® pour réglage à distance.

Contrôle

- Pour l'installation des luminaires "On Board Dimmer", utilisez la version des éléments droits et embouts "On Board Dimmer". Les luminaires contrôlés par le système DALI, 1-10V, et FLOS Smart Control® sont uniquement compatibles avec la version de profilé DALI 1-10V, FLOS Smart Control®.

- Pour la gestion par protocole DALI, il est nécessaire de connecter le bus de données de contrôle directement au profilé.

- Pour la gestion 1-10V, il est nécessaire que le système de contrôle soit activé et que le bus de données de contrôle soit connecté directement au profilé. Dans ce cas, le réglage sera uniforme dans tous les luminaires connectés.

- Pour gérer le système FLOS SMART CONTROL®, il est nécessaire de commander des luminaires DALI et une passerelle DALI Bluetooth par ligne. 64 luminaires maximum par passerelle. Nombre maximum d'interconnexions de rails pour garantir la communication du signal DALI ou 1-10V : 20 interconnexions. Prévoir l'application pour smartphone (disponible sur Apple Store).

Système Optique

- Light Tube Direct / Light Tube Indirect / Suspension Glass Downlight 110 / Suspension Panel 600: lumière d'ambiance tamisée.

- Spot 50: Medium.

- Spot 90: Spot, Medium.

- Spot 120 Power LED (même source lumineuse que les Spot 50 et Spot 90) : Spot, Medium.

- Spot 120 LED Array (même source lumineuse que le Spot 150) : Medium, Flood.

- Spot 150: Spot, Medium, Flood.

Unité d'Alimentation

Source d'alimentation à distance en 48V non comprise. Max 6A - 320W.

Accessoires

Pour les modules d'éclairage Spot, les accessoires anti-éblouissement (honeycomb et croix) sont compris dans le produit.

Informations Complémentaires

Indice de protection IP20.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Groundbreaking lighting system designed by Vincent Van Duysen for surface installation on ceiling with rigid and adjustable rods.

In the new proposal, beside the successful "On Board Dimmer" version, FLOS goes one step beyond, launching both track and luminaires designed for system management in a variety of options: DALI, 1-10V, and the exclusive wireless system FLOS Smart Control®.

Both profile version are manufactured with aluminium profiling extruded in white or black, provided with electric tracks powered at 48V.

The system controlled versions (DALI, 1-10V, FLOS Smart Control®) are also equipped with graphite data bus for regulation. The LED light fixtures are installed by means of a magnetic fixture system with mechanical safety fastening.

The light fixtures product group is composed of accent lighting modules with different optics, direct and indirect light ambient lighting systems and decorative light fixtures with the distinctive Flos design.

All light fixtures are available with potentiometer incorporated, dimmable DALI or 1-10V to adjust the light intensity, and in FLOS Smart Control® for remote setting.

Control

- For installation of "On Board Dimmer" luminaires, use "On Board Dimmer" track version. Luminaires DALI and 1-10V, and the FLOS Smart Control® system are only compatible with track DALI, 1-10V, FLOS Smart Control® version.

- To manage using DALI protocol, it is necessary to connect the control data bus directly to the profile.

- For 1-10V management, the control system must be active and the data bus must be connected directly to the profile. In this case, regulation will be uniform in all the connected luminaires.

- To manage the FLOS Smart Control® system, DALI luminaires and a Gateway DALI Bluetooth must be ordered per line. Maximum 64 luminaires per Gateway.

Maximum number of track interconnections to guarantee the communication of the DALI or 1-10V signal: 20 interconnections. The app for mobile devices is also necessary (available from the Apple Store).

Optic system

- Light Tube Direct / Light Tube Indirect / Suspension Glass Downlight 110 / Suspension Panel 600: diffuse ambient light.

- Spot 50: Medium.

- Spot 90: Spot, Medium.

- Spot 120 Power LED (same light source as the Spot 50 and Spot 90): Spot, Medium.

- Spot 120 LED Array (same light source as the Spot 150): Medium, Flood.

- Spot 150: Spot, Medium, Flood.

Power Supply

Remote 48V power supply not included. Max 6A - 320W.

Accessories

For the Spot illumination modules, the cross-screening accessories (honeycomb and crosspieces) are incorporated into the product.

Additional Information

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

INFRA-STRUCTURE – PROFILES

Profils

Profil électromagnétique tubulaire pour l'installation aux plafonds avec des tiges rigides et réglables (25 mm). Tiges rigides, non réglables disponibles sous demande.

Les profils et les éléments terminaux sont disponibles dans la version compatible avec les luminaires "on board dimmer" et celles contrôlés par le système (DALI, 1-10V, FLOS Smart Control®).

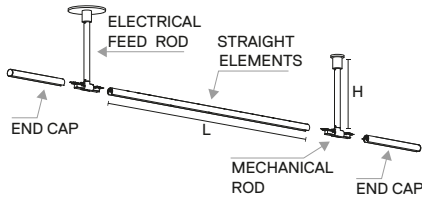
Profils tubulaires disponibles en deux longueurs: 1055 mm (séparation de 1100 mm entre les tiges) et 1555 mm (séparation de 1600 mm entre les tiges).

Les embouts de fermeture seront également électrifiées et doivent être commandées séparément.

Toutes les tiges mécaniques et électriques sont communes pour les deux versions et elles sont disponibles dans des hauteurs différentes (100, 300, 400, 700 mm).

Différentes versions de tiges de fixation :

- Tige d'alimentation mécanique avec rosace de Ø50 ou de Ø140 : pour fixation des profilés.
- Tige d'alimentation électrique avec rosace de Ø50 : tige d'alimentation pour l'installation à distance de l'alimentation en endroits facilement accessibles.
- Tige d'alimentation électrique avec rosace de Ø140 : tige d'alimentation pour l'installation à distance de l'alimentation en endroits facilement accessibles.
- Tige d'alimentation de données avec rosace de Ø50 ou de Ø140 : pour la connection aux sources des signales DALI ou 1-10V.
- Pochoir en aluminium pour marquer les points de fixation des tiges, accessoire à commander séparément.



L: 1055 mm / 1555 mm

Profiles

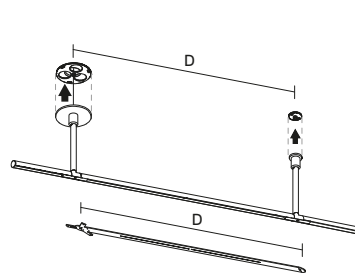
Tubular electromagnetic profile for surface installation in ceilings through rigid and adjustable rods (25 mm). Not adjustable rigid rods available on request. Profiles and closure terminals are available in version compatible with luminaires "on board dimmer" and versions compatible with system controlled luminaires (DALI, 1-10V, FLOS Smart Control®).

Tubular profiles available in two lengths: 1055 mm (1100 mm separation between rods) and 1555 mm (1600 mm separation between rods).

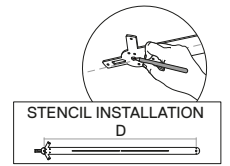
The closure terminals will also be electrified and must be ordered separately. Mechanical and electrical rods are the same for the two profile versions and they are all available in multiple lengths (100, 300, 400, 700mm).

Different versions of fastening rods:

- Mechanic rod with a Ø50 or Ø140 connection rose: to fasten profiles.
- Electrical rod with a Ø50 connection rose: a supply rod for remote installation of the power supply in an accessible place.
- Electrical rod with a Ø140 connection rose: a supply rod for remote installation of the power supply through the connection rose.
- Data connection rod with a Ø50 or Ø140 connection rose: for connection to DALI or 1-10V bus signal.
- Aluminium stencil to mark the points for installing the rods available as separate item.



D: 1100 mm / 1600 mm



Aluminium Stencil Installation

D: 1100 mm

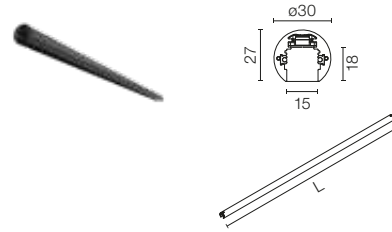
08.0032.00

D: 1600 mm

08.0033.00

Éléments linéaires.

Straight elements.



L: 1055 mm (D: 1100 mm)

L: 1555 mm (D: 1600 mm)

On board dimmer compatible

L: 1055 mm

06.5140.40

06.5140.14

L: 1555 mm

06.5141.40

06.5141.14

DALI / 1-10V / FLOS SMART CONTROL compatible

L: 1055 mm

06.5100.40

06.5100.14

L: 1555 mm

06.5101.40

06.5101.14

Embout de finition.

End cap.



On board dimmer compatible

06.5142.40A

06.5142.14A

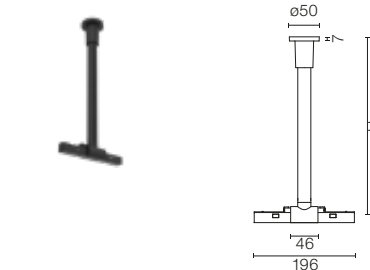
DALI / 1-10V / FLOS SMART CONTROL compatible

06.5135.40A

06.5135.14A

Rosace tige mécanique ø50 mm. Ajustable 25 mm pour s'adapter aux plafonds irréguliers.

Mechanical rod rose ø50 mm. Adjustable 25 mm, to adapt it to irregular ceilings.



H: 100 mm

06.5110.40

06.5110.14

H: 300 mm

06.5111.40

06.5111.14

H: 400 mm

06.5112.40

06.5112.14

H: 700 mm

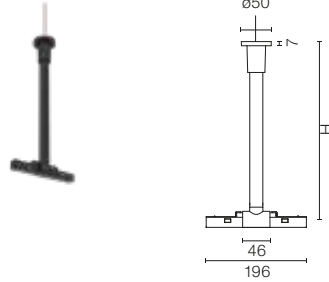
06.5113.40

06.5113.14

INFRA-STRUCTURE – PROFILES

Rosace tige d'alimentation électrique $\varnothing 50$ mm. Ajustable 25 mm pour s'adapter aux plafonds irréguliers.

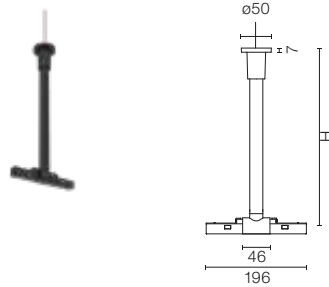
Electrical feed rod rose $\varnothing 50$ mm. Adjustable 25 mm, to adapt it to irregular ceilings.



- H: 100 mm
- 06.5120.40
- 06.5120.14
- H: 300 mm
- 06.5121.40
- 06.5121.14
- H: 400 mm
- 06.5122.40
- 06.5122.14
- H: 700 mm
- 06.5123.40
- 06.5123.14

Tige d'alimentation des données de $\varnothing 50$ mm. Utilisez une pour chaque ligne d'installation, pour la connection aux sources des signales DALI ou 1-10V. Ajustable 25 mm pour s'adapter aux plafonds irréguliers.

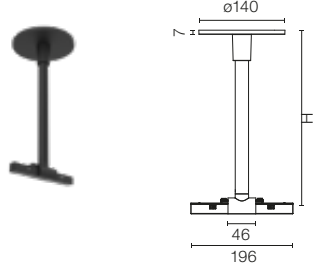
Data connection rod rose $\varnothing 50$ mm. Use one for each line of the installation, for connection to DALI or 1-10V signal source. Adjustable 25 mm, to adapt it to irregular ceilings.



- H: 100 mm
- 06.5150.40
- 06.5150.14
- H: 300 mm
- 06.5151.40
- 06.5151.14
- H: 400 mm
- 06.5152.40
- 06.5152.14
- H: 700 mm
- 06.5153.40
- 06.5153.14

Rosace tige mécanique $\varnothing 140$ mm. Ajustable 25 mm pour s'adapter aux plafonds irréguliers.

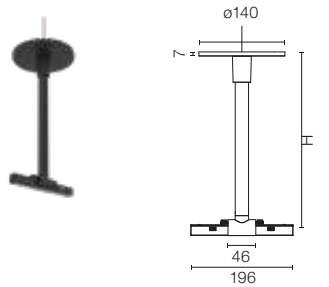
Mechanical rod rose $\varnothing 140$ mm. Adjustable 25 mm, to adapt it to irregular ceilings.



- H: 100 mm
- 06.5115.40
- 06.5115.14
- H: 300 mm
- 06.5116.40
- 06.5116.14
- H: 400 mm
- 06.5117.40
- 06.5117.14
- H: 700 mm
- 06.5118.40
- 06.5118.14

Rosace tige d'alimentation électrique $\varnothing 140$ mm. Ajustable 25 mm pour s'adapter aux plafonds irréguliers.

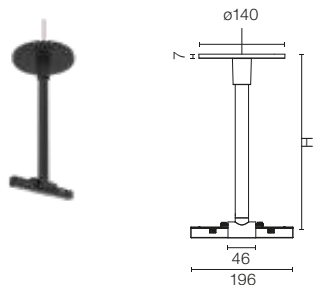
Electrical feed rod rose $\varnothing 140$ mm. Adjustable 25 mm, to adapt it to irregular ceilings.



- H: 100 mm
- 06.5125.40
- 06.5125.14
- H: 300 mm
- 06.5126.40
- 06.5126.14
- H: 400 mm
- 06.5127.40
- 06.5127.14
- H: 700 mm
- 06.5128.40
- 06.5128.14

Tige d'alimentation des données de $\varnothing 140$ mm. Utilisez une pour chaque ligne d'installation, pour la connection aux sources des signales DALI ou 1-10V. Ajustable 25 mm pour s'adapter aux plafonds irréguliers.

Data connection rod rose $\varnothing 140$ mm. Use one for each line of the installation, for connection to DALI or 1-10V signal source. Adjustable 25 mm, to adapt it to irregular ceilings.



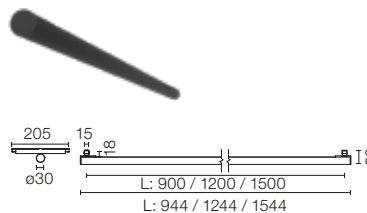
- H: 100 mm
- 06.5155.40
- 06.5155.14
- H: 300 mm
- 06.5156.40
- 06.5156.14
- H: 400 mm
- 06.5157.40
- 06.5157.14
- H: 700 mm
- 06.5158.40
- 06.5158.14

Tube aveugle.

Blind tube.

Module mécanique (sans éclairage) à installer dans le système Infra-Structure. Éléments de fixation pivotants 0° - 90° , avec connexion magnétique et verrouillage de sécurité mécanique, pour installation transversale entre deux lignes de profilé.

A mechanical module (without lighting) to be installed in the system infrastructure. Fixing components that rotate 0° - 90° , with a magnetic connection and a mechanical safety lock. To be installed transversely between two profile lines.

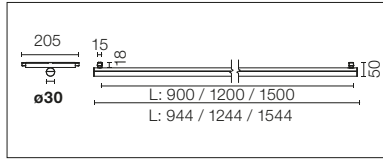


- L: 900 mm
- 03.8120.40
- 03.8120.14
- L: 1200 mm
- 03.8121.40
- 03.8121.14
- L: 1500 mm
- 03.8122.40
- 03.8122.14

INFRA-STRUCTURE – LIGHT MODULES

Light Tube ø30 Direct

Light Source: Top LED 25W/m - 1978 lm/m - 2700K/CRI 90 / 25W/m - 2227 lm/m - 3000K/CRI 90



Module d'éclairage LED à lumière diffuse pour installation sur le système Infra-Structure.

Diffused LED light module to be installed in The Infra-Structure.



Éléments de fixation rotatifs 0°-90°, avec une connexion magnétique et verrouillage de sécurité mécanique, pour une installation transversale entre deux lignes du profilé.

System turning fastening elements 0°-90° with a magnetic connection and mechanic security lock for a transversally installation between two lines of the profile.



Les Light Tubes sont alimentés par l'une des extrémités et ne transmettent pas le courant à travers l'autre extrémité.

The Light Tube are only fed by one of the ends and do not communicate current through the other end.



2700K

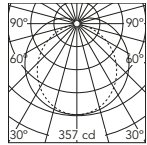
L: 900 mm - 23W - 1820 lm

On board dimmer

- 03.8100.40
- 03.8100.14

*Dali Version

- 03.8100.40.DA
- 03.8100.14.DA
- *1-10V
- 03.8100.40.1V
- 03.8100.14.1V



Beam Angle: 106°

h(m)	E(lx)	D(m)
1	357	7.49
2	89	14.98
3	40	22.47
4	22	29.96
5	14	37.45

Luminous flux lumineaire
1456 lm

3000K

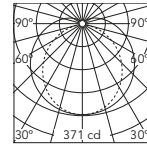
L: 900 mm - 23W - 2048 lm

On board dimmer

- 03.8105.40
- 03.8105.14

*Dali Version

- 03.8105.40.DA
- 03.8105.14.DA
- *1-10V
- 03.8105.40.1V
- 03.8105.14.1V



Beam Angle: 106°

h(m)	E(lx)	D(m)
1	371	7.49
2	93	14.98
3	41	22.47
4	23	29.96
5	15	37.45

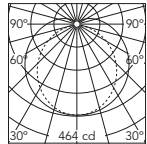
Luminous flux lumineaire
1515 lm

2700K

L: 1200 mm - 30W - 2366 lm

On board dimmer

- 03.8101.40
- 03.8101.14
- *Dali Version
- 03.8101.40.DA
- 03.8101.14.DA
- *1-10V
- 03.8101.40.1V
- 03.8101.14.1V



Beam Angle: 106°

h(m)	E(lx)	D(m)
1	464	7.49
2	116	14.98
3	52	22.47
4	29	29.96
5	19	37.45

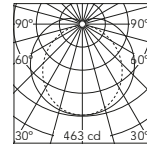
Luminous flux lumineaire
1892 lm

3000K

L: 1200 mm - 30W - 2663 lm

On board dimmer

- 03.8106.40
- 03.8106.14
- *Dali Version
- 03.8106.40.DA
- 03.8106.14.DA
- *1-10V
- 03.8106.40.1V
- 03.8106.14.1V



Beam Angle: 106°

h(m)	E(lx)	D(m)
1	463	7.49
2	116	14.98
3	51	22.47
4	29	29.96
5	19	37.45

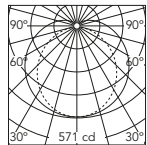
Luminous flux lumineaire
1890 lm

2700K

L: 1500 mm - 38W - 2912 lm

On board dimmer

- 03.8102.40
- 03.8102.14
- *Dali Version
- 03.8102.40.DA
- 03.8102.14.DA
- *1-10V
- 03.8102.40.1V
- 03.8102.14.1V



Beam Angle: 106°

h(m)	E(lx)	D(m)
1	571	7.49
2	143	14.98
3	63	22.47
4	36	29.96
5	23	37.45

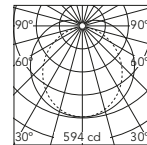
Luminous flux lumineaire
2329 lm

3000K

L: 1500 mm - 38W - 3278 lm

On board dimmer

- 03.8107.40
- 03.8107.14
- *Dali Version
- 03.8107.40.DA
- 03.8107.14.DA
- *1-10V
- 03.8107.40.1V
- 03.8107.14.1V



Beam Angle: 106°

h(m)	E(lx)	D(m)
1	594	7.49
2	149	14.98
3	66	22.47
4	37	29.96
5	24	37.45

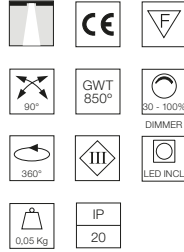
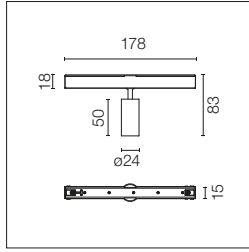
Luminous flux lumineaire
2423 lm

* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profilé.
Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

INFRA-STRUCTURE – LIGHT MODULES

Spot 50

Light Source: Power LED 3,5W - 286 lm - 2700K/CRI 90 / 3,5W - 307 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système Infra-Structure.

Accent lighting LED module to be installed in The Infra-Structure System.

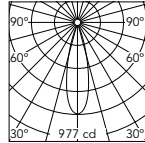
Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

2700K

On board dimmer

- 03.8032.40
- 03.8032.05
- 03.8032.14
- *Dali Version
- 03.8032.40.DA
- 03.8032.05.DA
- 03.8032.14.DA
- *1-10V
- 03.8032.40.1V
- 03.8032.05.1V
- 03.8032.14.1V



Beam Angle: 26°

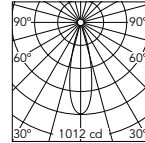
h(m)	E(lx)	D(m)
1	977	0.47
2	244	0.94
3	109	1.41
4	61	1.88
5	39	2.35

Luminous flux luminaire 205 lm (EXTREME CUT OFF)

3000K

On board dimmer

- 03.8033.40
- 03.8033.05
- 03.8033.14
- *Dali Version
- 03.8033.40.DA
- 03.8033.05.DA
- 03.8033.14.DA
- *1-10V
- 03.8033.40.1V
- 03.8033.05.1V
- 03.8033.14.1V



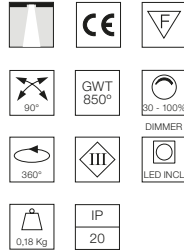
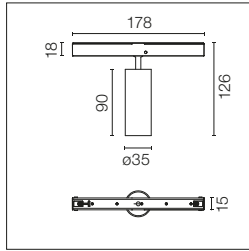
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1012	0.47
2	253	0.94
3	112	1.41
4	63	1.88
5	40	2.35

Luminous flux luminaire 212 lm (EXTREME CUT OFF)

Spot 90

Light Source: Power LED 8,5W - 610 lm - 2700K/CRI 90 / 8,5W - 656 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système Infra-Structure.

Accent lighting LED module to be installed in The Infra-Structure System.

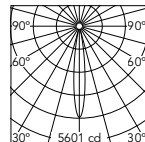
Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

2700K

On board dimmer

- 03.8042.40
- 03.8042.05
- 03.8042.14
- *Dali Version
- 03.8042.40.DA
- 03.8042.05.DA
- 03.8042.14.DA
- *1-10V
- 03.8042.40.1V
- 03.8042.05.1V
- 03.8042.14.1V



Beam Angle: 14°

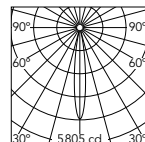
h(m)	E(lx)	D(m)
1	5601	0.25
2	1400	0.49
3	622	0.74
4	350	0.98
5	224	1.23

Luminous flux luminaire 428 lm (EXTREME CUT OFF)

3000K

On board dimmer

- 03.8043.40
- 03.8043.05
- 03.8043.14
- *Dali Version
- 03.8043.40.DA
- 03.8043.05.DA
- 03.8043.14.DA
- *1-10V
- 03.8043.40.1V
- 03.8043.05.1V
- 03.8043.14.1V



Beam Angle: 14°

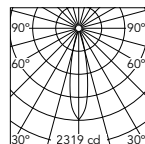
h(m)	E(lx)	D(m)
1	5805	0.25
2	1451	0.49
3	645	0.74
4	363	0.98
5	232	1.23

Luminous flux luminaire 443 lm (EXTREME CUT OFF)

2700K

On board dimmer

- 03.8044.40
- 03.8044.05
- 03.8044.14
- *Dali Version
- 03.8044.40.DA
- 03.8044.05.DA
- 03.8044.14.DA
- *1-10V
- 03.8044.40.1V
- 03.8044.05.1V
- 03.8044.14.1V



Beam Angle: 22°

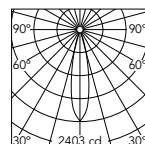
h(m)	E(lx)	D(m)
1	2319	0.38
2	580	0.77
3	258	1.15
4	145	1.54
5	93	1.92

Luminous flux luminaire 392 lm (EXTREME CUT OFF)

3000K

On board dimmer

- 03.8045.40
- 03.8045.05
- 03.8045.14
- *Dali Version
- 03.8045.40.DA
- 03.8045.05.DA
- 03.8045.14.DA
- *1-10V
- 03.8045.40.1V
- 03.8045.05.1V
- 03.8045.14.1V



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2403	0.38
2	601	0.77
3	267	1.15
4	150	1.54
5	96	1.92

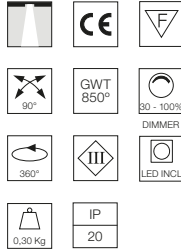
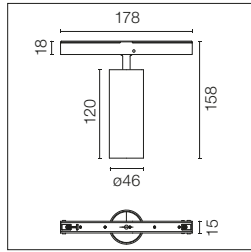
Luminous flux luminaire 406 lm (EXTREME CUT OFF)

* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile.
Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

INFRA-STRUCTURE – LIGHT MODULES

Spot 120

Light Source: Power LED 12W - 724 lm - 2700K/CRI 90 / 12W - 779 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système Infra-Structure.

Accent lighting LED module to be installed in The Infra-Structure System.

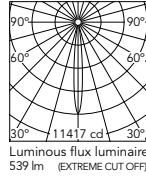
Accessoires compris (honeycomb et croix anti-éblouissement)

Accessories included (honeycomb and screening crosspiece).

2700K

On board dimmer

- 03.8052.40
- 03.8052.05
- 03.8052.14
- *Dali Version
- 03.8052.40.DA
- 03.8052.05.DA
- 03.8052.14.DA
- *1-10V
- 03.8052.40.1V
- 03.8052.05.1V
- 03.8052.14.1V



Beam Angle: 11°

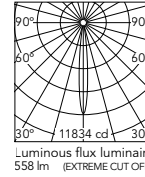
h(m)	E(lx)	D(m)
1	11417	0.19
2	2854	0.37
3	1269	0.56
4	714	0.75
5	457	0.93

Luminous flux luminaire 539 lm (EXTREME CUT OFF)

3000K

On board dimmer

- 03.8053.40
- 03.8053.05
- 03.8053.14
- *Dali Version
- 03.8053.40.DA
- 03.8053.05.DA
- 03.8053.14.DA
- *1-10V
- 03.8053.40.1V
- 03.8053.05.1V
- 03.8053.14.1V



Beam Angle: 11°

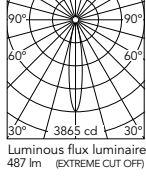
h(m)	E(lx)	D(m)
1	11834	0.19
2	2958	0.37
3	1315	0.56
4	740	0.75
5	473	0.93

Luminous flux luminaire 558 lm (EXTREME CUT OFF)

2700K

On board dimmer

- 03.8054.40
- 03.8054.05
- 03.8054.14
- *Dali Version
- 03.8054.40.DA
- 03.8054.05.DA
- 03.8054.14.DA
- *1-10V
- 03.8054.40.1V
- 03.8054.05.1V
- 03.8054.14.1V



Beam Angle: 17°

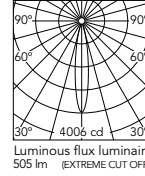
h(m)	E(lx)	D(m)
1	3865	0.29
2	966	0.59
3	429	0.88
4	242	1.18
5	155	1.47

Luminous flux luminaire 487 lm (EXTREME CUT OFF)

3000K

On board dimmer

- 03.8055.40
- 03.8055.05
- 03.8055.14
- *Dali Version
- 03.8055.40.DA
- 03.8055.05.DA
- 03.8055.14.DA
- *1-10V
- 03.8055.40.1V
- 03.8055.05.1V
- 03.8055.14.1V



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	4006	0.29
2	1001	0.59
3	445	0.88
4	250	1.18
5	160	1.47

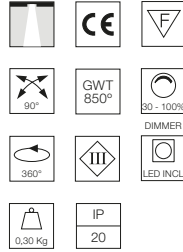
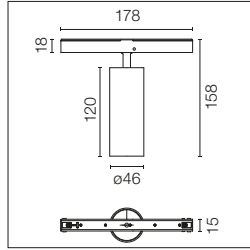
Luminous flux luminaire 505 lm (EXTREME CUT OFF)

* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile.
Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

INFRA-STRUCTURE – LIGHT MODULES

Spot 120

Light Source: LED Array 12,5W - 1075 lm - 2700K/CRI 90 / 12,5W - 1138 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système Infra-Structure.

Accent lighting LED module to be installed in The Infra-Structure System.

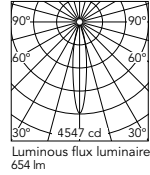
Accessoires compris (honeycomb et croix anti-éblouissement)

Accessories included (honeycomb and screening crosspiece).

2700K

On board dimmer

- 03.8154.40
- 03.8154.05
- 03.8154.14
- *Dali Version
- 03.8154.40.DA
- 03.8154.05.DA
- 03.8154.14.DA
- *1-10V
- 03.8154.40.1V
- 03.8154.05.1V
- 03.8154.14.1V



Beam Angle: 17°

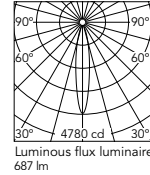
h(m)	E(lx)	D(m)
1	4547	0.31
2	1137	0.61
3	505	0.92
4	284	1.23
5	182	1.53

Luminous flux luminaire 654 lm

3000K

On board dimmer

- 03.8155.40
- 03.8155.05
- 03.8155.14
- *Dali Version
- 03.8155.40.DA
- 03.8155.05.DA
- 03.8155.14.DA
- *1-10V
- 03.8155.40.1V
- 03.8155.05.1V
- 03.8155.14.1V



Beam Angle: 17°

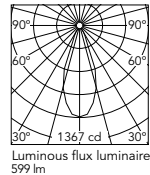
h(m)	E(lx)	D(m)
1	4780	0.31
2	1195	0.61
3	531	0.92
4	299	1.23
5	191	1.53

Luminous flux luminaire 687 lm

2700K

On board dimmer

- 03.8156.40
- 03.8156.05
- 03.8156.14
- *Dali Version
- 03.8156.40.DA
- 03.8156.05.DA
- 03.8156.14.DA
- *1-10V
- 03.8156.40.1V
- 03.8156.05.1V
- 03.8156.14.1V



Beam Angle: 40°

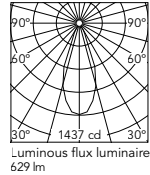
h(m)	E(lx)	D(m)
1	1367	0.73
2	342	1.45
3	152	2.18
4	85	2.91
5	55	3.64

Luminous flux luminaire 599 lm

3000K

On board dimmer

- 03.8157.40
- 03.8157.05
- 03.8157.14
- *Dali Version
- 03.8157.40.DA
- 03.8157.05.DA
- 03.8157.14.DA
- *1-10V
- 03.8157.40.1V
- 03.8157.05.1V
- 03.8157.14.1V



Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1437	0.73
2	359	1.45
3	160	2.18
4	90	2.91
5	57	3.64

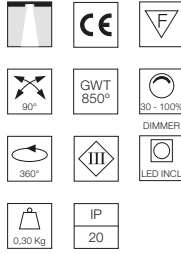
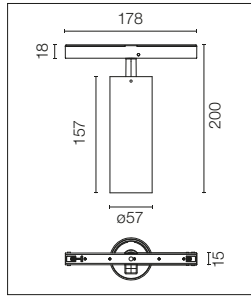
Luminous flux luminaire 629 lm

* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile.
Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

INFRA-STRUCTURE – LIGHT MODULES

Spot 150

Light Source: LED Array 22,5W - 2000 lm - 2700K/CRI 90 / 22,5W - 2115 lm - 3000K/CRI 90



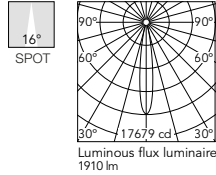
Module d'éclairage LED d'accent à installer sur le système Infra-Structure.

Accent lighting LED module to be installed in The Infra-Structure System.

2700K

On board dimmer

- 03.8072.40
- 03.8072.05
- 03.8072.14
- *Dali Version
- 03.8072.40.DA
- 03.8072.05.DA
- 03.8072.14.DA
- *1-10V
- 03.8072.40.1V
- 03.8072.05.1V
- 03.8072.14.1V



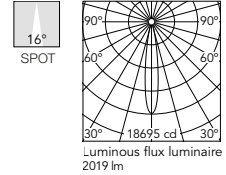
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	17679	0.28
2	4420	0.56
3	1964	0.84
4	1105	1.12
5	707	1.40

3000K

On board dimmer

- 03.8073.40
- 03.8073.05
- 03.8073.14
- *Dali Version
- 03.8073.40.DA
- 03.8073.05.DA
- 03.8073.14.DA
- *1-10V
- 03.8073.40.1V
- 03.8073.05.1V
- 03.8073.14.1V



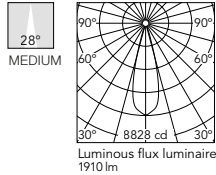
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	18695	0.28
2	4674	0.56
3	2077	0.84
4	1168	1.12
5	748	1.40

2700K

On board dimmer

- 03.8074.40
- 03.8074.05
- 03.8074.14
- *Dali Version
- 03.8074.40.DA
- 03.8074.05.DA
- 03.8074.14.DA
- *1-10V
- 03.8074.40.1V
- 03.8074.05.1V
- 03.8074.14.1V



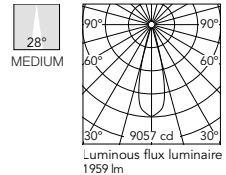
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	8828	0.50
2	2207	1.00
3	981	1.50
4	552	2.00
5	353	2.50

3000K

On board dimmer

- 03.8075.40
- 03.8075.05
- 03.8075.14
- *Dali Version
- 03.8075.40.DA
- 03.8075.05.DA
- 03.8075.14.DA
- *1-10V
- 03.8075.40.1V
- 03.8075.05.1V
- 03.8075.14.1V



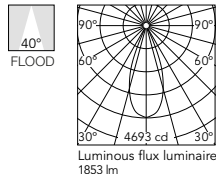
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	9057	0.50
2	2264	1.00
3	1006	1.50
4	566	2.00
5	362	2.50

2700K

On board dimmer

- 03.8076.40
- 03.8076.05
- 03.8076.14
- *Dali Version
- 03.8076.40.DA
- 03.8076.05.DA
- 03.8076.14.DA
- *1-10V
- 03.8076.40.1V
- 03.8076.05.1V
- 03.8076.14.1V



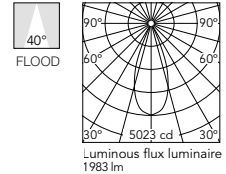
Beam Angle: 40°

h(m)	E(lx)	D(m)
1	4693	0.73
2	1173	1.46
3	521	2.18
4	293	2.91
5	188	3.64

3000K

On board dimmer

- 03.8077.40
- 03.8077.05
- 03.8077.14
- *Dali Version
- 03.8077.40.DA
- 03.8077.05.DA
- 03.8077.14.DA
- *1-10V
- 03.8077.40.1V
- 03.8077.05.1V
- 03.8077.14.1V



Beam Angle: 40°

h(m)	E(lx)	D(m)
1	5023	0.73
2	1256	1.46
3	558	2.18
4	314	2.91
5	201	3.64

* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile.
Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.






INFRA - STRUCTURE

Accessoires / Accessories

Spot 150

Croix anti-éblouissement, lentilles et honeycomb à installer directement sur la tête du luminaire sans aucun autre accessoire de fixation.
Il est possible d'installer à la fois honeycomb + lentille.

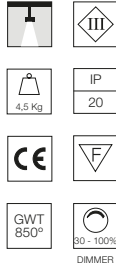
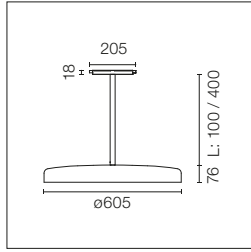
Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire without needing any fastening accessory.
Installation compatible with honeycomb + lense at the same time.

Croix anti-éblouissement.	Screening crosspiece.		08.8429.00
Lentille elliptique.	Elliptical lens.		08.8431.00
Lentille flood.	Flood lens.		08.8432.00
Honeycomb.	Honeycomb.		08.8428.00
Cône anti-éblouissement.	Snoot shielding cone.		08.0526.00

INFRA-STRUCTURE – LIGHT MODULES

Suspension Panel 600

Light Source: Top LED 40W - 3195 lm - 2700K/CRI 90 / 40W - 3381 lm - 3000K/ CRI 90



Suspension plafond avec tige rigide pour être installée sur le système Infra-Structure.

Suspended luminaire with rigid rod, to be installed in the Infra-Structure system.

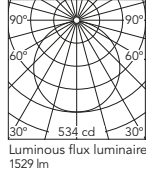
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

2700K

L: 100 mm

- E I On board dimmer
- 03.8140.40
- E I *Dali Version
- 03.8140.40.DA
- E I *1-10V
- 03.8140.40.1V



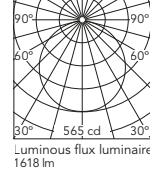
Beam Angle: 113°

h(m)	Et(x)	D(m)
1	534	3.02
2	134	6.04
3	59	9.06
4	33	12.08
5	21	15.10

3000K

L: 100 mm

- E I On board dimmer
- 03.8142.40
- E I *Dali Version
- 03.8142.40.DA
- E I *1-10V
- 03.8142.40.1V



Beam Angle: 113°

h(m)	Et(x)	D(m)
1	565	3.02
2	141	6.04
3	63	9.06
4	35	12.08
5	23	15.10

L: 400 mm

- E I On board dimmer
- 03.8141.40
- E I *Dali Version
- 03.8141.40.DA
- E I *1-10V
- 03.8141.40.1V

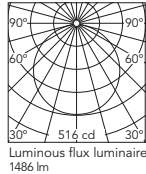
L: 400 mm

- E I On board dimmer
- 03.8143.40
- E I *Dali Version
- 03.8143.40.DA
- E I *1-10V
- 03.8143.40.1V

2700K

L: 100 mm

- E I On board dimmer
- 03.8140.14
- E I *Dali Version
- 03.8140.14.DA
- E I *1-10V
- 03.8140.14.1V



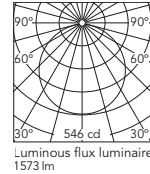
Beam Angle: 114°

h(m)	Et(x)	D(m)
1	516	3.06
2	129	6.11
3	57	9.17
4	32	12.22
5	21	15.28

3000K

L: 100 mm

- E I On board dimmer
- 03.8142.14
- E I *Dali Version
- 03.8142.14.DA
- E I *1-10V
- 03.8142.14.1V



Beam Angle: 114°

h(m)	Et(x)	D(m)
1	546	3.06
2	137	6.11
3	61	9.17
4	34	12.22
5	22	15.28

L: 400 mm

- E I On board dimmer
- 03.8141.14
- E I *Dali Version
- 03.8141.14.DA
- E I *1-10V
- 03.8141.14.1V

L: 400 mm

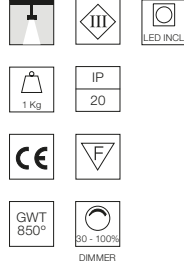
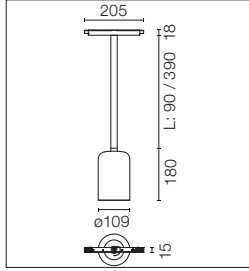
- E I On board dimmer
- 03.8143.14
- E I *Dali Version
- 03.8143.14.DA
- E I *1-10V
- 03.8143.14.1V

* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile.
Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

INFRA-STRUCTURE – LIGHT MODULES

Suspension Glass Downlight 110

Light Source: LED Array 13,5W - 1296 lm - 2700K/CRI 90 / 13,5W - 1371 lm - 3000K/CRI 90



Suspension plafond avec tige rigide et verre soufflé, avec différentes finitions, pour être installée sur le système Infra-Structure.

Suspended luminaire with rigid rod and blown glass in several finishes to be installed in the Infra-Structure system.

2700K

Black Rod

L: 100 mm

On board dimmer

- 03.8130.00
- 03.8130.FU
- 03.8130.RC

*Dali Version

- 03.8130.00.DA
- 03.8130.FU.DA
- 03.8130.RC.DA

*1-10V

- 03.8130.00.1V
- 03.8130.FU.1V
- 03.8130.RC.1V

L: 400 mm

On board dimmer

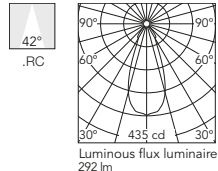
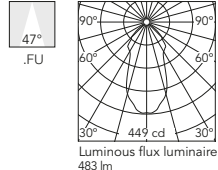
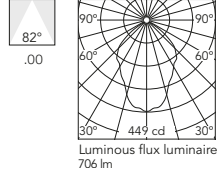
- 03.8131.00
- 03.8131.FU
- 03.8131.RC

*Dali Version

- 03.8131.00.DA
- 03.8131.FU.DA
- 03.8131.RC.DA

*1-10V

- 03.8131.00.1V
- 03.8131.FU.1V
- 03.8131.RC.1V



3000K

Black Rod

L: 100 mm

On board dimmer

- 03.8132.00
- 03.8132.FU
- 03.8132.RC

*Dali Version

- 03.8132.00.DA
- 03.8132.FU.DA
- 03.8132.RC.DA

*1-10V

- 03.8132.00.1V
- 03.8132.FU.1V
- 03.8132.RC.1V

L: 400 mm

On board dimmer

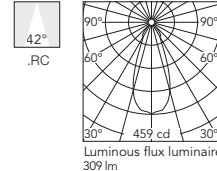
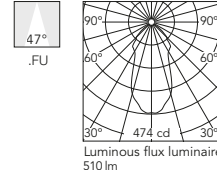
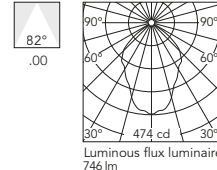
- 03.8133.00
- 03.8133.FU
- 03.8133.RC

*Dali Version

- 03.8133.00.DA
- 03.8133.FU.DA
- 03.8133.RC.DA

*1-10V

- 03.8133.00.1V
- 03.8133.FU.1V
- 03.8133.RC.1V



2700K

White Rod

L: 100 mm

On board dimmer

- 03.8135.00
- 03.8135.FU
- 03.8135.RC

*Dali Version

- 03.8135.00.DA
- 03.8135.FU.DA
- 03.8135.RC.DA

*1-10V

- 03.8135.00.1V
- 03.8135.FU.1V
- 03.8135.RC.1V

L: 400 mm

On board dimmer

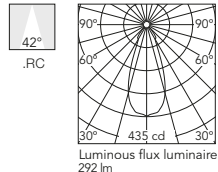
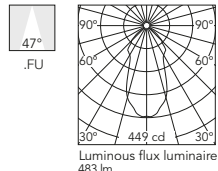
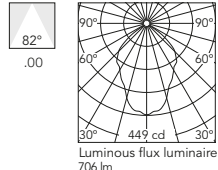
- 03.8136.00
- 03.8136.FU
- 03.8136.RC

*Dali Version

- 03.8136.00.DA
- 03.8136.FU.DA
- 03.8136.RC.DA

*1-10V

- 03.8136.00.1V
- 03.8136.FU.1V
- 03.8136.RC.1V



3000K

White Rod

L: 100 mm

On board dimmer

- 03.8137.00
- 03.8137.FU
- 03.8137.RC

*Dali Version

- 03.8137.00.DA
- 03.8137.FU.DA
- 03.8137.RC.DA

*1-10V

- 03.8137.00.1V
- 03.8137.FU.1V
- 03.8137.RC.1V

L: 400 mm

On board dimmer

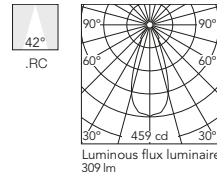
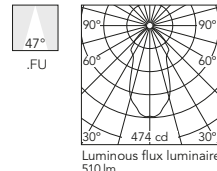
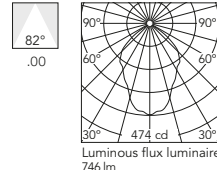
- 03.8138.00
- 03.8138.FU
- 03.8138.RC

*Dali Version

- 03.8138.00.DA
- 03.8138.FU.DA
- 03.8138.RC.DA

*1-10V

- 03.8138.00.1V
- 03.8138.FU.1V
- 03.8138.RC.1V



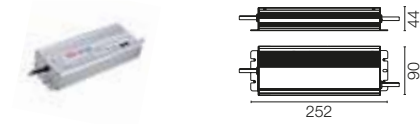
* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile. Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

00 Verre Transparent / 00 Transparent Glass
 FU Verre Fumé / FU Smoked Glass
 RC Verre Rouge / RC Red Glass

Appareillages / Drivers

Source d'alimentation LED pour installation à distance, 48V/320W. 100/240 Vac.

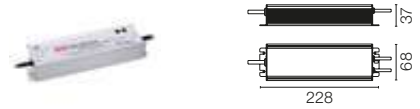
LED power supply source for remote installation, 48V/320W. 100/240 Vac.



**60.8919

Source d'alimentation LED pour installation à distance, 48V/185W. 100/240 Vac.

LED power supply source for remote installation, 48V/185W. 100/240 Vac.



**60.9024

Boitier de contrôle dimmable 1-10V 48V. Nécessaire pour transformer les systèmes de contrôle 1-10V passifs en actifs.

Dimmable control box 1-10V 48V. Necessary to transform passive 1-10V control systems into active ones.



■ 08.0613.14A

FLOS Smart Control® Bluetooth Gateway DALI

Passerelle FLOS Smart Control® bluetooth DALI. Nécessaire pour contrôler le système avec une application. Utiliser une unité pour chaque ligne de profilés jusqu'à un maximum de 64 luminaires par ligne. A utiliser avec des appareils DALI.

DALI Bluetooth FLOS Smart Control® Gateway. Necessary to control the system via APP. Use one unit per line of profiles, up to a maximum of 64 luminaires per lines. Use with DALI version luminaires.



□ 08.0610.40
■ 08.0610.14

** Pour calculer la dimension de l'installation, garder une marge de sécurité de 15% de la puissance maximale de l'alimentation LED.
For the sizing of the installation keep a safety margin of 15% of the maximum power of the LED power source.

ZERO TRACK

DESIGNED BY FLOS ARCHITECTURAL

SURFACE



Surface Profiles

40 Blanc	06 Chromé	14 Noir	CZ Bronze	18 Deep brown
40 White	06 Chrome	14 Black	CZ Bronze	18 Deep brown

LIGHT MODULES

FIND ME 0



LIGHT SOURCE
POWER LED
3,5W
300 lm
2700K/CRI 90
325 lm
3000K/CRI 90

FIND ME 1



LIGHT SOURCE
POWER LED
5,5W
450 lm
2700K/CRI 90
485 lm
3000K/CRI 90

FIND ME 1 SUSPENSION



LIGHT SOURCE
POWER LED
5,5W
450 lm
2700K/CRI 90
485 lm
3000K/CRI 90

ATOM 90



LIGHT SOURCE
POWER LED
5,5W
450 lm
2700K/CRI 90
485 lm
3000K/CRI 90

ATOM 120



LIGHT SOURCE
POWER LED
8W
635 lm
2700K/CRI 90
680 lm
3000K/CRI 90

ATOM 200



LIGHT SOURCE
POWER LED
10,5W
1050 lm
2700K/CRI 90
1150 lm
3000K/CRI 90

ZERO TRACK

Description

Ce nouveau système de profils pour une installation en surface se caractérise par ses dimensions réduites, ce qui lui confère une esthétique minimaliste appréciée dans diverses architectures. Pour les solutions dans des plafonds non accessibles, le système intègre des alimentations dimables, pilotées par des systèmes de contrôle 1-10V.

Des unités d'alimentation à distance, réglables par les systèmes DALI et CASAMBI broadcast sont disponibles.

Il possède un système de rails en aluminium extrudé mesurant jusqu'à 3 m et disponible en blanc, noir, brun foncé et bronze.

Ils sont équipés de pistes électriques alimentées en 24Vdc.

Système Optique

- Find Me 0: Spot.
- Find Me 1: Spot, Medium.
- Find Me 1 Suspension: Spot, Medium.
- Atom 90: Spot.
- Atom 120: Spot.
- Atom 200: Flood.

Unité d'Alimentation

Le système peut être alimenté par une alimentation à distance, non incluse, ou avec les équipements d'alimentation à insérer dans le rail, incluant une alimentation réglable.

Le connecteur d'alimentation a une réserve pour insérer des câbles à la fois depuis le haut et le côté. Les coins ne sont alimentés que par l'arrière.

La longueur maximale avec le même driver est de 10m.

Informations Complémentaires

Système électrique alimenté en 24Vdc et limité à un courant maximal de 8 A et 192 W.

Indice de protection IP20.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

This new system of profiles for surface installation is characterized by its reduced dimensions, providing a minimalist aesthetic which is highly appreciated in various architectural spaces. For non-accessible ceilings, the system has integrated dimmable power supplies, controlled by 1-10V broadcast control systems.

Available remote power supplies dimmable through DALI and CASAMBI Broadcast systems.

The system of extruded aluminum tracks up to 3 meters in white, black, deep brown and bronze.

They are equipped with electric tracks supporting 24Vdc power supplies.

Optic system

- Find Me 0: Spot, Medium.
- Find Me 1: Spot, Medium.
- Find Me 1 Suspension: Spot, Medium.
- Atom 90: Spot, Medium.
- Atom 120: Spot, Medium.
- Atom 200: General lighting.

Power Supply

The system can be powered by a remote power supply (not included) or by power supply equipments to be inserted in the track, which include a dimmable power supply.

The power connector has a space for inserting the cables both from the top and the side. The corners are powered only by the rear part.

The maximum length with the same driver is 10 meters.

Additional Information

Electrical system powered at 24Vdc and limited to a maximum current of 8A and a maximum power of 192W. IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

ZERO TRACK SURFACE – PROFILES

Profils

Profil électromécanique d'intérieur pour installation en surface (plafond ou mur) avec fixation grâce à des chevilles spécifiques fournies avec le profil. Avec des longueurs de 1 à 3 mètres.

Le connecteur d'alimentation, les connecteurs intermédiaires et les couvercles doivent se commander séparément.

Des coins électriques mécaniques, pouvant être alimentés, à 90° dans le même plan (élément symétrique pour les coins gauche et droit) et à 90° dans différents plans (plafond-mur et mur-mur intérieur) sont disponibles.

Pour les installations verticales, il est nécessaire d'installer la fixation (stopper), à commander séparément.

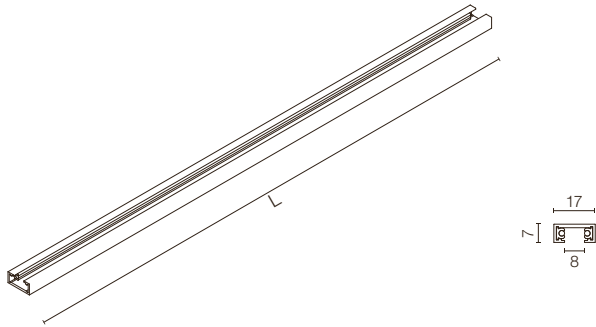
Profiles

Electro-mechanical indoor profile for surface installation (ceiling or wall). To be fixed with specific screw plugs that come with the profile. 1-meter to 3-meters lengths.

It is necessary to order the power connector, intermediate connectors and covers separately.

90°, powered, mechanical corners in the same plane (symmetrical element for left and right corner) and 90° corner in a different plane (ceiling-wall and interior wall-wall) are available.

For vertical installations, installing the stopper is mandatory. It must be ordered separately.

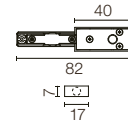


L: 1 m / 2 m / 3 m

	L: 1000 mm
	06.2500.40
	06.2500.06
	06.2500.14
	06.2500.CZ
	06.2500.18
	L: 2000 mm
	06.2501.40
	06.2501.06
	06.2501.14
	06.2501.CZ
	06.2501.18
	L: 3000 mm
	06.2502.40
	06.2502.06
	06.2502.14
	06.2502.CZ
	06.2502.18

Connecteur d'alimentation pour unité à distance. Il est possible d'insérer le câble d'alimentation depuis le haut et le côté.

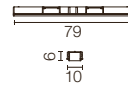
Feed unit for remote power supply unit. Power cable inserting is possible both from the top and the side.



	06.2505.40
	06.2505.14

Angle extérieur.

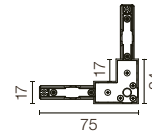
Intermediate connector.



	06.2506.40
	06.2506.14

Coin plat à 90°. Pouvant être alimenté, avec réserve pour raccordement par la partie arrière.

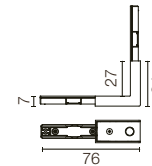
90° flat corner. Can be powered. It has a rear space for the supply connection.



	06.2507.40
	06.2507.14

Coin intérieur plafond / mur - mur / mur. Pouvant être alimenté, avec deux réserves pour raccordement par la partie arrière sur chaque coté.

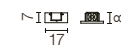
Ceiling/wall - wall/wall inner corner. Can be powered. It has two spaces for the supply connection located on each side at the rear.



	06.2508.40
	06.2508.14

Embout de finition.

End cap.



	06.2509.40
	06.2509.14

Stopper. Pour la fixation de luminaires dans des installations sur rail vertical.

Stopper. For fixing luminaires in vertical track installations.

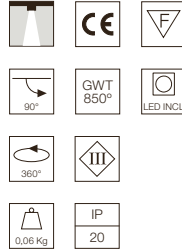
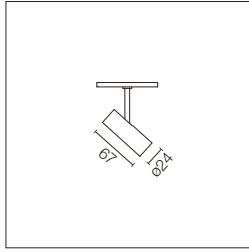


	08.0630.40
	08.0630.14

ZERO TRACK

Find Me 0 Designed By Jorge Herrera

Light Source: Power LED 3,5W - 300 lm - 2700K/CRI 90 / 3,5W - 325 lm - 3000K/CRI 90



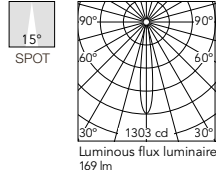
Module d'éclairage d'accentuation à LED, à installer dans le système Zero Track. Convertisseur électronique DC / DC incorporé. Module régulé par driver 1-10V, DALI ou CASAMBI. Dimmer non inclus. Système de contrôle Broadcast.

LED accent lighting module to be installed in the Zero Track system. Electronic DC/DC converter incorporated. Module controlled by 1-10V, DALI or CASAMBI. Dimmer not included. Broadcast control system.

Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

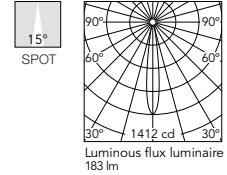
- 2700K**
 09.3801.40
 09.3801.06
 09.3801.14
 09.3801.CZ
 09.3801.18



Beam Angle: 15°

h(m)	Ef(x)	D(m)
1	1303	0.26
2	326	0.52
3	145	0.77
4	81	1.03
5	52	1.29

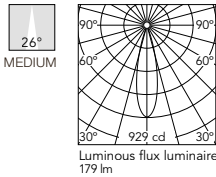
- 3000K**
 09.3800.40
 09.3800.06
 09.3800.14
 09.3800.CZ
 09.3800.18



Beam Angle: 15°

h(m)	Ef(x)	D(m)
1	1412	0.26
2	353	0.52
3	157	0.77
4	88	1.03
5	56	1.29

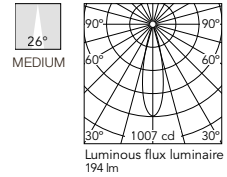
- 2700K**
 09.3803.40
 09.3803.06
 09.3803.14
 09.3803.CZ
 09.3803.18



Beam Angle: 26°

h(m)	Ef(x)	D(m)
1	929	0.45
2	232	0.89
3	103	1.34
4	58	1.79
5	37	2.23

- 3000K**
 09.3802.40
 09.3802.06
 09.3802.14
 09.3802.CZ
 09.3802.18

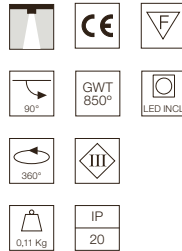
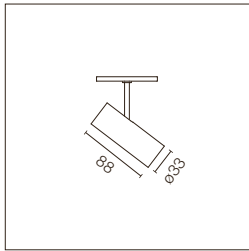


Beam Angle: 26°

h(m)	Ef(x)	D(m)
1	1007	0.45
2	252	0.89
3	112	1.34
4	63	1.79
5	40	2.23

Find Me 1 Designed By Jorge Herrera

Light Source: Power LED 5,5W - 450 lm - 2700K/CRI 90 / 5,5W - 485 lm - 3000K/CRI 90



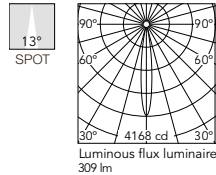
Module d'éclairage d'accentuation à LED, à installer dans le système Zero Track. Convertisseur électronique DC / DC incorporé. Module régulé par driver 1-10V, DALI ou CASAMBI. Dimmer non inclus. Système de contrôle Broadcast.

LED accent lighting module to be installed in the Zero Track system. Electronic DC/DC converter incorporated. Module controlled by 1-10V, DALI or CASAMBI. Dimmer not included. Broadcast control system.

Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

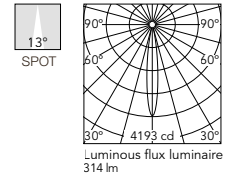
- 2700K**
 09.3812.40
 09.3812.06
 09.3812.14
 09.3812.CZ
 09.3812.18



Beam Angle: 13°

h(m)	Ef(x)	D(m)
1	4168	0.24
2	1042	0.48
3	463	0.72
4	261	0.95
5	167	1.19

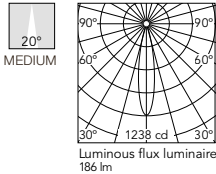
- 3000K**
 09.3810.40
 09.3810.06
 09.3810.14
 09.3810.CZ
 09.3810.18



Beam Angle: 13°

h(m)	Ef(x)	D(m)
1	4193	0.24
2	1048	0.49
3	466	0.73
4	262	0.97
5	168	1.21

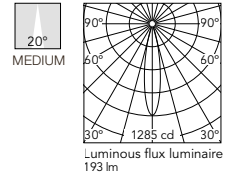
- 2700K**
 09.3813.40
 09.3813.06
 09.3813.14
 09.3813.CZ
 09.3813.18



Beam Angle: 20°

h(m)	Ef(x)	D(m)
1	1238	0.35
2	310	0.70
3	138	1.06
4	77	1.41
5	50	1.76

- 3000K**
 09.3811.40
 09.3811.06
 09.3811.14
 09.3811.CZ
 09.3811.18



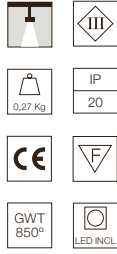
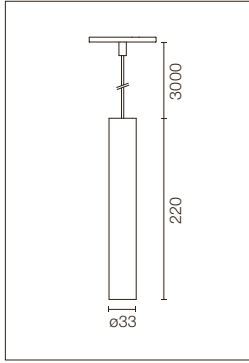
Beam Angle: 20°

h(m)	Ef(x)	D(m)
1	1285	0.35
2	321	0.70
3	143	1.06
4	80	1.41
5	51	1.76

ZERO TRACK

Find Me 1 Suspension Designed By Jorge Herrera

Light Source: Power LED 5,5W - 450 lm - 2700K/CRI 90 / 5,5W - 485 lm - 3000K/CRI 90



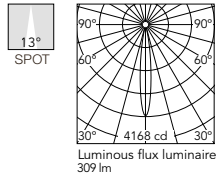
Module d'éclairage d'accentuation à LED, à installer dans le système Zero Track. Convertisseur électronique DC / DC incorporé. Module régulé par driver 1-10V, DALI ou CASAMBI. Dimmer non inclus. Système de contrôle Broadcast.

LED accent lighting module to be installed in the Zero Track system. Electronic DC/DC converter incorporated. Module controlled by 1-10V, DALI or CASAMBI. Dimmer not included. Broadcast control system. Not suitable for vertical installations.

Accessoires compris (honeycomb et croix anti-éblouissement).

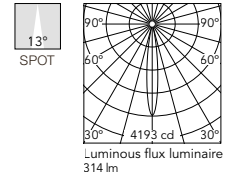
Accessories included (honeycomb and screening crosspiece).

2700K
09.3822.40
09.3822.06
09.3822.14
09.3822.CZ
09.3822.18



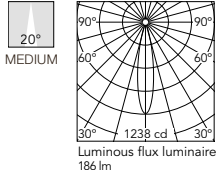
h(m)	E(lx)	D(m)
1	4168	0.24
2	1042	0.48
3	463	0.72
4	261	0.95
5	167	1.19

3000K
09.3820.40
09.3820.06
09.3820.14
09.3820.CZ
09.3820.18



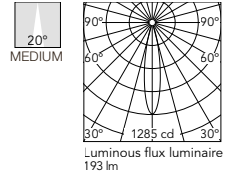
h(m)	E(lx)	D(m)
1	4193	0.24
2	1048	0.49
3	466	0.73
4	262	0.97
5	168	1.21

2700K
09.3823.40
09.3823.06
09.3823.14
09.3823.CZ
09.3823.18



h(m)	E(lx)	D(m)
1	1238	0.35
2	310	0.70
3	138	1.06
4	77	1.41
5	50	1.76

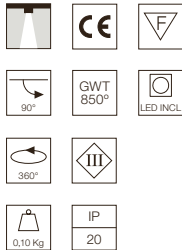
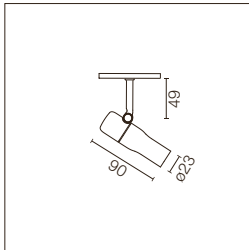
3000K
09.3821.40
09.3821.06
09.3821.14
09.3821.CZ
09.3821.18



h(m)	E(lx)	D(m)
1	1285	0.35
2	321	0.70
3	143	1.06
4	80	1.41
5	51	1.76

Atom 90 Designed By Piero Lissoni

Light Source: Power LED 5,5W* - 450 lm - 2700K/CRI 90 / 5,5W* - 485 lm - 3000K/CRI 90



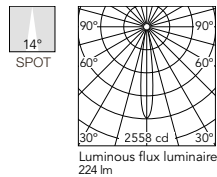
Module d'éclairage d'accentuation à LED, à installer dans le système Zero Track. Convertisseur électronique DC / DC incorporé. Module régulé par driver 1-10V, DALI ou CASAMBI. Dimmer non inclus. Système de contrôle Broadcast.

LED accent lighting module to be installed in the Zero Track system. Electronic DC/DC converter incorporated. Module controlled by 1-10V, DALI or CASAMBI. Dimmer not included. Broadcast control system.

Accessoires compris (honeycomb et croix anti-éblouissement).

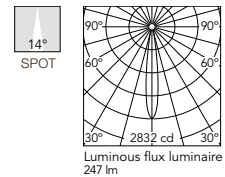
Accessories included (honeycomb and screening crosspiece).

2700K
09.3831.40
09.3831.06*
09.3831.14
09.3831.CZ
09.3831.18



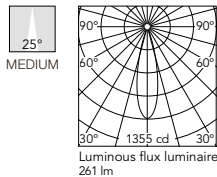
h(m)	E(lx)	D(m)
1	2558	0.25
2	640	0.51
3	284	0.76
4	160	1.02
5	102	1.27

3000K
09.3830.40
09.3830.06*
09.3830.14
09.3830.CZ
09.3830.18



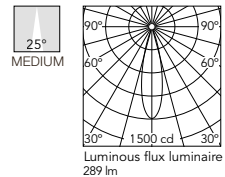
h(m)	E(lx)	D(m)
1	2832	0.25
2	708	0.51
3	315	0.76
4	177	1.02
5	113	1.27

2700K
09.3833.40
09.3833.06*
09.3833.14
09.3833.CZ
09.3833.18



h(m)	E(lx)	D(m)
1	1355	0.45
2	339	0.89
3	151	1.34
4	85	1.79
5	54	2.23

3000K
09.3832.40
09.3832.06*
09.3832.14
09.3832.CZ
09.3832.18



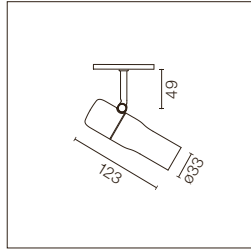
h(m)	E(lx)	D(m)
1	1500	0.45
2	375	0.89
3	167	1.34
4	94	1.79
5	60	2.23

* Pour la finition chromée, la puissance est de 4.7W. / For chrome finishes their power is 4.7W.

ZERO TRACK

Atom 120 Designed By Piero Lissoni

Light Source: Power LED 8W* - 635 lm - 2700K/CRI 90 / 8W* - 680 lm - 3000K/CRI 90



Module d'éclairage d'accentuation à LED, à installer dans le système Zero Track. Convertisseur électronique DC / DC incorporé. Module régulé par driver 1-10V, DALI ou CASAMBI. Dimmer non inclus. Système de contrôle Broadcast.

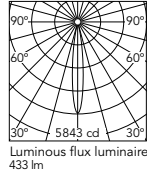
LED accent lighting module to be installed in the Zero Track system. Electronic DC/DC converter incorporated. Module controlled by 1-10V, DALI or CASAMBI. Dimmer not included. Broadcast control system.

Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

2700K

- 09.3841.40
- 09.3841.06*
- 09.3841.14
- 09.3841.CZ
- 09.3841.18

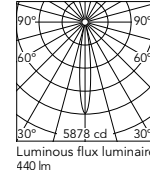


Beam Angle: 13°

h(m)	E(lx)	D(m)
1	5843	0.24
2	1461	0.48
3	649	0.72
4	365	0.95
5	234	1.19

3000K

- 09.3840.40
- 09.3840.06*
- 09.3840.14
- 09.3840.CZ
- 09.3840.18

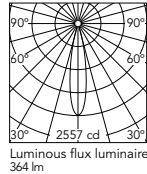


Beam Angle: 13°

h(m)	E(lx)	D(m)
1	5878	0.24
2	1469	0.49
3	653	0.73
4	367	0.97
5	235	1.21

2700K

- 09.3843.40
- 09.3843.06*
- 09.3843.14
- 09.3843.CZ
- 09.3843.18

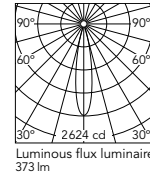


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2557	0.35
2	639	0.70
3	284	1.06
4	160	1.41
5	102	1.76

3000K

- 09.3842.40
- 09.3842.06*
- 09.3842.14
- 09.3842.CZ
- 09.3842.18

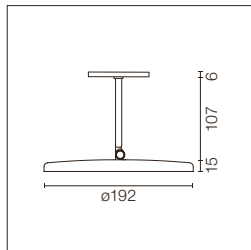


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2624	0.35
2	656	0.70
3	292	1.06
4	164	1.41
5	105	1.76

Atom 200 Designed By Piero Lissoni

Light Source: Power LED 10,5W - 1050 lm - 2700K/CRI 90 / 10,5W - 1150 lm - 3000K/CRI 90

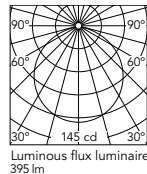


Module d'éclairage général à LED, à installer dans le système Zero Track. Convertisseur électronique DC / DC incorporé. Module régulé par driver 1-10V, DALI ou CASAMBI. Dimmer non inclus. Système de contrôle Broadcast.

LED general lighting module to be installed in the Zero Track system. Electronic DC/DC converter incorporated. Module controlled by 1-10V, DALI or CASAMBI. Dimmer not included. Broadcast control system. Not suitable for vertical installations.

2700K

- 09.3851.40
- 09.3851.06
- 09.3851.14
- 09.3851.CZ
- 09.3851.18

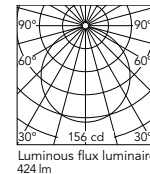


Beam Angle: 110°

h(m)	E(lx)	D(m)
1	145	2.86
2	36	5.73
3	16	8.59
4	9	11.45
5	6	14.32

3000K

- 09.3850.40
- 09.3850.06
- 09.3850.14
- 09.3850.CZ
- 09.3850.18



Beam Angle: 110°

h(m)	E(lx)	D(m)
1	156	2.86
2	39	5.73
3	17	8.59
4	10	11.45
5	6	14.32

* Pour la finition chromée, la puissance est de 6W. / For chrome finishes their power is 6W.

ZERO TRACK – DRIVERS

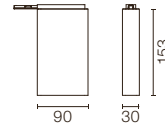
Appareillages / Drivers

1-10V Broadcast / Non Dimmable

Surface Installation

Alimentation finale pour installation en surface.
Dimable via le protocole 1 / 10V ou Non dimable. Ne peut pas être installé sur des rails muraux.

Power supply surface end.
Dimmable through 1/10V protocol or Non Dimmable. Not suitable for wall installations.

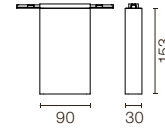


57W – 220/240V
06.2510.40
06.2510.06
06.2510.14
06.2510.CZ
06.2510.18

Surface Installation

Alimentation intermédiaire pour installation en surface.
Dimable via le protocole 1 / 10V ou Non dimable. Ne peut pas être installé sur des rails muraux.

Power supply surface middle.
Dimmable through 1/10V protocol or Non Dimmable. Not suitable for wall installations.

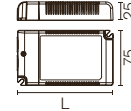


57W – 220/240V
06.2511.40
06.2511.06
06.2511.14
06.2511.CZ
06.2511.18

Remote Installation

Alimentation à distance.
Dimable via le protocole 1 / 10V ou Non dimable.

Remote power supply.
Dimmable through 1/10V protocol or Non Dimmable.

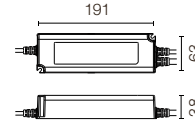


25W 110/240V – L:110
60.9359
45W 110/240V – L:120
60.9360
57W 220/240V – L:130
60.9361

Remote Installation

Alimentation à distance.
Dimable via le protocole 1/10V.

Remote power supply.
Dimmable through 1/10V protocol.



120W 110*/240V
60.9416

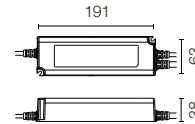
*UL max 100W

DALI

Remote Installation

Alimentation à distance.
Dimable via le protocole DALI.
Livello minimo di regolazione 10%.

Remote power supply.
Dimmable through DALI protocol.
Minimum dimming level 10%.



120W 110*/240V
60.9426

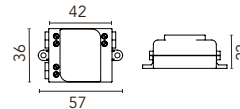
*UL max 100W

CASAMBI

Remote Installation

Contrôleur CASAMBI. Il est recommandé d'ajuster le niveau minimum de régulation à 5%. Nécessite un driver 1-10V ou Dali. Il doit être commandé séparément.

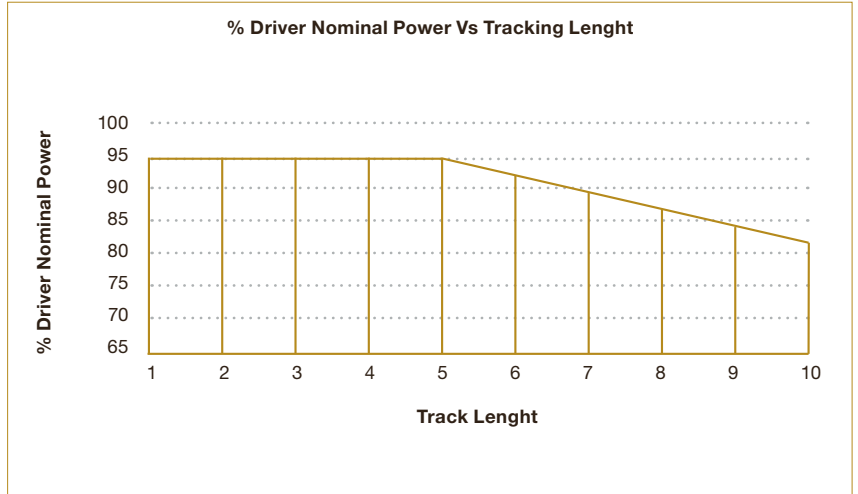
CASAMBI controller. It is recommended to adjust the minimum level of regulation to 5%. Requires 1-10V or Dali driver. It must be ordered separately.



60.9392

ZERO TRACK - DRIVERS

Track Length (m)	% Driver Nominal Power
1	95
2	95
3	95
4	95
5	95
6	93
7	91
8	89
9	87
10	85



Maximum cable length: (driver to track): 5 m
 Cable section: 2x1,5 mm²
 Maximum track length: 10 m
 Maximum power: 120W

Example:

Ref. 60.9361: 57W / 4 m track
 57W * 0,95 = 54,15W available

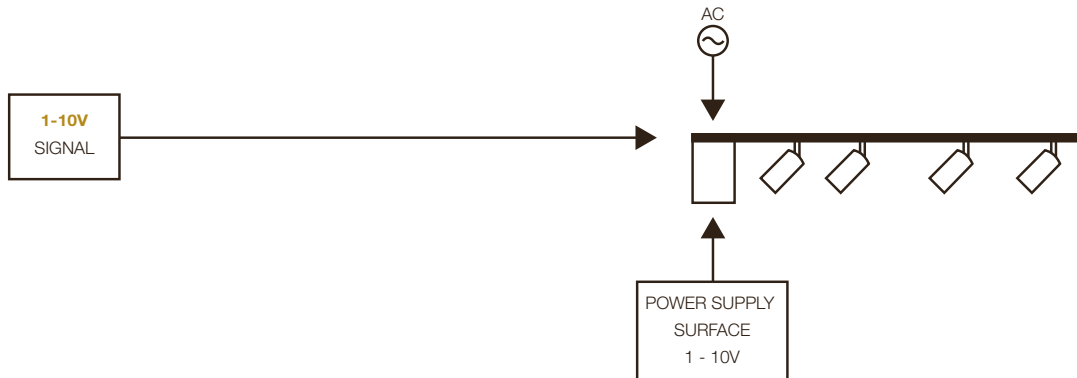
	W luminary	N° luminaries	W luminaries
Find Me 0	3,5	3	10,5
Find Me 1	5,5	0	0
Atom 90	5,5	3	16,5
Atom 120	8	2	16
Atom 200	10,5	1	10,5
Total system power: 53,5W			

ZERO TRACK - REGULATION SYSTEMS

Remote 1-10V/Non Dimmable Installations - *Broadcast



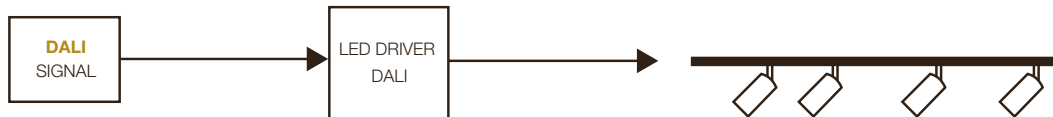
Surface 1-10V/Non Dimmable Installations - *Broadcast



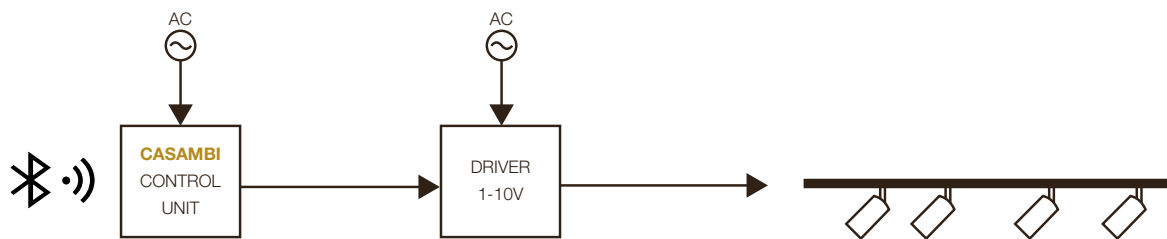
***Broadcast:** Régler tous les luminaires en même temps / Dimming all luminaries at the same time.

ZERO TRACK - REGULATION SYSTEMS

Remote DALI Installation - *Broadcast



Remote CASAMBI Installation - *Broadcast



***Broadcast:** Régler tous les luminaires en même temps / Dimming all luminaries at the same time.

ZERO TRACK – EASY PACKS – FIND ME 1

Power supply surface end + 2m track + 2 spots (Find Me 1)



□ 09.3880.40
■ 09.3880.14

Power supply surface end + 2m track + 3 spots (Find Me 1)



□ 09.3881.40
■ 09.3881.14

Power supply surface middle + 2x1m track + 2 spots (Find Me 1)



□ 09.3882.40
■ 09.3882.14

Power supply surface middle + 2x1m track + 4 spots (Find Me 1)



□ 09.3883.40
■ 09.3883.14

Power supply surface end + 3m track + 3 spots (Find Me 1)



□ 09.3884.40
■ 09.3884.14

Power supply surface end + 3m track + 4 spots (Find Me 1)



□ 09.3885.40
■ 09.3885.14

Power supply surface end + 2x2m track + Intermediate connector + 4 spots (Find Me 1)



□ 09.3886.40
■ 09.3886.14

Power supply surface middle + 2x2m track + 4 spots (Find Me 1)



□ 09.3887.40
■ 09.3887.14

ZERO TRACK – EASY PACKS – FIND ME 1

COLOURS	MODEL	UNITS
Black/White	FINDME 1 ZERO TRACK POWER LED 2700K CRI90 SPOT 5.5W	2
Black/White	TRACK 2 MT SURF ZERO TRACK	1
Black/White	BLIND END ZERO TRACK	1
Black/White	POWER SUPPLY SURFACE END 57W 1-10V ZERO TRACK	1

Power supply surface end + 2m track + 2 spots (Find Me 1)

09.3880.40
 09.3880.14

COLOURS	MODEL	UNITS
Black/White	FINDME 1 ZERO TRACK POWER LED 2700K CRI90 SPOT 5.5W	3
Black/White	TRACK 2m SURFACE ZERO TRACK	1
Black/White	BLIND END ZERO TRACK	1
Black/White	POWER SUPPLY SURFACE END 57W 1-10V ZERO TRACK	1

Power supply surface end + 2m track + 3 spots (Find Me 1)

09.3881.40
 09.3881.14

COLOURS	MODEL	UNITS
Black/White	FINDME 1 ZERO TRACK POWER LED 2700K CRI90 SPOT 5.5W	2
Black/White	TRACK 1m SURFACE ZERO TRACK	2
Black/White	BLIND END ZERO TRACK	2
Black/White	POWER SUPPLY SURFACE MIDDLE 57W 1-10V ZERO TRACK	1

Power supply surface middle + 2x1m track + 2 spots (Find Me 1)

09.3882.40
 09.3882.14

COLOURS	MODEL	UNITS
Black/White	FINDME 1 ZERO TRACK POWER LED 2700K CRI90 SPOT 5.5W	4
Black/White	TRACK 1m SURFACE ZERO TRACK	2
Black/White	BLIND END ZERO TRACK	2
Black/White	POWER SUPPLY SURFACE MIDDLE 57W 1-10V ZERO TRACK	1

Power supply surface middle + 2x1m track + 4 spots (Find Me 1)

09.3883.40
 09.3883.14

COLOURS	MODEL	UNITS
Black/White	FINDME 1 ZERO TRACK POWER LED 2700K CRI90 SPOT 5.5W	3
Black/White	TRACK 3m SURFACE ZERO TRACK	1
Black/White	BLIND END ZERO TRACK	1
Black/White	POWER SUPPLY SURFACE END 57W 1-10V ZERO TRACK	1

Power supply surface end + 3m track + 3 spots (Find Me 1)

09.3884.40
 09.3884.14

COLOURS	MODEL	UNITS
Black/White	FINDME 1 ZERO TRACK POWER LED 2700K CRI90 SPOT 5.5W	4
Black/White	TRACK 3m SURFACE ZERO TRACK	1
Black/White	BLIND END ZERO TRACK	1
Black/White	POWER SUPPLY SURFACE END 57W 1-10V ZERO TRACK	1

Power supply surface end + 3m track + 4 spots (Find Me 1)

09.3885.40
 09.3885.14

COLOURS	MODEL	UNITS
Black/White	FINDME 1 ZERO TRACK POWER LED 2700K CRI90 SPOT 5.5W	4
Black/White	TRACK 2m SURFACE ZERO TRACK	2
Black/White	STRAIGHT CONNECTOR ZERO TRACK	1
Black/White	BLIND END ZERO TRACK	2
Black/White	POWER SUPPLY SURFACE END 57W 1-10V ZERO TRACK	1

Power supply surface end + 2x2m track + Intermediate connector + 4 spots (Find Me 1)

09.3886.40
 09.3886.14

COLOURS	MODEL	UNITS
Black/White	FINDME 1 ZERO TRACK POWER LED 2700K CRI90 SPOT 5.5W	4
Black/White	TRACK 2m SURFACE ZERO TRACK	2
Black/White	BLIND END ZERO TRACK	2
Black/White	POWER SUPPLY SURFACE MIDDLE 57W 1-10V ZERO TRACK	1

Power supply surface middle + 2x2m track + 4 spots (Find Me 1)

09.3887.40
 09.3887.14

ZERO TRACK – EASY PACKS – ATOM 120

Power supply surface end + 2m track + 2 spots (Atom 120)



□ 09.3890.40
■ 09.3890.14

Power supply surface end + 2m track + 3 spots (Atom 120)



□ 09.3891.40
■ 09.3891.14

Power supply surface middle + 2x1m track + 2 spots (Atom 120)



□ 09.3892.40
■ 09.3892.14

Power supply surface middle + 2x1m track + 4 spots (Atom 120)



□ 09.3893.40
■ 09.3893.14

Power supply surface end + 3m track + 3 spots (Atom 120)



□ 09.3894.40
■ 09.3894.14

Power supply surface end + 3m track + 4 spots (Atom 120)



□ 09.3895.40
■ 09.3895.14

Power supply surface end + 2x2m track + Intermediate connector + 4 spots (Atom 120)



□ 09.3896.40
■ 09.3896.14

Power supply surface middle + 2x2m track + 4 spots (Atom 120)



□ 09.3897.40
■ 09.3897.14

ZERO TRACK – EASY PACKS – ATOM 120

COLOURS	MODEL	UNITS
Black/White	ATOM 120 ZERO TRACK POWER LED CCT=2700K CRI>90 SPOT 8W	2
Black/White	TRACK 2m SURFACE ZERO TRACK	1
Black/White	BLIND END ZERO TRACK	1
Black/White	POWER SUPPLY SURFACE END 57W 1-10V ZERO TRACK	1

Power supply surface end + 2m track + 2 spots (Atom 120)

09.3890.40
 09.3890.14

COLOURS	MODEL	UNITS
Black/White	ATOM 120 ZERO TRACK POWER LED CCT=2700K CRI>90 SPOT 8W	3
Black/White	TRACK 2m SURFACE ZERO TRACK	1
Black/White	BLIND END ZERO TRACK	1
Black/White	POWER SUPPLY SURFACE END 57W 1-10V ZERO TRACK	1

Power supply surface end + 2m track + 3 spots (Atom 120)

09.3891.40
 09.3891.14

COLOURS	MODEL	UNITS
Black/White	ATOM 120 ZERO TRACK POWER LED CCT=2700K CRI>90 SPOT 8W	2
Black/White	TRACK 1m SURFACE ZERO TRACK	2
Black/White	BLIND END ZERO TRACK	2
Black/White	POWER SUPPLY SURFACE MIDDLE 57W 1-10V ZERO TRACK	1

Power supply surface middle + 2x1m track + 2 spots (Atom 120)

09.3892.40
 09.3892.14

COLOURS	MODEL	UNITS
Black/White	ATOM 120 ZERO TRACK POWER LED CCT=2700K CRI>90 SPOT 8W	4
Black/White	TRACK 1m SURFACE ZERO TRACK	2
Black/White	BLIND END ZERO TRACK	2
Black/White	POWER SUPPLY SURFACE MIDDLE 57W 1-10V ZERO TRACK	1

Power supply surface middle + 2x1m track + 4 spots (Atom 120)

09.3893.40
 09.3893.14

COLOURS	MODEL	UNITS
Black/White	ATOM 120 ZERO TRACK POWER LED CCT=2700K CRI>90 SPOT 8W	3
Black/White	TRACK 3m SURFACE ZERO TRACK	1
Black/White	BLIND END ZERO TRACK	1
Black/White	POWER SUPPLY SURFACE END 57W 1-10V ZERO TRACK	1

Power supply surface end + 3m track + 3 spots (Atom 120)

09.3894.40
 09.3894.14

COLOURS	MODEL	UNITS
Black/White	ATOM 120 ZERO TRACK POWER LED CCT=2700K CRI>90 SPOT 8W	4
Black/White	TRACK 3m SURFACE ZERO TRACK	1
Black/White	BLIND END ZERO TRACK	1
Black/White	POWER SUPPLY SURFACE END 57W 1-10V ZERO TRACK	1

Power supply surface end + 3m track + 4 spots (Atom 120)

09.3895.40
 09.3895.14

COLOURS	MODEL	UNITS
Black/White	ATOM 120 ZERO TRACK POWER LED CCT=2700K CRI>90 SPOT 8W	4
Black/White	TRACK 2m SURFACE ZERO TRACK	2
Black/White	STRAIGHT CONNECTOR ZERO TRACK	1
Black/White	BLIND END ZERO TRACK	2
Black/White	POWER SUPPLY SURFACE END 57W 1-10V ZERO TRACK	1

Power supply surface end + 2x2m track + Intermediate connector + 4 spots (Atom 120)

09.3896.40
 09.3896.14

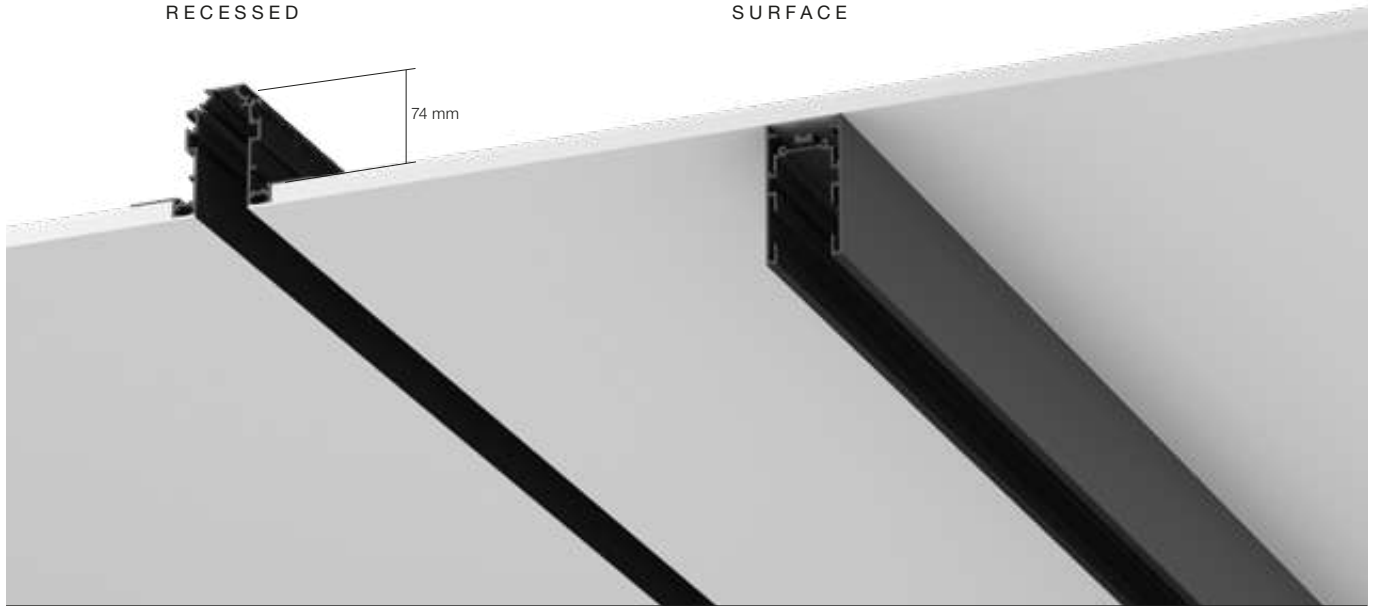
COLOURS	MODEL	UNITS
Black/White	ATOM 120 ZERO TRACK POWER LED CCT=2700K CRI>90 SPOT 8W	4
Black/White	TRACK 2m SURFACE ZERO TRACK	2
Black/White	BLIND END ZERO TRACK	2
Black/White	POWER SUPPLY SURFACE MIDDLE 57W 1-10V ZERO TRACK	1

Power supply surface middle + 2x2m track + 4 spots (Atom 120)

09.3897.40
 09.3897.14

RECESSED

SURFACE



Recessed Profiles 14 Noir
14 Black

Surface Profiles 40 Blanc
40 White 14 Noir
14 Black

LIGHT MODULES

THE FAST TRACK
SPOT 100



LIGHT SOURCE
POWER LED
13W
780 lm
3000K/CRI 90
830 lm
4000K/CRI 90

THE FAST TRACK
SPOT 150



LIGHT SOURCE
LED ARRAY
25,5W
1950 lm
3000K/CRI 90
2110 lm
4000K/CRI 90

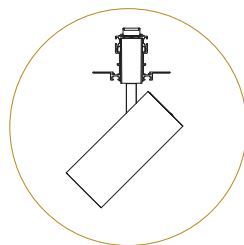
THE FAST TRACK
SPOT 175



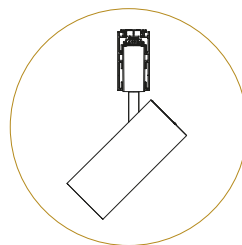
LIGHT SOURCE
LED ARRAY
38,5W
3415 lm
3000K/CRI 90
3585 lm
4000K/CRI 90

14 Noir
14 Black

BW Blanc
BW White



Recessed Profile



Surface Profile

Description

L'unique système mondial de déplacement et d'orientation à distance de groupes de luminaires.

Système pour l'intérieur disponible en versions surface et encastrée au plafond. Équipé d'un contrôle sans fil via le système FLOS Smart Control® utilisant un Gateway Bluetooth contrôlé par l'APP pour les appareils mobiles (portée d'environ 20 m). Chaque Gateway peut contrôler jusqu'à 40 luminaires. Il n'est pas possible de contrôler deux gateways en même temps.

Les modules d'éclairage intègrent des servos pour les déplacer et les orienter, ainsi que des capteurs pour détecter d'autres spots et l'extrémité du rail.

Le système peut reconnaître à tout moment l'emplacement de chaque spot et il peut mémoriser jusqu'à 24 scènes lumineuses, en mémorisant l'orientation, la rotation et l'intensité de la lumière, pour une utilisation ultérieure, ainsi que 4 horaires différents pour passer d'une scène à l'autre. Il est possible aussi de changer complètement de scène lumineuse en récupérant les compositions mémorisées avec un simple clic. Le déplacement doit toujours être effectué manuellement et individuellement via l'APP.

Profilés structuraux du système fabriqués en aluminium extrudé en noir et plaqués en blanc pour la version 40, comportant des pistes électriques alimentées en 48V, sur lesquelles sont installés les luminaires à LED grâce au système de fixation mécanique.

La gamme de produit est composée d'appareils d'éclairage d'accentuation avec différentes optiques.

L'unique système de contrôle est FLOS Smart Control®. Prévoir l'application pour smartphone (disponible sur Apple Store).

La longueur maximale pour chaque alimentation est de 20 m.

La longueur maximale entre l'alimentation et le début du rail est de 2 m.

Système Optique

Les modules d'éclairage d'accentuation sont disponibles avec des optiques en verre à haut rendement avec des angles super spot, spot, medium et flood.

Unité d'Alimentation

Alimentation à distance de 48V non incluse.

Informations Complémentaires

Indice de protection IP20.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

The only global system able to transfer and guide luminaire groups remotely.

System for indoor use, available in surface and recessed in ceiling versions. Equipped with wireless control through the FLOS Smart Control® system through a Bluetooth Gateway to be controlled by the APP for mobile devices (20m range approx.). Each Gateway can control up to 40 luminaries. It is not possible to control two gateways at the same time.

The lighting modules incorporate servos for moving and orienting them, as well as sensors to detect other spots and the end of the track.

The system can recognize the location of each spot at all times and memorize up to 24 scenes of light. It memorizes the orientation, rotation and light intensity for later use, as well as 4 time schedules to change from one scene to another.

The light scene can also be completely changed by recovering the memorized compositions with a simple click. The movement must always be performed manually and individually through the APP.

Structural profiles of the system are manufactured in black extruded aluminum and are white plated for the 40 version, provided with electric tracks fed at 48V, on which the LED luminaries are installed by means of a mechanical fixing system.

The family is composed of accent lighting, with different optics.

The only available control system is FLOS Smart Control®. The app for mobile devices is also necessary (available from the Apple Store).

The maximum length for each power source is 20 m.

The maximum length between the power supply and the start of the track is 2 m.

Optic system

The accent light modules are available with high-performance crystal optics. Super spot, spot, medium and flood angles.

Power Supply

Remote 48V power source not included.

Additional Information

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

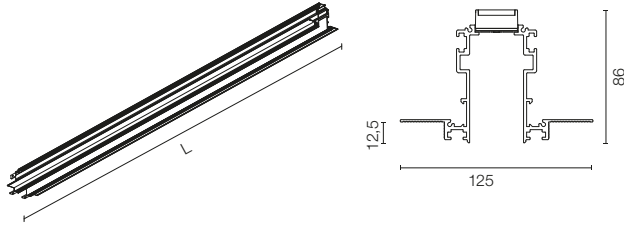
Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

THE FAST TRACK – RECESSED PROFILES

Profils

Profilé électromécanique pour des installations encastrées dans des plafonds en carton-plâtre avec des longueurs comprises entre 1 m et 3 m. Les câbles d'alimentation et d'interconnexion sont à commander séparément. Les pièces de fermeture sont à commander séparément. Les kits de fixation, fixe ou réglable, sont en option. Les kits de fixation au plafond permettent une installation sans avoir besoin de profilés de fixation en aluminium TC.



L: 1 m / 1,5 m / 2 m / 3 m

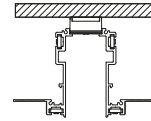
Profiles

Electro-mechanical profile for recessed installations in plasterboard ceilings, with 1m to 3m lengths. Power and interconnection cables must be ordered separately. The covers must be ordered separately. Fixed or adjustable fastening kits available (optional). The roof fastening kits enable installation without the need for aluminium TC fastening profiles.

- L: 1000 mm 06.1850.14
- L: 1500mm 06.1851.14
- L: 2000 mm 06.1852.14
- L: 3000 mm 06.1853.14

Kit de fixation au plafond fixe (en option). Kit de 2 unités.

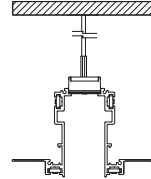
Fixed ceiling kit (optional). 2 unit kit.



■ 08.8866.14

Kit de fixation au plafond ajustable (en option). Kit de 2 unités.

Adjustable ceiling kit (optional). 2 unit kit.



■ 08.8867.14

Profile (mm)	Quantities Ceiling Kit (units)
1000	2
2000	3

Tige de suspension de 1m avec rosace avec filetage m6.

1-m suspension rod with ceiling rose with m6 thread.



□ 60.3097.11
■ 60.3097.14

Embouts de finition. Ils doivent être commandés séparément. Kit de 2 unités.

End caps. To be ordered separately. 2 unit kit.

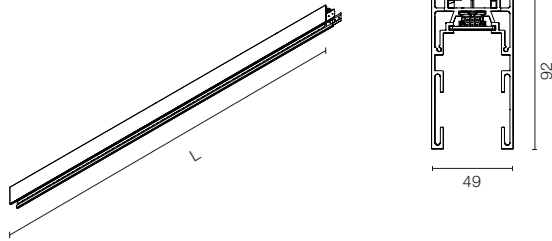


■ 08.9070.14

THE FAST TRACK – SURFACE PROFILES

Profils

Profilé électromécanique pour des installations en surface dans des plafonds en carton-plâtre avec des longueurs comprises entre 1 m et 3 m. Non valide pour des installations en suspension. Les câbles d'alimentation et d'interconnexion sont à commander séparément. Les couvercles doivent se commander séparément.



L: 1 m / 1,5 m / 2 m / 3 m

Profiles

Electro-mechanical profile for surface installations in plasterboard ceilings, with 1m to 3m lengths. Not suitable for suspended installations. Power and interconnection cables must be ordered separately. Covers must be ordered separately.

- L: 1000 mm
 - 06.1860.40
 - 06.1860.14
- L: 1500 mm
 - 06.1861.40
 - 06.1861.14
- L: 2000 mm
 - 06.1862.40
 - 06.1862.14
- L: 3000 mm
 - 06.1863.40
 - 06.1863.14

Embouts de finition. Ils doivent être commandés séparément. Kit de 2 unités.

End caps. Must be ordered separately. 2 unit kit.



- 08.9071.40
- 08.9071.14

The Fast Track Recessed / Surface versions

Stopper. Pour éviter que les spots n'envahissent des parties de rails alimentées par un autre driver et pour éviter de dépasser la puissance maximale tolérée de chaque driver. Peut être utilisé également pour limiter le mouvement pour d'autres raisons.

Stopper. To prevent spots from invading track areas powered by another driver and to prevent exceeding the maximum allowed power of each driver. It can also be used to limit movement for other reasons.



- 08.9074.14

Câble d'alimentation et continuité des données.

Power and data continuity cable.



06.0303.00

Câble de connexion. Connexion électrique et de données.

Connection cable. Electrical and data connection.



06.0301.00

Câble de connexion. Connexion de données.

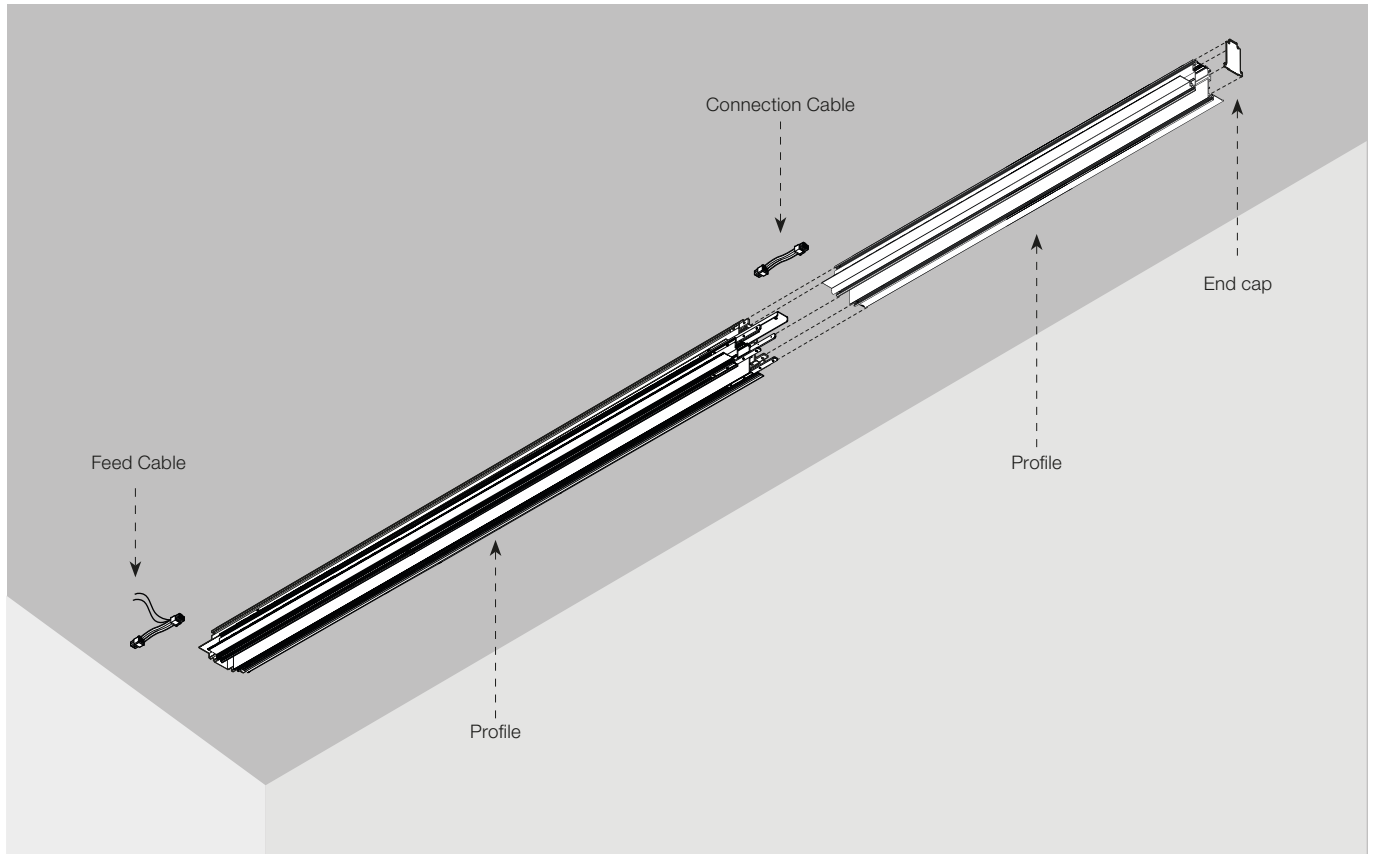
Connection cable. Data connection.



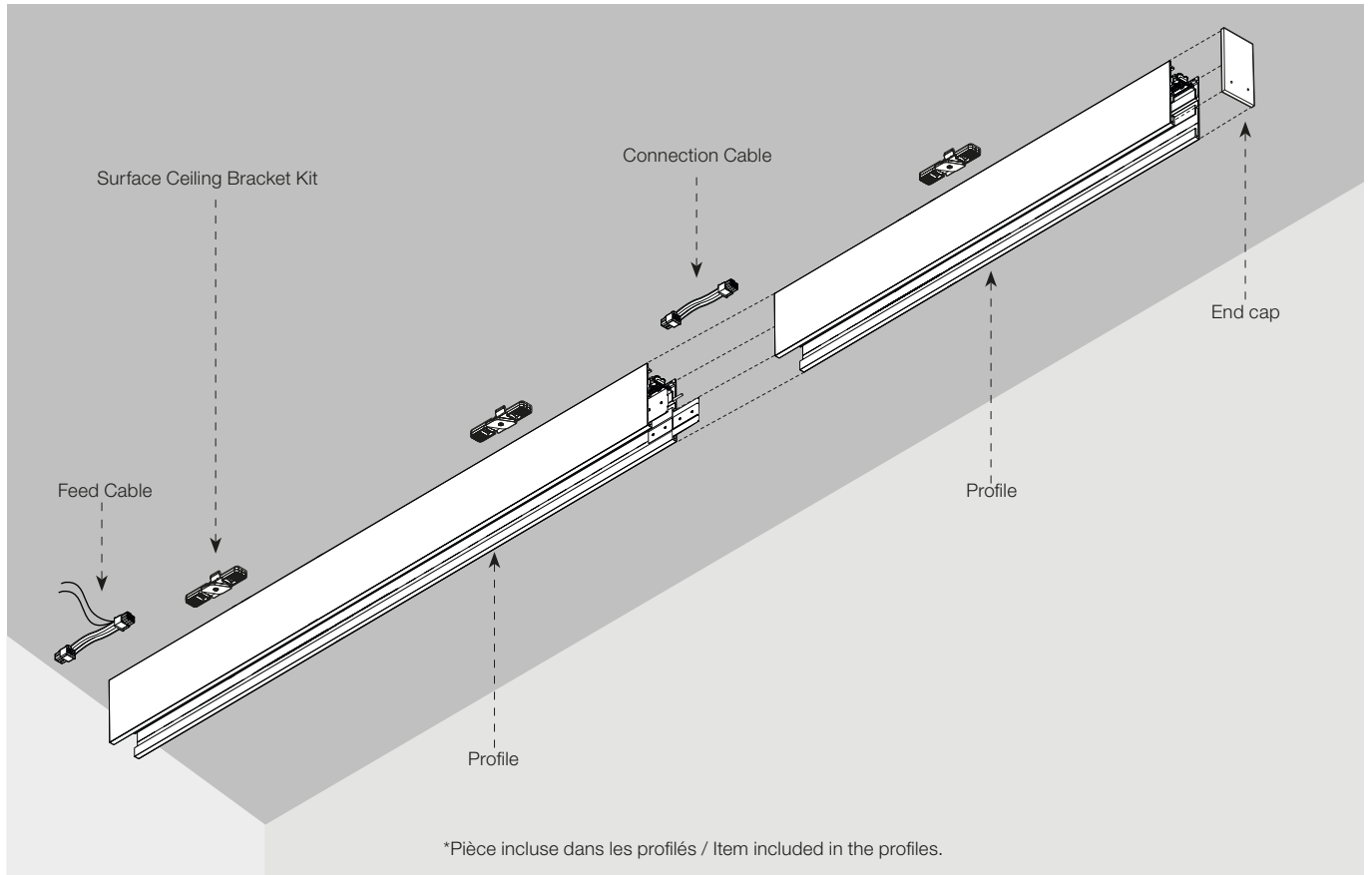
06.0302.00

THE FAST TRACK – INSTALLATION PROFILES

RECESSED INSTALLATION



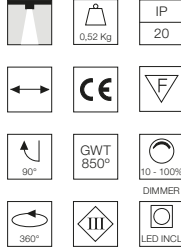
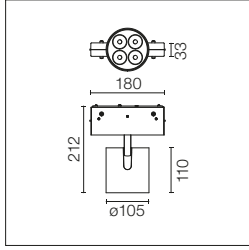
SURFACE INSTALLATION



THE FAST TRACK – LIGHT MODULES

The Fast Track Spot 100

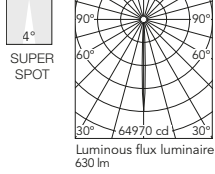
Light Source: Power LED 13W - 830 lm - 3000K/CRI 90 / 13W - 878 lm - 4000K/CRI 90



Projecteur LED pour profilé du système The Fast Track avec optiques super spot (conseillé pour les grandes hauteurs), medium et flood.
Les boîtiers des luminaires sont fabriqués uniquement en noir.

Spotlight to be installed in the The Fast Track system profile with a LED light source and super spot optic, very useful for great heights, medium and flood.
The boxes of the luminaires are manufactured only in black.

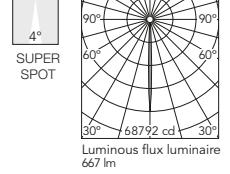
3000K
09.9010.BW
09.9010.14



Beam Angle: 4°

h(m)	E(lx)	D(m)
1	64970	0.07
2	16243	0.14
3	7219	0.21
4	4061	0.28
5	2599	0.35

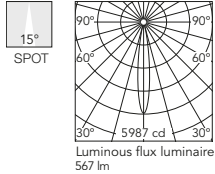
4000K
09.9015.BW
09.9015.14



Beam Angle: 4°

h(m)	E(lx)	D(m)
1	68792	0.07
2	17198	0.14
3	7644	0.21
4	4300	0.28
5	2752	0.35

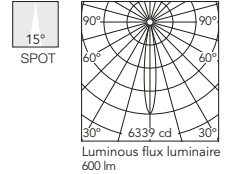
3000K
09.9011.BW
09.9011.14



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	5987	0.26
2	1497	0.52
3	665	0.77
4	374	1.03
5	239	1.29

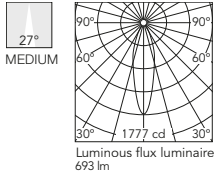
4000K
09.9016.BW
09.9016.14



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	6339	0.26
2	1585	0.52
3	704	0.77
4	396	1.03
5	254	1.29

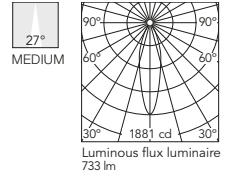
3000K
09.9012.BW
09.9012.14



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1777	0.48
2	444	0.95
3	197	1.43
4	111	1.91
5	71	2.38

4000K
09.9017.BW
09.9017.14



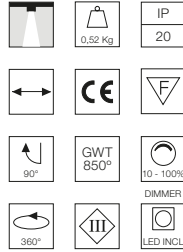
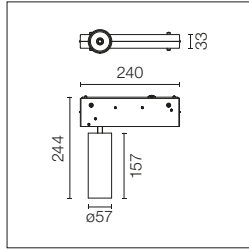
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1881	0.48
2	470	0.95
3	209	1.43
4	118	1.91
5	75	2.38

THE FAST TRACK – LIGHT MODULES

The Fast Track Spot 150

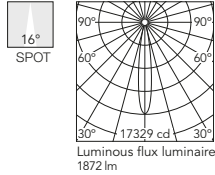
Light Source: LED Array 25,5W - 2080 lm - 3000K/CRI 90 / 25,5W - 2262 lm - 4000K/CRI 90



Projecteur LED pour profilé du système The Fast Track avec optiques en verre : spot, medium et flood à haut rendement. Les boîtiers des luminaires sont fabriqués uniquement en noir.

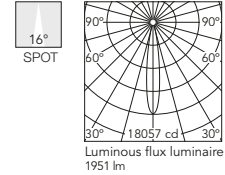
Spotlight to be installed in the The Fast Track system profile with a LED light source and glass optics: high performance spot, medium and flood lights. The boxes of the luminaires are manufactured only in black.

3000K
09.9023.BW
09.9023.14



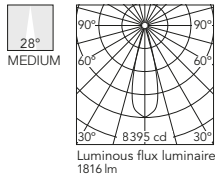
Beam Angle: 16°
h(m) E(lx) D(m)
1 17329 0.28
2 4332 0.56
3 1925 0.84
4 1083 1.12
5 693 1.40

4000K
09.9026.BW
09.9026.14



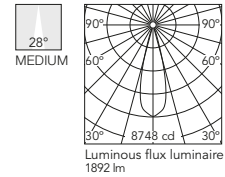
Beam Angle: 16°
h(m) E(lx) D(m)
1 18057 0.28
2 4514 0.56
3 2006 0.84
4 1129 1.12
5 722 1.40

3000K
09.9024.BW
09.9024.14



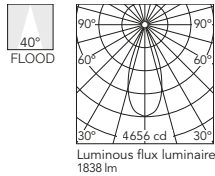
Beam Angle: 28°
h(m) E(lx) D(m)
1 8395 0.50
2 2099 1.00
3 933 1.50
4 525 2.00
5 336 2.50

4000K
09.9027.BW
09.9027.14



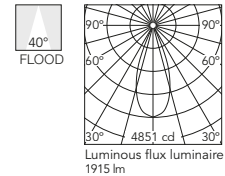
Beam Angle: 28°
h(m) E(lx) D(m)
1 8748 0.50
2 2187 1.00
3 972 1.50
4 547 2.00
5 350 2.50

3000K
09.9025.BW
09.9025.14



Beam Angle: 40°
h(m) E(lx) D(m)
1 4656 0.73
2 1164 1.46
3 517 2.18
4 291 2.91
5 186 3.64

4000K
09.9028.BW
09.9028.14



Beam Angle: 40°
h(m) E(lx) D(m)
1 4851 0.73
2 1213 1.46
3 539 2.18
4 303 2.91
5 194 3.64

Accessoires / Accessories

The Fast Track Spot 150

Croix anti-éblouissement, lentilles et honeycomb à installer directement sur la tête du luminaire sans aucun autre accessoire de fixation. Il est possible d'installer à la fois honeycomb + lentille.

Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire without needing any fastening accessory. Installation compatible with honeycomb + lense at the same time.

Croix anti-éblouissement.

Screening crosspiece.



08.8429.00

Lentille elliptique.

Elliptical lens.



08.8431.00

Lentille flood.

Flood lens.



08.8432.00

Honeycomb.

Honeycomb.



08.8428.00

Cône anti-éblouissement.

Snoot shielding cone.

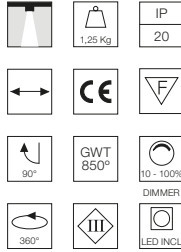
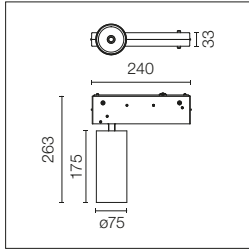


08.0526.00

THE FAST TRACK – LIGHT MODULES

The Fast Track Spot 175

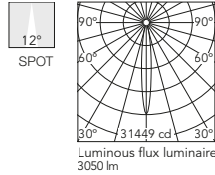
Light Source: LED Array 38,5W - 3348 lm - 3000K/CRI 90 / 38,5W - 3641 lm - 4000K/CRI 90



Projecteur LED pour profilé du système The Fast Track avec optiques en verre : spot, medium et flood à haut rendement. Les boîtiers des luminaires sont fabriqués uniquement en noir.

Spotlight to be installed in the The Fast Track system profile with a LED light source and glass optics: high performance spot, medium and flood lights. The boxes of the luminaires are manufactured only in black.

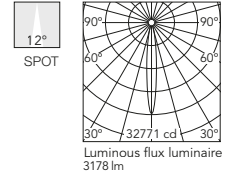
3000K
09.9033.BW
09.9033.14



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	31449	0.22
2	7862	0.43
3	3494	0.65
4	1966	0.87
5	1258	1.08

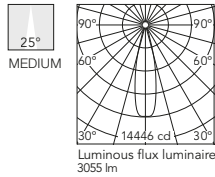
4000K
09.9036.BW
09.9036.14



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	32771	0.22
2	8193	0.43
3	3641	0.65
4	2048	0.87
5	1311	1.08

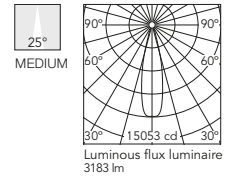
3000K
09.9034.BW
09.9034.14



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	14446	0.45
2	3611	0.90
3	1605	1.34
4	903	1.79
5	578	2.24

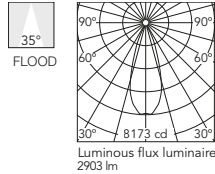
4000K
09.9037.BW
09.9037.14



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	15053	0.45
2	3763	0.90
3	1673	1.34
4	941	1.79
5	602	2.24

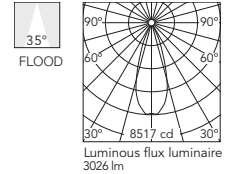
3000K
09.9035.BW
09.9035.14



Beam Angle: 35°

h(m)	E(lx)	D(m)
1	8173	0.64
2	2043	1.28
3	908	1.92
4	511	2.55
5	327	3.19

4000K
09.9038.BW
09.9038.14



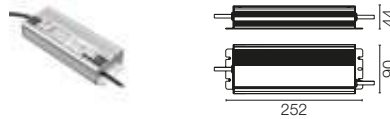
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	8517	0.64
2	2129	1.28
3	946	1.92
4	532	2.55
5	341	3.19

Appareillages / Drivers

Source d'alimentation LED pour installation à distance, 48V/320W. 100/240 Vac.

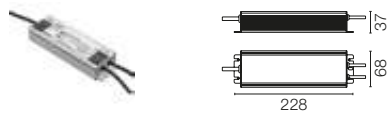
LED power supply source for remote installation, 48V/320W. 100/240 Vac.



*60.8919

Source d'alimentation LED pour installation à distance, 48V/185W. 100/240 Vac.

LED power supply source for remote installation, 48V/185W. 100/240 Vac.



*60.9024

FLOS Smart Control® Bluetooth Gateway

Passerelle FLOS Smart Control® bluetooth. Nécessaire pour contrôler le système avec une application.

FLOS Bluetooth Smart Control® Gateway. Necessary to control the system via APP.



06.1870.14

* Pour calculer la dimension de l'installation, garder une marge de sécurité de 15% de la puissance maximale de l'alimentation LED. For the sizing of the installation keep a safety margin of 15% of the maximum power of the LED power source.

RECESSED

SURFACE

SUSPENSION
UP&DOWN / DOWN



Recessed Profiles 14 Noir
 14 Black

Surface/Suspension Profiles 40 Blanc
 40 White 14 Noir
 14 Black

LIGHT MODULES

LIGHT STRIPE



LIGHT SOURCE
TOP LED
25W/m
2060 lm/m
2700K/CRI 90
2178 lm/m
3000K/CRI 90

SPOT MODULE



LIGHT SOURCE
POWER LED
8W
560 lm
2700K/CRI 90
600 lm
3000K/CRI 90

SPOT 120



LIGHT SOURCE
POWER LED
12,5W/14W DALI
985 lm
2700K/CRI 90
1060 lm
3000K/CRI 90

MULTI SPOT 4



LIGHT SOURCE
POWER LED
10W
4x226 lm
2700K/CRI 90
4x240 lm
3000K/CRI 90

LIGHT SHADOW



LIGHT SOURCE
POWER LED
10,8W
4x270 lm
2700K/CRI 90
4x285 lm
3000K/CRI 90

LIGHT SHADOW
WW



LIGHT SOURCE
POWER LED
10,8W
4x270 lm
2700K/CRI 90
4x285 lm
3000K/CRI 90

STRING LIGHT



LIGHT SOURCE
POWER LED
16W
1310 lm
2700K/CRI 90
1404 lm
3000K/CRI 90

MINI GLO-BALL



LIGHT SOURCE
POWER LED
3,5/7W
2700K/CRI 80
3000K/CRI 80

FIND ME
SUSPENSION



LIGHT SOURCE
POWER LED
8W
560 lm
2700K/CRI 90
600 lm
3000K/CRI 90

ANTHONY SPOT
TRACK



LIGHT SOURCE
POWER LED
16W
1310 lm
2700K/CRI 90
1404 lm
3000K/CRI 90



Light Stripe



Spot



Surface



Suspension



Recessed
Flos Kit
Installation



Recessed
Conventional
Installation

THE RUNNING MAGNET

Description

Système d'éclairage intérieur innovant en version encastré sur plafond en placo-plâtre, en surface ou suspendu, composé d'une série de rails magnétiques qui contiennent les modules d'éclairage LED.

Tous les profilés structurels de The Running Magnet sont fabriqués avec des profilés en aluminium extrudé blanc et noir, équipés d'une piste électrique graphite alimentée à 24V, sur laquelle tous les appareils sont installés par simple insertion magnétique.

La version suspendue est également disponible en éclairage indirect.

La gamme Running Magnet se compose de modules d'éclairage d'ambiance et d'accentuation avec différentes optiques ainsi que d'une sélection de luminaires décoratifs extraits et adaptés de FLOS Home Collection.

Les modules d'éclairage comportent un système de fixation magnétique qui permet une mobilité totale et une grande flexibilité. Tous les modules d'éclairage disposent d'un potentiomètre ou de l'option dimmable DALI.

Contrôle

- Pour la gestion par protocole DALI, il est nécessaire de connecter le bus de données de contrôle directement au profilé.

- Pour gérer le système FLOS Smart Control® il est nécessaire de demander des luminaires DALI ainsi qu'un profil d'alimentation pour Flos Smart Control® par ligne. 64 luminaires maximum par passerelle. Le gateway ne peut pas contrôler la partie UP.

Prévoir l'application pour smartphone (disponible sur Apple Store).

Système Optique

Le module à lumière d'accent est disponible avec un optique intensif (spot lens) et des optiques extensifs (narrow et wide narrow lens).

Unité d'Alimentation

Source d'alimentation à distance en 24V non comprise.

Accessoires

- Différentes lentilles pour Spot Module et Multi Spot 4.
- Anneau externe anti-éblouissement pour Spot Module.
- Lentille elliptique, flood et honeycomb pour Anthony Spot Track.
- Honeycomb et croix compris dans Spot 120.

Informations Complémentaires

La version encastrée est à installer exclusivement sur surfaces en placo-plâtre de 12,5mm d'épaisseur.

Le Running Magnet 2.0 est un système électrique alimenté en 24V et limité à un courant maximum de 8A et 185W pour éviter les surcharges.

Dès que l'on atteint 185W, établir une nouvelle connexion avec un profilé d'alimentation. Dans la version Up&Down, l'éclairage indirect et le rail électro-mécanique disposent chacun d'une alimentation indépendante.

Indice de protection IP20.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Innovative lighting system for indoor use, for surface, suspended or recessed mounting on plasterboard walls or ceilings, comprising a series of magnetic tracks that house the LED lighting modules.

The profile of all The Running Magnet structural tracks is extruded aluminum, painted black or white, housing a graphite electric track fed at 24V, on which all magnetic luminaires are installed simply by insertion.

Suspended track is also available with the option of indirect lighting.

The Running Magnet family is completed with ambient lighting units and accent units with different optics, as well as a selection of decorative luminaires taken and adapted from FLOS Home Collection.

The lighting modules incorporate a magnetic mounting system for total mobility and flexibility. All light modules are available with on board potentiometer or in the DALI dimmable option.

Control

- To manage using DALI protocol, it is necessary to connect the control data bus directly to the profile.

- To manage the FLOS Smart Control® system, it is necessary to order DALI luminaires and a power profile for the Flos Smart Control® for each line. Maximum 64 luminaires per Gateway. The gateway can not control the Up light.

The app for mobile devices is also necessary (available from the Apple Store).

Optic system

The accent light module is available with intensive optics (spot lens) and extensive optics (narrow and wide narrow lens).

Power Supply

Remote 24V power supply not included.

Accessories

- Different lenses for Spot Module and Multi Spot 4.
- Screening external ring for Spot Module.
- Elliptical, flood lens and honeycomb for Anthony Spot Track.
- Honeycomb and crosspiece included in Spot 120.

Additional Information

The Recessed version can only be installed on 12.5 mm thick plasterboard surfaces.

The Running Magnet 2.0 is a 24V electrical system limited to a maximum power current of 8A and 185W to avoid overloads.

After every 185W make a new connection with a feed unit profile.

In the Up&Down version indirect illumination and the electromechanical track are powered independently.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

THE RUNNING MAGNET RECESSED – PROFILES

Profils

Profil électro-mécanique pour installation encastrée dans les plafonds et les murs en placo-plâtre.

Profils linéaires disponibles en deux versions : profils d'alimentation pour connexion au driver et profilés intermédiaires. Les deux versions sont proposées en longueurs de 1 à 3 mètres. Embouts de finition compris dans les profilés d'alimentation.

Angles à 90° dans le même plan (élément symétrique pour angle gauche et droit), angles symétriques à 90° sur plan distinct en intérieur et extérieur. Equipés pour connexion au driver.

Kits de fixation, fixe ou réglable disponibles en option. Les kits de fixation au plafond permettent d'installer les profilés sans profilés de fixation en aluminium. Recommandé pour les installations qui permettent d'installer le profilé Running Magnet avant l'installation du faux plafond en placo plâtre. Le Gateway est inclus et fixé dans le profil d'alimentation FLOS Smart Control®. Il génère des signaux de contrôle sur tout le rail.

Profiles

Electromechanical profile for recessed installation in plasterboard ceilings and walls.

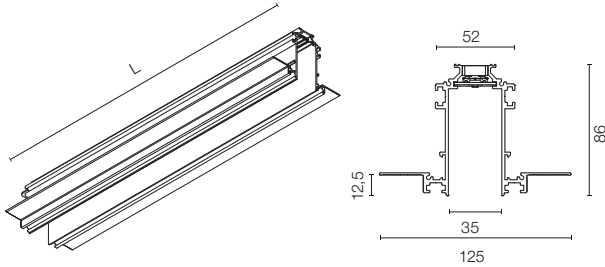
Linear profiles available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1 m to 3 m. Covers included with the power feed profiles.

90° corners available in the same plane (symmetrical element for left and right corners), symmetrical 90° inner and outer corners in different planes. For connection to the driver.

Permanent or adjustable fastening kits available (optional). The fastening kits for the roof permit installing without using aluminium fastening profiles.

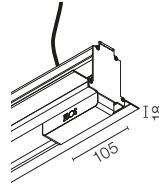
Recommended for installations where the Running Magnet cannot be installed before the suspended plasterboard ceiling.

The Gateway is included and fixed inside the FLOS Smart Control® power profile. It generates control signals all over the track.



Feed FLOS Smart Control® Profile

L: 1000 mm
■ 06.1970.14



Feed Unit Profiles

L: 1000 mm
■ 06.1638.14
L: 1500 mm
■ 06.1639.14
L: 2000 mm
■ 06.1640.14
L: 2500 mm
■ 06.1641.14
L: 3000 mm
■ 06.1642.14

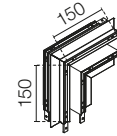
Intermediate Profiles

L: 1000 mm
■ 06.1643.14
L: 1500 mm
■ 06.1644.14
L: 2000 mm
■ 06.1645.14
L: 2500 mm
■ 06.1646.14
L: 3000 mm
■ 06.1647.14

L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

Angle 90°.

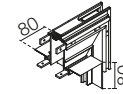
90° Corner.



■ 06.1648.14

Angle intérieur.

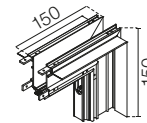
Inner corner.



■ 06.1650.14

Angle extérieur.

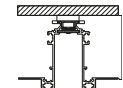
Outer corner.



■ 06.1651.14

Kit de fixation au plafond fixe (en option). Kit de 2 unités.

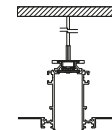
Fixed ceiling kit (optional). 2 unit kit.



■ 08.8866.14

Kit de fixation au plafond ajustable (en option). Kit de 2 unités.

Adjustable ceiling kit (optional). 2 unit kit.



■ 08.8867.14

Profile (mm)	Quantities Ceiling Kit (units)
1000 / 1500	2
2000 / 2500	3
3000	4

La hauteur minimale d'encastrement est de 121 mm.
The installation minimum height can not exceed 121mm.

Les embouts de finition sont inclus dans tous les profilés d'alimentation. Ils doivent uniquement être commandés séparément si l'installation se compose exclusivement de profilés intermédiaires et alimentés par les angles.

End caps come complete with all the feed unit profiles. These should only be ordered separately if the installation is exclusively composed of intermediate profiles and fed by corners.



■ 08.8865.14A

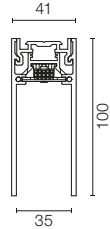
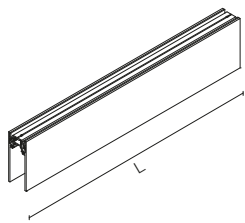
THE RUNNING MAGNET SURFACE – PROFILES

Profils

Profil électro-mécanique pour installation en surface.
 Profils linéaires disponibles en deux versions : profils d'alimentation pour connexion au driver et profilés intermédiaires. Les deux versions sont proposées en longueurs de 1 à 3 mètres.
 Embouts de finition compris dans les profilés d'alimentation. Accessoires de fixation inclus dans tous les produits.
 Angles à 90° sur le même plan (élément symétrique pour angle gauche et droit), angles symétriques à 90° sur plan distinct en intérieur et extérieur, sont communs aux versions Surface et Down.
 Equipés pour connexion au driver.
 La partie intérieure du profilé est toujours fournie en noir.
 Le Gateway est inclus et fixé dans le profil d'alimentation FLOS Smart Control®. Il génère des signaux de contrôle sur tout le rail.

Profiles

Electromechanical profile for surface-mounting.
 Linear profiles available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1 m to 3 m.
 Covers included with the power feed profiles. Attachment accessories included with all products.
 90° corners available in the same plane (symmetrical element for left and right corner) and 90° symmetrical internal corners in a different plane, for the Surface and Down versions. For connection to the driver.
 The inner part of the profile is always supplied in black.
 The Gateway is included and fixed inside the FLOS Smart Control® power profile. It generates control signals all over the track.



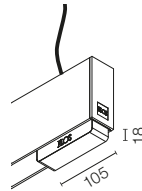
L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

Feed FLOS Smart

Control® Profile

L: 1000 mm

- 06.1971.40
- 06.1971.14



Feed Unit Profiles

L: 1000 mm

- 06.1600.40
- 06.1600.14

L: 1500 mm

- 06.1601.40
- 06.1601.14

L: 2000 mm

- 06.1602.40
- 06.1602.14

L: 2500 mm

- 06.1603.40
- 06.1603.14

L: 3000 mm

- 06.1604.40
- 06.1604.14

Intermediate Profiles

L: 1000 mm

- 06.1605.40
- 06.1605.14

L: 1500 mm

- 06.1606.40
- 06.1606.14

L: 2000 mm

- 06.1607.40
- 06.1607.14

L: 2500 mm

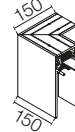
- 06.1608.40
- 06.1608.14

L: 3000 mm

- 06.1609.40
- 06.1609.14

Angle 90°. Peut s'alimenter.

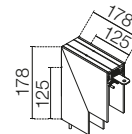
90° Corner. Can be powered.



- 06.1610.40
- 06.1610.14

Angle intérieur.

Inner corner.



- 06.1612.40
- 06.1612.14

Les embouts de finition sont inclus dans tous les profilés d'alimentation. Ils doivent uniquement être commandés séparément si l'installation se compose exclusivement de profilés intermédiaires et alimentés par les angles.

End caps come complete with all the feed unit profiles. These should only be ordered separately if the installation is exclusively composed of intermediate profiles and fed by corners.



- 08.8887.40A
- 08.8887.14A

THE RUNNING MAGNET SUSPENSION UP&DOWN – PROFILES

Profils

Profil électro-mécanique pour installation suspendue.

Les éléments linéaires en version Up&Down comprennent l'éclairage LED indirect en partie supérieure du profilé. Ils sont alimentés par alimentation commune ou indépendante.

Rails linéaires disponibles en deux versions : profilés d'alimentation pour connexion au driver et profilés intermédiaires. Les deux versions sont proposées en longueurs de 1 à 3 mètres.

Embouts de finition compris dans les profilés d'alimentation. Les accessoires de connexion (câble d'alimentation de 4,2 m) et de suspension au plafond (câble en acier de 4 m) sont compris dans tous les produits linéaires d'alimentation ou intermédiaires.

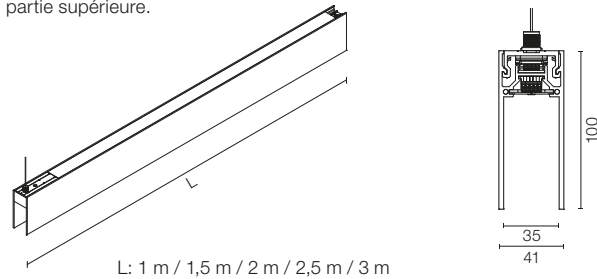
Disponible les angles à 90° sur le même plan (élément symétrique pour angle gauche et droit). Non équipés pour connexion au driver.

Les angles des versions suspendues du Running Magnet ne produisent pas d'éclairage indirect. L'éclairage indirect peut être contrôlé comme un circuit séparé s'il est alimenté par un appareillage soécial et, dans le cas de la version DALI, uniquement s'il est équipé d'un appareillage de contrôle DALI en option (à commander séparément).

Les profilés ne peuvent être recoupés.

La partie intérieure du profilé est toujours fournie en noir.

Le Gateway est inclus et fixé dans le profilé d'alimentation FLOS Smart Control®. Il génère des signaux de contrôle sur tout le rail à l'exception de la partie supérieure.



L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

Profiles

Electromechanical profile for suspended installations.

Linear elements in the Up&Down version include indirect LED illumination in the upper part of the profile. Shared or separate power feed.

Linear profiles available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1 m to 3 m.

Covers included with the power feed profiles. Ceiling connection (4.2 m feed cable) and suspension (4m steel cable) accessories included in all linear feed or intermediate products.

90° corners in the same plane (symmetrical element for right and left corners). Not provided for connection to the driver.

The corners of the Suspended Running Magnet versions are not fitted with indirect illumination. Indirect illumination can be managed as a separate circuit if powered by a dedicated driver and, in the case of the DALI installation, if equipped with a dedicated optional DALI controller.

To be ordered separately.

Profiles cannot be cut.

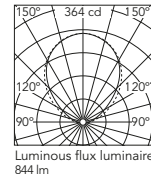
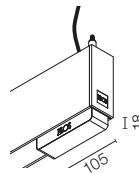
The inner part of the profile is always supplied in black.

The Gateway is included and fixed inside the FLOS Smart Control® power profile. It generates control signals all over the track, except the uplighting.

Feed FLOS Smart Control® Profile

L: 1000 mm

- 06.1973.40A
- 06.1973.14A



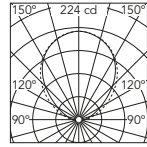
h(m)	E(lx)	D(m)
1	364	2.05
2	91	4.10
3	40	6.15
4	23	8.20
5	15	10.25

Light Source: Top LED 8,4W/m Up - 950 lm/m Up - 3000K/CRI 90

Feed Unit Profiles

L: 1000 mm

- 06.1614.40A
- 06.1614.14A

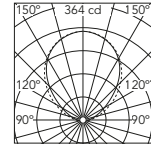


h(m)	E(lx)	D(m)
1	224	2.05
2	56	4.10
3	25	6.15
4	14	8.20
5	9	10.25

Intermediate Profiles

L: 1000 mm

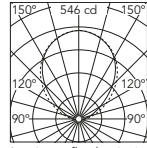
- 06.1619.40A
- 06.1619.14A



h(m)	E(lx)	D(m)
1	364	2.05
2	91	4.10
3	40	6.15
4	23	8.20
5	15	10.25

L: 1500 mm

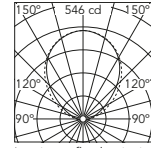
- 06.1615.40A
- 06.1615.14A



h(m)	E(lx)	D(m)
1	546	2.05
2	136	4.10
3	61	6.15
4	34	8.20
5	22	10.25

L: 1500 mm

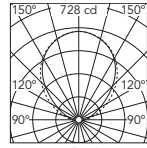
- 06.1620.40A
- 06.1620.14A



h(m)	E(lx)	D(m)
1	546	2.05
2	136	4.10
3	61	6.15
4	34	8.20
5	22	10.25

L: 2000 mm

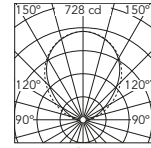
- 06.1616.40A
- 06.1616.14A



h(m)	E(lx)	D(m)
1	728	2.05
2	182	4.10
3	81	6.15
4	45	8.20
5	29	10.25

L: 2000 mm

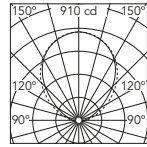
- 06.1621.40A
- 06.1621.14A



h(m)	E(lx)	D(m)
1	728	2.05
2	182	4.10
3	81	6.15
4	45	8.20
5	29	10.25

L: 2500 mm

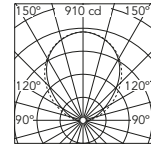
- 06.1617.40A
- 06.1617.14A



h(m)	E(lx)	D(m)
1	910	2.05
2	227	4.10
3	101	6.15
4	57	8.20
5	36	10.25

L: 2500 mm

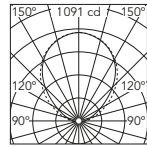
- 06.1622.40A
- 06.1622.14A



h(m)	E(lx)	D(m)
1	910	2.05
2	227	4.10
3	101	6.15
4	57	8.20
5	36	10.25

L: 3000 mm

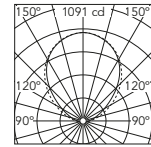
- 06.1618.40A
- 06.1618.14A



h(m)	E(lx)	D(m)
1	1091	2.05
2	273	4.10
3	121	6.15
4	68	8.20
5	44	10.25

L: 3000 mm

- 06.1623.40A
- 06.1623.14A



h(m)	E(lx)	D(m)
1	1091	2.05
2	273	4.10
3	121	6.15
4	68	8.20
5	44	10.25

Angle 90°. Ne peut pas s'alimenter. Inclut 1 kit de suspension avec câble.

90° Corner. Cannot be powered. Includes 1 cable suspension kit.



- 06.1624.40
- 06.1624.14

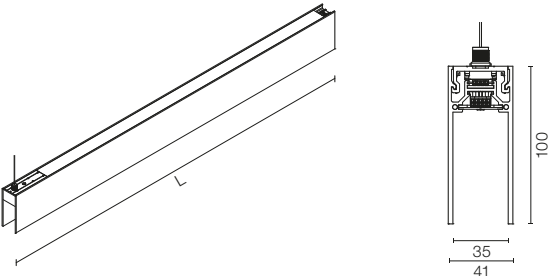
THE RUNNING MAGNET SUSPENSION DOWN – PROFILES

Profils

Profil électro-mécanique pour installation suspendue.
 Profils linéaires disponibles en deux versions : profils d'alimentation pour connexion au driver et profilés intermédiaires. Les deux versions sont proposées en longueurs de 1 à 3 mètres.
 Embouts de finition compris dans les profilés d'alimentation.
 Les accessoires de connexion (câble d'alimentation de 4,2 m) et de suspension au plafond (câble en acier de 4 m) sont compris dans tous les produits linéaires d'alimentation ou intermédiaires.
 Les angles à 90° sur le même plan (élément symétrique pour angle gauche et droit) sont communs aux versions Surface et Down. Equipés pour connexion au driver.
 La partie intérieure du profilé est toujours fournie en noir.
 Le Gateway est inclus et fixé dans le profil d'alimentation FLOS Smart Control®. Il génère des signaux de contrôle sur tout le rail.

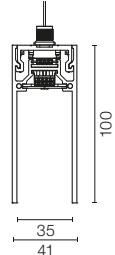
Profiles

Electromechanical profile for suspended installations.
 Linear profiles available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1 m to 3 m.
 Covers included with the power feed profiles.
 Ceiling connection (4.2 m feed cable) and suspension (4 m steel cable) accessories included in all linear feed or intermediate products.
 90° corners in the same plane (symmetrical element for right and left corners) for the Surface and Down versions. Provided for connection to the driver.
 The inner part of the profile is always supplied in black.
 The Gateway is included and fixed inside the FLOS Smart Control® power profile. It generates control signals all over the track.



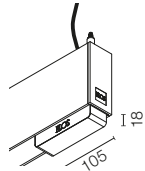
L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

Feed FLOS Smart Control® Profile
 L: 1000 mm
 06.1972.40
 06.1972.14



Feed Unit Profiles

L: 1000 mm	06.1626.40
	06.1626.14
L: 1500 mm	06.1627.40
	06.1627.14
L: 2000 mm	06.1628.40
	06.1628.14
L: 2500 mm	06.1629.40
	06.1629.14
L: 3000 mm	06.1630.40
	06.1630.14




Intermediate Profiles

L: 1000 mm	06.1631.40
	06.1631.14
L: 1500 mm	06.1632.40
	06.1632.14
L: 2000 mm	06.1633.40
	06.1633.14
L: 2500 mm	06.1634.40
	06.1634.14
L: 3000 mm	06.1635.40
	06.1635.14

Angle 90°. Ne peut pas s'alimenter. Inclut 1 kit de suspension avec câble.	90° Corner. Cannot be powered. Includes 1 cable suspension kit.			Cannot be powered 06.1657.40 06.1657.14
Peut s'alimenter. Inclut 2 kits de suspension avec câble.	Can be powered. Includes 2 cable suspension kits.			Can be powered 06.1656.40 06.1656.14

The Running Magnet Suspension Up&Down / Down

Les embouts de finition sont inclus dans tous les profilés d'alimentation. Ils doivent uniquement être commandés séparément si l'installation se compose exclusivement de profilés intermédiaires et alimentés par les angles.	End caps come complete with all the feed unit profiles. These should only be ordered separately if the installation is exclusively composed of intermediate profiles and fed by corners.		08.8887.40A 08.8887.14A
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THE RUNNING MAGNET SUSPENSION

Accessoires / Accessories

Rosace d'alimentation de surface. Équipement, câble d'alimentation et câble de suspension non inclus, à commander séparément.

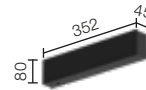
Surface rose. Equipment, power cable and suspension cable not included. They must be ordered separately.



08.8883.40A
08.8883.14A

Boîtier d'alimentation en surface pour éclairage direct et indirect avec logement pour le driver. Équipement 24V/185W inclus. Câbles non inclus.

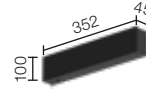
Surface power supply for direct and indirect lighting with housing for the driver. 24V/185W equipment included. Cables not included.



08.8886.40
08.8886.14

Contrôleur DALI et équipement 24V/185W inclus permettant d'alimenter et de contrôler l'éclairage direct et indirect. Câbles non inclus.

DALI controller and 24V/185W equipment to supply and control both the direct and indirect lighting, included. Cables not included.



08.8886.40.DA
08.8886.14.DA

Rosace d'alimentation encastrée. Driver non compris, à commander séparément.

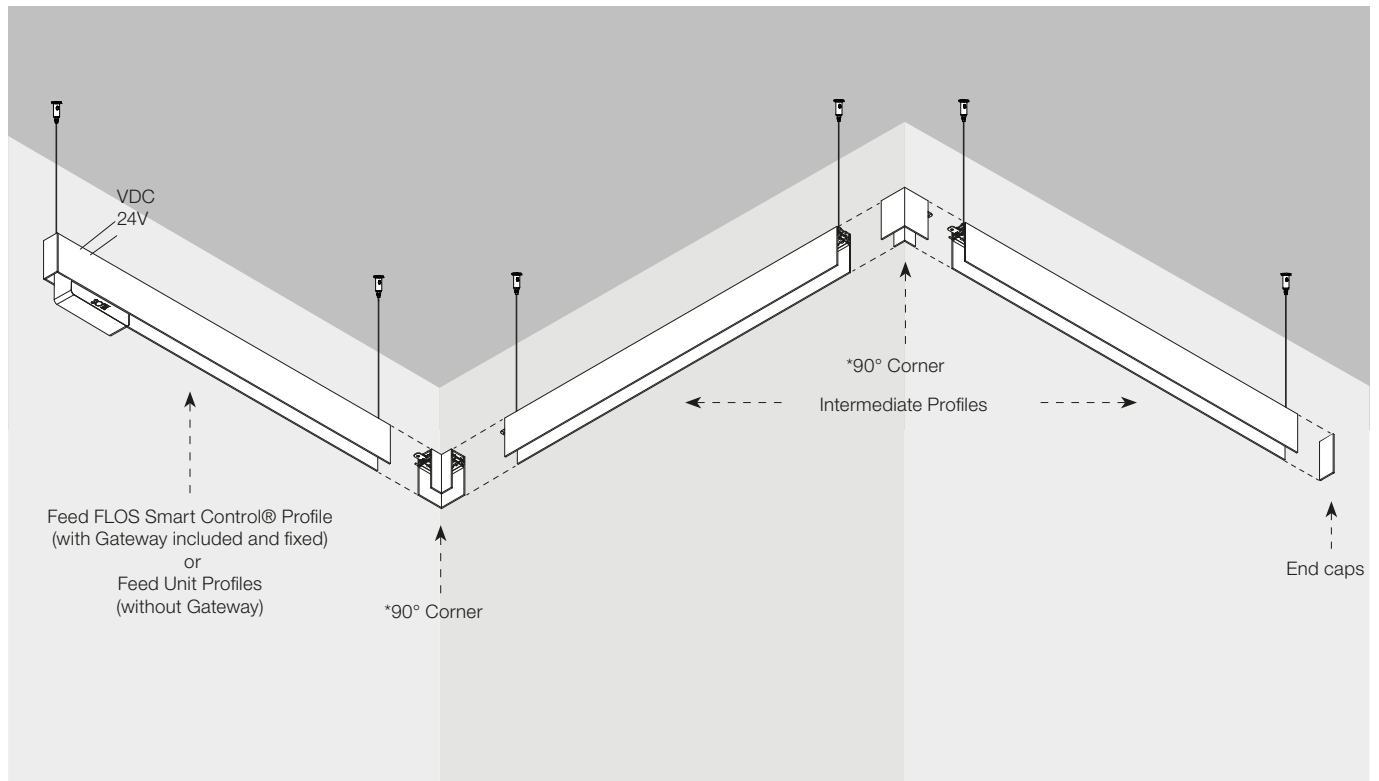
Recessed power supply rose. Equipment not included. To be ordered separately.



08.8889.40
08.8889.14

THE RUNNING MAGNET – INSTALLATION PROFILES

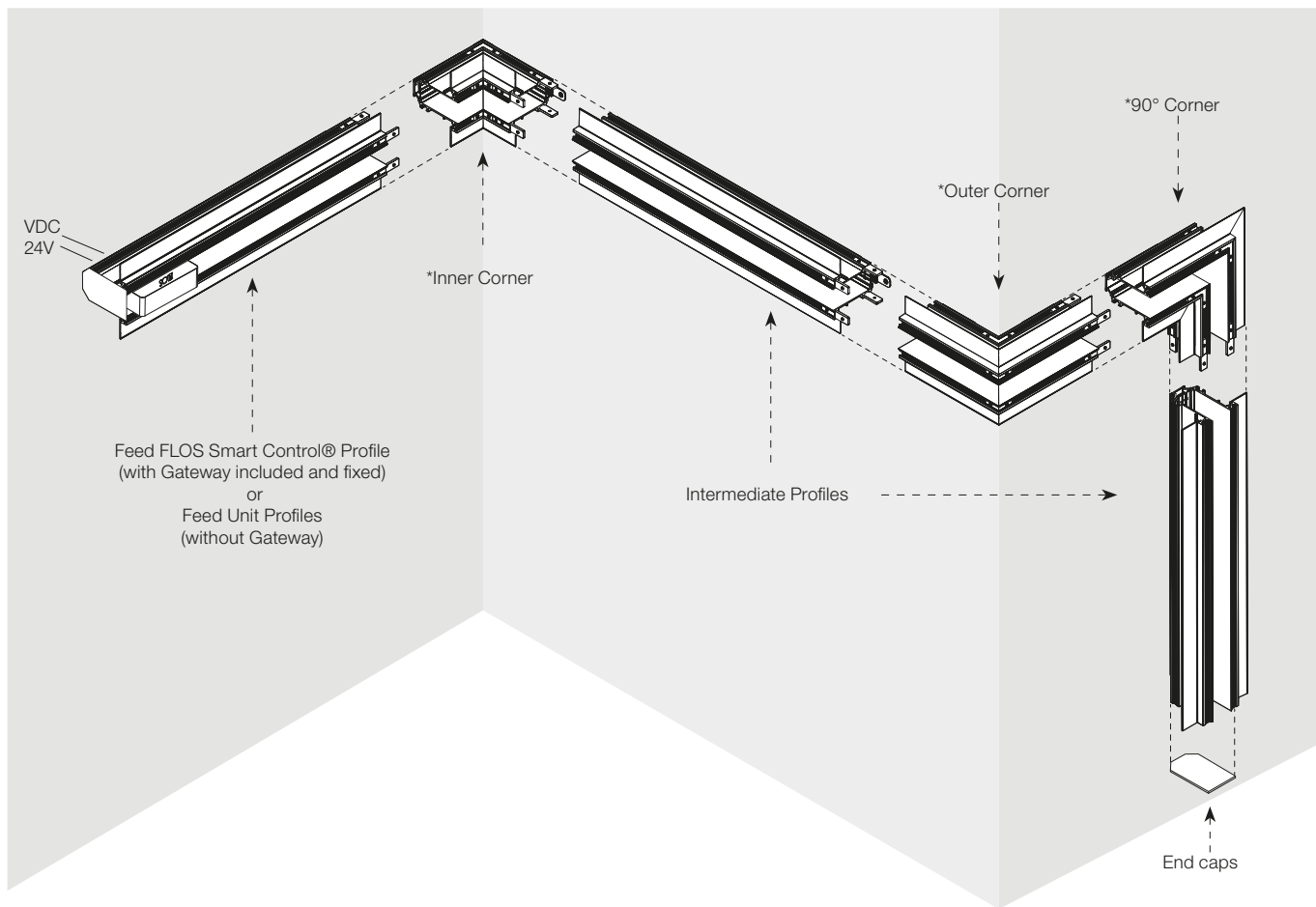
SUSPENSION INSTALLATION



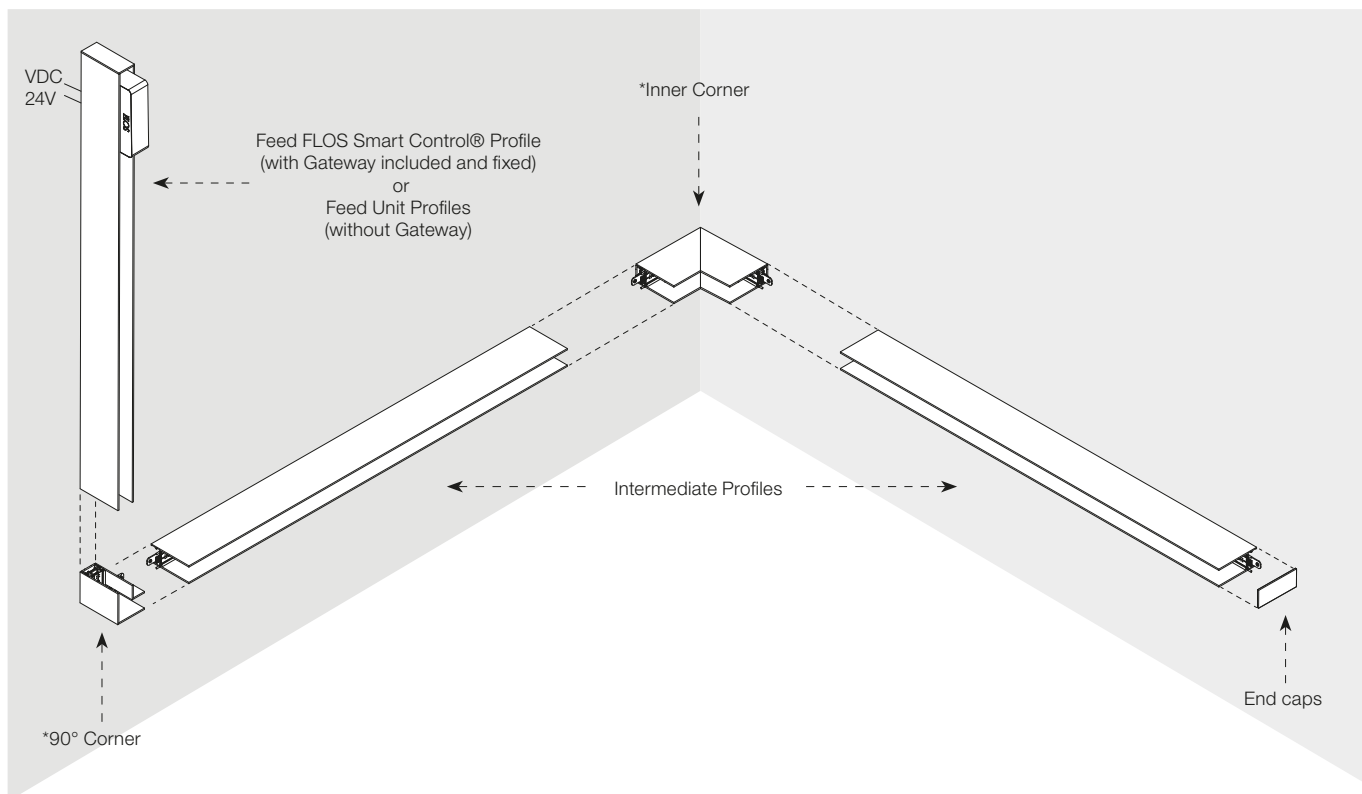
* Angles fournis pour alimenter la structure, version DOWN uniquement / Corners provided to feed the structure, only in the DOWN version.

THE RUNNING MAGNET – INSTALLATION PROFILES

RECESSED INSTALLATION



SURFACE INSTALLATION



* Angles fournis pour alimenter la structure / Corners provided to feed the structure.

THE RUNNING MAGNET – FAQ

• Puis-je alimenter une structure directement à partir d'un angle sans utiliser un profilé d'alimentation ?

Oui, les angles sont prêts pour alimenter une structure dans les deux sens sans qu'il soit nécessaire d'utiliser un profilé d'alimentation. Il faut simplement penser à commander séparément les embouts de terminaison des profilés car ils ne sont pas inclus dans les angles et les profilés intermédiaires. Dans la version Up&Down il n'est pas possible d'alimenter les angles.

• Can I feed a structure directly from a corner without using a feed unit profile?

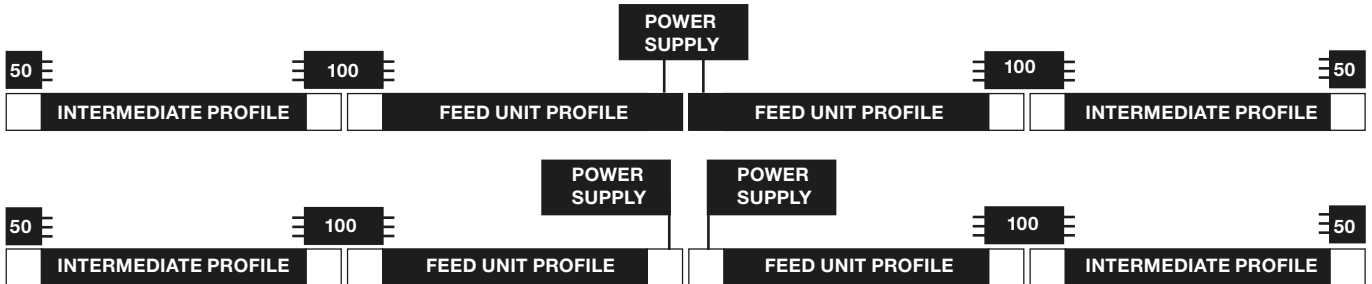
Yes, corners are prepared to feed a structure in both directions without the need for a feed unit profile. Simply remember that you'll have to order the End cap profiles separately because they are not included in corners and intermediate profiles. Take note that corners in Up&Down versions cannot be fed.

• Puis-je utiliser un profilé d'alimentation pour alimenter une structure en surface à partir du centre ?

Oui, pour alimenter une structure en surface depuis le centre (dans les deux sens), il faut utiliser deux profilés d'alimentation avec deux alimentations, une pour chacun des profilés d'alimentation, ou bien connecter la même alimentation pour les deux profilés d'alimentation, à condition de respecter les contraintes électriques. La connexion mécanique peut être faite entre les deux profilés sans aucun problème.

• Can I use a feed unit profile to feed a surface structure from the center?

Yes, to feed a surface structure from the center (in both directions), you'll need to use two feed unit profiles with two power supplies connected, one to each feed unit profile, or connect the same power supply to both feed unit profiles, respecting any potential electrical limitations. The mechanical connection can be made between profiles without any problem.

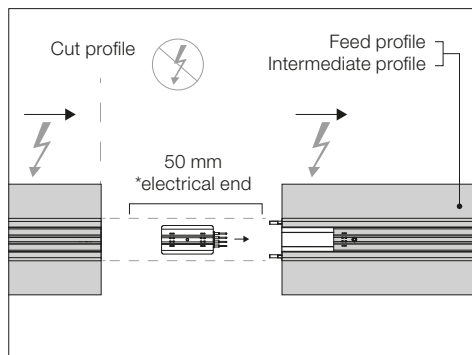
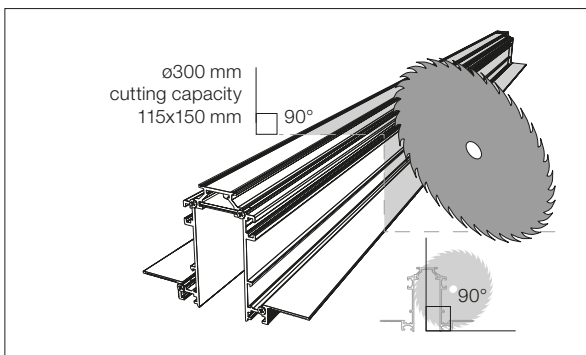


• Puis-je recouper un profilé ?

Oui, il est possible de recouper les profilés à la dimension souhaitée (sauf pour la version Up&Down). Une fois le profilé coupé, la continuité électrique est perdue. Si le profilé coupé n'est pas celui qui ferme la structure (dans ce cas la continuité électrique n'est pas nécessaire) la section suivante devra être réalimentée avec un angle ou un profilé d'alimentation.

• Can I cut a profile?

Yes, profiles can be cut to the desired length (except Up&Down version). Once a profile is cut, the electrical continuity is lost. If the cut element is not the one that closes the structure (in that case you don't need electrical continuity) the next section must be fed with a corner or a feed unit profile.



* Inclus dans les profilés d'alimentation ou embouts de finition / Included with feed profiles or end caps.

THE RUNNING MAGNET – FAQ

• Puis-je contrôler indépendamment l'éclairage direct et indirect dans la version Up&Down ?

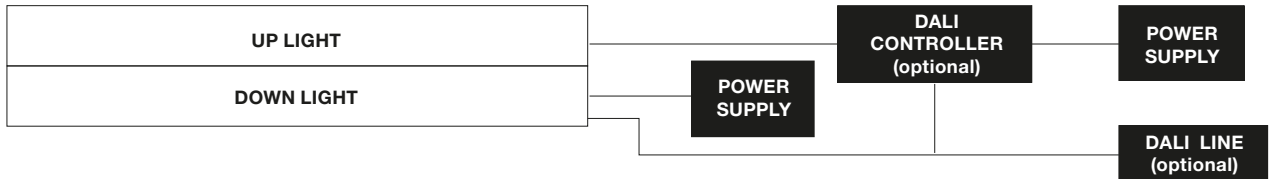
Oui, pour contrôler indépendamment l'éclairage direct et indirect, il suffit de connecter une alimentation à la connexion d'éclairage indirect et la deuxième à la connexion d'éclairage direct, pour gérer les différentes sources de manière indépendante.

Si vous souhaitez utiliser un système de réglage DALI pour l'éclairage direct et indirect, alors l'alimentation connectée à l'éclairage indirect doit être raccordée à un variateur DALI (60.8635).

• Can I independently control the Up Light and the Down Light in the Up&Down version?

Yes, to control the Up Light and Down Light independently you just have to connect one power supply to the down electrical connector and another one to the up electrical connector. This allows you to manage the different light sources independently.

If you want to use a DALI Dimmable system for the Up Light and the Down Light, then the power supply connected to Up Light must be connected to a Dali controller (60.8635).



• Puis-je contrôler indépendamment les luminaires installés sur la structure avec un variateur DALI ?

Oui, le système DALI identifiera chacun des luminaires installés sur le profilé par une adresse unique et vous permettra de gérer chaque luminaire indépendamment.

• Ai-je besoin de l'unité de contrôle dimmable DALI 60.8635 pour rendre la structure DALI ?

Les luminaires étant déjà équipés de l'électronique DALI, l'unité de contrôle DALI n'est pas nécessaire.

L'unité de contrôle DALI 60.8635 est seulement nécessaire pour contrôler l'éclairage indirect avec un système DALI sur la version Up&Down.

• Can I independently control the luminaires installed in the structure with a DALI controller?

Yes, the DALI system will identify each luminaire installed in the profile with a unique address, and will allow you to independently manage each one.

• Do I need the Dimmable Dali controller 60.8635 to make the DALI structure?

The luminaries to be installed in the track are already equipped with Dali electronic, so a Dali controller is not required for these.

The 60.8635 DALI Controller is only required to make the Up indirect Light controllable with a DALI system in the Up&Down version.

• Quelle est la distance maximale permise entre le driver et le profilé ?

Avec le driver de 200W (60.9352) de notre catalogue, la distance maximale permise est :

- . Câble de Ø 1,5mm : 3 m
- . Câble de Ø 2,5mm : 5 m

• What is the maximum distance allowed between the driver and the profile?

With the 200W power supply (60.9352) in our catalogue, the maximum distance allowed is:

- . Ø 1.5 mm cable: 3 m
- . Ø 2.5 mm cable: 5 m

• Quelle est la longueur maximale que l'on peut alimenter avec une alimentation ?

La longueur maximale d'un profilé que l'on peut alimenter avec une alimentation est de 8 m.

• What is the maximum length that can be fed with one power supply?

The maximum profile length that can be fed with a power supply is 8 m.

• Puis-je utiliser une alimentation différente – moins puissante ?

Toutes les informations publiées sur notre site web, nos catalogues et dans les notices d'installation répondent aux tests qui ont été réalisés avec notre alimentation de 200W (60.9352) que nous recommandons pour nos produits. Cependant, une alimentation différente peut être utilisée pour alimenter les profilés, en veillant à respecter les contraintes électriques.

Il faut une alimentation de 24V avec un courant électrique maximum de 8A.

• Can I use a different, less powerful power supply?

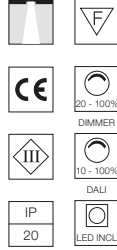
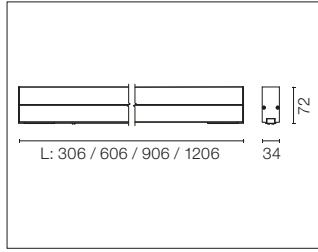
All the information published on our website, and in our catalogue and installation instructions sheets is adjusted to the tests we perform with our 200W power supply (60.9352), which we recommend for our products. However, a different power supply can be used to feed the profiles but the electrical limitations that it will have to accomplish should be taken into account.

It should be a 24V power supply with a maximum electric current of 8A.

THE RUNNING MAGNET – LIGHT MODULES

Light Stripe

Light Source: Top LED 25W/m - 2060 lm/m - 2700K/CRI 90 / 25W/m - 2178 lm/m - 3000K/CRI 90

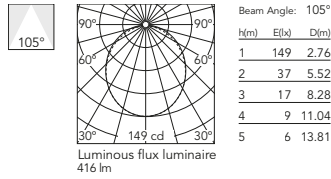


Module d'éclairage LED à lumière diffuse pour installation sur le système The Running Magnet. Ecrans opales pour créer des lignes de lumière continues inclus.

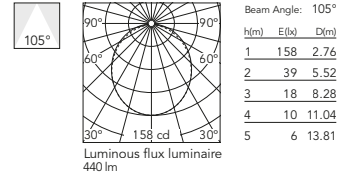
Diffused LED light module to be installed in The Running Magnet System. Opaline end caps to create continuous lines of light included.

L (mm)	Power (W)	LED Light source flux (lm)	
		2700K	3000K
300	7,5	618	653
600	15	1237	1307
900	22,5	1855	1960
1200	30	2473	2614

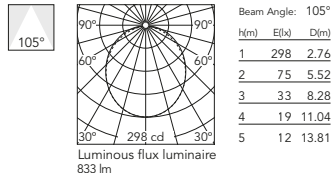
- 2700K**
L: 300 mm
■ 03.7000.14
Dali Version
■ 03.7000.14.DA



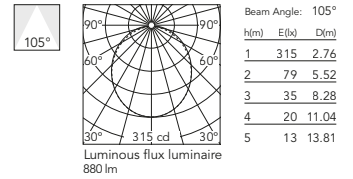
- 3000K**
L: 300 mm
■ 03.7001.14
Dali Version
■ 03.7001.14.DA



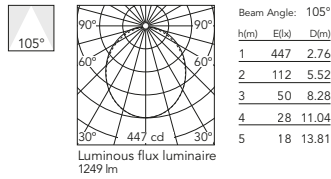
- 2700K**
L: 600 mm
■ 03.7002.14
Dali Version
■ 03.7002.14.DA



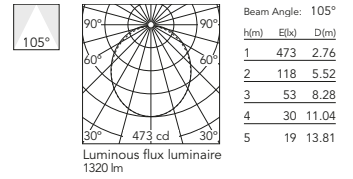
- 3000K**
L: 600 mm
■ 03.7003.14
Dali Version
■ 03.7003.14.DA



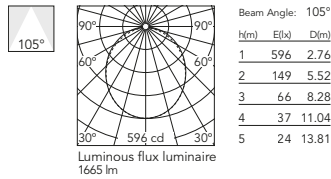
- 2700K**
L: 900 mm
■ 03.7004.14
Dali Version
■ 03.7004.14.DA



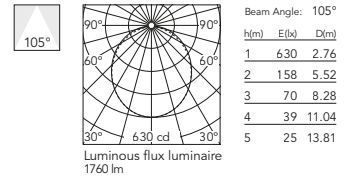
- 3000K**
L: 900 mm
■ 03.7005.14
Dali Version
■ 03.7005.14.DA



- 2700K**
L: 1200 mm
■ 03.7006.14
Dali Version
■ 03.7006.14.DA



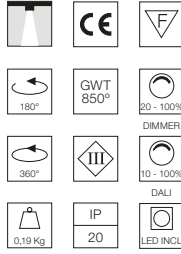
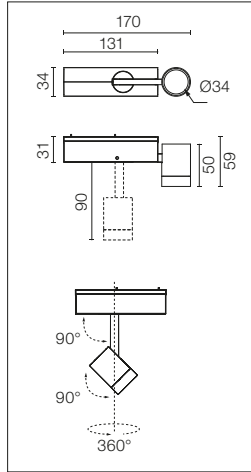
- 3000K**
L: 1200 mm
■ 03.7007.14
Dali Version
■ 03.7007.14.DA



THE RUNNING MAGNET – LIGHT MODULES

Spot Module

Light Source: Power LED 8W - 560 lm - 2700K/CRI 90 / 8W - 600 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système The Running Magnet. Convertisseur électronique de courant DC/DC intégré.

Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

Spot Module No DALI:
Maximum de 21 spots par driver.
Spot Module DALI:
Maximum de 14 spots par driver.

Spot Module No DALI:
Maximum 21 spots for a single driver.
Spot Module DALI:
Maximum 14 spots for a single driver.

Maximum de 64 spots pour un seul contrôleur DALI.

Maximum 64 spots for a single DALI controller.

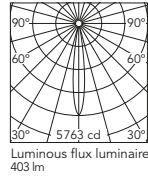
Voir les accessoires proposés.

See available accessories.

2700K

03.6303.14A
Dali Version

03.6303.14ADA



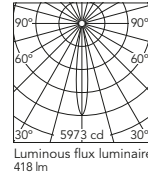
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5763	0.24
2	1441	0.49
3	640	0.73
4	360	0.98
5	231	1.22

3000K

03.6302.14A
Dali Version

03.6302.14ADA



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5973	0.24
2	1493	0.49
3	664	0.73
4	373	0.98
5	239	1.22

Accessoires / Accessories

Spot Module

Anneau externe anti-éblouissement pour spot module Running Magnet, en aluminium peint coloris noir pour un meilleur confort visuel.

Screening external ring for Running Magnet spot module in aluminium with a black finish to enhance the visual comfort.

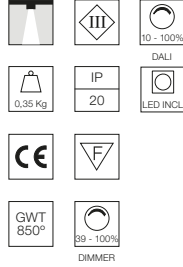
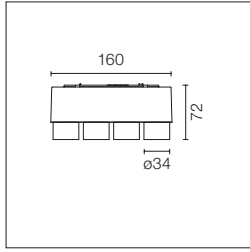


08.8427.14

THE RUNNING MAGNET – LIGHT MODULES

Multi Spot 4

Light Source: Power LED 10W - 4x226 lm - 2700K/CRI 90 / 10W - 4x240 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système The Running Magnet. Convertisseur électronique de courant DC/DC intégré.

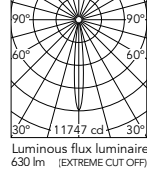
Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

Voir les accessoires proposés.

See available accessories.

2700K

- 03.6305.14
Dali Version
- 03.6305.14.DA



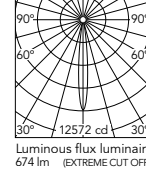
Beam Angle: 11°

h(m)	Et(k)	D(m)
1	11747	0.20
2	2937	0.40
3	1305	0.60
4	734	0.80
5	470	1.00

Luminous flux lumineaire
630 lm (EXTREME CUT OFF)

3000K

- 03.6306.14
Dali Version
- 03.6306.14.DA



Beam Angle: 11°

h(m)	Et(k)	D(m)
1	12572	0.20
2	3143	0.40
3	1397	0.60
4	786	0.80
5	503	1.00

Luminous flux lumineaire
674 lm (EXTREME CUT OFF)

Accessoires / Accessories

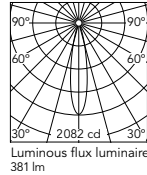
Spot Module & Multi Spot 4

Accessoire d'optique medium.
Lentille frosted medium.



08.8760.00

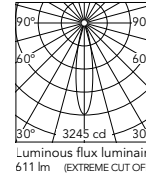
Frosted medium lens.
Medium lens accessory.



Beam Angle: 21°

h(m)	Et(k)	D(m)
1	2082	0.36
2	520	0.73
3	231	1.09
4	130	1.46
5	83	1.82

Luminous flux lumineaire
381 lm



Beam Angle: 21°

h(m)	Et(k)	D(m)
1	3245	0.37
2	811	0.75
3	361	1.12
4	203	1.50
5	130	1.87

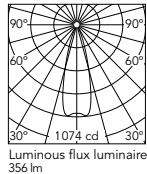
Luminous flux lumineaire
611 lm (EXTREME CUT OFF)

Accessoire d'optique wide flood.
Lentille frosted wide flood.



08.8761.00

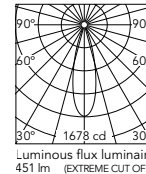
Frosted flood lens.
Flood lens accessory.



Beam Angle: 31°

h(m)	Et(k)	D(m)
1	1074	0.55
2	269	1.09
3	119	1.64
4	67	2.19
5	43	2.73

Luminous flux lumineaire
356 lm



Beam Angle: 28°

h(m)	Et(k)	D(m)
1	1678	0.50
2	420	1.00
3	186	1.51
4	105	2.01
5	67	2.51

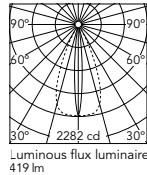
Luminous flux lumineaire
451 lm (EXTREME CUT OFF)

Lentille elliptique.

Elliptical lens.



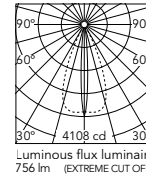
08.8759.00



Beam Angle: 46°

h(m)	Et(k)	D(m)
1	2282	0.17
2	571	0.34
3	254	0.51
4	143	0.68
5	91	0.85

Luminous flux lumineaire
419 lm



Beam Angle: 8°

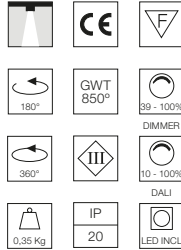
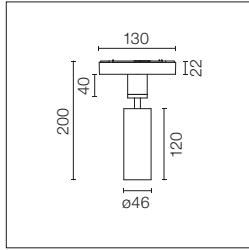
h(m)	Et(k)	D(m)
1	4108	0.15
2	1027	0.30
3	456	0.44
4	257	0.59
5	164	0.74

Luminous flux lumineaire
756 lm (EXTREME CUT OFF)

THE RUNNING MAGNET – LIGHT MODULES

Spot 120

Light Source: Power LED 12,5W/14W DALI - 985 lm - 2700K/CRI 90 / 12,5W/14W DALI - 1060 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système The Running Magnet. Convertisseur électronique de courant DC/DC intégré.

Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

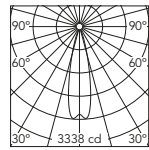
Spot Module No DALI:
Maximum de 14 spots par driver.
Spot Module DALI:
Maximum de 11 spots par driver.

Spot Module No DALI:
Maximum 14 spots for a single driver.
Spot Module DALI:
Maximum 11 spots for a single driver.

Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

- 2700K**
 03.6285.40
 03.6285.14
 Dali Version
 03.6285.40.DA
 03.6285.14.DA

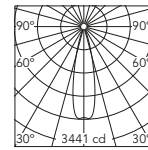


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	3338	0.44
2	835	0.89
3	371	1.33
4	209	1.78
5	134	2.22

Luminous flux luminaire
707 lm (EXTREME CUT OFF)

- 3000K**
 03.6284.40
 03.6284.14
 Dali Version
 03.6284.40.DA
 03.6284.14.DA

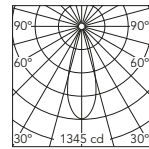


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	3441	0.45
2	860	0.89
3	382	1.34
4	215	1.78
5	138	2.23

Luminous flux luminaire
731 lm (EXTREME CUT OFF)

- 2700K**
 03.6286.40
 03.6286.14
 Dali Version
 03.6286.40.DA
 03.6286.14.DA

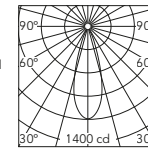


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	1345	0.59
2	336	1.17
3	149	1.76
4	84	2.34
5	54	2.93

Luminous flux luminaire
430 lm (EXTREME CUT OFF)

- 3000K**
 03.6287.40
 03.6287.14
 Dali Version
 03.6287.40.DA
 03.6287.14.DA



Beam Angle: 33°

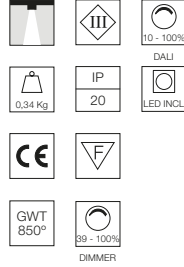
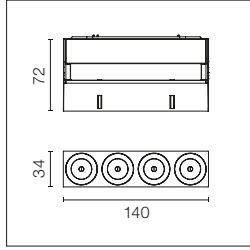
h(m)	E(lx)	D(m)
1	1400	0.58
2	350	1.16
3	156	1.75
4	88	2.33
5	56	2.91

Luminous flux luminaire
444 lm (EXTREME CUT OFF)

THE RUNNING MAGNET – LIGHT MODULES

Light Shadow

Light Source: Power LED 10,8W - 4x270 lm - 2700K/CRI 90 / 10,8W - 4x285 lm - 3000K/CRI 90



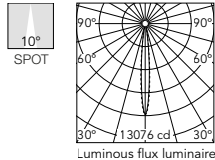
Module d'éclairage LED avec 4 spots et faible éblouissement à installer dans le système The Running Magnet. Convertisseur de courant électronique DC/DC intégré.

E = Finition Externe
I = Finition Interne

LED lighting module, with 4 spotlights and low glare, to be installed in the The Running Magnet system. DC/DC, built-in electronic current converter.

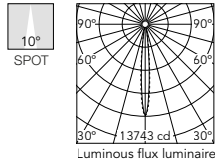
E= External Finish
I= Internal Finish

- Optic Spot 2700K**
- E I 03.8949.40A
 - I 03.8949.14A
 - E I Dali Version
 - I 03.8949.40ADA
 - I 03.8949.14ADA



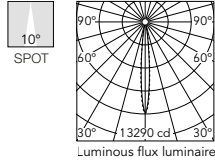
h(m)	E(lx)	D(m)
1	13076	0.18
2	3267	0.36
3	1453	0.54
4	817	0.72
5	523	0.90

- 2700K**
- E I 03.8948.40A
 - I 03.8948.14A
 - E I Dali Version
 - I 03.8948.40ADA
 - I 03.8948.14ADA



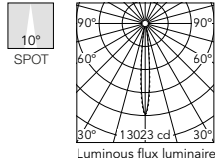
h(m)	E(lx)	D(m)
1	13743	0.17
2	3436	0.35
3	1527	0.52
4	859	0.70
5	550	0.87

- 2700K**
- E I 03.8950.40A
 - I 03.8950.14A
 - E I Dali Version
 - I 03.8950.40ADA
 - I 03.8950.14ADA



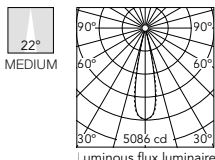
h(m)	E(lx)	D(m)
1	13290	0.18
2	3322	0.36
3	1477	0.55
4	831	0.73
5	532	0.91

- 2700K**
- E I 03.8951.40A
 - I 03.8951.14A
 - E I Dali Version
 - I 03.8951.40ADA
 - I 03.8951.14ADA



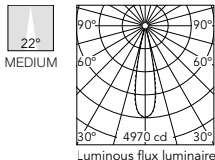
h(m)	E(lx)	D(m)
1	13023	0.18
2	3256	0.36
3	1447	0.55
4	814	0.73
5	521	0.91

- Optic Medium 2700K**
- E I 03.9621.40A
 - I 03.9621.14A
 - E I Dali Version
 - I 03.9621.40ADA
 - I 03.9621.14ADA



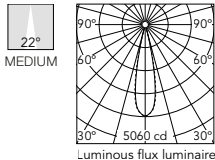
h(m)	E(lx)	D(m)
1	5086	0.39
2	1272	0.78
3	565	1.17
4	318	1.56
5	203	1.95

- 2700K**
- E I 03.9620.40A
 - I 03.9620.14A
 - E I Dali Version
 - I 03.9620.40ADA
 - I 03.9620.14ADA



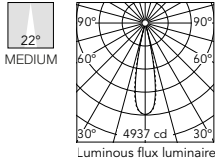
h(m)	E(lx)	D(m)
1	4970	0.39
2	1243	0.78
3	552	1.17
4	311	1.56
5	199	1.95

- 2700K**
- E I 03.9622.40A
 - I 03.9622.14A
 - E I Dali Version
 - I 03.9622.40ADA
 - I 03.9622.14ADA



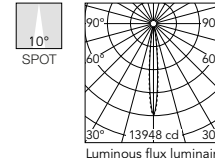
h(m)	E(lx)	D(m)
1	5060	0.39
2	1265	0.77
3	562	1.16
4	316	1.55
5	202	1.94

- 2700K**
- E I 03.9623.40A
 - I 03.9623.14A
 - E I Dali Version
 - I 03.9623.40ADA
 - I 03.9623.14ADA



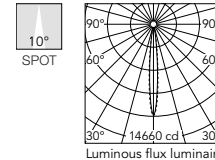
h(m)	E(lx)	D(m)
1	4937	0.39
2	1234	0.78
3	549	1.17
4	309	1.56
5	197	1.95

- Optic Spot 3000K**
- E I 03.8953.40A
 - I 03.8953.14A
 - E I Dali Version
 - I 03.8953.40ADA
 - I 03.8953.14ADA



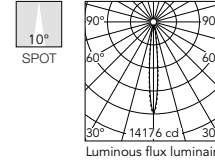
h(m)	E(lx)	D(m)
1	13948	0.18
2	3487	0.36
3	1550	0.54
4	872	0.72
5	558	0.90

- 3000K**
- E I 03.8952.40A
 - I 03.8952.14A
 - E I Dali Version
 - I 03.8952.40ADA
 - I 03.8952.14ADA



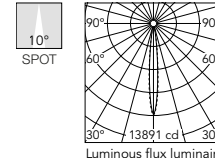
h(m)	E(lx)	D(m)
1	14660	0.17
2	3665	0.35
3	1629	0.52
4	916	0.70
5	586	0.87

- 3000K**
- E I 03.8954.40A
 - I 03.8954.14A
 - E I Dali Version
 - I 03.8954.40ADA
 - I 03.8954.14ADA



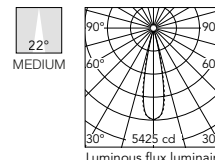
h(m)	E(lx)	D(m)
1	14176	0.18
2	3544	0.36
3	1575	0.55
4	886	0.73
5	567	0.91

- 3000K**
- E I 03.8955.40A
 - I 03.8955.14A
 - E I Dali Version
 - I 03.8955.40ADA
 - I 03.8955.14ADA



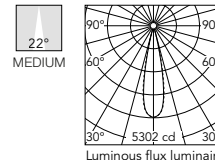
h(m)	E(lx)	D(m)
1	13891	0.18
2	3473	0.36
3	1543	0.55
4	868	0.73
5	556	0.91

- Optic Medium 3000K**
- E I 03.9631.40A
 - I 03.9631.14A
 - E I Dali Version
 - I 03.9631.40ADA
 - I 03.9631.14ADA



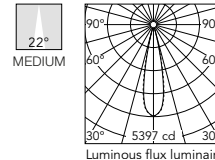
h(m)	E(lx)	D(m)
1	5425	0.39
2	1356	0.78
3	603	1.17
4	339	1.56
5	217	1.95

- 3000K**
- E I 03.9630.40A
 - I 03.9630.14A
 - E I Dali Version
 - I 03.9630.40ADA
 - I 03.9630.14ADA



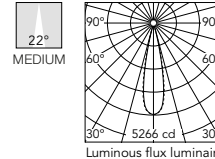
h(m)	E(lx)	D(m)
1	5302	0.39
2	1325	0.78
3	589	1.17
4	331	1.56
5	212	1.95

- 3000K**
- E I 03.9632.40A
 - I 03.9632.14A
 - E I Dali Version
 - I 03.9632.40ADA
 - I 03.9632.14ADA



h(m)	E(lx)	D(m)
1	5397	0.39
2	1349	0.77
3	600	1.16
4	337	1.55
5	216	1.94

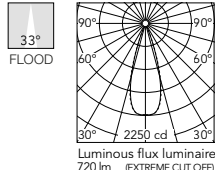
- 3000K**
- E I 03.9633.40A
 - I 03.9633.14A
 - E I Dali Version
 - I 03.9633.40ADA
 - I 03.9633.14ADA



h(m)	E(lx)	D(m)
1	5266	0.39
2	1316	0.78
3	585	1.17
4	329	1.56
5	211	1.95

THE RUNNING MAGNET – LIGHT MODULES

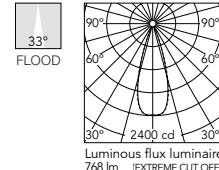
Optic Flood
2700K
 E I 03.9626.40A
 E I 03.9626.14A
 E I Dali Version
 E I 03.9626.40ADA
 E I 03.9626.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2250 0.60
 2 563 1.19
 3 250 1.79
 4 141 2.39
 5 90 2.99

Luminous flux luminaire
 720 lm (EXTREME CUT OFF)

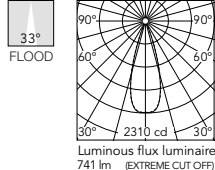
Optic Flood
3000K
 E I 03.9636.40A
 E I 03.9636.14A
 E I Dali Version
 E I 03.9636.40ADA
 E I 03.9636.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2400 0.60
 2 600 1.19
 3 267 1.79
 4 150 2.39
 5 96 2.99

Luminous flux luminaire
 768 lm (EXTREME CUT OFF)

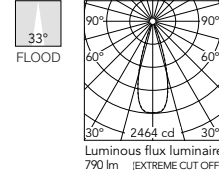
Optic Flood
2700K
 E I 03.9625.40A
 E I 03.9625.14A
 E I Dali Version
 E I 03.9625.40ADA
 E I 03.9625.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2310 0.59
 2 577 1.18
 3 257 1.78
 4 144 2.37
 5 92 2.96

Luminous flux luminaire
 741 lm (EXTREME CUT OFF)

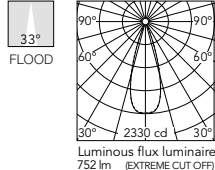
Optic Flood
3000K
 E I 03.9635.40A
 E I 03.9635.14A
 E I Dali Version
 E I 03.9635.40ADA
 E I 03.9635.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2464 0.59
 2 616 1.18
 3 274 1.78
 4 154 2.37
 5 99 2.96

Luminous flux luminaire
 790 lm (EXTREME CUT OFF)

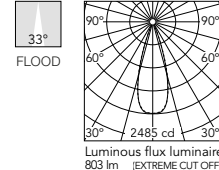
Optic Flood
2700K
 E I 03.9627.40A
 E I 03.9627.14A
 E I Dali Version
 E I 03.9627.40ADA
 E I 03.9627.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2330 0.60
 2 582 1.19
 3 259 1.79
 4 146 2.38
 5 93 2.98

Luminous flux luminaire
 752 lm (EXTREME CUT OFF)

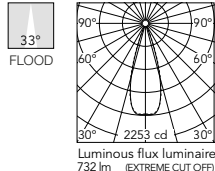
Optic Flood
3000K
 E I 03.9637.40A
 E I 03.9637.14A
 E I Dali Version
 E I 03.9637.40ADA
 E I 03.9637.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2485 0.60
 2 621 1.19
 3 276 1.79
 4 155 2.38
 5 99 2.98

Luminous flux luminaire
 803 lm (EXTREME CUT OFF)

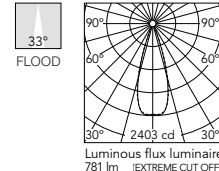
Optic Flood
2700K
 E I 03.9628.40A
 E I 03.9628.14A
 E I Dali Version
 E I 03.9628.40ADA
 E I 03.9628.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2253 0.60
 2 563 1.20
 3 250 1.79
 4 141 2.39
 5 90 2.99

Luminous flux luminaire
 732 lm (EXTREME CUT OFF)

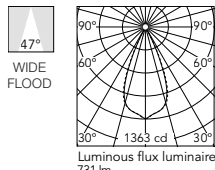
Optic Flood
3000K
 E I 03.9638.40A
 E I 03.9638.14A
 E I Dali Version
 E I 03.9638.40ADA
 E I 03.9638.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2403 0.60
 2 601 1.20
 3 267 1.79
 4 150 2.39
 5 96 2.99

Luminous flux luminaire
 781 lm (EXTREME CUT OFF)

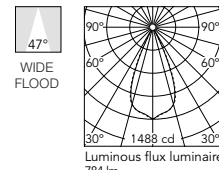
Optic Wide Flood
2700K
 E I 03.9661.40A
 E I 03.9661.14A
 E I Dali Version
 E I 03.9661.40ADA
 E I 03.9661.14ADA



Beam Angle: 47°
 h(m) E(lx) D(m)
 1 1363 0.83
 2 341 1.67
 3 151 2.50
 4 85 3.34
 5 55 4.17

Luminous flux luminaire
 731 lm

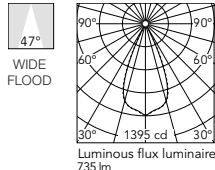
Optic Wide Flood
3000K
 E I 03.9665.40A
 E I 03.9665.14A
 E I Dali Version
 E I 03.9665.40ADA
 E I 03.9665.14ADA



Beam Angle: 47°
 h(m) E(lx) D(m)
 1 1488 0.84
 2 372 1.69
 3 165 2.53
 4 93 3.38
 5 60 4.22

Luminous flux luminaire
 784 lm

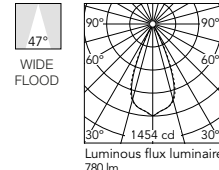
Optic Wide Flood
2700K
 E I 03.9660.40A
 E I 03.9660.14A
 E I Dali Version
 E I 03.9660.40ADA
 E I 03.9660.14ADA



Beam Angle: 47°
 h(m) E(lx) D(m)
 1 1395 0.84
 2 349 1.69
 3 155 2.53
 4 87 3.38
 5 56 4.22

Luminous flux luminaire
 735 lm

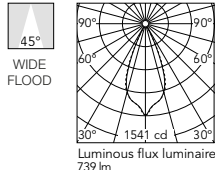
Optic Wide Flood
3000K
 E I 03.9664.40A
 E I 03.9664.14A
 E I Dali Version
 E I 03.9664.40ADA
 E I 03.9664.14ADA



Beam Angle: 47°
 h(m) E(lx) D(m)
 1 1454 0.83
 2 363 1.67
 3 162 2.50
 4 91 3.34
 5 58 4.17

Luminous flux luminaire
 780 lm

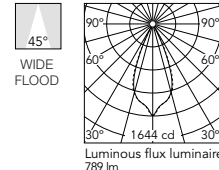
Optic Wide Flood
2700K
 E I 03.9662.40A
 E I 03.9662.14A
 E I Dali Version
 E I 03.9662.40ADA
 E I 03.9662.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 1541 0.80
 2 385 1.60
 3 171 2.40
 4 96 3.19
 5 62 3.99

Luminous flux luminaire
 739 lm

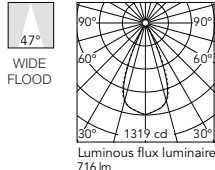
Optic Wide Flood
3000K
 E I 03.9666.40A
 E I 03.9666.14A
 E I Dali Version
 E I 03.9666.40ADA
 E I 03.9666.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 1644 0.80
 2 411 1.60
 3 183 2.40
 4 103 3.19
 5 66 3.99

Luminous flux luminaire
 789 lm

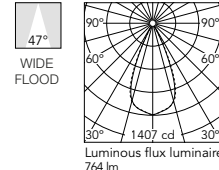
Optic Wide Flood
2700K
 E I 03.9663.40A
 E I 03.9663.14A
 E I Dali Version
 E I 03.9663.40ADA
 E I 03.9663.14ADA



Beam Angle: 47°
 h(m) E(lx) D(m)
 1 1319 0.84
 2 330 1.69
 3 147 2.53
 4 82 3.38
 5 53 4.22

Luminous flux luminaire
 716 lm

Optic Wide Flood
3000K
 E I 03.9667.40A
 E I 03.9667.14A
 E I Dali Version
 E I 03.9667.40ADA
 E I 03.9667.14ADA



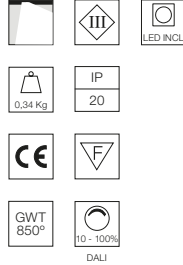
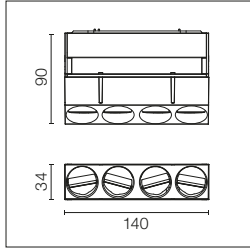
Beam Angle: 47°
 h(m) E(lx) D(m)
 1 1407 0.84
 2 352 1.69
 3 156 2.53
 4 88 3.38
 5 56 4.22

Luminous flux luminaire
 764 lm

THE RUNNING MAGNET – LIGHT MODULES

Light Shadow Wall-Washer

Light Source: Power LED 10,8W - 4x270 lm - 2700K/CRI 90 / 10,8W - 4x285 lm - 3000K/CRI 90

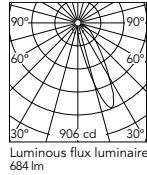


Module d'éclairage LED avec 4 spots et faible éblouissement à installer dans le système The Running Magnet. Convertisseur de courant électronique DC/DC intégré.

LED lighting module, with 4 spotlights and low glare, to be installed in the The Running Magnet system. DC/DC, built-in electronic current converter.

2700K

- 03.9905.40A
- 03.9905.14A
- Dali Version
- 03.9905.40ADA
- 03.9905.14ADA

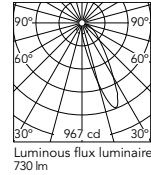


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	906	0.48
2	227	0.97
3	101	1.45
4	57	1.94
5	36	2.42

3000K

- 03.9904.40A
- 03.9904.14A
- Dali Version
- 03.9904.40ADA
- 03.9904.14ADA

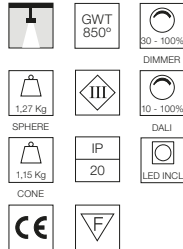
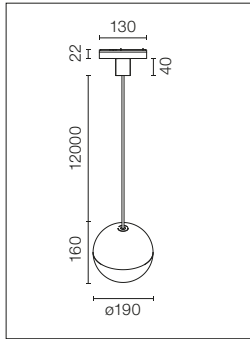


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	967	0.48
2	242	0.97
3	107	1.45
4	60	1.94
5	39	2.42

String Light Sphere

Light Source: Power LED 16W - 1310 lm - 2700K/CRI 90 / 16W - 1404 lm - 3000K/CRI 90



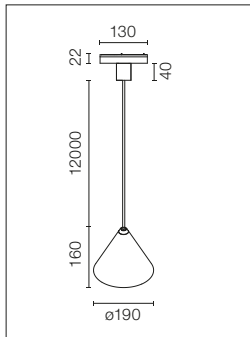
Module d'éclairage LED général à installer sur le système The Running Magnet. Convertisseur électronique de courant DC/DC intégré.

General lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

Spot Module No DALI: Maximum 9 spots par driver.

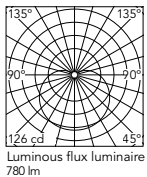
Spot Module No DALI: Maximum 9 spots for a single driver.

String Light Cone



String Light Sphere 2700K

- 03.6295.14
- Dali Version
- 03.6295.14.DA

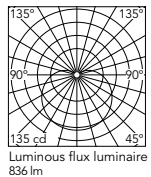


Beam Angle: 114°

h(m)	E(lx)	D(m)
1	195	3.09
2	49	6.17
3	22	9.26
4	12	12.34
5	8	15.43

String Light Sphere 3000K

- 03.6296.14
- Dali Version
- 03.6296.14.DA

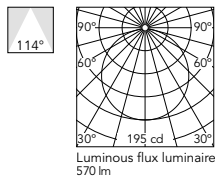


Beam Angle: 114°

h(m)	E(lx)	D(m)
1	210	3.09
2	52	6.17
3	23	9.26
4	13	12.34
5	8	15.43

String Light Cone 2700K

- 03.6297.14
- Dali Version
- 03.6297.14.DA

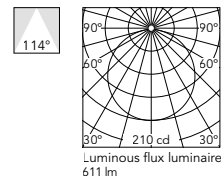


Beam Angle: 114°

h(m)	E(lx)	D(m)
1	195	3.09
2	49	6.17
3	22	9.26
4	12	12.34
5	8	15.43

String Light Cone 3000K

- 03.6298.14
- Dali Version
- 03.6298.14.DA



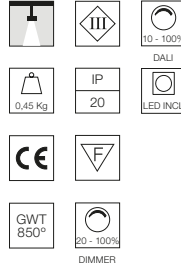
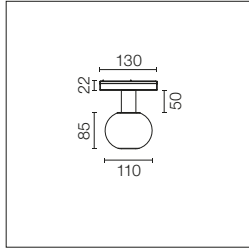
Beam Angle: 114°

h(m)	E(lx)	D(m)
1	210	3.09
2	52	6.17
3	23	9.26
4	13	12.34
5	8	15.43

THE RUNNING MAGNET – LIGHT MODULES

Mini Glo-Ball

Light Source: Power LED 7W - 800 lm - 2700K/CRI 80 / 7W - 880 lm - 3000K/CRI 80



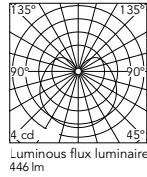
Module d'éclairage LED général à installer sur le système The Running Magnet. Convertisseur électronique de courant DC/DC intégré.

General lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

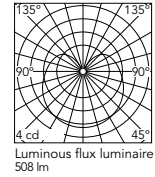
Spot Module No DALI:
Maximum de 21 spots par driver.
Spot Module DALI:
Maximum de 14 spots par driver.

Spot Module No DALI:
Maximum 21 spots for a single driver.
Spot Module DALI:
Maximum 14 spots for a single driver.

- **2700K**
- 03.6260.14B
Dali Version
- 03.6260.14.DA

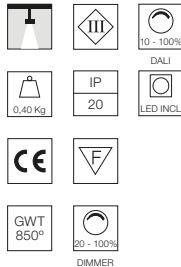
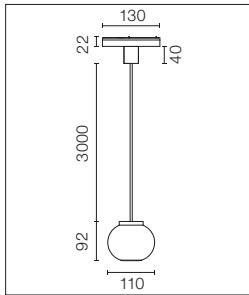


- **3000K**
- 03.6261.14B
Dali Version
- 03.6261.14.DA



Mini Glo-Ball S

Light Source: Power LED 3,5W - 400 lm - 2700K/CRI 80 / 3,5W - 440 lm - 3000K/CRI 80



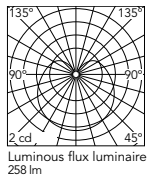
Module d'éclairage LED général à installer sur le système The Running Magnet. Convertisseur électronique de courant DC/DC intégré.

General lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

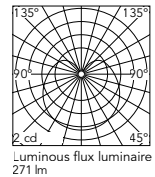
Spot Module No DALI:
Maximum de 21 spots par driver.
Spot Module DALI:
Maximum de 14 spots par driver.

Spot Module No DALI:
Maximum 21 spots for a single driver.
Spot Module DALI:
Maximum 14 spots for a single driver.

- **2700K**
- 03.6262.14B
Dali Version
- 03.6262.14.DA

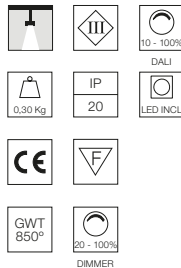
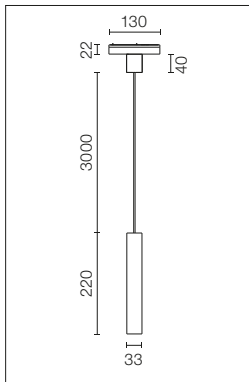


- **3000K**
- 03.6263.14B
Dali Version
- 03.6263.14.DA



Find Me 1 Suspension

Light Source: Power LED 8W - 560 lm - 2700K/CRI 90 / 8W - 600 lm - 3000K/CRI 90



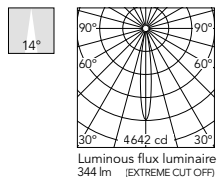
Module d'éclairage LED d'accent à installer sur le système The Running Magnet. Convertisseur électronique de courant DC/DC intégré.

Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

Spot Module No DALI:
Maximum de 21 spots par driver.
Spot Module DALI:
Maximum de 14 spots par driver.

Spot Module No DALI:
Maximum 21 spots for a single driver.
Spot Module DALI:
Maximum 14 spots for a single driver.

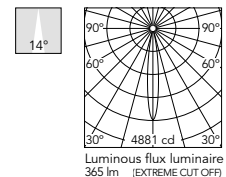
- **2700K**
- 03.6272.30C
- 03.6272.06C
- 03.6272.14C
Dali Version
- 03.6272.30CDA
- 03.6272.06CDA
- 03.6272.14CDA



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4642	0.24
2	1160	0.48
3	516	0.72
4	290	0.95
5	186	1.19

- **3000K**
- 03.6273.30C
- 03.6273.06C
- 03.6273.14C
Dali Version
- 03.6273.30CDA
- 03.6273.06CDA
- 03.6273.14CDA



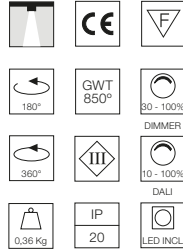
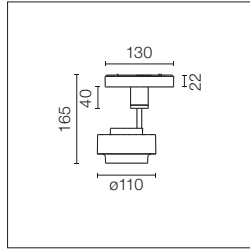
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4881	0.24
2	1220	0.49
3	542	0.73
4	305	0.97
5	195	1.21

THE RUNNING MAGNET – LIGHT MODULES

Anthony Spot Track By Antonio Citterio

Light Source: Power LED 16W - 1310 lm - 2700K/CRI 90 / 16W - 1404 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système The Running Magnet. Convertisseur électronique de courant DC/DC intégré.

Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

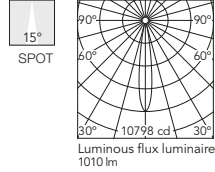
Spot Module No DALI:
Maximum 9 spots par driver.

Spot Module No DALI:
Maximum 9 spots for a single driver.

Voir les accessoires proposés.

See available accessories.

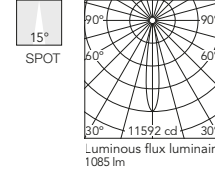
- 2700K**
 03.6277.40A
 03.6277.14A
 Dali Version
 03.6277.40ADA
 03.6277.14ADA



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	10798	0.27
2	2700	0.54
3	1200	0.81
4	675	1.09
5	432	1.36

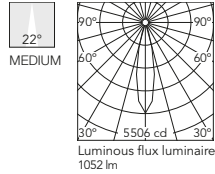
- 3000K**
 03.6274.40A
 03.6274.14A
 Dali Version
 03.6274.40ADA
 03.6274.14ADA



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	11592	0.27
2	2898	0.54
3	1288	0.81
4	724	1.09
5	464	1.36

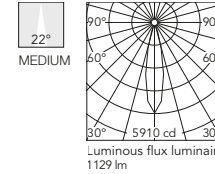
- 2700K**
 03.6278.40A
 03.6278.14A
 Dali Version
 03.6278.40ADA
 03.6278.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5506	0.40
2	1376	0.79
3	612	1.19
4	344	1.58
5	220	1.98

- 3000K**
 03.6275.40A
 03.6275.14A
 Dali Version
 03.6275.40ADA
 03.6275.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5910	0.40
2	1478	0.79
3	657	1.19
4	369	1.58
5	236	1.98

Accessoires / Accessories

Anthony Spot Track

Lentille elliptique.

Elliptical lens.



08.8418.68A

Honeycomb.

Honeycomb.



08.8419.14A

Lentille flood.

Pour atteindre le flood (35°)
commander Anthony Spot Medium
+ lentille flood.

Flood lens.

To obtain flood optics (35°) order
Anthony Spot Medium + flood lens.



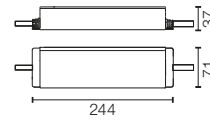
08.0050.00

THE RUNNING MAGNET

Appareillages / Drivers

Source d'alimentation LED pour installation à distance dans tableau électrique 24V/200W. Pour éviter des problèmes de surcharge, il est conseillé d'installer une alimentation indépendante tous les 185W. 100/240V.

LED power supply source for remote installation in 24V/200W electric control panel. To avoid problems of overload it is recommended to install a power source every 185W. 100/240V.

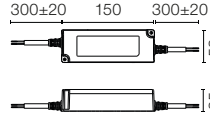


60.9352

The Running Magnet Up&Down version

Transformateur électronique à tension constante (24V) pour LED. 100/240V.

Electronic transformer with constant voltage (24V) for LED. 100/240V.

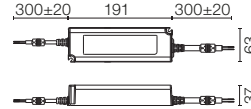


60W
60.9089

Up lighting max 6m

Transformateur électronique à tension constante (24V) pour LED. 100/240V.

Electronic transformer with constant voltage (24V) for LED. 100/240V.

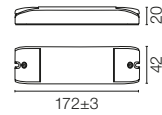


120W
60.9407

Up lighting max 8m

Unité de contrôle dimmable DALI avec 1 canal pour les modules LED 24V. Appareil d'alimentation non inclus.

Dimmable Dali control unit with 1 channel for 24V LED modules. Power supply not included.



60.8635

** Pour calculer la dimension de l'installation, garder une marge de sécurité de 15% de la puissance maximale de l'alimentation LED.
For the sizing of the installation keep a safety margin of 15% of the maximum power of the LED power source.

THE TRACKING MAGNET

DESIGNED BY FLOS ARCHITECTURAL

FLOS
SMART CONTROL



RECESSED

SURFACE

SUSPENSION
UP & DOWN / DOWN



Recessed Profiles 14 Noir
 14 Black

Surface/Suspension Profiles 40 Blanc
 40 White

05 Aluminium Poli
 05 Polished Aluminium

14 Noir
 14 Black

LIGHT MODULES

LIGHT STRIPE



LIGHT SOURCE
TOP LED
20W/m
1859 lm/m
2700K/CRI 90
1967 lm/m
3000K/CRI 90

SPOT 50



LIGHT SOURCE
POWER LED
3,5W
286 lm
2700K/CRI 90
307 lm
3000K/CRI 90

SPOT 90



LIGHT SOURCE
POWER LED
8,5W
610 lm
2700K/CRI 90
656 lm
3000K/CRI 90

SPOT 120



LIGHT SOURCE
POWER LED
12W
724 lm
2700K/CRI 90
779 lm
3000K/CRI 90

SPOT 120



LIGHT SOURCE
LED ARRAY
12,5W
1075 lm
2700K/CRI 90
1138 lm
3000K/CRI 90

SPOT 150



LIGHT SOURCE
LED ARRAY
22,5W
2000 lm
2700K/CRI 90
2115 lm
3000K/CRI 90

ANTHONY SPOT TRACK



LIGHT SOURCE
LED ARRAY
16,5W
1620 lm
2700K/CRI 90
1730 lm
3000K/CRI 90

WALLEE



LIGHT SOURCE
TOP LED
10W
773 lm
2700K/CRI 90
818 lm
3000K/CRI 90



Surface
Flos Kit
Installation



Recessed
Flos Kit
Installation



Recessed
Conventional
Installation



Anthony Spot

THE TRACKING MAGNET

Description

Système d'éclairage pour l'intérieur renouvelé pour l'installation en surface, suspension et à encasturer aux plafonds et murs en placo-plâtre. Dans cette nouvelle proposition, outre la prospère version "On Board Dimmer", FLOS va encore plus loin et lance à la fois des profils et des appareils d'éclairage conçus pour la gestion du système avec une variété d'options: DALI, 1-10V et le système sans fil exclusif FLOS Smart Control®.

Il en existe deux versions, toutes les deux fabriquées avec un profilage en aluminium d'une longueur maximale de 3 m extrudé en blanc, noir ou aluminium poli, avec des rails électriques alimentés en 48V.

De plus, les versions contrôlées par le système (DALI, 1-10V, FLOS Smart Control®) sont équipées d'un databus en graphite pour la régulation.

Les appareils d'éclairage sont fixés avec un système magnétique.

La gamme Tracking Magnet se compose d'appareils d'éclairage d'ambiance et d'accentuation avec différentes optiques. Tous les appareils sont équipés d'un potentiomètre intégré, dimmable DALI ou 1-10V pour régler l'intensité lumineuse et en version FLOS Smart Control®, pour un réglage à distance.

Contrôle

- Pour l'installation des luminaires version "On Board Dimmer", utilisez la version du rail "On Board Dimmer". Les luminaires DALI et 1-10V, ainsi que le système FLOS Smart Control® sont seulement compatibles avec la version du rail DALI, 1-10V et FLOS Smart Control®.

- Pour la gestion par protocole DALI, il est nécessaire de connecter le bus de données de contrôle directement au profilé.

- Pour la gestion 1-10V, le système de contrôle doit être actif (SOURCE, le contrôleur génère le signal de tension) et le bus de données de contrôle doit être connecté directement au profil. Si le contrôleur est de type passif (SINK), l'unité Control Dimming BOX est nécessaire (elle se trouve entre l'unité de contrôle et le rail). Elle est à commander séparément dans la partie accessoires. Dans le système de gestion 1-10V, tous les luminaires sont réglés en même temps (en bloc ou en Broadcast).

- Pour gérer le système FLOS Smart Control®, il est nécessaire de commander des luminaires DALI et une passerelle DALI Bluetooth par ligne. 64 luminaires maximum par passerelle.

Nombre maximum d'interconnexions de rails pour garantir la communication du signal DALI ou 1-10V : 20 interconnexions en incluant les coupures, ou 20 mètres. Nombre maximum de coupures de rail pour garantir la communication du signal DALI ou 1-10V : 3 coupures.

Pour la gestion et le contrôle du système FLOS Smart Control® (luminaires du type DALI), vous devez vous procurer l'application APP FLOS Smart Control® pour dispositifs mobiles (disponible sur l'Apple Store) avec l'accessoire GATEWAY.

La version UP&DOWN possède une interface DALI compatible pour contrôler l'éclairage indirect. Veuillez noter que s'agissant d'un composant compatible DALI, il se peut qu'il ne réponde pas à certaines fonctions avancées du protocole DALI. Pour plus d'informations, veuillez vous référer à la section des spécifications techniques sur le site Web de Flos.

La version UP&DOWN peut être contrôlée indépendamment via DALI et FLOS Smart Control®.

Système Optique

- Light Stripe: lumière d'ambiance tamisée.

- Spot 50: Medium.

- Spot 90: Medium.

- Spot 120 Power LED (même source lumineuse que les Spot 50 et Spot 90) : Spot, Medium.

- Spot 120 LED Array (même source lumineuse que le Spot 150) : Medium, Flood.

- Spot 150: Spot, Medium, Flood

- Anthony Spot: Spot, Medium, Flood (avec filtre flood).

Unité d'Alimentation

Source d'alimentation à distance en 48V non comprise.

Accessoires

Pour le spot Anthony, il existe des lentilles elliptiques, flood (pour Anthony medium) et des accessoires anti-éblouissement.

Les appareils Spot tracking sont fournis avec une grille nid d'abeille et une croix anti-éblouissement.

Les versions Suspension offrent deux systèmes de suspension à commander séparément : des tiges rigides pour éviter l'inclinaison du profilé (structures rectilignes sans angles) ou pour les installations qui nécessitent un système de fixation plus rigide; et des câbles en acier recommandés si la structure prévoit un angle, qui permettront d'éviter toute inclinaison.

Informations Complémentaires

La version Recessed est à installer uniquement sur des surfaces carton-plâtre de 12,5 mm d'épaisseur.

Le Tracking Magnet est un système électrique alimenté en 48V et limité à un courant maximum de 6.6A et 320W pour éviter les surcharges.

Indice de protection IP20.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Renewed indoor lighting system for surface, suspended and recessed in plasterboard wall/ceiling installation.

In the new proposal, beside the successful "On Board Dimmer" version, FLOS goes one step beyond, launching both track and luminaires designed for system management in a variety of options: DALI, 1-10V, and the exclusive wireless system FLOS Smart Control®. There are two profile version, both manufactured with aluminium profiling of a maximum of 3m extruded in white, black or polished aluminium, provided with electric tracks powered at 48V.

Furthermore, the system controlled versions (DALI, 1-10V, FLOS Smart Control®) are equipped with graphite data bus for regulation.

Luminaires are installed through a magnetic fixing system.

The Tracking Magnet product group is complemented with ambient and accent lighting modules, with different optics. All light fixtures are available with potentiometer incorporated, dimmable DALI or 1-10V to set the light intensity, and in FLOS Smart Control® for remote setting.

Control

- For installation of "On Board Dimmer" luminaires, use "On Board Dimmer" track version. Luminaires DALI and 1-10V, and the FLOS Smart Control® system are only compatible with track DALI, 1-10V, FLOS Smart Control® version.

- To manage using DALI protocol, it is necessary to connect the control data bus directly to the profile.

- For the 1-10V management, the control system needs to be active (SOURCE, the controller generates the power signal) and the control data bus needs to be directly connected to the profile. If the controller is passive (SINK), the Control Dimming BOX unit will be necessary. It is located between the control unit and the track, and it must be ordered separately from the accessories department. In the 1-10V management system, all luminaires are dimmed at the same time (as a block or broadcast).

- To manage the FLOS Smart Control® system, DALI luminaires and a Gateway DALI Bluetooth must be ordered per line. Maximum 64 luminaires per Gateway.

Maximum number of track interconnections to guarantee the communication of the DALI or 1-10V signal: 20 interconnections including cuts, or 20 meters. Maximum number of track cuts to guarantee the communication of the DALI or 1-10V signal: 3 cuts.

For managing and controlling the FLOS Smart Control® system (DALI type luminaires), the FLOS Smart Control® app for mobile devices is necessary (available in the Apple Store), as well as the GATEWAY accessory.

The UP&DOWN version has a compatible DALI interface for controlling indirect lighting.

Please note that since it is a DALI compatible component, it may not respond to advanced DALI protocol functions. For more information, see the technical specifications section on the Flos website.

The UP&DOWN version can be controlled independently via DALI and FLOS Smart Control®.

Optic system

- Light Stripe: diffuse ambient light.

- Spot 50: Medium.

- Spot 90: Medium.

- Spot 120 Power LED (same light source as the Spot 50 and Spot 90): Spot, Medium.

- Spot 120 LED Array (same light source as the Spot 150): Medium, Flood.

- Spot 150: Spot, Medium, Flood.

- Anthony Spot: Spot, Medium, Flood (with flood filter).

Power Supply

Remote 48V power supply not included.

Accessories

For the Anthony Spot lighting module there are elliptical, flood lenses (to be used with Anthony Spot Medium) and screening elements.

For the Spot tracking lighting modules, the honeycomb and screening crossbrace accessories are incorporated in the product.

The Suspension versions offer two suspension systems that must be ordered separately: rigid bars to stop the profile tilting (straight structures with no corners) or for installations requiring a more rigid fixture system, and steel cable, recommended if a corner is included in the structure, where the tilt will not appear in any case.

Additional Information

Recessed version only to be installed in 12.5mm thick plasterboard surfaces.

The Tracking Magnet is a 48V electrical system limited to a maximum power current of 6.6A and 320W to avoid overloads.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

THE TRACKING MAGNET RECESSED – PROFILES

Profils

Profil électromécanique à encastrer en plafonds et murs en placo-plâtre, de 1m à 3m de longueur.

Version compatible avec les luminaires “On board dimmer” et celle compatible avec les luminaires contrôlées par le système (compatible DALI, 1-10V, FLOS Smart Control®) disponibles. Coins, connecteurs et accessoires communs pour les deux versions.

Alimentation, connecteur intermédiaire et embouts de finition sont à commander séparément.

Des angles mécaniques de 90° sur le même plan (élément symétrique pour angles gauche et droit) sont disponibles, et des angles intérieurs et extérieurs symétriques à 90° en plan différent.

Connecteurs intermédiaires à commander séparément pour garantir la continuité électrique dans les angles.

Il n'est pas possible d'installer des spots dans les angles.

Kits de fixation, fixe ou réglable disponibles en option. Les kits de fixation au plafond permettent d'installer les profilés sans profilés de fixation en aluminium. Recommandé pour les installations qui permettent d'installer le profilé Tracking Magnet avant l'installation du faux plafond en placo plâtre.

Profiles

Electromechanical profile for recessed installation in plasterboard ceilings and walls, available in lengths from 1m to 3m.

Version compatible with “On board dimmer” luminaries and version compatible with system controlled luminaries (DALI compatible, 1-10V, FLOS Smart Control®) available. Corners, connectors and accessories common for the two profile versions.

Feed connector, intermediated connector and end-caps to be ordered separately.

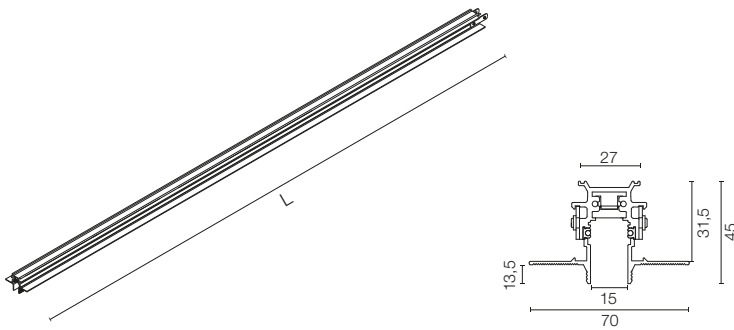
Mechanical 90° corners available in the same plane (symmetrical element for left and right corners), symmetrical 90° inner and outer corners in different planes.

Intermediate connectors to be ordered separately if electrical continuity on corners is required.

Corners do not admit installation of spots.

Fixed or adjustable fastening kits available (optional). The fastening kits for the roof permit installing without using aluminium fastening profiles.

Recommended for installations where the Tracking Magnet can be installed before the suspended plasterboard ceiling.



L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

On board dimmer compatible

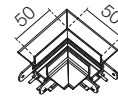
- L: 1000 mm
- 06.5050.14
- L: 1500 mm
- 06.5051.14
- L: 2000 mm
- 06.5052.14
- L: 2500 mm
- 06.5053.14
- L: 3000 mm
- 06.5054.14

DALI / 1-10V / FLOS Smart Control® compatible

- L: 1000 mm
- 06.5040.14
- L: 1500 mm
- 06.5041.14
- L: 2000 mm
- 06.5042.14
- L: 2500 mm
- 06.5043.14
- L: 3000 mm
- 06.5044.14

Angle mécanique à 90°. Pour créer une continuité électrique, commander le connecteur intermédiaire flexible.

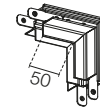
90° mechanical corner. To create electrical continuity, order with the flexible intermediate connector.



■ 06.5045.14

Angle mécanique intérieur. Pour créer une continuité électrique, commander le connecteur intermédiaire flexible.

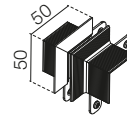
Inner mechanical corner. To create electrical continuity, order with the flexible intermediate connector.



■ 06.5046.14

Angle mécanique extérieur. Pour créer une continuité électrique, commander le connecteur intermédiaire flexible.

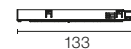
Outer mechanical corner. To create electrical continuity, order with the flexible intermediate connector.



■ 06.5047.14

Connecteur d'alimentation.

Feed connector.



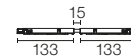
■ 08.0611.14

Angle extérieur.

Intermediate connector.



Straight
■ 08.0612.14

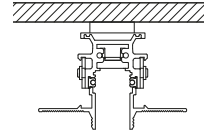


Flexible/Electrical corner
■ 08.0614.14

THE TRACKING MAGNET RECESSED – PROFILES

Kit de fixation au plafond fixe (en option). Kit de 2 unités.

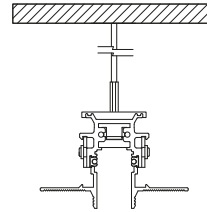
Fixed ceiling kit (optional). 2 unit kit.



■ 08.8866.14

Kit de fixation au plafond ajustable (en option). Kit de 2 unités.

Adjustable ceiling kit (optional). 2 unit kit.



■ 08.8867.14

Profile (mm)	Quantities Ceiling Kit (units)
1000 / 1500	2
2000 / 2500	3
3000	4

Embouts de finition. Ils doivent être commandés séparément. Kit de 2 unités.

End caps. To be ordered separately. 2 unit kit.



■ 06.5008.14

THE TRACKING MAGNET SURFACE/SUSPENSION – PROFILES

Profils

Profil électromécanique de 1 à 3m, pour installation en surface ou suspendue.

Version compatible avec les luminaires “On board dimmer” et celle compatible avec les luminaires contrôlées par le système (compatible DALI, 1-10V, FLOS Smart Control®) disponibles. Coins, connecteurs et accessoires communs pour les deux versions.

Les connecteurs d'alimentation, connecteurs intermédiaires, embouts de finition et accessoires de fixation sont à commander séparément. Des angles mécaniques à 90° sur le même plan sont disponibles (élément symétrique pour angle gauche et droit), et des angles intérieurs symétriques à 90° dans un plan différent.

Connecteurs intermédiaires à commander séparément pour garantir la continuité électrique dans les angles.

Il n'est pas possible d'installer des spots dans les angles.

Profiles

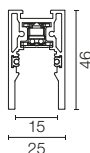
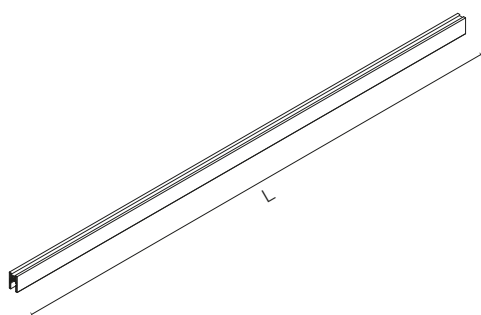
Electromechanical profile for surface-mounting, available in lengths from 1m to 3m.

Version compatible with “On board dimmer” luminaries and version compatible with system controlled luminaries (DALI compatible, 1-10V, FLOS Smart Control®) available. Corners, connectors and accessories common for the two profile versions.

Feed connector, intermediated connector, end-caps and attachment accessories to be ordered separately.

Mechanical 90° corners available in the same plane (symmetrical element for left and right corner) and 90° symmetrical internal corners in a different plane. Intermediate connectors to be ordered separately if electrical continuity on corners is required.

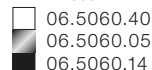
Corners do not admit installation of spots.



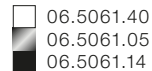
L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

On board dimmer compatible

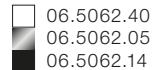
L: 1000 mm



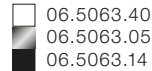
L: 1500 mm



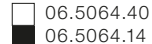
L: 2000 mm



L: 2500 mm

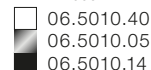


L: 3000 mm

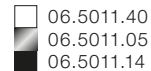


DALI / 1-10V / FLOS Smart Control® compatible

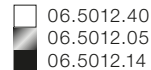
L: 1000 mm



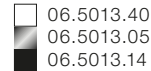
L: 1500 mm



L: 2000 mm



L: 2500 mm

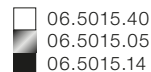
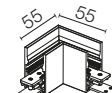


L: 3000 mm



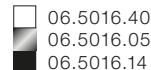
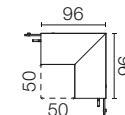
Angle mécanique à 90°. Pour créer une continuité électrique, commander le connecteur intermédiaire flexible.

90° mechanical corner. To create electrical continuity, order with the flexible intermediate connector.



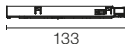
Angle intérieur. Uniquement pour version surface.

Inner mechanical corner. Only for surface version.



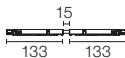
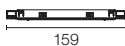
Connecteur d'alimentation.

Feed connector.



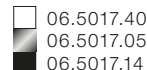
Angle extérieur.

Intermediate connector.



Embouts de finition. Ils doivent être commandés séparément. Kit de 2 unités.

End caps. To be ordered separately. 2 unit kit.



THE TRACKING MAGNET SURFACE/SUSPENSION

Accessoires / Accessories

Suspension

Rosace d'alimentation de surface. Équipement, câble d'alimentation et câble de suspension non inclus, à commander séparément.

Surface rose. Equipment, power cable and suspension cable not included. They must be ordered separately.



08.8883.40A
08.8883.14A

Rosace d'alimentation encastrée. Équipement, câble d'alimentation et câble de suspension non inclus, à commander séparément.

Recessed power supply rose. Equipment, power cable and suspension cable not included. They must be ordered separately.



08.8889.40
08.8889.14

Câble d'alimentation transparent à 4 pôles, section de 0,75 mm² et 4 mètres de long.

4-pole, 0.75 mm² section, 4-meter long, transparent power cable.



06.0157.00

Tiges rigides pour éviter le basculement du profilé (structures rectilignes sans angles) ou pour installations qui nécessitent un système de fixation plus rigide. Rigid rod to avoid the profile from tilting (rectilinear structures without corners) or to be installed in places where a more rigid fixing system is required.

Tige de suspension avec rosace 1 m. Filetage m6. Non applicable avec une boîte d'alimentation de surface.

1 m suspension rod with ceiling rose. M6 thread. Not applicable with a Surface power box.



60.3014.11
60.3014.14

Set prolongation tige suspension 1 m. Filetage m6.

1 m suspension rod extension set m6 thread.



60.3097.11
60.3097.14

Câble de suspension en acier de 4 mètres recommandé si la structure possède un ou plusieurs angles, étant donné que sur ces structures le rail ne s'incline pas même si le poids des luminaires n'est pas équilibré.

A 4-meter steel suspension cable is recommended if the structure includes one or more angles, since in these structures the track does not tilt even if the weight of the luminaires is not balanced.



08.8634.00

Nombre d'éléments de fixation nécessaires (câbles ou tiges) : lors de l'assemblage des profilés en ligne, la quantité nécessaire est la somme des éléments nécessaires pour chaque profilé, selon le tableau, moins un pour chaque jonction.

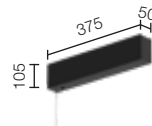
Amount of fastening elements necessary (cables or rods): for the union of rectilinear profiles, the necessary amounts shall be the sum of the necessary elements for each profile, according to the table, one less for each joint.

Profile (mm)	Quantities Ceiling Kit (units)
1000 / 1500	2
2000 / 2500	3
3000	4

Suspension

Boîtier d'alimentation en surface avec équipement inclus 320W / 48Vdc. Câble transparent de 4 pôles et 4 mètres inclus. Ne convient pas à des installations avec tiges de suspension. Pour contrôle 1-10V utiliser uniquement des signaux actifs.

Surface power supply with 320W / 48Vdc driver included. 4-meter, 4-pole transparent cable included. Not suitable for installations with suspension rods. For 1-10V control, use only active signals.



08.0600.40
08.0600.14

Kit de fixation au plafond. Kit de 2 unités.

Ceiling fixing kit. 2 unit kit.



Surface
08.0615.00

Suspension
08.0616.00

THE TRACKING MAGNET SUSPENSION UP&DOWN – PROFILES

Profils

Profil électromécanique à suspendre.

Les éléments linéaires en version Up&Down sont équipés d'un éclairage indirect LED dans la partie supérieure du profilé.

Version compatible avec les luminaires "On board dimmer" et celle compatible avec les luminaires contrôlées par le système (compatible DALI, 1-10V, FLOS Smart Control®) disponibles.

Les profilés ne peuvent pas être coupés. Les embouts de finition doivent être commandés séparément.

Les accessoires de suspension (câbles et tiges en acier) doivent être commandés séparément.

Les angles de 90° sur le même plan (élément symétrique pour angle gauche et droit).

Les angles ne sont pas équipés d'éclairage indirect. L'éclairage indirect est contrôlé par un circuit commun à lumière directe ou indépendamment.

La version UP & DOWN peut être contrôlée indépendamment via DALI ou FLOS Smart Control®.

Profiles

Electrical/mechanical profile for suspended installations.

The linear elements in the Up&Down version include indirect LED lighting in the upper part of the profile.

Version compatible with "On board dimmer" luminaires and version compatible with system controlled luminaires (DALI compatible, 1-10V, FLOS Smart Control®) available.

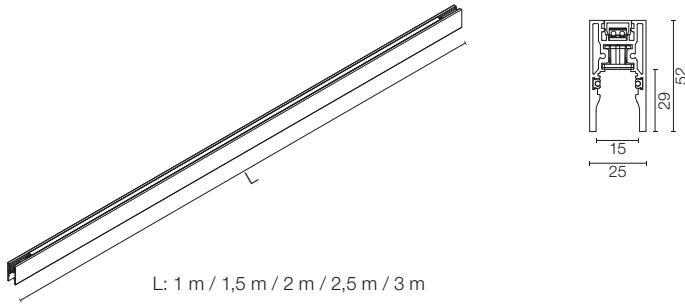
The profiles cannot be cut.

The end caps must be ordered separately.

Suspension accessories (steel cable and rods) should be ordered separately. 90° corners available in the same plan (symmetrical element for left and right corners).

The corners do not have indirect lighting. Indirect lighting can be controlled either through the same circuit than direct lighting or independently.

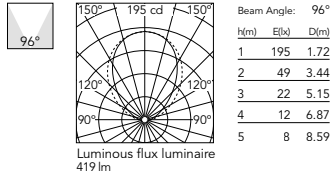
The UP&DOWN version can be controlled independently via DALI or FLOS Smart Control®.



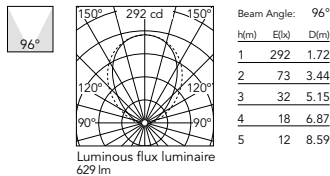
Light Source: Top LED 6,5W/m Up - 630 lm/m Up - 3000K/CRI 80

On board dimmer compatible

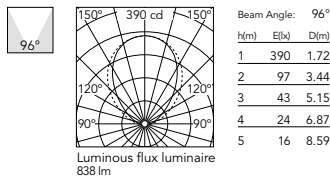
L: 1000 mm
 06.5070.40
 06.5070.05
 06.5070.14



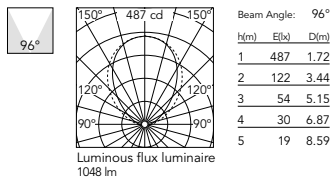
L: 1500 mm
 06.5071.40
 06.5071.05
 06.5071.14



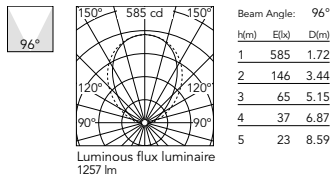
L: 2000 mm
 06.5072.40
 06.5072.05
 06.5072.14



L: 2500 mm
 06.5073.40
 06.5073.05
 06.5073.14

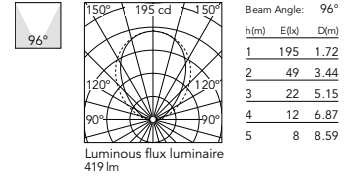


L: 3000 mm
 06.5074.40
 06.5074.14

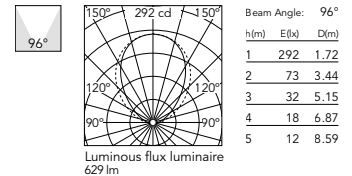


DALI / 1-10V / FLOS Smart Control® compatible

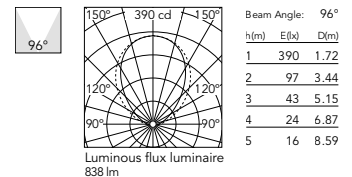
L: 1000 mm
 06.5020.40
 06.5020.05
 06.5020.14



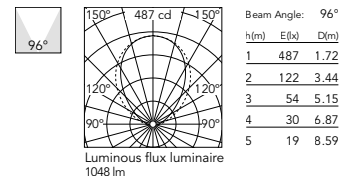
L: 1500 mm
 06.5021.40
 06.5021.05
 06.5021.14



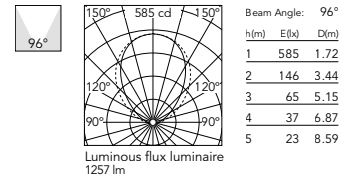
L: 2000 mm
 06.5022.40
 06.5022.05
 06.5022.14



L: 2500 mm
 06.5023.40
 06.5023.05
 06.5023.14



L: 3000 mm
 06.5024.40
 06.5024.14

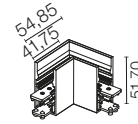


THE TRACKING MAGNET SUSPENSION UP&DOWN – PROFILES

Accessoires / Accessories

Angle mécanique 90°.
Deux connexions finales de suspension incluses. Câble en acier non inclus.
Pas d'éclairage sur la partie supérieure.
Connexions de la partie supérieure incluses.

90° mechanical angle.
Two end suspension connections included. Steel cable not included. No lighting on the upper part.
Upper part connections included.



06.5025.40
06.5025.05
06.5025.14

Kit de suspension intermédiaire pour joindre les profilés. Comprend la connexion électrique de la partie supérieure. Un connecteur intermédiaire est nécessaire. Il est à commander séparément. Câble en acier non inclus.

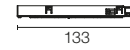
Intermediate suspension kit for joining profiles. It includes the electrical connection of the upper part. An intermediate connector is necessary. It must be ordered separately. Steel cable not included.



08.0627.00

Connecteur d'alimentation. Comprend deux accessoires de suspension pour les extrémités du profilé et un câble électrique à 6 pôles de 4 m. Câble en acier non inclus. Les accessoires de suspension centraux sont inclus dans le profilé.

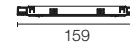
Power connector. Includes two suspension accessories for the profile ends and a 6-pole and 4-meter long electrical cable. Steel cable not included. Central suspension accessories are included in the profile.



08.0626.00

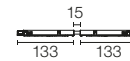
Angle extérieur.

Intermediate connector.



Straight

08.0612.14



Flexible/Electrical corner

08.0614.14

Embout de finition. Ils doivent être commandés séparément. Kit de 2 unités.

End caps. To be ordered separately. 2 unit kit.



06.5026.40
06.5026.05
06.5026.14

Rosace d'alimentation de surface. Équipement, câble d'alimentation et câble de suspension non inclus, à commander séparément.

Surface rose. Equipment, power cable and suspension cable not included. They must be ordered separately.



08.8883.40A
08.8883.14A

Rosace d'alimentation encastrée. Équipement, câble d'alimentation et câble de suspension non inclus, à commander séparément.

Recessed power supply rose. Equipment, power cable and suspension cable not included. They must be ordered separately.



08.8889.40
08.8889.14

Câble d'alimentation transparent à 4 pôles, section de 0,75 mm² et 4 mètres de long.

4-pole, 0.75 mm² section, 4-meter long, transparent power cable.



06.0157.00

Tiges rigides pour éviter le basculement du profilé (structures rectilignes sans angles) ou pour installations qui nécessitent un système de fixation plus rigide. Rigid rod to avoid the profile from tilting (rectilinear structures without corners) or to be installed in places where a more rigid fixing system is required.

Tige de suspension avec rosace 1 m. Filetage m6. Non applicable avec une boîte d'alimentation de surface.

Suspension rod with 1 m rose. m6 thread. Not applicable with a surface power box.



60.3014.11
60.3014.14

Set prolongation tige suspension 1 m. Filetage m6.

1 m suspension rod extension set m6 thread.



60.3097.11
60.3097.14

Nombre d'éléments de fixation nécessaires (câbles ou tiges) : lors de l'assemblage des profilés en ligne, la quantité nécessaire est la somme des éléments nécessaires pour chaque profilé, selon le tableau, moins un pour chaque jonction.

Amount of fastening elements necessary (cables or rods): for the union of rectilinear profiles, the necessary amounts shall be the sum of the necessary elements for each profile, according to the table, one less for each joint.

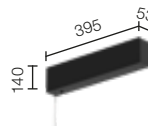


08.8634.00

Profile (mm)	Quantities Suspension Kit (units) Feed Profile
1000 / 1500	2
2000 / 2500	3
3000	4

Boîtier d'alimentation en surface avec équipement inclus 320W / 48Vdc. Câbles en acier et câbles électriques non inclus. Non adapté à des installations avec des tiges de suspension. DALI / 1-10V / 0-10V / No dim.

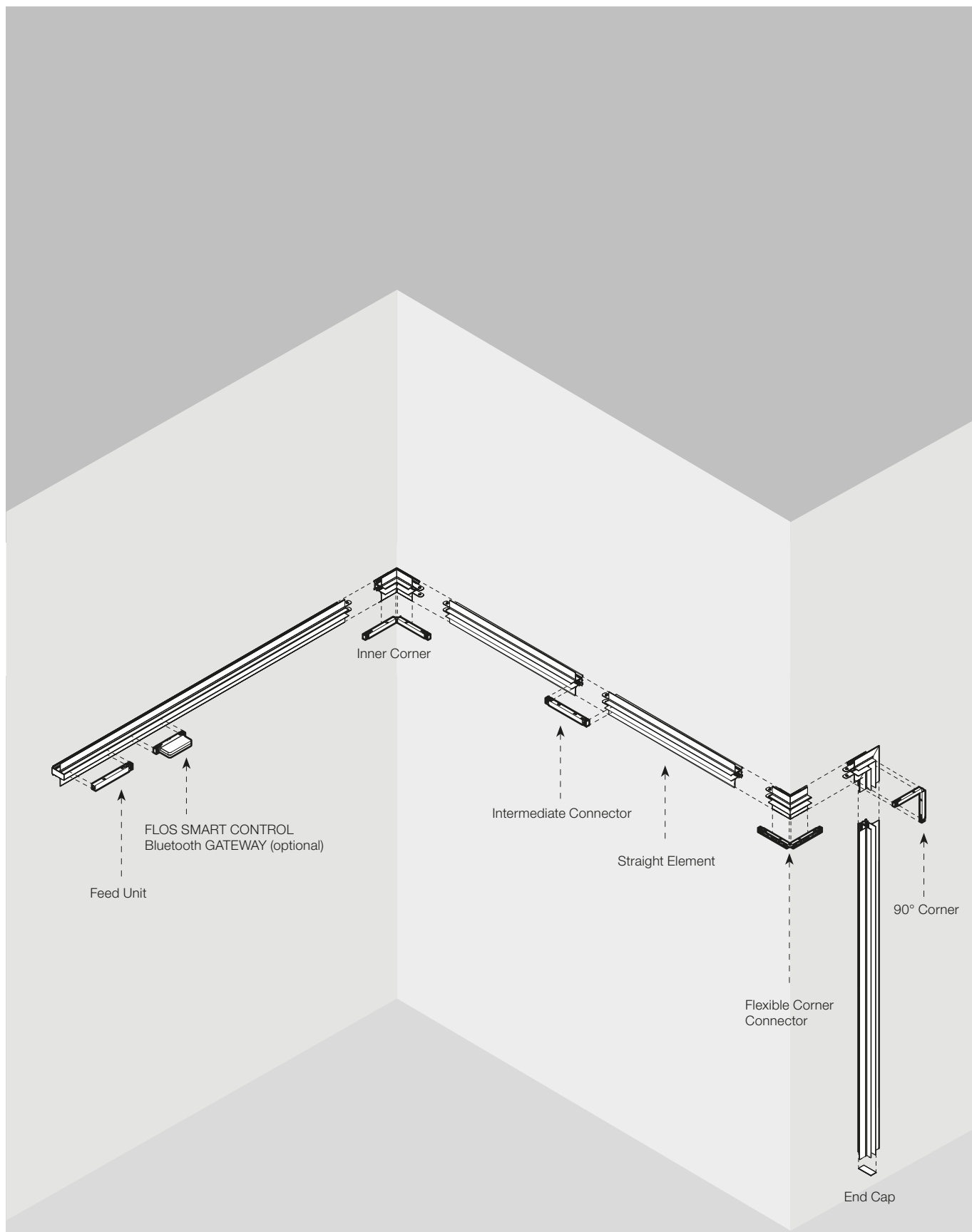
Surface power supply with driver included 320W / 48Vdc. Steel and electric cables not included. Not valid for installation with suspension rods. DALI / 1-10V / 0-10V / No dim.



1-10V
08.0631.40
08.0631.14
Dali Version
08.0632.40
08.0632.14

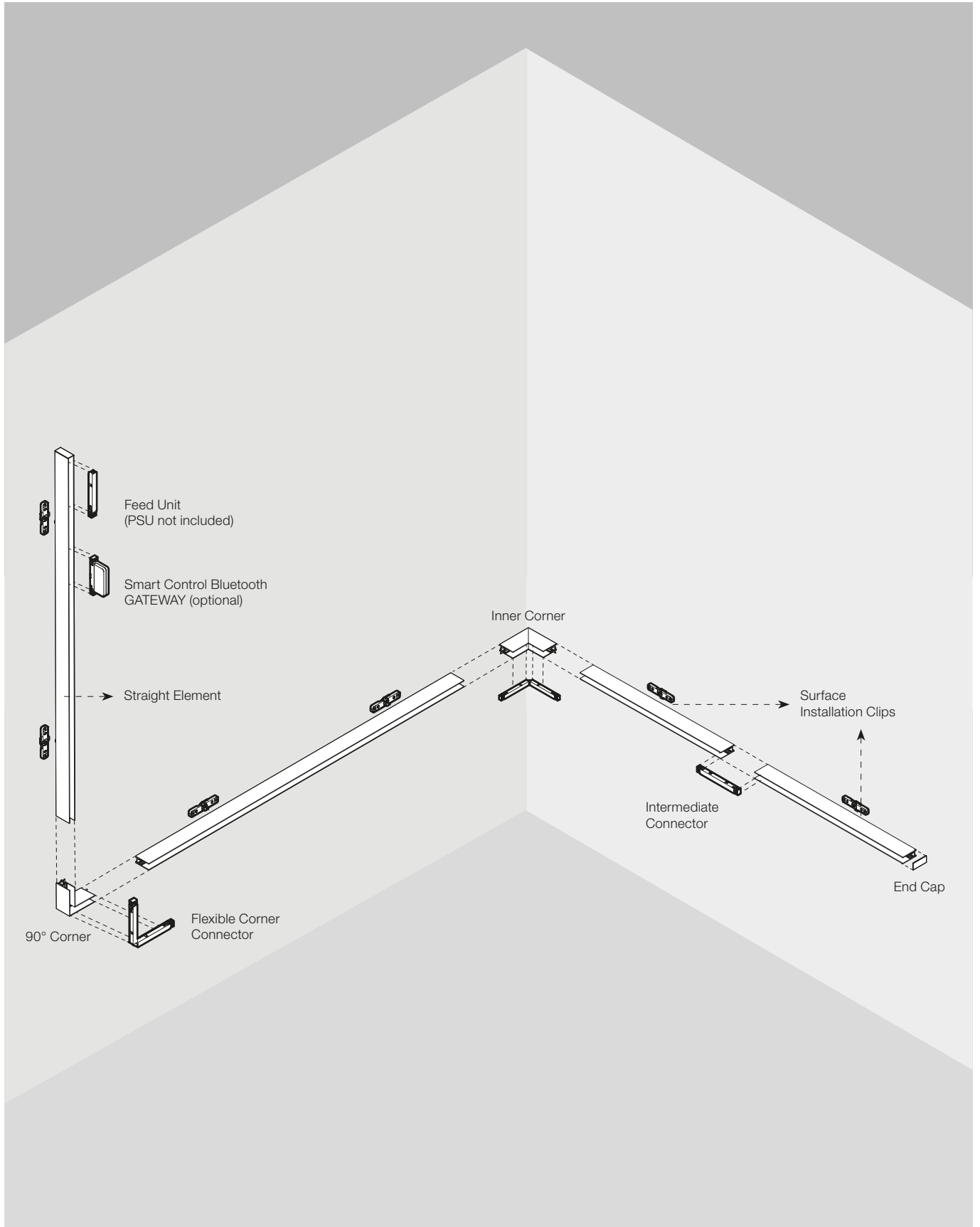
THE TRACKING MAGNET – INSTALLATION PROFILES

RECESSED INSTALLATION



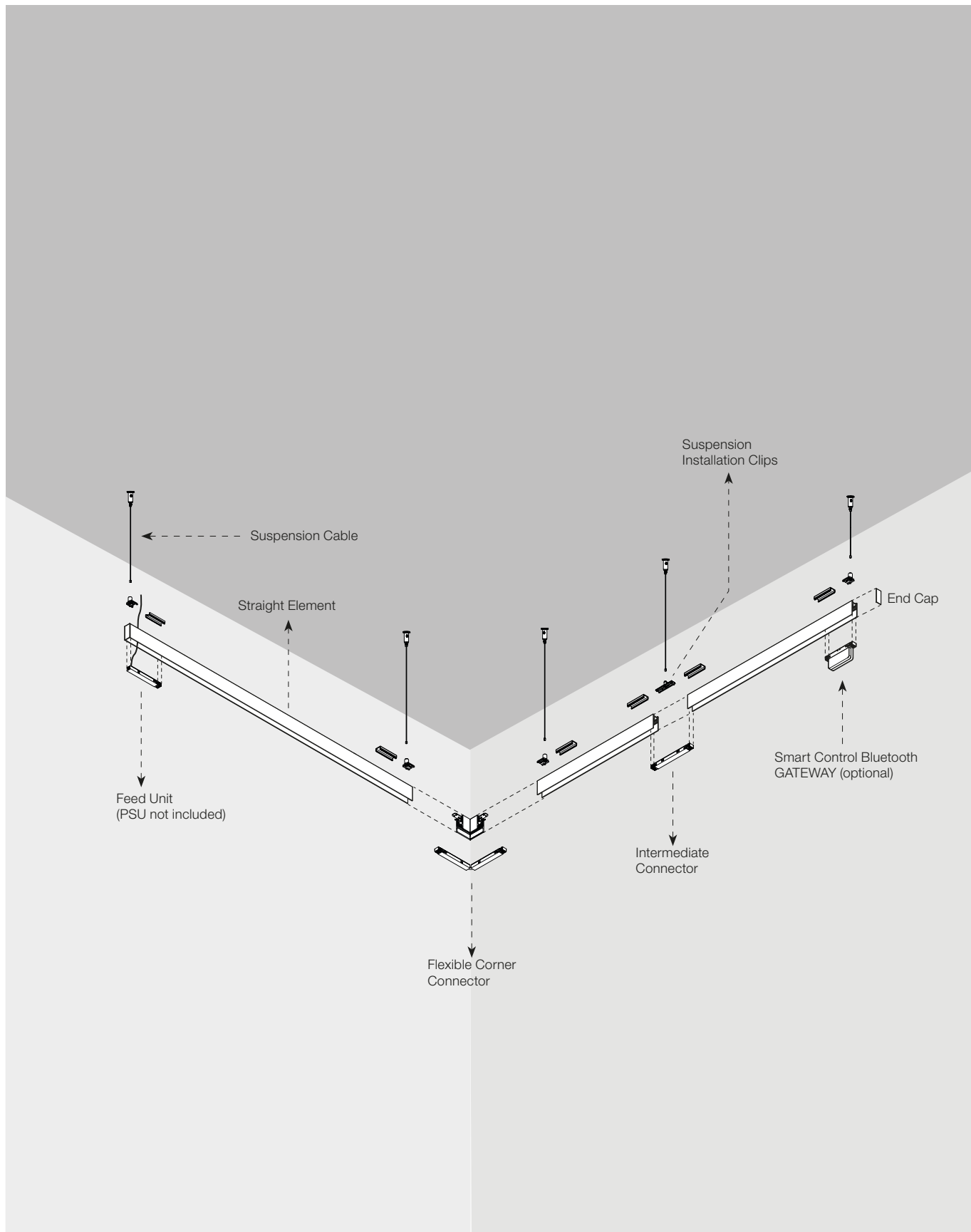
THE TRACKING MAGNET – INSTALLATION PROFILES

SURFACE INSTALLATION



THE TRACKING MAGNET – INSTALLATION PROFILES

SUSPENSION INSTALLATION

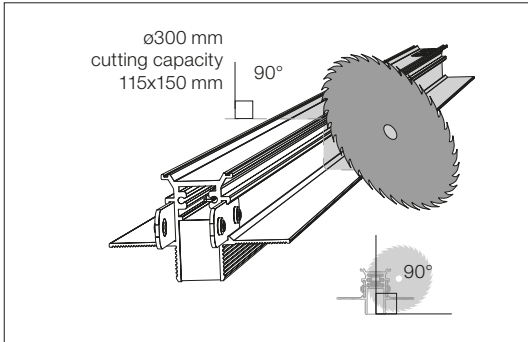


• Puis-je alimenter une structure directement à partir d'un angle ?

Oui. Il est nécessaire d'utiliser un ou deux connecteurs d'alimentation pour les profilés linéaires avec l'angle, en fonction de ce que l'on souhaite : soit alimenter uniquement un des profilés connectés à l'angle, soit alimenter les deux.

• Puis-je recouper un profilé ?

Oui, les profilés peuvent être coupés à la taille souhaitée, sauf pour les versions Suspension et Up & Down. Veillez toujours à couper en respectant l'espace réservé au passage du câble d'alimentation. La continuité électrique est réalisée avec le connecteur intermédiaire. Si une nouvelle installation est nécessaire après la coupe, il faut percer pour le passage du câble d'alimentation, dans la zone dépourvue des pistes de graphite réservées à cet effet, en utilisant un connecteur d'alimentation ne jamais percer les pistes de graphite.

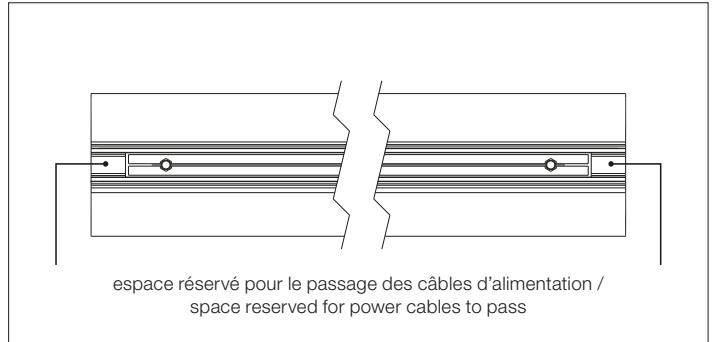


• Can I feed a structure directly from a corner?

Yes. One or two power connectors must be used for linear profiles along with the corner, depending on whether you want to power just one of the profiles connected to the corner or both profiles.

• Can I cut a profile?

Yes, profiles can be cut to the desired size, except for the Suspension and Up & Down versions. Always cut respecting the space reserved for inserting the power cable. The electrical continuity is done with the intermediate connector. If you need a new power cable after cutting, you must drill the power cable's pass-through hole in the area free of graphite tracks reserved for that purpose and use a feed connector, you should never drill through the graphite tracks.



• Quelle est la distance maximale permise entre le driver et le profilé ?

Avec les alimentations recommandées, la distance maximale autorisée est de :

- Câble de Ø 1,5mm : 3 m
- Câble de Ø 2,5mm : 5 m

• What is the maximum distance allowed between the driver and the profile?

With the recommended power sources, the maximum distance permitted is:

- Ø1.5 mm cable: 3 m
- Ø2.5 mm cable: 5 m

• Quelle est la longueur maximale que l'on peut alimenter avec une alimentation ?

La longueur maximale d'un profil qui peut s'alimenter avec une source d'alimentation est de 20 mètres ou la distance résultant après 20 interconnexions, coupures incluses.

• What is the maximum length that can be fed with one power supply?

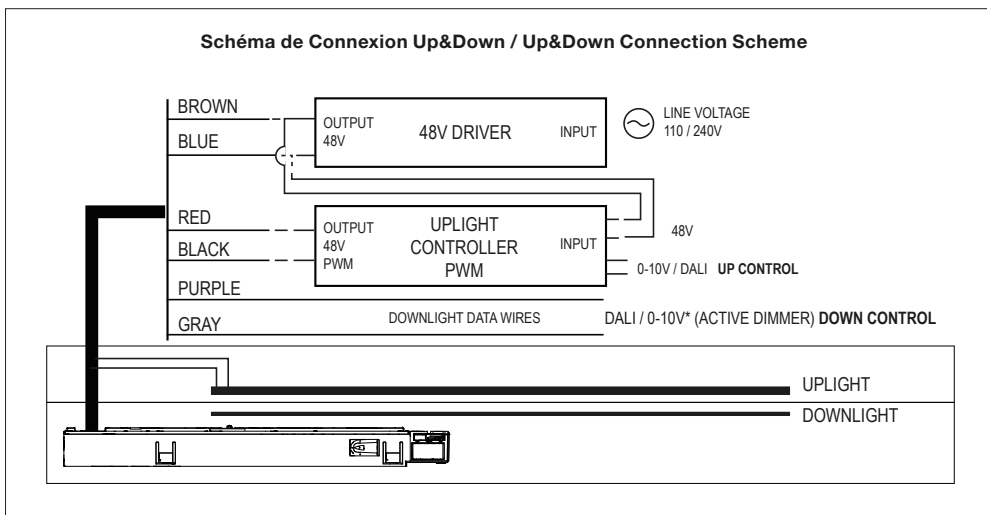
The maximum length of a profile that can be fed with a power supply is 20 meters or the resulting distance after 20 interconnections including cuts.

• Puis-je utiliser une alimentation différente – moins puissante ?

Toutes les informations publiées sur notre site internet, dans notre catalogue et dans la notice de montage sont conformes aux tests réalisés avec les alimentations recommandées pour nos produits. Il convient d'utiliser une alimentation de 48V avec une puissance maximale de 320W.

• Can I use a different, less powerful power supply?

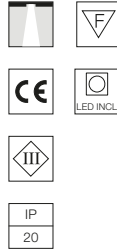
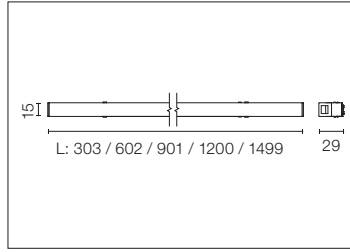
All the information published on our website, catalogue and installation instructions meet the tests executed with the power sources recommended for our products. It must be a 48V power source with a maximum power of 320W.



THE TRACKING MAGNET – LIGHT MODULES

Light Stripe

Light Source: Top LED 20W/m - 1859 lm/m - 2700K/CRI 90 / 20W/m - 1967 lm/m - 3000K/CRI 90

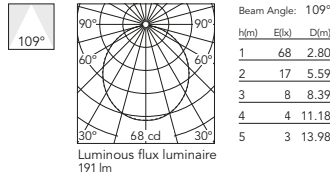


Module d'éclairage LED à lumière diffuse pour installation sur le système The Tracking Magnet. Couvercles opales non inclus, à commander séparément (08.0125.00).

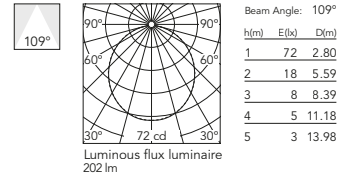
Diffused LED light module to be installed in The Tracking Magnet System. Opal end covers not included. They must be ordered separately (08.0125.00).

L (mm)	Power (W)	LED Light source flux (lm)	
		2700K	3000K
300	6	558	590
600	12	1115	1180
900	18	1673	1770
1200	24	2230	2360
1500	30	2788	2950

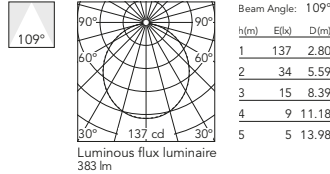
2700K
L: 300 mm
On board dimmer
■ 03.8000.14
*Dali Version
■ 03.8000.14.DA
*1-10V
■ 03.8000.14.1V



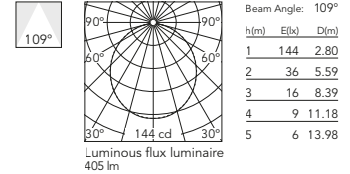
3000K
L: 300 mm
On board dimmer
■ 03.8005.14
*Dali Version
■ 03.8005.14.DA
*1-10V
■ 03.8005.14.1V



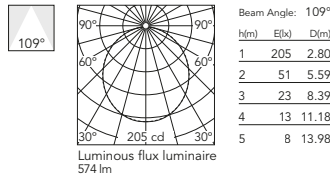
2700K
L: 600 mm
On board dimmer
■ 03.8001.14
*Dali Version
■ 03.8001.14.DA
*1-10V
■ 03.8001.14.1V



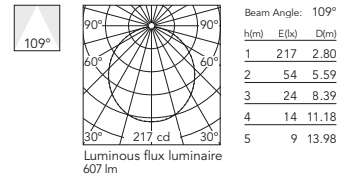
3000K
L: 600 mm
On board dimmer
■ 03.8006.14
*Dali Version
■ 03.8006.14.DA
*1-10V
■ 03.8006.14.1V



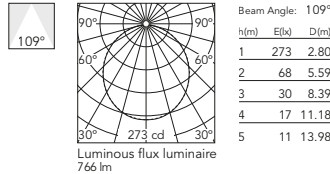
2700K
L: 900 mm
On board dimmer
■ 03.8002.14
*Dali Version
■ 03.8002.14.DA
*1-10V
■ 03.8002.14.1V



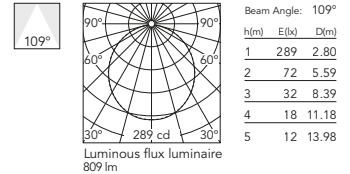
3000K
L: 900 mm
On board dimmer
■ 03.8007.14
*Dali Version
■ 03.8007.14.DA
*1-10V
■ 03.8007.14.1V



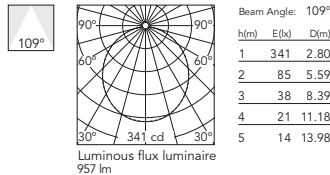
2700K
L: 1200 mm
On board dimmer
■ 03.8003.14
*Dali Version
■ 03.8003.14.DA
*1-10V
■ 03.8003.14.1V



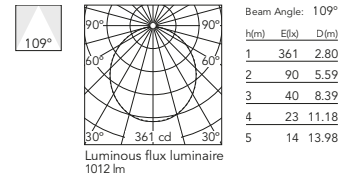
3000K
L: 1200 mm
On board dimmer
■ 03.8008.14
*Dali Version
■ 03.8008.14.DA
*1-10V
■ 03.8008.14.1V



2700K
L: 1500 mm
On board dimmer
■ 03.8004.14
*Dali Version
■ 03.8004.14.DA
*1-10V
■ 03.8004.14.1V



3000K
L: 1500 mm
On board dimmer
■ 03.8009.14
*Dali Version
■ 03.8009.14.DA
*1-10V
■ 03.8009.14.1V

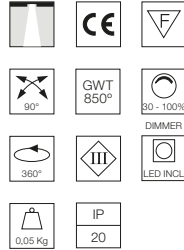
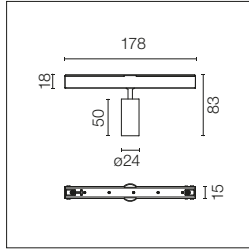


* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile.
Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

THE TRACKING MAGNET – LIGHT MODULES

Spot 50

Light Source: Power LED 3,5W - 286 lm - 2700K/CRI 90 / 3,5W - 307 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système The Tracking Magnet.

Accent lighting LED module to be installed in The Tracking Magnet System.

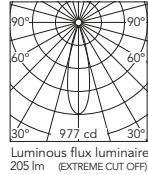
Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

2700K

On board dimmer

- 03.8032.40
- 03.8032.05
- 03.8032.14
- *Dali Version
- 03.8032.40.DA
- 03.8032.05.DA
- 03.8032.14.DA
- *1-10V
- 03.8032.40.1V
- 03.8032.05.1V
- 03.8032.14.1V



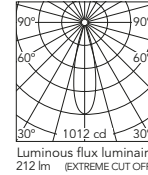
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	977	0.47
2	244	0.94
3	109	1.41
4	61	1.88
5	39	2.35

3000K

On board dimmer

- 03.8033.40
- 03.8033.05
- 03.8033.14
- *Dali Version
- 03.8033.40.DA
- 03.8033.05.DA
- 03.8033.14.DA
- *1-10V
- 03.8033.40.1V
- 03.8033.05.1V
- 03.8033.14.1V

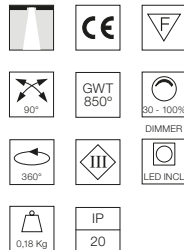
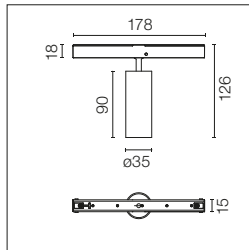


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1012	0.47
2	253	0.94
3	112	1.41
4	63	1.88
5	40	2.35

Spot 90

Light Source: Power LED 8,5W - 610 lm - 2700K/CRI 90 / 8,5W - 656 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système The Tracking Magnet.

Accent lighting LED module to be installed in The Tracking Magnet System.

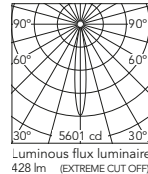
Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

2700K

On board dimmer

- 03.8042.40
- 03.8042.05
- 03.8042.14
- *Dali Version
- 03.8042.40.DA
- 03.8042.05.DA
- 03.8042.14.DA
- *1-10V
- 03.8042.40.1V
- 03.8042.05.1V
- 03.8042.14.1V



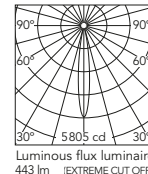
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5601	0.25
2	1400	0.49
3	622	0.74
4	350	0.98
5	224	1.23

3000K

On board dimmer

- 03.8043.40
- 03.8043.05
- 03.8043.14
- *Dali Version
- 03.8043.40.DA
- 03.8043.05.DA
- 03.8043.14.DA
- *1-10V
- 03.8043.40.1V
- 03.8043.05.1V
- 03.8043.14.1V



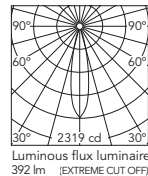
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5805	0.25
2	1451	0.49
3	645	0.74
4	363	0.98
5	232	1.23

2700K

On board dimmer

- 03.8044.40
- 03.8044.05
- 03.8044.14
- *Dali Version
- 03.8044.40.DA
- 03.8044.05.DA
- 03.8044.14.DA
- *1-10V
- 03.8044.40.1V
- 03.8044.05.1V
- 03.8044.14.1V



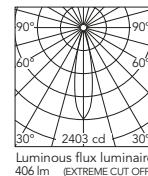
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2319	0.38
2	580	0.77
3	258	1.15
4	145	1.54
5	93	1.92

3000K

On board dimmer

- 03.8045.40
- 03.8045.05
- 03.8045.14
- *Dali Version
- 03.8045.40.DA
- 03.8045.05.DA
- 03.8045.14.DA
- *1-10V
- 03.8045.40.1V
- 03.8045.05.1V
- 03.8045.14.1V



Beam Angle: 22°

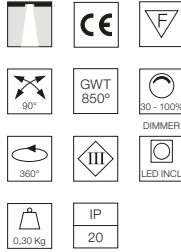
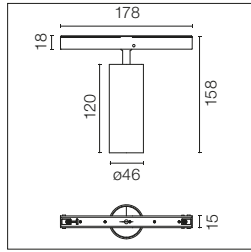
h(m)	E(lx)	D(m)
1	2403	0.38
2	601	0.77
3	267	1.15
4	150	1.54
5	96	1.92

* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile.
Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

THE TRACKING MAGNET – LIGHT MODULES

Spot 120

Light Source: Power LED 12W - 724 lm - 2700K/CRI 90 / 12W - 779 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système The Tracking Magnet.

Accent lighting LED module to be installed in The Tracking Magnet System.

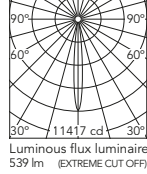
Accessoires compris (honeycomb et croix anti-éblouissement)

Accessories included (honeycomb and screening crosspiece).

2700K

On board dimmer

- 03.8052.40
- 03.8052.05
- 03.8052.14
- *Dali Version
- 03.8052.40.DA
- 03.8052.05.DA
- 03.8052.14.DA
- *1-10V
- 03.8052.40.1V
- 03.8052.05.1V
- 03.8052.14.1V

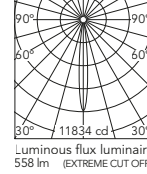


Beam Angle: 11°

3000K

On board dimmer

- 03.8053.40
- 03.8053.05
- 03.8053.14
- *Dali Version
- 03.8053.40.DA
- 03.8053.05.DA
- 03.8053.14.DA
- *1-10V
- 03.8053.40.1V
- 03.8053.05.1V
- 03.8053.14.1V

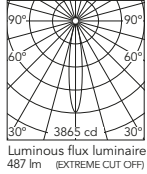


Beam Angle: 11°

2700K

On board dimmer

- 03.8054.40
- 03.8054.05
- 03.8054.14
- *Dali Version
- 03.8054.40.DA
- 03.8054.05.DA
- 03.8054.14.DA
- *1-10V
- 03.8054.40.1V
- 03.8054.05.1V
- 03.8054.14.1V

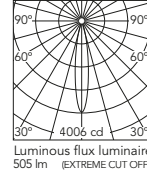


Beam Angle: 17°

3000K

On board dimmer

- 03.8055.40
- 03.8055.05
- 03.8055.14
- *Dali Version
- 03.8055.40.DA
- 03.8055.05.DA
- 03.8055.14.DA
- *1-10V
- 03.8055.40.1V
- 03.8055.05.1V
- 03.8055.14.1V



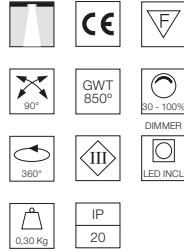
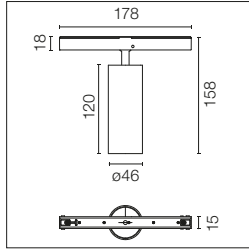
Beam Angle: 17°

* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile.
Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

THE TRACKING MAGNET – LIGHT MODULES

Spot 120

Light Source: LED Array 12,5W - 1075 lm - 2700K/CRI 90 / 12,5W - 1138 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système The Tracking Magnet.

Accent lighting LED module to be installed in The Tracking Magnet System.

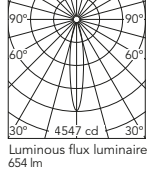
Accessoires compris (honeycomb et croix anti-éblouissement)

Accessories included (honeycomb and screening crosspiece).

2700K

On board dimmer

- 03.8154.40
- 03.8154.05
- 03.8154.14
- *Dali Version
- 03.8154.40.DA
- 03.8154.05.DA
- 03.8154.14.DA
- *1-10V
- 03.8154.40.1V
- 03.8154.05.1V
- 03.8154.14.1V



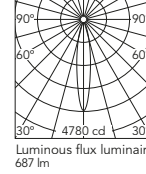
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	4547	0.31
2	1137	0.61
3	505	0.92
4	284	1.23
5	182	1.53

3000K

On board dimmer

- 03.8155.40
- 03.8155.05
- 03.8155.14
- *Dali Version
- 03.8155.40.DA
- 03.8155.05.DA
- 03.8155.14.DA
- *1-10V
- 03.8155.40.1V
- 03.8155.05.1V
- 03.8155.14.1V



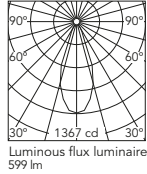
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	4780	0.31
2	1195	0.61
3	531	0.92
4	299	1.23
5	191	1.53

2700K

On board dimmer

- 03.8156.40
- 03.8156.05
- 03.8156.14
- *Dali Version
- 03.8156.40.DA
- 03.8156.05.DA
- 03.8156.14.DA
- *1-10V
- 03.8156.40.1V
- 03.8156.05.1V
- 03.8156.14.1V



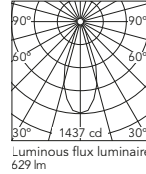
Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1367	0.73
2	342	1.45
3	152	2.18
4	85	2.91
5	55	3.64

3000K

On board dimmer

- 03.8157.40
- 03.8157.05
- 03.8157.14
- *Dali Version
- 03.8157.40.DA
- 03.8157.05.DA
- 03.8157.14.DA
- *1-10V
- 03.8157.40.1V
- 03.8157.05.1V
- 03.8157.14.1V



Beam Angle: 40°

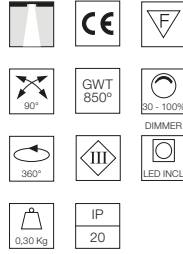
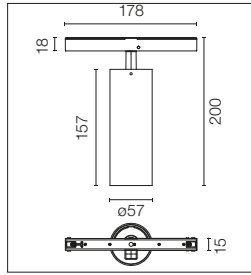
h(m)	E(lx)	D(m)
1	1437	0.73
2	359	1.45
3	160	2.18
4	90	2.91
5	57	3.64

* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile.
Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

THE TRACKING MAGNET – LIGHT MODULES

Spot 150

Light Source: LED Array 22,5W - 2000 lm - 2700K/CRI 90 / 22,5W - 2115 lm - 3000K/CRI 90



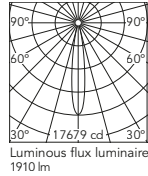
Module d'éclairage LED d'accent à installer sur le système The Tracking Magnet.

Accent lighting LED module to be installed in The Tracking Magnet System.

2700K

On board dimmer

- 03.8072.40
- 03.8072.05
- 03.8072.14
- *Dali Version
- 03.8072.40.DA
- 03.8072.05.DA
- 03.8072.14.DA
- *1-10V
- 03.8072.40.1V
- 03.8072.05.1V
- 03.8072.14.1V



Beam Angle: 16°

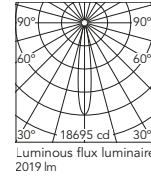
h(m)	E(lx)	D(m)
1	17679	0.28
2	4420	0.56
3	1964	0.84
4	1105	1.12
5	707	1.40

Luminous flux luminaire 1910 lm

3000K

On board dimmer

- 03.8073.40
- 03.8073.05
- 03.8073.14
- *Dali Version
- 03.8073.40.DA
- 03.8073.05.DA
- 03.8073.14.DA
- *1-10V
- 03.8073.40.1V
- 03.8073.05.1V
- 03.8073.14.1V



Beam Angle: 16°

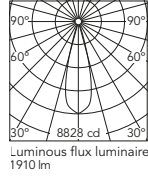
h(m)	E(lx)	D(m)
1	18695	0.28
2	4674	0.56
3	2077	0.84
4	1168	1.12
5	748	1.40

Luminous flux luminaire 2019 lm

2700K

On board dimmer

- 03.8074.40
- 03.8074.05
- 03.8074.14
- *Dali Version
- 03.8074.40.DA
- 03.8074.05.DA
- 03.8074.14.DA
- *1-10V
- 03.8074.40.1V
- 03.8074.05.1V
- 03.8074.14.1V



Beam Angle: 28°

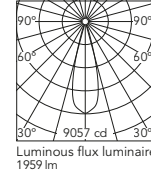
h(m)	E(lx)	D(m)
1	8828	0.50
2	2207	1.00
3	981	1.50
4	552	2.00
5	353	2.50

Luminous flux luminaire 1910 lm

3000K

On board dimmer

- 03.8075.40
- 03.8075.05
- 03.8075.14
- *Dali Version
- 03.8075.40.DA
- 03.8075.05.DA
- 03.8075.14.DA
- *1-10V
- 03.8075.40.1V
- 03.8075.05.1V
- 03.8075.14.1V



Beam Angle: 28°

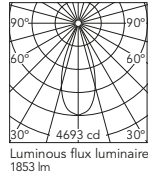
h(m)	E(lx)	D(m)
1	9057	0.50
2	2264	1.00
3	1006	1.50
4	566	2.00
5	362	2.50

Luminous flux luminaire 1959 lm

2700K

On board dimmer

- 03.8076.40
- 03.8076.05
- 03.8076.14
- *Dali Version
- 03.8076.40.DA
- 03.8076.05.DA
- 03.8076.14.DA
- *1-10V
- 03.8076.40.1V
- 03.8076.05.1V
- 03.8076.14.1V



Beam Angle: 40°

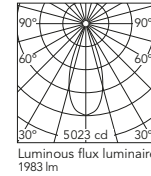
h(m)	E(lx)	D(m)
1	4693	0.73
2	1173	1.46
3	521	2.18
4	293	2.91
5	188	3.64

Luminous flux luminaire 1853 lm

3000K

On board dimmer

- 03.8077.40
- 03.8077.05
- 03.8077.14
- *Dali Version
- 03.8077.40.DA
- 03.8077.05.DA
- 03.8077.14.DA
- *1-10V
- 03.8077.40.1V
- 03.8077.05.1V
- 03.8077.14.1V








Beam Angle: 40°

h(m)	E(lx)	D(m)
1	5023	0.73
2	1256	1.46
3	558	2.18
4	314	2.91
5	201	3.64

Luminous flux luminaire 1983 lm

Accessoires / Accessories

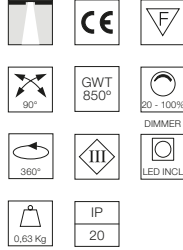
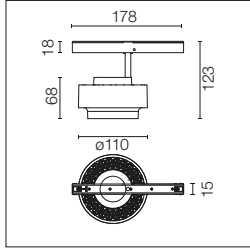
Spot 150

Croix anti-éblouissement.	Screening crosspiece.		08.8429.00
Lentille elliptique.	Elliptical lens.		08.8431.00
Lentille flood.	Flood lens.		08.8432.00
Honeycomb.	Honeycomb.		08.8428.00
Cône anti-éblouissement.	Snoot shielding cone.		08.0526.00

THE TRACKING MAGNET – LIGHT MODULES

Anthony Spot Track By Antonio Citterio

Light Source: LED Array 16,5W - 1620 lm - 2700K/CRI 90 / 16,5W - 1730 lm - 3000K/CRI 90



Module d'éclairage LED d'accent à installer sur le système The Tracking Magnet.

Accent lighting LED module to be installed in The Tracking Magnet System.

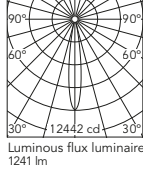
Voir les accessoires proposés.

See available accessories.

2700K

On board dimmer

- 03.8025.40
- 03.8025.05
- 03.8025.14
- *Dali Version
- 03.8025.40.DA
- 03.8025.05.DA
- 03.8025.14.DA
- *1-10V
- 03.8025.40.1V
- 03.8025.05.1V
- 03.8025.14.1V



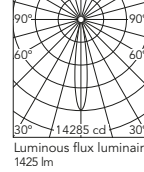
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	12442	0.27
2	3110	0.54
3	1382	0.81
4	778	1.07
5	498	1.34

3000K

On board dimmer

- 03.8027.40
- 03.8027.05
- 03.8027.14
- *Dali Version
- 03.8027.40.DA
- 03.8027.05.DA
- 03.8027.14.DA
- *1-10V
- 03.8027.40.1V
- 03.8027.05.1V
- 03.8027.14.1V



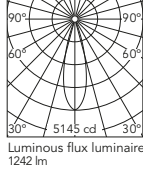
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	14285	0.27
2	3571	0.54
3	1587	0.81
4	893	1.07
5	571	1.34

2700K

On board dimmer

- 03.8026.40
- 03.8026.05
- 03.8026.14
- *Dali Version
- 03.8026.40.DA
- 03.8026.05.DA
- 03.8026.14.DA
- *1-10V
- 03.8026.40.1V
- 03.8026.05.1V
- 03.8026.14.1V



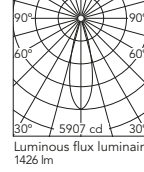
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	5145	0.49
2	1286	0.98
3	572	1.47
4	322	1.97
5	206	2.46

3000K

On board dimmer

- 03.8028.40
- 03.8028.05
- 03.8028.14
- *Dali Version
- 03.8028.40.DA
- 03.8028.05.DA
- 03.8028.14.DA
- *1-10V
- 03.8028.40.1V
- 03.8028.05.1V
- 03.8028.14.1V



Beam Angle: 28°


h(m)	E(lx)	D(m)
1	5907	0.49
2	1477	0.98
3	656	1.47
4	369	1.97
5	236	2.46

Accessoires / Accessories

Anthony Spot

Lentille elliptique. Elliptical lens.  08.8418.68A

Honeycomb. Honeycomb.  08.8419.14A

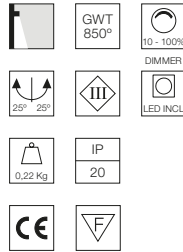
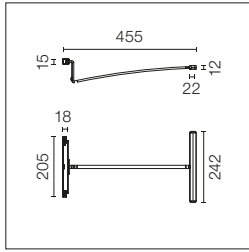
Lentille flood. Flood lens.  08.0050.00
 Pour atteindre le flood (35°) commander Anthony Spot Medium + lentille flood.
 To obtain flood optics (35°) order Anthony Spot Medium + flood lens.

* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile.
 Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

THE TRACKING MAGNET – LIGHT MODULES

Wallee Designed By Niels Bendtsen

Light Source: Top LED 10W - 773 lm - 2700K/CRI 90 / 10W - 818 lm - 3000K/CRI 90



Module d'éclairage LED à installer sur le système The Tracking Magnet.

Lighting LED module to be installed in The Tracking Magnet System.

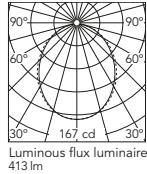
Lors de l'installation du modèle Wallee, un ajustement manuel peut être nécessaire de la part du client ou de l'installateur. Vous trouverez dans les instructions comment procéder à cet ajustement. Uniquement pour des installations avec Tracking Magnet Recessed et à l'horizontale.

When installing Wallee, it may require a manual adjustment by the client/installer. Find information on how to carry out this adjustment in the instruction sheets. Only allowed with Tracking Magnet Recessed and horizontal installation.

2700K

On board dimmer

- 03.8090.40
- 03.8090.14
- *Dali Version
- 03.8090.40.DA
- 03.8090.14.DA
- *1-10V
- 03.8090.40.1V
- 03.8090.14.1V



Beam Angle: 100°

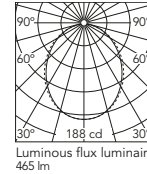
	h(m)	Et(x)	D(m)
1	167	2.21	
2	42	4.43	
3	19	6.64	
4	10	8.85	
5	7	11.07	

Luminous flux luminaire 413 lm

3000K

On board dimmer

- 03.8091.40
- 03.8091.14
- *Dali Version
- 03.8091.40.DA
- 03.8091.14.DA
- *1-10V
- 03.8091.40.1V
- 03.8091.14.1V



Beam Angle: 100°

	h(m)	Et(x)	D(m)
1	188	2.21	
2	47	4.43	
3	21	6.64	
4	12	8.85	
5	8	11.07	

Luminous flux luminaire 465 lm

Appareillages / Drivers

Source d'alimentation LED pour installation à distance, 48V/320W. 100/240 Vac.

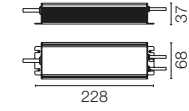
LED power supply source for remote installation, 48V/320W. 100/240 Vac.



**60.8919

Source d'alimentation LED pour installation à distance, 48V/185W. 100/240 Vac.

LED power supply source for remote installation, 48V/185W. 100/240 Vac.



**60.9024

** Pour calculer la dimension de l'installation, garder une marge de sécurité de 15% de la puissance maximale de l'alimentation LED. / For the sizing of the installation keep a safety margin of 15% of the maximum power of the LED power source.

Boîtier de contrôle dimmable 1-10V 48V. Nécessaire pour transformer les systèmes de contrôle 1-10V passifs (sink) en actifs (source).

Dimmable control box 1-10V 48V. Necessary to transform sink 1-10V control systems into source ones.



08.0613.14

The Tracking Magnet Suspension Up&Down version

Uplight dimmer DALI 48V PWM pour contrôler l'éclairage indirect (UP).

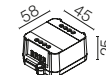
DALI 48V PWM Uplight dimmer for controlling indirect lighting (UP).



60.9391

Uplight dimmer 1-10V 48V PWM pour contrôler l'éclairage indirect (UP).

1-10V 48V PWM Uplight dimmer for controlling indirect lighting (UP).



60.9395

* Compatible seulement avec DALI, 1-10V, FLOS Smart Control® version du profile. Only compatible with DALI, 1-10V, FLOS Smart Control® profile version.

THE TRACKING MAGNET

FLOS Smart Control® Bluetooth Gateway DALI

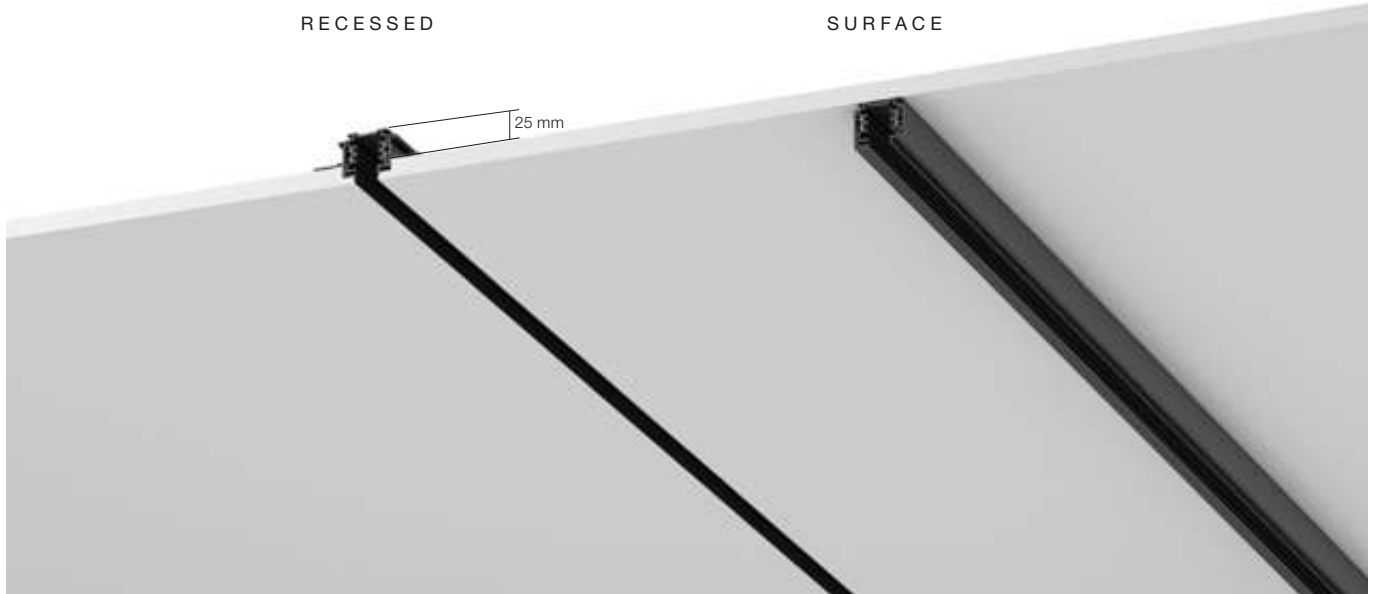
Passerelle FLOS Smart Control® bluetooth DALI. Nécessaire pour contrôler le système avec une application. Utiliser une unité pour chaque ligne de profilés et tous les 64 appareils. A utiliser avec des appareils DALI.

DALI Bluetooth FLOS Smart Control® Gateway. Necessary to control the system via APP. Use one unit for every line of profiles and for every 64 luminaires. Use with DALI version luminaires.



08.0610.40
08.0610.14

THE TRACKING POWER
DESIGNED BY FLOS ARCHITECTURAL



Recessed Profiles 14 Noir
 14 Black

Surface Profiles 40 Blanc
 40 White 14 Noir
 14 Black

LIGHT MODULES

UT PRO
150



LIGHT SOURCE
LED ARRAY
23,5W
2300 lm
3000K/CRI 80
1950 lm
3000K/CRI 90
2009 lm
4000K/CRI 90

UT PRO
175



LIGHT SOURCE
LED ARRAY
35,3W
4145 lm
3000K/CRI 80
3425 lm
3000K/CRI 90
3569 lm
4000K/CRI 90

UT PRO
175 LENS



LIGHT SOURCE
LED ARRAY
35,3W
3950 lm
3000K/CRI 80
3250 lm
3000K/CRI 90
3400 lm
4000K/CRI 90

UT PRO
WALL-WASHER



LIGHT SOURCE
TOP LED
25,5W
2700 lm
3000K/CRI 90
2900 lm
4000K/CRI 90

UT PRO
150 GA-69



LIGHT SOURCE
LED ARRAY
23,5W
2300 lm
3000K/CRI 80
1950 lm
3000K/CRI 90
2009 lm
4000K/CRI 90

UT PRO
175 GA-69



LIGHT SOURCE
LED ARRAY
35,3W
4145 lm
3000K/CRI 80
3425 lm
3000K/CRI 90
3569 lm
4000K/CRI 90

UT PRO
175 LENS
GA-69



LIGHT SOURCE
LED ARRAY
35,3W
3950 lm
3000K/CRI 80
3250 lm
3000K/CRI 90
3400 lm
4000K/CRI 90

UT PRO
WALL-WASHER
GA-69



LIGHT SOURCE
TOP LED
25,5W
2700 lm
3000K/CRI 90
2900 lm
4000K/CRI 90

Description

Profil exclusif d'éclairage triphasé pour intérieur, en version encastré au plafond. Grâce à son faible impact visuel, il offre une intégration totale dans l'architecture.

Les profilés structuraux du Tracking Power sont fabriqués en aluminium noir extrudé. Ils possèdent des pistes électriques sur lesquelles sont installés les luminaires à l'aide du système exclusif de fixation Flos.

Après l'installation du rail, seule une fine ligne de 15 mm d'épaisseur est visible.

La famille Tracking Power se compose d'une large gamme de projecteurs qui, associés à un système électronique exclusif intégré dans le corps de l'appareil, éliminent les volumes inutiles et permettent d'obtenir une meilleure intégration.

Des solutions pour des profilés triphasés standard sont disponibles. Il ne permet pas le réglage à distance.

Système Optique

Les modules d'éclairage UT Pro 150 et UT Pro 175 sont disponibles avec des optiques spot, medium et flood, ainsi qu'avec un réflecteur en verre borosilicate de haute performance incorporé.

Le module d'éclairage UT Pro 175 Lens dispose d'une lentille réglable permettant de calibrer l'angle d'ouverture de 13° à 56°.

Le module d'éclairage UT Pro Wall-Washer procure une distribution homogène de la lumière dans un lèche-mur de haute performance.

Accessoires

Croix anti-éblouissement, lentille elliptique, lentille flood et honeycomb disponibles pour les modules d'éclairage d'accentuation UT Pro 150 et UT Pro 175.

Informations Complémentaires

Tous les luminaires comportent un adaptateur de dimensions réduites. Une fois installé, il s'intègre complètement dans le profilé, spécialement conçu pour être utilisé sur le profilé FLOS The Tracking Power. Luminaires avec adaptateur standard Nordic GA69 disponibles pour une installation sur les rails triphasés standard de FLOS. La compatibilité avec les rails triphasés fabriqués par Nordic, Eutrac, Erco, Zumtobel et iGuzzini est garantie.

De plus, tous les luminaires sont disponibles dans la version surface pour une installation au ras du plafond.

- UT Pro 150, UT Pro 175, UT Pro 175 Lens :

Possibilité de rotation à 360° sur un axe vertical et à 90° sur un axe horizontal. Le mécanisme de verrouillage pour l'axe horizontal est incorporé.

Indice de protection IP20.

- UT Pro Wall-Washer :

Possibilité de rotation à 360° sur un axe vertical et à 15° sur un axe horizontal.

Version Dali avec adaptateur GA-600 disponible.

Indice de protection IP20.

- Profilé :

À installer uniquement sur des surfaces en carton-plâtre de 12,5 mm d'épaisseur.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Exclusive 3-phase lighting profile for indoor use in ceiling recessed version which, thanks to its low visual impact, offers a complete integration into the architecture.

Tracking Power's structural profiles are manufactured in black extruded aluminium, fitted with electric tracks where luminaires are installed using the exclusive Flos mounting system.

Once the track has been installed, only a 15 mm thick line is noticeable.

The Tracking Power family is completed with a wide range of projectors which, combined with exclusive electronics integrated into the body of the luminaire, eliminate unnecessary volume and, as a result, have greater integration.

Standard 3-phase tracks solutions available, cannot be remotely dimmed.

Optic System

Light modules UT Pro 150 and UT Pro 175 are available with spot, medium and flood optics and a built-in high-efficiency borosilicate glass reflector.

The light module UT Pro 175 Lens incorporates an adjustable lens which allows regulating the opening angle from 13° to 56°.

The light module UT Pro Wall-Washer brings a uniform light distribution in a high-performance wall-washer.

Accessories

Shielding cylinder, elliptical lens, flood and honeycomb lens for accent lighting modules UT Pro 150 and UT Pro 175 available.

Additional Information

All luminaires have incorporated a small adapter that, once installed, is completely integrated within the profile, especially designed for FLOS profile The Tracking Power. Luminaires with standard adapter Nordic GA69 for installation in FLOS standard 3-phase tracks available. Guaranteed compatibility with 3-phase tracks manufactured by Nordic, Eutrac, Erco, Zumtobel and iGuzzini.

Moreover, all the luminaires are available in surface version allowing to be fitted flush to the ceiling.

- UT Pro 150, UT Pro 175 and UT Pro 175 Lens:

Possibility of 360° rotation in the vertical axis and 90° rotation in the horizontal axis. Blocking mechanism for horizontal axis integrated.

IP20 protection grade.

- UT Pro Wall-Washer:

Possibility of 360° rotation in vertical axis and 15° rotation in horizontal axis.

Dali version available with GA-600 adaptor.

IP20 protection grade.

- Profile:

Can only be installed in 12.5mm thick plaster-board.

Suitable for installation on normally inflammable surfaces.

Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

THE TRACKING POWER RECESSED – PROFILES

Profiles

Profils triphasés à faible impact dans l'architecture (15 mm), à encastrer dans des plafonds en placo-plâtre.

Profils linéaires disponibles en quatre longueurs : 1 m, 2 m, 3 m et 4 m.

Angles de 90° sur le même plan (différents éléments pour angle gauche et droit).

Un connecteur intermédiaire linéaire est nécessaire pour raccorder plusieurs profilés.

Connecteurs d'alimentation disponibles pour installation du côté gauche ou droit.

Les embouts de finition sont compris dans les connecteurs d'alimentation. Tracking Power se fixe en vissant les ailes du profilé au placo-plâtre, à l'aide des profilés de fixation en aluminium.

Le kit de fixation au plafond réglable (en option) permet de réaliser l'installation sans avoir besoin des profilés de fixation en aluminium. Il est recommandé lorsque l'installation permet d'installer le profilé Tracking Magnet avant la réalisation du faux-plafond en placo-plâtre.

Profiles

Three-phase profile with minimum impact on the architecture (15 mm) for embedded installations in plasterboard ceilings.

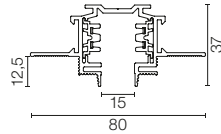
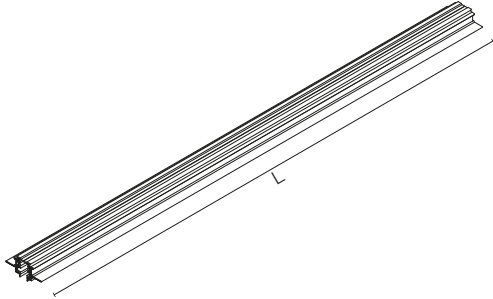
Linear profiles available in four lengths: 1 m, 2 m, 3 m and 4 m.

90° corners on the same plane are also available (different elements for the left and right corners).

A linear intermediate connector is required to connect several profiles. Power supply connectors available for the installation on the left or right-hand side. End caps included in the power supply connectors.

The fastening of the Tracking Power is performed by screwing the sides of the profile to the plasterboard surface, aided by aluminium fastening profiles.

The adjustable ceiling fastening kit (optional) permits the installation without the need for fastening aluminium profiles. Recommended for installations where the Tracking Power profile can be installed before the suspended plasterboard.

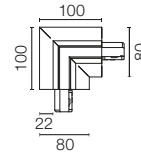


- L: 1000 mm
- 06.1800.14
- L: 2000 mm
- 06.1801.14
- L: 3000 mm
- 06.1802.14
- L: 4000 mm
- 06.1803.14

L: 1 m / 2 m / 3 m / 4 m

Angle 90°.

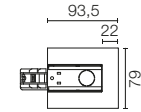
90° Corner.



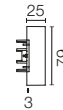
- Right
- 06.1804.14
- Left
- 06.1805.14

Connecteur d'alimentation. Embout de terminaison inclus.

Feed connector. End cap included.



- Right
- 06.1807.14
- Left
- 06.1806.14



Connecteur linéaire intermédiaire.

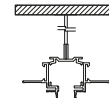
Intermediate linear connector.



- 60.3319.14

Kit de fixation au plafond ajustable (en option). Kit de 2 unités.

Adjustable ceiling kit (optional). 2 unit kit.



- 08.8439.14

Profile (mm)	Quantities Ceiling Kit (units)
1000	2
2000	4
3000	6
4000	8

THE TRACKING POWER SURFACE – PROFILES

Profils

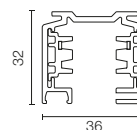
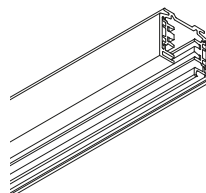
Profils triphasés apparent standard EUTRAC, compatible avec les luminaires du système Tracking Power.



L: 1 m / 2 m / 3 m

Profiles

Three-phase profile for standard EUTRAC surface installations compatible with Tracking Power light fixtures.



- 1000 mm
 - 60.3330.11A
 - 60.3330.14
- 2000 mm
 - 60.3331.11A
 - 60.3331.14
- 3000 mm
 - 60.3336.11A
 - 60.3336.14

Connecteur d'alimentation.

Feed connector.



- Right
 - 60.3317.11A
 - 60.3317.14

- Left
 - 60.3318.11A
 - 60.3318.14

Connecteur linéaire intermédiaire.

Intermediate linear connector.



- 60.3319.11A
- 60.3319.14

Embout de finition.

End cap.



- 60.3333.11A
- 60.3333.14

Angle 90°.

90° Corner.



- Earth Outside
 - 60.3320.11A
 - 60.3320.14

- Earth Inside
 - 60.3321.11A
 - 60.3321.14

Fixation au plafond pour kit de suspension.

Ceiling fixture or fixture for suspension kit.



- 60.3351.11A
- 60.3351.14

Kit de suspension, câble de 1,5m. A commander avec 60.3351.

Suspension kit, 1.5 m cable. Order together with 60.3351.



60.3345

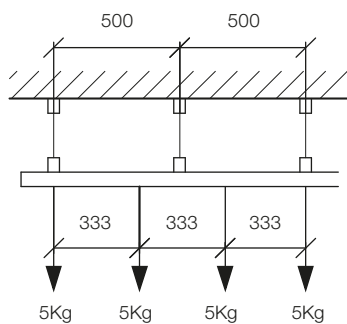
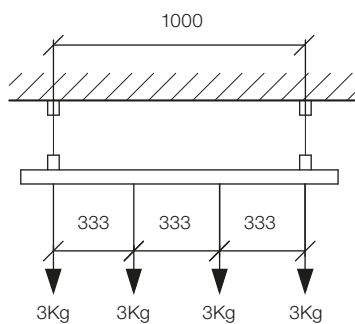
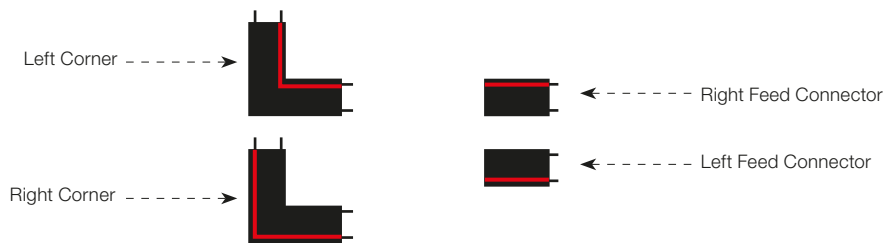
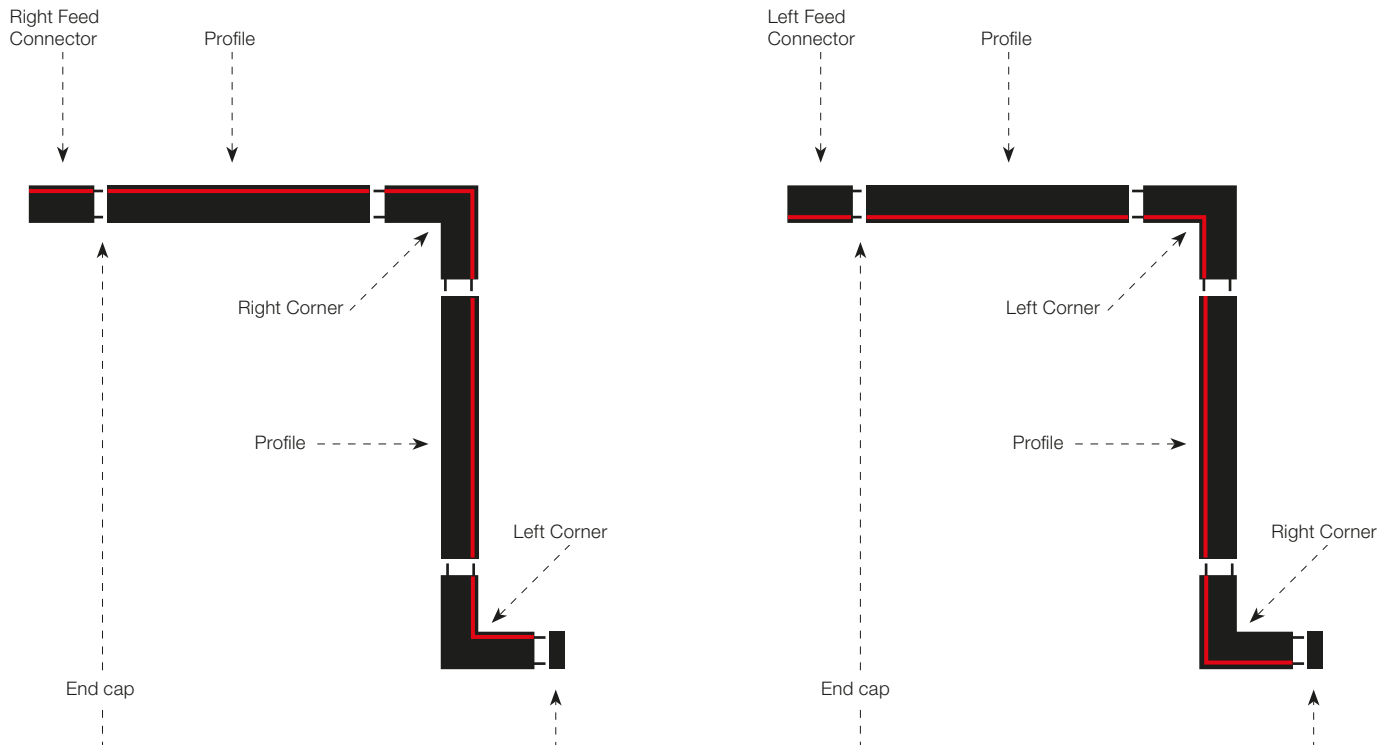
THE TRACKING POWER RECESSED/SURFACE – INSTALLATION

Pour garantir la sécurité électrique de l'installation, le profilé Tracking Power est asymétrique et présente une forme unique.

Le schéma montre la position du rail neutre (ligne rouge) dans les différentes configurations possibles, qui doit être composé conformément aux nécessités de chaque installation, en respectant la continuité électrique.

The Tracking Power profile is asymmetric to ensure the electric safety in the installation, and it provides a unique form in the installation of luminaires.

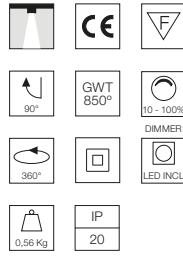
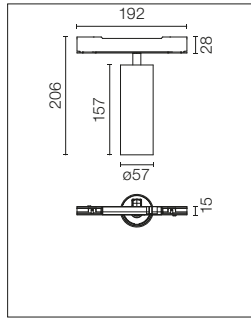
The diagram shows the position of the neutral track (red line) for the different possible configurations, which must be composed according to the requirements for each installation, respecting the electric continuity.



THE TRACKING POWER – LIGHT MODULES

UT Pro 150

Light Source: LED Array 23,5W - 2300 lm - 3000K/CRI 80 / 23,5W - 1950 lm - 3000K/CRI 90 / 23,5W - 2009 lm - 4000K/CRI 90

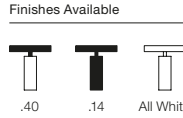


Projecteur à installer sur le profilé Tracking Power à LED. Alimentation 120-277V intégrée. Un réflecteur à haut rendement est inclus.

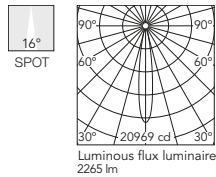
Spotlight to be installed in Tracking Power profile with LED light source. 120-277V power supply integrated. High performance reflector included.

Dans les versions .40, l'adaptateur au rail, le bras et la partie arrière de la tête sont noirs. Dans les versions « all white », l'adaptateur au rail, le bras, la partie arrière de la tête et la tête sont blancs. Seul l'anneau anti-éblouissement reste de couleur noire.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.



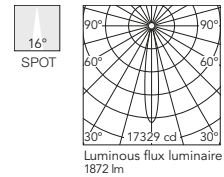
- 3000K - CRI 80**
On board dimmer
- 09.7210.40A
 - 09.7210.14A
 - All White
 - 09.7210.40A78



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	20969	0.28
2	5242	0.56
3	2330	0.84
4	1311	1.12
5	839	1.40

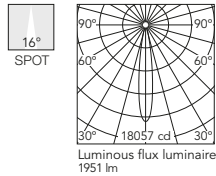
- 3000K - CRI 90**
On board dimmer
- 09.7216.40A
 - 09.7216.14A
 - All White
 - 09.7216.40A78



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	17329	0.28
2	4332	0.56
3	1925	0.84
4	1083	1.12
5	693	1.40

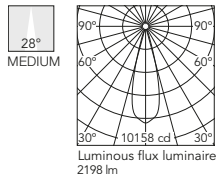
- 4000K - CRI 90**
On board dimmer
- 09.7211.40A
 - 09.7211.14A
 - All White
 - 09.7211.40A78



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	18057	0.28
2	4514	0.56
3	2006	0.84
4	1129	1.12
5	722	1.40

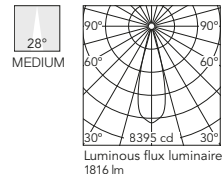
- 3000K - CRI 80**
On board dimmer
- 09.7212.40A
 - 09.7212.14A
 - All White
 - 09.7212.40A78



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	10158	0.50
2	2540	1.00
3	1129	1.50
4	635	2.00
5	406	2.50

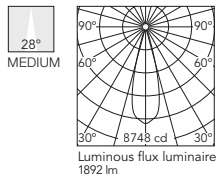
- 3000K - CRI 90**
On board dimmer
- 09.7217.40A
 - 09.7217.14A
 - All White
 - 09.7217.40A78



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	8395	0.50
2	2099	1.00
3	933	1.50
4	525	2.00
5	336	2.50

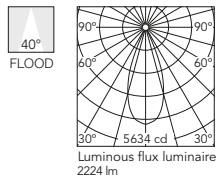
- 4000K - CRI 90**
On board dimmer
- 09.7213.40A
 - 09.7213.14A
 - All White
 - 09.7213.40A78



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	8748	0.50
2	2187	1.00
3	972	1.50
4	547	2.00
5	350	2.50

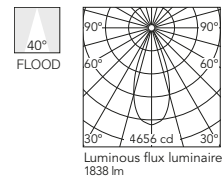
- 3000K - CRI 80**
On board dimmer
- 09.7214.40A
 - 09.7214.14A
 - All White
 - 09.7214.40A78



Beam Angle: 40°

h(m)	E(lx)	D(m)
1	5634	0.73
2	1408	1.46
3	626	2.18
4	352	2.91
5	225	3.64

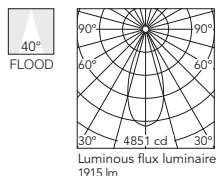
- 3000K - CRI 90**
On board dimmer
- 09.7218.40A
 - 09.7218.14A
 - All White
 - 09.7218.40A78



Beam Angle: 40°

h(m)	E(lx)	D(m)
1	4656	0.73
2	1164	1.46
3	517	2.18
4	291	2.91
5	186	3.64

- 4000K - CRI 90**
On board dimmer
- 09.7215.40A
 - 09.7215.14A
 - All White
 - 09.7215.40A78



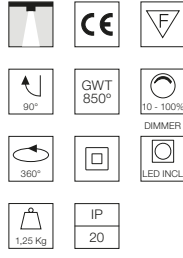
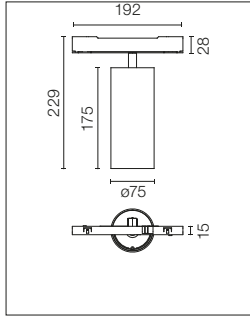
Beam Angle: 40°

h(m)	E(lx)	D(m)
1	4851	0.73
2	1213	1.46
3	539	2.18
4	303	2.91
5	194	3.64

THE TRACKING POWER – LIGHT MODULES

UT Pro 175

Light Source: LED Array 35,3W - 3950 lm - 3000K/CRI 80 / 35,3W - 3250 lm - 3000K/CRI 90 / 35,3W - 3400 lm - 4000K/CRI 90

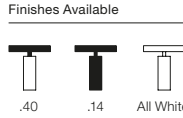


Projecteur à installer sur le profilé Tracking Power à LED. Alimentation 120-277V intégrée. Un réflecteur à haut rendement est inclus.

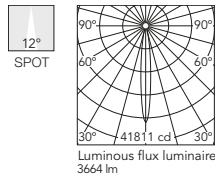
Spotlight to be installed in Tracking Power profile with LED light source. 120-277V power supply integrated. High performance reflector included.

Dans les versions .40, l'adaptateur au rail, le bras et la partie arrière de la tête sont noirs. Dans les versions « all white », l'adaptateur au rail, le bras, la partie arrière de la tête et la tête sont blancs. Seul l'anneau anti-éblouissement reste de couleur noire.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.



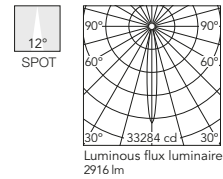
- 3000K - CRI 80**
On board dimmer
- 09.7300.40
 - 09.7300.14
 - All White
 - 09.7300.40.78



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	41811	0.21
2	10453	0.41
3	4646	0.62
4	2613	0.83
5	1672	1.03

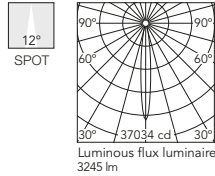
- 3000K - CRI 90**
On board dimmer
- 09.7301.40
 - 09.7301.14
 - All White
 - 09.7301.40.78



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	33284	0.21
2	8321	0.41
3	3698	0.62
4	2080	0.83
5	1331	1.03

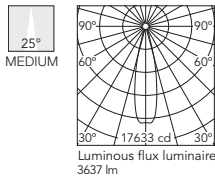
- 4000K - CRI 90**
On board dimmer
- 09.7302.40
 - 09.7302.14
 - All White
 - 09.7302.40.78



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	37034	0.21
2	9258	0.41
3	4115	0.62
4	2315	0.83
5	1481	1.03

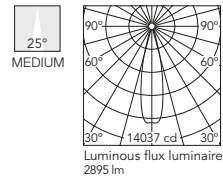
- 3000K - CRI 80**
On board dimmer
- 09.7303.40
 - 09.7303.14
 - All White
 - 09.7303.40.78



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	17633	0.44
2	4408	0.88
3	1959	1.32
4	1102	1.76
5	705	2.20

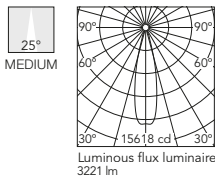
- 3000K - CRI 90**
On board dimmer
- 09.7304.40
 - 09.7304.14
 - All White
 - 09.7304.40.78



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	14037	0.44
2	3509	0.88
3	1560	1.32
4	877	1.76
5	561	2.20

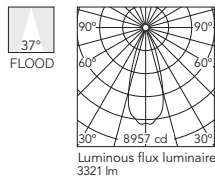
- 4000K - CRI 90**
On board dimmer
- 09.7305.40
 - 09.7305.14
 - All White
 - 09.7305.40.78



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	15618	0.44
2	3904	0.88
3	1735	1.32
4	976	1.76
5	625	2.20

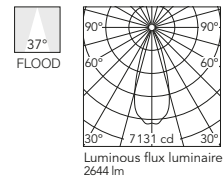
- 3000K - CRI 80**
On board dimmer
- 09.7306.40
 - 09.7306.14
 - All White
 - 09.7306.40.78



Beam Angle: 37°

h(m)	E(lx)	D(m)
1	8957	0.66
2	2239	1.32
3	995	1.98
4	560	2.65
5	358	3.31

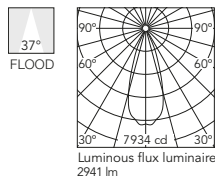
- 3000K - CRI 90**
On board dimmer
- 09.7307.40
 - 09.7307.14
 - All White
 - 09.7307.40.78



Beam Angle: 37°

h(m)	E(lx)	D(m)
1	7131	0.66
2	1783	1.32
3	792	1.98
4	446	2.65
5	285	3.31

- 4000K - CRI 90**
On board dimmer
- 09.7308.40
 - 09.7308.14
 - All White
 - 09.7308.40.78



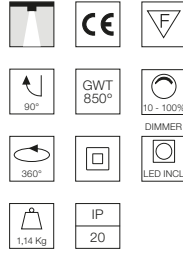
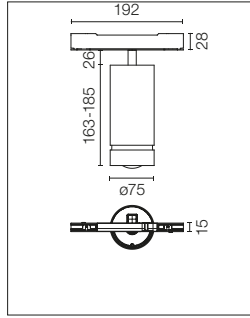
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	7934	0.66
2	1983	1.32
3	882	1.98
4	496	2.65
5	317	3.31

THE TRACKING POWER – LIGHT MODULES

UT Pro 175 Lens

Light Source: LED Array 35,3W - 3950 lm - 3000K/CRI 80 / 35,3W - 3250 lm - 3000K/CRI 90 / 35,3W - 3400 lm - 4000K/CRI 90

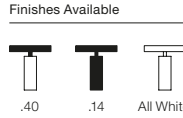


Projecteur à installer sur le profilé Tracking Power à LED. Possède une lentille réglable permettant de calibrer l'angle d'ouverture de 13° à 56°. Alimentation 120-277V intégrée.

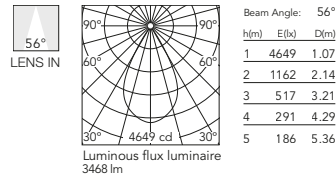
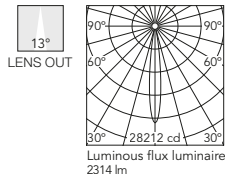
Spotlight to be installed in Tracking Power profile with LED light source. Includes adjustable lens allowing opening angle calibration from 13° to 56°. 120-277V power supply integrated.

Dans les versions .40, l'adaptateur au rail, le bras et la partie arrière de la tête sont noirs. Dans les versions « all white », l'adaptateur au rail, le bras, la partie arrière de la tête et la tête sont blancs. Seul l'anneau anti-éblouissement reste de couleur noire.

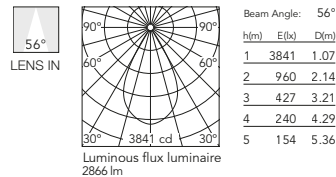
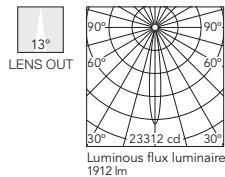
.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.



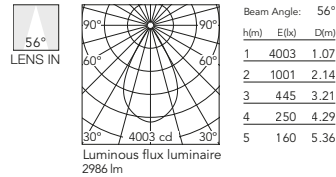
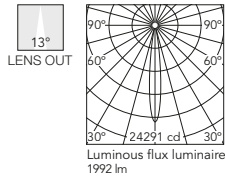
- 3000K - CRI 80**
On board dimmer
- 09.7370.40
 - 09.7370.14
 - All White
 - 09.7370.40.78



- 3000K - CRI 90**
On board dimmer
- 09.7371.40
 - 09.7371.14
 - All White
 - 09.7371.40.78

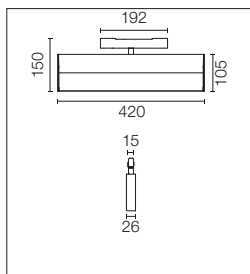


- 4000K - CRI 90**
On board dimmer
- 09.7372.40
 - 09.7372.14
 - All White
 - 09.7372.40.78



UT Pro Wall-Washer

Light Source: Top LED 25,5W - 2700 lm - 3000K/CRI 90 / 25,5W - 2900 lm - 4000K/CRI 90

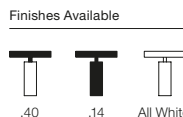


Module d'éclairage Wall-Washer à installer sur un profilé Tracking Power à LED. Alimentation 220-240V intégrée.

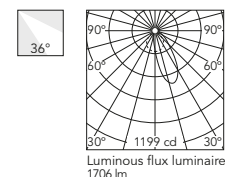
Wall-Washer lighting module to be installed in Tracking Power profile with LED light source. 220-240V power supply integrated.

Dans les versions .40, l'adaptateur au rail, le bras et la partie arrière de la tête sont noirs. Dans les versions « all white », l'adaptateur au rail, le bras, la partie arrière de la tête et la tête sont blancs. Seul l'anneau anti-éblouissement reste de couleur noire.

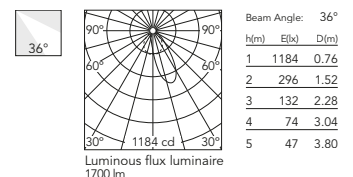
.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.



- 3000K - CRI 90**
Non Dimmable
- 09.7500.40
 - 09.7500.14
 - All White
 - 09.7500.40.78



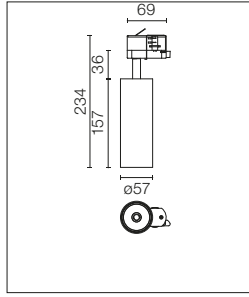
- 4000K - CRI 90**
Non Dimmable
- 09.7501.40
 - 09.7501.14
 - All White
 - 09.7501.40.78



THE TRACKING POWER – LIGHT MODULES

UT Pro 150 GA-69

Light Source: LED Array 23,5W - 2300 lm - 3000K/CRI 80 / 23,5W - 1950 lm - 3000K/CRI 90 / 23,5W - 2009 lm - 4000K/CRI 90



Projecteur à installer sur un rail triphasé standard à LED. Alimentation 120-270V intégrée.

Dans les versions .40, l'adaptateur au rail, le bras et la partie arrière de la tête sont noirs. Dans les versions « all white », l'adaptateur au rail, le bras, la partie arrière de la tête et la tête sont blancs. Seul l'anneau anti-éblouissement reste de couleur noire.

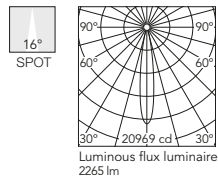
Spotlight to be installed in standard 3-phase track with LED light source. 120-270V power supply integrated.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

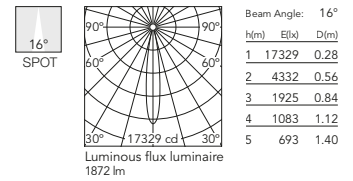
Finishes Available



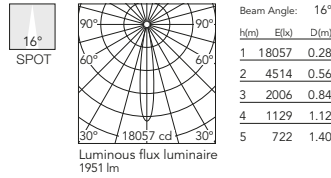
- 3000K - CRI 80**
On board dimmer
- 09.7270.40A
 - 09.7270.14A
 - All White
 - 09.7270.40A78



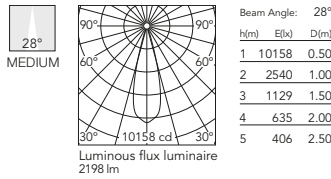
- 3000K - CRI 90**
On board dimmer
- 09.7276.40A
 - 09.7276.14A
 - All White
 - 09.7276.40A78



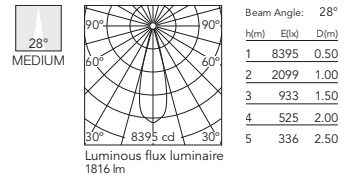
- 4000K - CRI 90**
On board dimmer
- 09.7271.40A
 - 09.7271.14A
 - All White
 - 09.7271.40A78



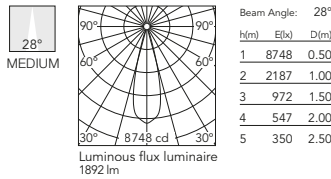
- 3000K - CRI 80**
On board dimmer
- 09.7272.40A
 - 09.7272.14A
 - All White
 - 09.7272.40A78



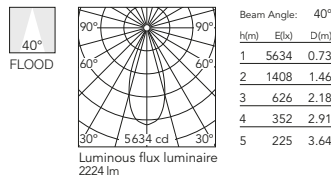
- 3000K - CRI 90**
On board dimmer
- 09.7277.40A
 - 09.7277.14A
 - All White
 - 09.7277.40A78



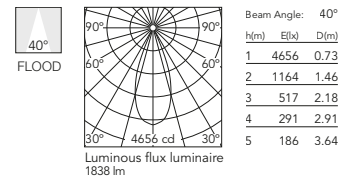
- 4000K - CRI 90**
On board dimmer
- 09.7273.40A
 - 09.7273.14A
 - All White
 - 09.7273.40A78



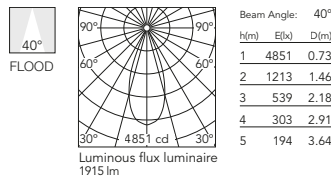
- 3000K - CRI 80**
On board dimmer
- 09.7274.40A
 - 09.7274.14A
 - All White
 - 09.7274.40A78



- 3000K - CRI 90**
On board dimmer
- 09.7278.40A
 - 09.7278.14A
 - All White
 - 09.7278.40A78



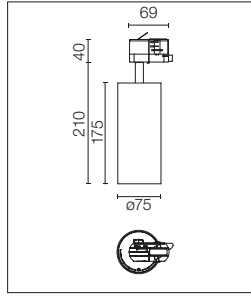
- 4000K - CRI 90**
On board dimmer
- 09.7275.40A
 - 09.7275.14A
 - All White
 - 09.7275.40A78



THE TRACKING POWER – LIGHT MODULES

UT Pro 175 GA-69

Light Source: LED Array 35,3W - 3950 lm - 3000K/CRI 80 / 35,3W - 3250 lm - 3000K/CRI 90 / 35,3W - 3400 lm - 4000K/CRI 90



Finishes Available

Projecteur à installer sur un rail triphasé standard à LED. Alimentation 120-270V intégrée.

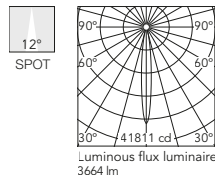
Spotlight to be installed in standard 3-phase track with LED light source. 120-270V power supply integrated.

Dans les versions .40, l'adaptateur au rail, le bras et la partie arrière de la tête sont noirs. Dans les versions « all white », l'adaptateur au rail, le bras, la partie arrière de la tête et la tête sont blancs. Seul l'anneau anti-éblouissement reste de couleur noire.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.



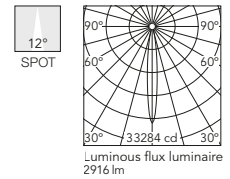
- 3000K - CRI 80**
On board dimmer
- 09.7310.40
 - 09.7310.14
 - All White
 - 09.7310.40.78



Beam Angle: 12°

h(m)	E(k)	D(m)
1	41811	0.21
2	10453	0.41
3	4646	0.62
4	2613	0.83
5	1672	1.03

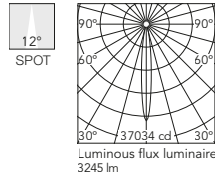
- 3000K - CRI 90**
On board dimmer
- 09.7311.40
 - 09.7311.14
 - All White
 - 09.7311.40.78



Beam Angle: 12°

h(m)	E(k)	D(m)
1	33284	0.21
2	8321	0.41
3	3698	0.62
4	2080	0.83
5	1331	1.03

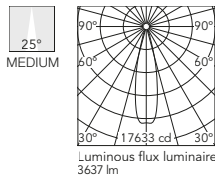
- 4000K - CRI 90**
On board dimmer
- 09.7312.40
 - 09.7312.14
 - All White
 - 09.7312.40.78



Beam Angle: 12°

h(m)	E(k)	D(m)
1	37034	0.21
2	9258	0.41
3	4115	0.62
4	2315	0.83
5	1481	1.03

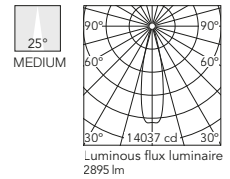
- 3000K - CRI 80**
On board dimmer
- 09.7313.40
 - 09.7313.14
 - All White
 - 09.7313.40.78



Beam Angle: 25°

h(m)	E(k)	D(m)
1	17633	0.44
2	4408	0.88
3	1959	1.32
4	1102	1.76
5	705	2.20

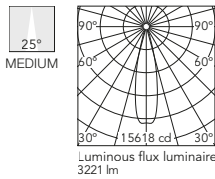
- 3000K - CRI 90**
On board dimmer
- 09.7314.40
 - 09.7314.14
 - All White
 - 09.7314.40.78



Beam Angle: 25°

h(m)	E(k)	D(m)
1	14037	0.44
2	3509	0.88
3	1560	1.32
4	877	1.76
5	561	2.20

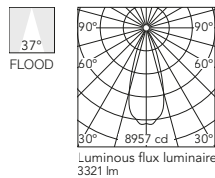
- 4000K - CRI 90**
On board dimmer
- 09.7315.40
 - 09.7315.14
 - All White
 - 09.7315.40.78



Beam Angle: 25°

h(m)	E(k)	D(m)
1	15618	0.44
2	3904	0.88
3	1735	1.32
4	976	1.76
5	625	2.20

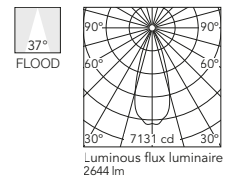
- 3000K - CRI 80**
On board dimmer
- 09.7316.40
 - 09.7316.14
 - All White
 - 09.7316.40.78



Beam Angle: 37°

h(m)	E(k)	D(m)
1	8957	0.66
2	2239	1.32
3	995	1.98
4	560	2.65
5	358	3.31

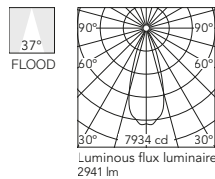
- 3000K - CRI 90**
On board dimmer
- 09.7317.40
 - 09.7317.14
 - All White
 - 09.7317.40.78



Beam Angle: 37°

h(m)	E(k)	D(m)
1	7131	0.66
2	1783	1.32
3	792	1.98
4	446	2.65
5	285	3.31

- 4000K - CRI 90**
On board dimmer
- 09.7318.40
 - 09.7318.14
 - All White
 - 09.7318.40.78



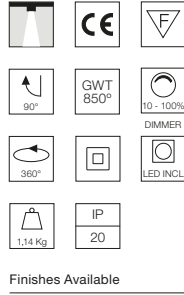
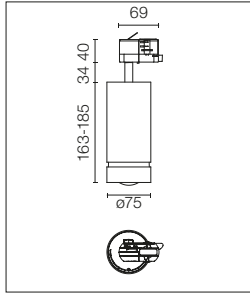
Beam Angle: 37°

h(m)	E(k)	D(m)
1	7934	0.66
2	1983	1.32
3	882	1.98
4	496	2.65
5	317	3.31

THE TRACKING POWER – LIGHT MODULES

UT Pro 175 Lens GA-69

Light Source: LED Array 35,3W - 3950 lm - 3000K/CRI 80 / 35,3W - 3250 lm - 3000K/CRI 90 / 35,3W - 3400 lm - 4000K/CRI 90



Projecteur à installer sur un rail triphasé standard à LED. Possède une lentille réglable permettant de calibrer l'angle d'ouverture de 13° à 56°. Alimentation 120-270V intégrée.

Spotlight to be installed in standard 3-phase track with LED light source. Includes adjustable lens allowing opening angle calibration from 13° to 56°. 120-270V power supply integrated.

Dans les versions .40, l'adaptateur au rail, le bras et la partie arrière de la tête sont noirs. Dans les versions « all white », l'adaptateur au rail, le bras, la partie arrière de la tête et la tête sont blancs. Seul l'anneau anti-éblouissement reste de couleur noire.

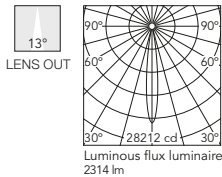
.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

Finishes Available



3000K - CRI 80 On board dimmer

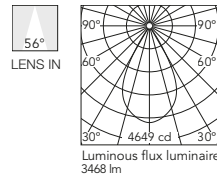
- 09.7373.40
- 09.7373.14
- All White
- 09.7373.40.78



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	28212	0.23
2	7053	0.46
3	3135	0.70
4	1763	0.93
5	1128	1.16

Luminous flux luminaire
2314 lm



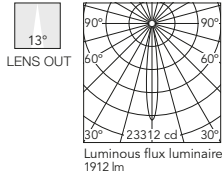
Beam Angle: 56°

h(m)	E(lx)	D(m)
1	4649	1.07
2	1162	2.14
3	517	3.21
4	291	4.29
5	186	5.36

Luminous flux luminaire
3468 lm

3000K - CRI 90 On board dimmer

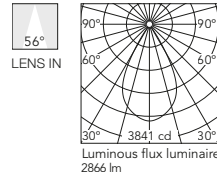
- 09.7374.40
- 09.7374.14
- All White
- 09.7374.40.78



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	23312	0.23
2	5828	0.46
3	2590	0.70
4	1457	0.93
5	932	1.16

Luminous flux luminaire
1912 lm



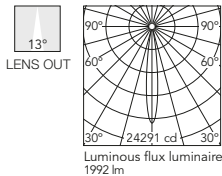
Beam Angle: 56°

h(m)	E(lx)	D(m)
1	3841	1.07
2	960	2.14
3	427	3.21
4	240	4.29
5	154	5.36

Luminous flux luminaire
2866 lm

4000K - CRI 90 On board dimmer

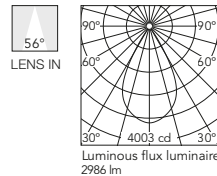
- 09.7375.40
- 09.7375.14
- All White
- 09.7375.40.78



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	24291	0.23
2	6073	0.46
3	2699	0.70
4	1518	0.93
5	972	1.16

Luminous flux luminaire
1992 lm



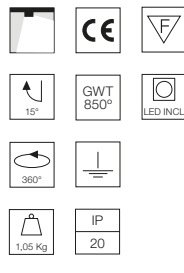
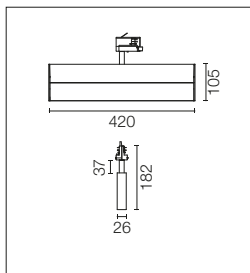
Beam Angle: 56°

h(m)	E(lx)	D(m)
1	4003	1.07
2	1001	2.14
3	445	3.21
4	250	4.29
5	160	5.36

Luminous flux luminaire
2986 lm

UT Pro Wall-Washer GA-69 (Dali GA-600)

Light Source: Top LED 25,5W - 2700 lm - 3000K/CRI 90 / 25,5W - 2900 lm - 4000K/CRI 90



Module d'éclairage Wall-Washer à installer sur un rail triphasé standard à LED. Alimentation 220-240V intégrée. La version DALI nécessite des rails dimmables (voir section "Tracks").

Wall-Washer lighting module to be installed in standard 3-phase track with LED light source. 220-240V power supply integrated. DALI version requires dimmable tracks (please refer to the "Tracks" chapter).

Dans les versions .40, l'adaptateur au rail, le bras et la partie arrière de la tête sont noirs. Dans les versions « all white », l'adaptateur au rail, le bras, la partie arrière de la tête et la tête sont blancs. Seul l'anneau anti-éblouissement reste de couleur noire.

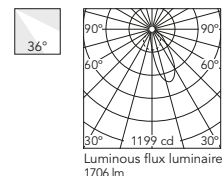
.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

Finishes Available



3000K - CRI 100 Non Dimmable

- 09.7504.40
- 09.7504.14
- All White
- 09.7504.40.78



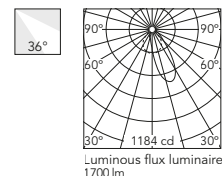
Beam Angle: 36°

h(m)	E(lx)	D(m)
1	1199	0.78
2	300	1.56
3	133	2.34
4	75	3.12
5	48	3.90

Luminous flux luminaire
1706 lm

4000K - CRI 90 Non Dimmable

- 09.7505.40
- 09.7505.14
- All White
- 09.7505.40.78



Beam Angle: 36°

h(m)	E(lx)	D(m)
1	1184	0.76
2	296	1.52
3	132	2.28
4	74	3.04
5	47	3.80

Luminous flux luminaire
1700 lm

Dali Version

- 09.7505.40.DA
- 09.7505.14.DA
- All White
- 09.7505.40.YU






THE TRACKING POWER

Accessoires / Accessories

UT Pro 150 / UT Pro 175

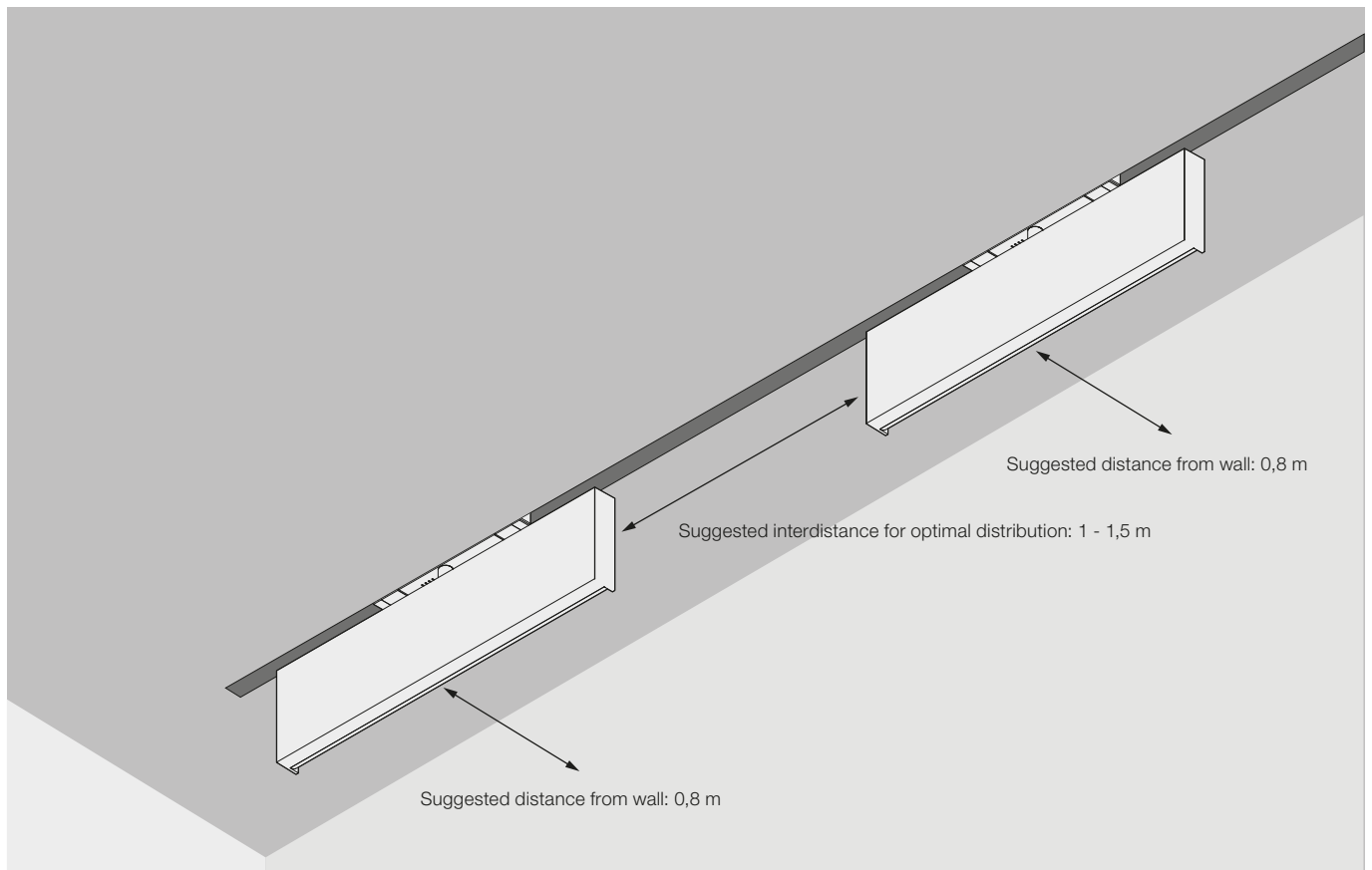
Croix anti-éblouissement, lentilles et honeycomb à installer directement sur la tête du luminaire sans aucun autre accessoire de fixation. Il est possible d'installer à la fois honeycomb + lentille.

Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire without needing any fastening accessory. Installation compatible with honeycomb + lense at the same time.

Croix anti-éblouissement.	Screening crosspiece.		UT Pro 150 08.8429.00 UT Pro 175 08.9108.00
Lentille elliptique.	Elliptical lens.		UT Pro 150 08.8431.00 UT Pro 175 08.9109.00
Lentille flood.	Flood lens.		UT Pro 150 08.8432.00 UT Pro 175 08.9110.00
Honeycomb.	Honeycomb.		UT Pro 150 08.8428.00 UT Pro 175 08.9107.00
Cône anti-éblouissement.	Snoot shielding cone.		UT Pro 150 08.0526.00 UT Pro 175 08.9111.00

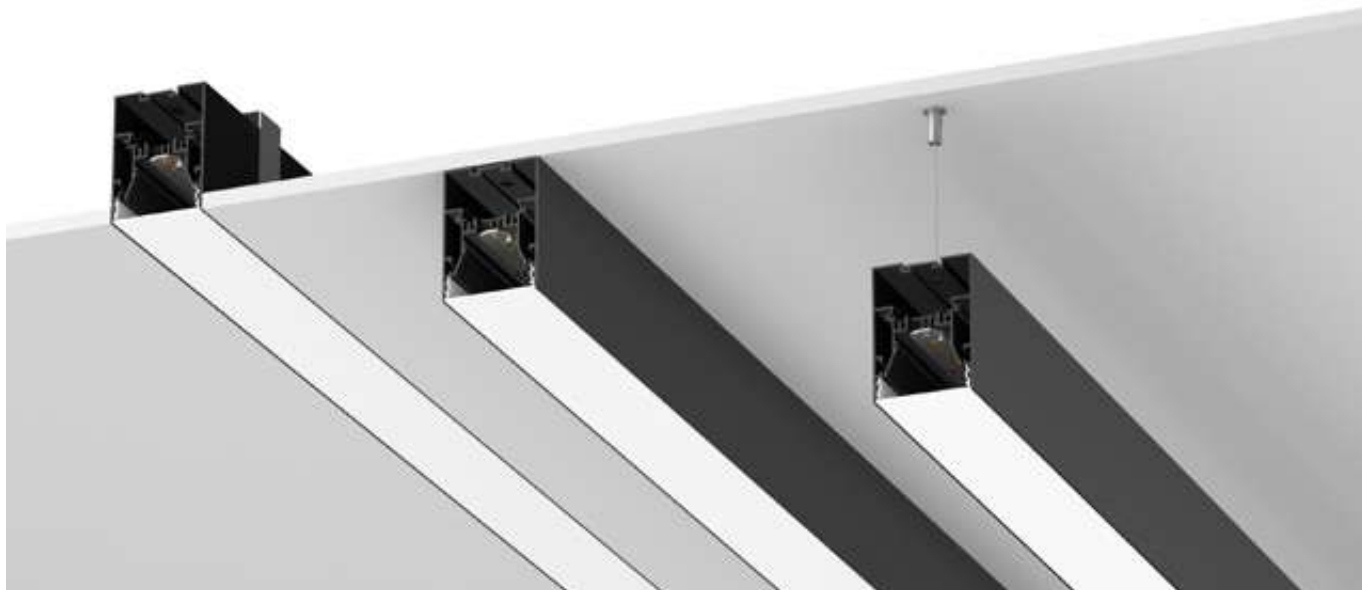
THE TRACKING POWER – INSTALLATION PROFILES

WALL-WASHER INSTALLATION

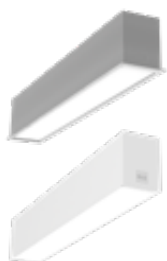


IN-FINITY

DESIGNED BY FLOS ARCHITECTURAL



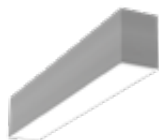
RECESSED TRIM / NO TRIM



35 mm

LIGHT SOURCE
TOP LED
13W/m
2665 lm/m
3000K/CRI 80
13W/m
2800 lm/m
4000K/CRI 80

SURFACE



70 mm

LIGHT SOURCE
TOP LED
21W/m
2985 lm/m
3000K/CRI 80
21W/m
3135 lm/m
4000K/CRI 80

SUSPENSION DOWN



100 mm

LIGHT SOURCE
TOP LED
34W/m
3110 lm/m
3000K/CRI 80
34W/m
3265 lm/m
4000K/CRI 80

SUSPENSION UP&DOWN



35 mm

LIGHT SOURCE
TOP LED
30W/m
1785 lm/m UP
2665 lm/m DOWN
3000K/CRI 80
30W/m
1875 lm/m UP
2800 lm/m DOWN
4000K/CRI 80

70 mm

LIGHT SOURCE
TOP LED
34W/m
1785 lm/m UP
2985 lm/m DOWN
3000K/CRI 80
34W/m
1875 lm/m UP
3135 lm/m DOWN
4000K/CRI 80

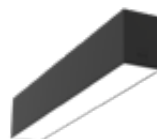
100 mm

LIGHT SOURCE
TOP LED
47W/m
1785 lm/m UP
3110 lm/m DOWN
3000K/CRI 80
47W/m
1875 lm/m UP
3265 lm/m DOWN
4000K/CRI 80

□ 30 Blanc
30 White

■ 02 Gris Anodisé
02 Anodized Grey

■ 14 Noir
14 Black



Description

Système d'éclairage LED pour installation encastrée, en surface ou en suspension, conçu pour les espaces de travail et les espaces professionnels.

Les appareils sont proposés en trois sections de 35 mm, 70 mm ou 100 mm.

Le système est composé d'éléments droits dans une gamme de dimensions allant de 565 à 3095 mm, des éléments d'angle sur même surface ou avec changement de surface, des accessoires tels que éléments de terminaison ou kit de suspension.

Dans toutes les versions, les luminaires comprennent :

- Les modules d'éclairage LED avec driver inclus, en 3000K ou 4000K.
 - Le canal de montage en aluminium.
 - Le réflecteur.
 - Le système de raccordement à d'autres modules.
 - Le câble de sécurité anti chute pour garantir une protection maximale durant la phase d'installation.
- Le diffuseur est proposé en deux versions : opale pour une lumière diffuse générale ou micro-prismatique pour un meilleur confort visuel. Ils sont aussi disponibles en tant qu'accessoires séparés pour combler des creux dans des structures avec des angles ou des longueurs supérieures à 3 mètres.

Le profilé externe de la version Recessed No Trim est uniquement disponible en blanc. Toutes les autres versions sont proposées en : blanc, gris anodisé et noir.

Unité d'Alimentation

Drivers inclus dans les modules d'éclairage pour raccordement en 220-240V ou pour raccorder d'autres modules d'éclairage.

Accessoires

- Embout de finition. À commander séparément.
- Kit de suspension.
- Kit d'alimentation.

Informations Complémentaires

Egalement disponible en version DALI 1-100%.

Version dimmable 1-10V sur demande.

Indice de protection IP20, IP40.

Classe d'isolation I.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

LED lighting system for recessed, surface or suspended installation, designed for work areas and the illumination of professional spaces. Luminaires are available in three different sections of 35 mm, 70 mm or 100 mm.

The system is composed of straight elements, with a range of measurements, from 565 up to 3095 mm, corner elements for angles on the same surface, or with wall-ceiling surface change, accessories such as end covers, and a suspension kit.

In all versions the luminaires come with:

- LED lighting modules, including drivers, in 3000K or 4000K versions.
 - Aluminum installation channel.
 - Reflector.
 - Junction system for the connection of the system's modular element.
 - Safety cable to protect against the lamp's accidental falling, to provide for maximum safety during installation.
- Two different diffusers are available: opal, for general, diffuse lighting; or a micro-prismatic for a better visual comfort. Also available as separate accessories to fill gaps in structures with corners or longer than 3 meters.
- The external profile of the Recessed No Trim version is only available in white finish. All other versions are available in these finishes: white, anodized grey and black.

Power Supply

Drivers included in lighting modules for 220-240V connections to mains or to other lighting modules.

Accessories

- End caps. Must be ordered separately.
- Suspension kit.
- Feed unit kit.

Additional Information

Also available in DALI 1-100% version.

Dimmable 1-10V version under request.

IP20, IP40 protection degree.

Insulation Class I.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Recessed
No Trim



Recessed
Trim



Surface



Suspension
Down



Suspension
Up&Down

IN-FINITY

COMMENT OBTENIR VOTRE CODE / HOW TO GET YOUR CODE

Pour faciliter la compréhension et la vision globale de la gamme, la structure de la codification de la famille In-Finity a été créée de manière à correspondre, une fois composée, à toutes les exigences d'une installation. A partir du tableau suivant, il suffit de sélectionner pour chaque champ, le numéro ou la lettre correspondant à la version In-Finity souhaitée et vous obtiendrez le code final.

For a quicker understanding and easier overview of the range, the part number structure for the In-Finity family has been created to be composed to match the requests of each specific installation. According to the following table, for each field, just choose the number or letter corresponding to the In-Finity version you need, and you'll have the final code.

Section / Section		N	70	S	25	4	U	14B	DA	
35 mm	35	}	}	}	}	}	}	}	}	
70 mm	70									
100 mm	10									
*Installation / Installation		}	}	}	}	}	}	}	}	
Recessed Trim	T									
Recessed No Trim	N									
Surface	S									
Suspension Down	D									
Suspension Up&Down	U									
Éléments / Elements		}	}	}	}	}	}	}	}	
Linéaire / Straight 565 mm	05									
Linéaire / Straight 845 mm	08									
Linéaire / Straight 1125 mm	11									
Linéaire / Straight 1405 mm	14									
Linéaire / Straight 1690 mm	16									
Linéaire / Straight 1970 mm	19									
Linéaire / Straight 2530 mm	25									
Linéaire / Straight 3095 mm	30									
Angle Plat / Flat Corner	FC									
Angle Dièdre / Dihedral Corner	DC									
Secours / Emergency (1405 mm)	EM									
Température de couleur / Color T^a (°K)		}	}	}	}	}	}	}	}	
3000K	3									
4000K	4									
**Optique / Optic		}	}	}	}	}	}	}	}	
General Lighting (Opal)	G									
Micro-Prismatic Diffuser	U									
Finitions / Colours		}	}	}	}	}	}	}	}	
	35 - 70									100
Blanc / White	30B									30
Gris Anodisé / Anodized Grey	02B	02								
Noir / Black	14B	14								
Version / Version		}	}	}	}	}	}	}	}	
	35 - 70									100
Standard (Non Dimmable)										
Dali	DA	.DA								

* La version Recessed No Trim est uniquement disponible en blanc (30). / No Trim Recessed version is only available in white finish (30).

Les versions Suspension sont uniquement disponibles à angle plat. / In Suspension versions only available flat corner.

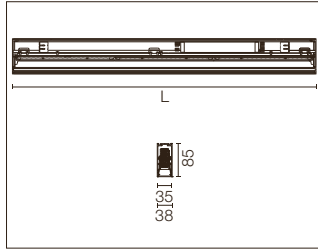
Le profilé linéaire de 565 mm n'est pas disponible dans la version Suspension Up&Down. / Suspension Up&Down version is not available in 565 mm linear profile.

** Ils sont aussi disponibles en tant qu'accessoires séparés pour combler des creux dans des structures avec des angles ou des longueurs supérieures à 3 m / Also available as separate accessories to fill gaps in structures with corners or longer than 3 m.

IN-FINITY

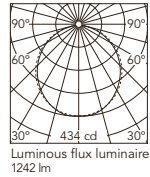
In-Finity Surface 35 mm

Light Source: Top LED 13W/m - 2665 lm/m - 3000K/CRI 80 / 13W/m - 2800 lm/m - 4000K/CRI 80



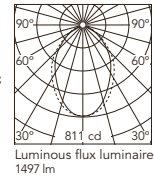
Système modulaire à LED pour installation en surface, comprenant les modules LED, le profilé de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage.

LED modular system for surface installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.



Beam Angle: 110°

	h(m)	Elx)	D(m)
1	434	2.84	
2	108	5.68	
3	48	8.52	
4	27	11.36	
5	17	14.19	

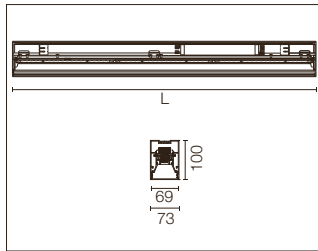
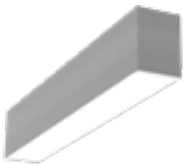


Beam Angle: 76°

	h(m)	Elx)	D(m)
1	811	1.55	
2	203	3.11	
3	90	4.66	
4	51	6.22	
5	32	7.77	

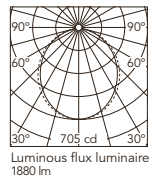
In-Finity Surface 70 mm

Light Source: Top LED 21W/m - 2985 lm/m - 3000K/CRI 80 / 21W/m - 3135 lm/m - 4000K/CRI 80



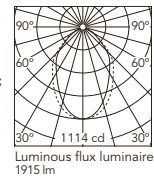
Système modulaire à LED pour installation en surface, comprenant les modules LED, le profilé de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage.

LED modular system for surface installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.



Beam Angle: 103°

	h(m)	Elx)	D(m)
1	705	2.51	
2	176	5.03	
3	78	7.54	
4	44	10.05	
5	28	12.57	

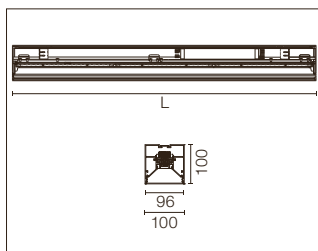
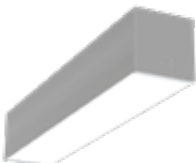


Beam Angle: 72°

	h(m)	Elx)	D(m)
1	1114	1.46	
2	278	2.92	
3	124	4.38	
4	70	5.84	
5	45	7.30	

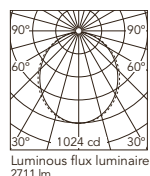
In-Finity Surface 100 mm

Light Source: Top LED 34W/m - 3110 lm/m - 3000K/CRI 80 / 34W/m - 3265 lm/m - 4000K/CRI 80



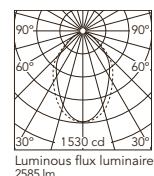
Système modulaire à LED pour installation en surface, comprenant les modules LED, le profilé de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage.

LED modular system for surface installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.



Beam Angle: 103°

	h(m)	Elx)	D(m)
1	1024	2.54	
2	256	5.07	
3	114	7.61	
4	64	10.14	
5	41	12.68	

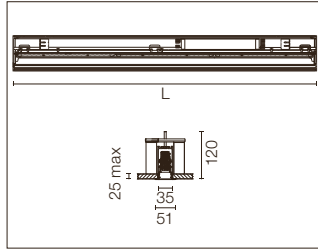


Beam Angle: 73°

	h(m)	Elx)	D(m)
1	1530	1.47	
2	383	2.95	
3	170	4.42	
4	96	5.90	
5	61	7.37	

In-Finity Recessed Trim 35 mm

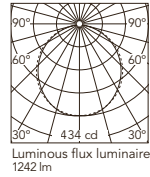
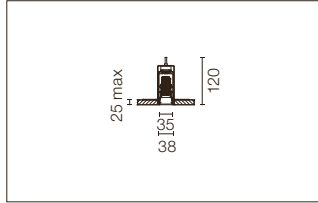
Light Source: Top LED 13W/m - 2665 lm/m - 3000K/CRI 80 / 13W/m - 2800 lm/m - 4000K/CRI 80



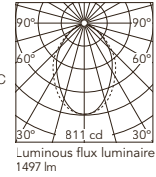
Système modulaire d'éclairage LED pour installation encastrée Trim/ No Trim incluant les modules LED, le profil de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage.

LED modular system for recessed trim/no trim installation, including LED luminaires, aluminum installation profile and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.

In-Finity Recessed No Trim 35 mm



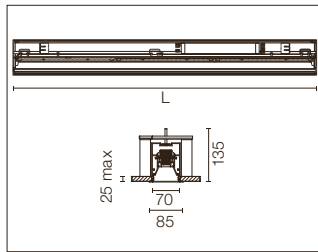
Beam Angle: 110°	h(m)	E(lx)	D(m)
1	434	2.84	
2	108	5.68	
3	48	8.52	
4	27	11.36	
5	17	14.19	



Beam Angle: 76°	h(m)	E(lx)	D(m)
1	811	1.55	
2	203	3.11	
3	90	4.66	
4	51	6.22	
5	32	7.77	

In-Finity Recessed Trim 70 mm

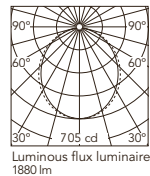
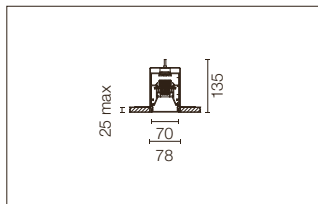
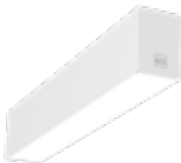
Light Source: Top LED 21W/m - 2985 lm/m - 3000K/CRI 80 / 21W/m - 3135 lm/m - 4000K/CRI 80



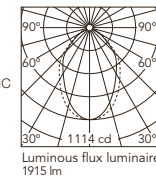
Système modulaire d'éclairage LED pour installation encastrée Trim/ No Trim incluant les modules LED, le profil de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage.

LED modular system for recessed trim/no trim installation, including LED luminaires, aluminum installation profile and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.

In-Finity Recessed No Trim 70 mm



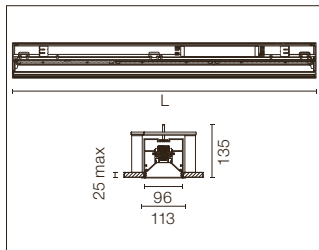
Beam Angle: 103°	h(m)	E(lx)	D(m)
1	705	2.51	
2	176	5.03	
3	78	7.54	
4	44	10.05	
5	28	12.57	



Beam Angle: 72°	h(m)	E(lx)	D(m)
1	1114	1.46	
2	278	2.92	
3	124	4.38	
4	70	5.84	
5	45	7.30	

In-Finity Recessed Trim 100 mm

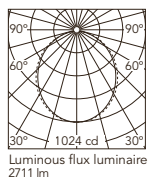
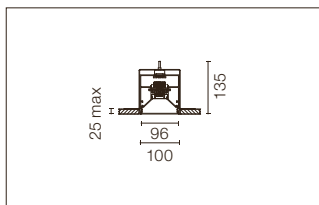
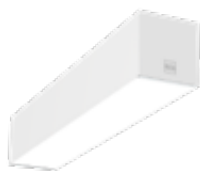
Light Source: Top LED 34W/m - 3110 lm/m - 3000K/CRI 80 / 34W/m - 3265 lm/m - 4000K/CRI 80



Système modulaire d'éclairage LED pour installation encastrée Trim/ No Trim incluant les modules LED, le profil de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage.

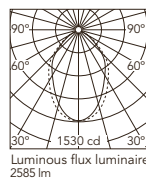
LED modular system for recessed trim/no trim installation, including LED luminaires, aluminum installation profile and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.

In-Finity Recessed No Trim 100 mm



Beam Angle: 103°

h(m)	E(lx)	D(m)
1	1024	2.54
2	256	5.07
3	114	7.61
4	64	10.14
5	41	12.68

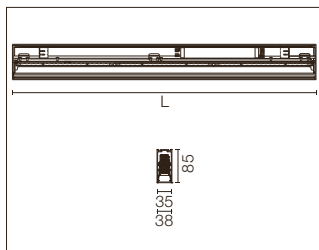


Beam Angle: 73°

h(m)	E(lx)	D(m)
1	1530	1.47
2	383	2.95
3	170	4.42
4	96	5.90
5	61	7.37

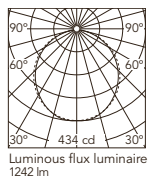
In-Finity Suspension Down 35 mm

Light Source: Top LED 13W/m - 2665 lm/m - 3000K/CRI 80 / 13W/m - 2800 lm/m - 4000K/CRI 80



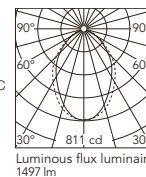
Système modulaire à LED pour installation en suspension, comprenant les modules LED, le profil de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage. Kit de suspension non compris.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit not included.



Beam Angle: 110°

h(m)	E(lx)	D(m)
1	434	2.84
2	108	5.68
3	48	8.52
4	27	11.36
5	17	14.19

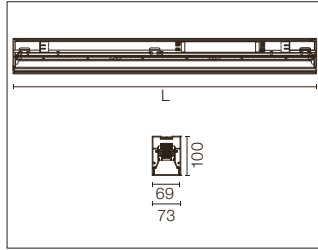


Beam Angle: 76°

h(m)	E(lx)	D(m)
1	811	1.55
2	203	3.11
3	90	4.66
4	51	6.22
5	32	7.77

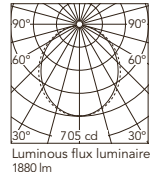
In-Finity Suspension Down 70 mm

Light Source: Top LED 21W/m - 2985 lm/m - 3000K/CRI 80 / 21W/m - 3135 lm/m - 4000K/CRI 80



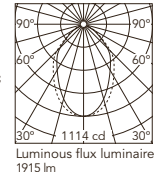
Système modulaire à LED pour installation en suspension, comprenant les modules LED, le profilé de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage. Kit de suspension non compris.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit not included.



Beam Angle: 103°

h(m)	E(lx)	D(m)
1	705	2.51
2	176	5.03
3	78	7.54
4	44	10.05
5	28	12.57

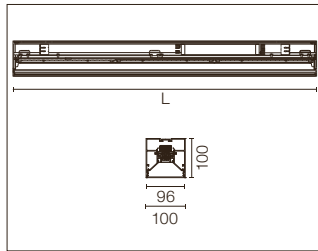


Beam Angle: 72°

h(m)	E(lx)	D(m)
1	1114	1.46
2	278	2.92
3	124	4.38
4	70	5.84
5	45	7.30

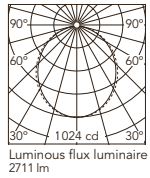
In-Finity Suspension Down 100 mm

Light Source: Top LED 34W/m - 3110 lm/m - 3000K/CRI 80 / 34W/m - 3265 lm/m - 4000K/CRI 80



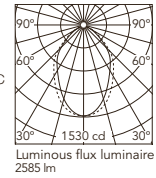
Système modulaire à LED pour installation en suspension, comprenant les modules LED, le profilé de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage. Kit de suspension non compris.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit not included.



Beam Angle: 103°

h(m)	E(lx)	D(m)
1	1024	2.54
2	256	5.07
3	114	7.61
4	64	10.14
5	41	12.68

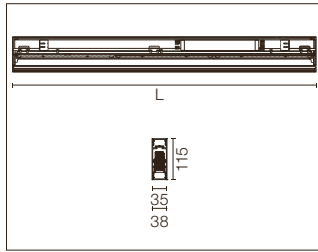


Beam Angle: 73°

h(m)	E(lx)	D(m)
1	1530	1.47
2	383	2.95
3	170	4.42
4	96	5.90
5	61	7.37

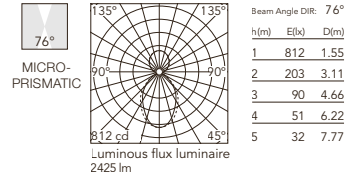
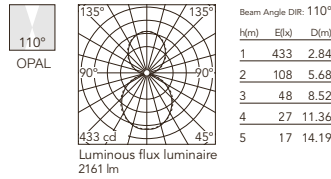
In-Finity Suspension Up&Down 35 mm

Light Source: Top LED 30W/m - 1785 lm/m UP - 2665 lm/m DOWN - 3000K/CRI 80 / 30W/m - 1875 lm/m UP - 2800 lm/m DOWN - 4000K/CRI 80



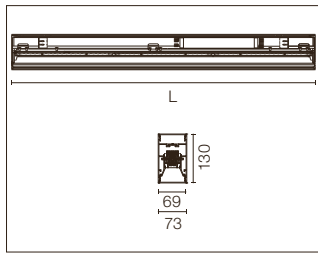
Système modulaire à LED pour installation en suspension, comprenant les modules LED, le profilé de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage. Kit de suspension compris.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit included.



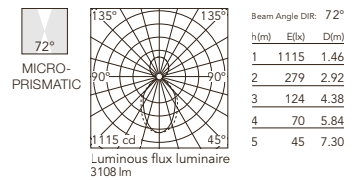
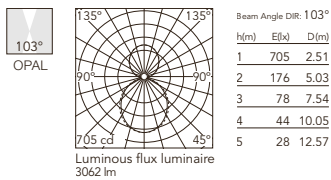
In-Finity Suspension Up&Down 70 mm

Light Source: Top LED 34W/m - 1785 lm/m UP - 2985 lm/m DOWN - 3000K/CRI 80 / 34W/m - 1875 lm/m UP - 3135 lm/m DOWN - 4000K/CRI 80



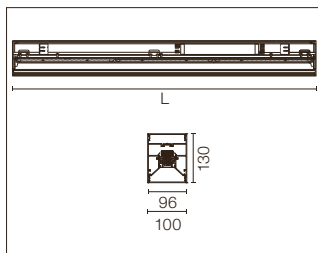
Système modulaire à LED pour installation en suspension, comprenant les modules LED, le profilé de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage. Kit de suspension compris.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit included.



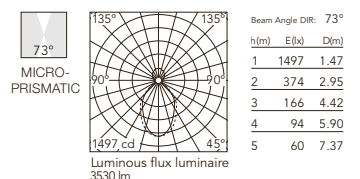
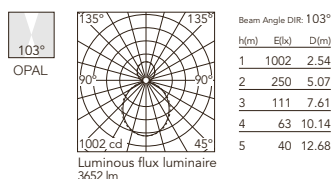
In-Finity Suspension Up&Down 100 mm

Light Source: Top LED 47W/m - 1785 lm/m UP - 3110 lm/m DOWN - 3000K/CRI 80 / 47W/m - 1875 lm/m UP - 3265 lm/m DOWN - 4000K/CRI 80



Système modulaire à LED pour installation en suspension, comprenant les modules LED, le profilé de montage en aluminium et le diffuseur. Drivers inclus dans les modules d'éclairage pour raccordement au réseau 220-240V ou à d'autres modules d'éclairage. Kit de suspension compris.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit included.



Accessoires / Accessories

Embout de finition en métal pour les différents profilés. Kit de 2 pièces.

Metal end cap for the different profiles. 2 unit kit.

Consulter le service Flos Architectural pour une configuration sans embout de finition.

Contact Flos Architectural team for a configuration without end caps.

* La version Recessed No Trim est uniquement disponible en blanc (40).

* No Trim Recessed version is only available in white finish (40).



Recessed Trim

- 35 mm
- 08.9051.40
 - 08.9051.02
 - 08.9051.NS
- 70 mm
- 08.9053.40
 - 08.9053.02
 - 08.9053.NS
- 100 mm
- 08.9055.40
 - 08.9055.02
 - 08.9055.NS

Recessed No Trim*/ Surface / Suspension Down

- 35 mm
- 08.9050.40
 - 08.9050.02
 - 08.9050.NS
 - 08.9050.06
- 70 mm
- 08.9052.40
 - 08.9052.02
 - 08.9052.NS
 - 08.9052.06
- 100 mm
- 08.9054.40
 - 08.9054.02
 - 08.9054.NS
 - 08.9054.06

Suspension Up&Down

- 35 mm
- 08.9056.40
 - 08.9056.02
 - 08.9056.NS
 - 08.9056.06
- 70 mm
- 08.9057.40
 - 08.9057.02
 - 08.9057.NS
 - 08.9057.06
- 100 mm
- 08.9058.40
 - 08.9058.02
 - 08.9058.NS
 - 08.9058.06

Kit de suspension d'une unité (L = 4 m). Distance maximale entre les câbles de suspension : 2 m.

One unit suspension kit (L = 4 m). Maximum distance between the suspension cables: 2 m.



08.0030

Rosace d'alimentation pour installer In-Finity en suspension. La version standard est fournie avec un câble à trois pôles pour allumage simple. La version Dali est fournie avec un câble à cinq pôles qui peut être utilisé pour double allumage (lumière directe et indirecte) dans la version Up&Down standard. Câble de suspension de 4m compris.

Power supply rose for the hanging installation of the In-finity. The standard version comes with a three-pole cable for basic switching. The Dali version comes with a five-pole cable that can be used for double switching, independent from the direct and indirect lighting in the standard Up&Down version. Includes a 4 m suspension cable.



08.0031.00
Dali Version
08.0031.00.DA

Diffuseur opale 500 mm. Eclairage d'ambiance uniforme et sans éblouissement. Accessoire pour combler des creux dans des structures avec des angles ou des longueurs supérieures à 3 mètres.

500 mm opal diffuser. Diffuse, glare free and uniform lighting throughout the room. Accessory to fill gaps in structures with corners or longer than 3 meters.



In-Finity 35
08.0109.00
In-Finity 70
08.0110.00
In-Finity 100
08.0111.00

Diffuseur micro-prismatique 500 mm. Diffuseur à haut rendement qui, grâce à sa texture micro-prismatique multi-couche unique, émet un faisceau de lumière à UGR<19 non éblouissant. Accessoire pour combler des creux dans des structures avec des angles ou des longueurs supérieures à 3 mètres.

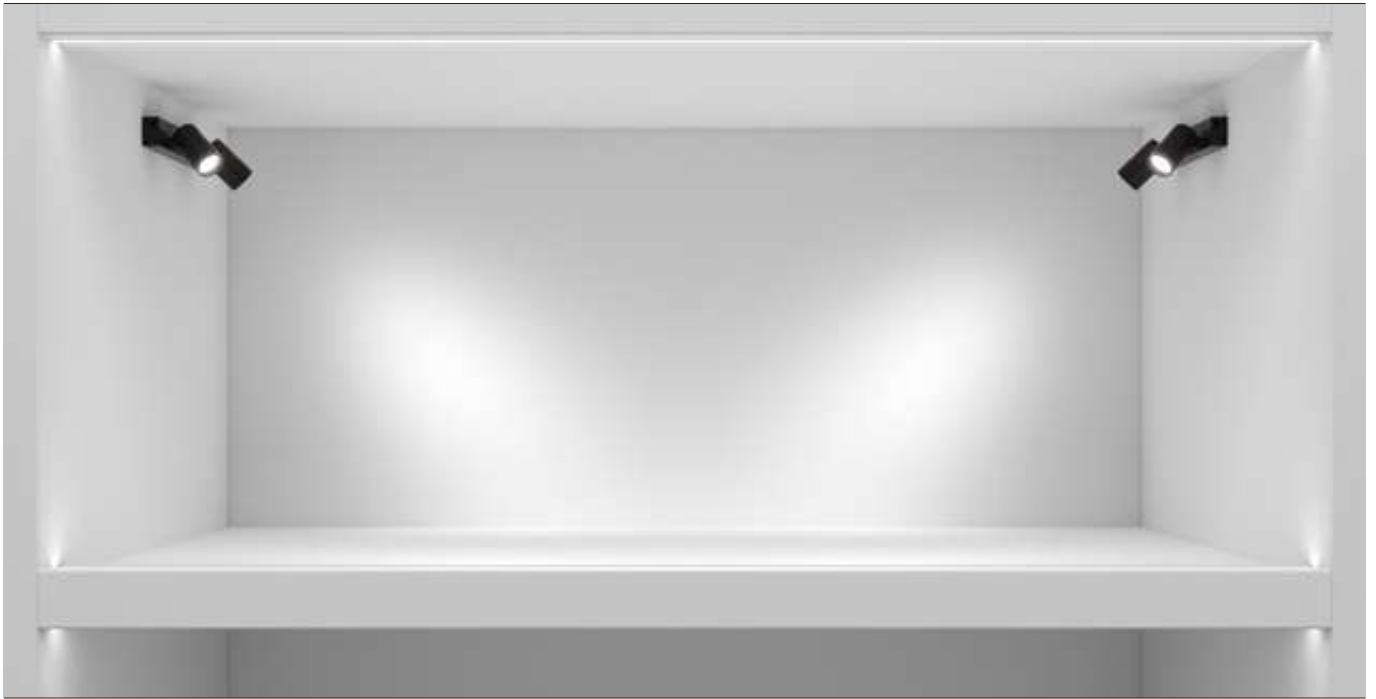
500 mm micro-prismatic diffuser. Highly efficient multilayer diffuser that, thanks to its unique micro-prismatic texture, provides a glare free UGR<19 light beam. Accessory to fill gaps in structures with corners or longer than 3 meters.



In-Finity 35
08.0112.00
In-Finity 70
08.0113.00
In-Finity 100
08.0114.00

LED SQUAD / LED SQUAD MINI

DESIGNED BY FLOS ARCHITECTURAL



**LED SQUAD
MINI**



LIGHT SOURCE
POWER LED
17W/m
24V
1900 lm/m
3000K/CRI 90

LED SQUAD



LIGHT SOURCE
TOP LED
25W/m
24V
2500 lm/m
3000K/CRI 90

**LED SQUAD
1 SPOT**



LIGHT SOURCE
POWER LED
4W
24V
220 lm
3000K/CRI 80

**LED SQUAD
2 SPOTS**



LIGHT SOURCE
POWER LED
6W
24V
2x220 lm
3000K/CRI 80

LED Squad Mini

29 Aluminium Anodisé
29 Anodized Aluminium



LED Squad

29 Aluminium Anodisé
29 Anodized Aluminium

AN Noir Anodisé
AN Anodized Black



LED Squad Spot

30 Blanc
30 White

02 Gris
02 Grey

14 Noir
14 Black



LED SQUAD / LED SQUAD MINI

Description

Luminaire à installer en surface, avec une source de lumière LED. Réalisé avec un profil d'extrusion en aluminium qui contient les modules LED linéaires. Il est doté d'un diffuseur opale pour diffuser la lumière d'une façon optimale et des connecteurs rapides pour pouvoir réaliser des unions entre les modules de différentes longueurs.

La version Spot se compose d'un corps optique en aluminium qui contient un LED très puissant. Le contrôle optique se réalise au moyen des lentilles, avec trois angles d'ouverture.

Unité d'Alimentation

Le système est alimenté à 24V, et pour ce faire il existe des sources d'alimentation de 20W et de 60W.

Longueur maximale des modules LED alimentés depuis une source d'alimentation:

- LED Squad: 2 m (60W).

- LED Squad Mini: 3x1,118 m (60W).

Nombre maximum de Spots branchés entre eux avec une source d'alimentation: 6 spots.

Informations Complémentaires

Les câbles d'union et d'alimentation des modules sont inclus dans le produit.

Puissance maximale avec une source d'alimentation 60W.

Indice de protection IP20.

Classe d'isolation III.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Luminaire to be installed on surface with LED light source. Made out of aluminium extrusion profile in which linear LED modules are incorporated. It has an opal diffuser to obtain perfect light diffusion and quick connectors to be able to make joints between different length modules.

The Spot version is made up of an aluminium optical body which includes a high performance power LED. Optical control is made using lenses, with three opening angles.

Power Supply

The system is powered at 24V, and has 20W and 60W power supplies.

Maximum length of LED modules powered from a power supply:

- LED Squad: 2 m (60W).

- LED Squad Mini: 3x1,118 m (60W).

Maximum number of spots connected together with a power supply: 6 spots.

Additional Information

The connection and power cables of the modules are included with the product.

Maximum power with a 60W power supply.

IP20 protection grade.

Insulation class III.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Led Squad

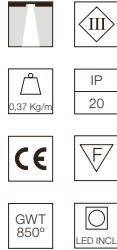
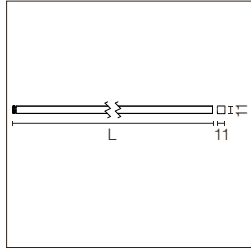


Led Squad Spot

LED SQUAD / LED SQUAD MINI

LED Squad Mini

Light Source: Top LED 17 W/m - 24V - 1900 lm/m - 3000K/CRI 90



Luminaire à installer en surface avec source de lumière LED. Composé d'un profil en aluminium extrudé auquel sont incorporés les modules linéaires LED. Points invisibles avec lumière continue. Possède un connecteur rapide pour pouvoir joindre des modules de longueurs différentes sans câblage. Possède un système de fixation magnétique sur des surfaces métalliques ou sur des supports à visser sur des surfaces conventionnelles.

Luminaire for surface installation with LED light source. Composed of an extruded aluminum profile to which LED linear modules are incorporated. Invisible dots with continuous light. It has a fast connector in order to join modules of different lengths without wiring. It has a magnetic fixing system on metal surfaces or brackets to screw on conventional surfaces.

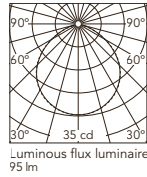
Câbles d'installation non compris. À commander séparément. Non compatible avec des spots. Non dimmable.

Installation cables not included. To be ordered separately. Not compatible with spots. Non dimmable.

L: 100 mm

1,5W - 190 lm

- 03.4060.29
- 10 Units Kit
- 03.4060.29.1Y



Beam Angle: 106°

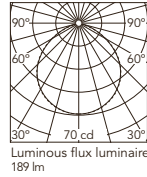
h(m)	Ef(x)	D(m)
1	35	2.67
2	9	5.35
3	4	8.02
4	2	10.70
5	1	13.37

Luminous flux luminaire 95 lm

L: 193 mm

2,9W - 367 lm

- 03.4061.29
- 10 Units Kit
- 03.4061.29.1Y



Beam Angle: 106°

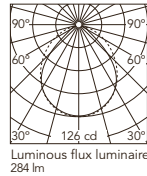
h(m)	Ef(x)	D(m)
1	70	2.67
2	18	5.35
3	8	8.02
4	4	10.70
5	3	13.37

Luminous flux luminaire 189 lm

L: 285 mm

4,4W - 542 lm

- 03.4062.29
- 10 Units Kit
- 03.4062.29.1Y



Beam Angle: 88°

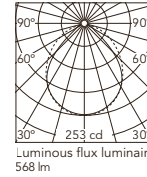
h(m)	Ef(x)	D(m)
1	126	1.94
2	32	3.88
3	14	5.82
4	8	7.76
5	5	9.70

Luminous flux luminaire 284 lm

L: 563 mm

8,8W - 1070 lm

- 03.4063.29
- 10 Units Kit
- 03.4063.29.1Y



Beam Angle: 88°

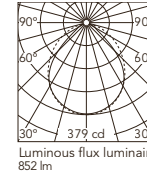
h(m)	Ef(x)	D(m)
1	253	1.94
2	63	3.88
3	28	5.82
4	16	7.76
5	10	9.70

Luminous flux luminaire 568 lm

L: 841 mm

13,2W - 1598 lm

- 03.4064.29
- 10 Units Kit
- 03.4064.29.1Y



Beam Angle: 88°

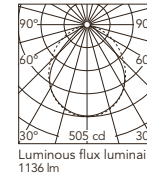
h(m)	Ef(x)	D(m)
1	379	1.94
2	95	3.88
3	42	5.82
4	24	7.76
5	15	9.70

Luminous flux luminaire 852 lm

L: 1118 mm

17,6W - 2125 lm

- 03.4065.29
- 10 Units Kit
- 03.4065.29.1Y
- 50 Units Kit
- 03.4065.29.5Y



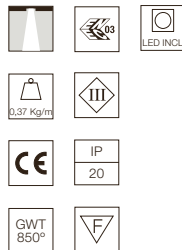
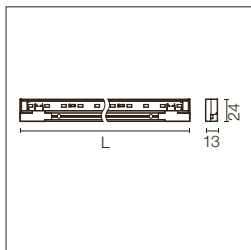
Beam Angle: 88°

h(m)	Ef(x)	D(m)
1	505	1.94
2	126	3.88
3	56	5.82
4	32	7.76
5	20	9.70

Luminous flux luminaire 1136 lm

LED Squad

Light Source: Top LED 25 W/m - 24V - 2500 lm/m - 3000K/CRI 90



Luminaire mural d'éclairage direct/indirect avec LED. Transformateur à distance non compris. Dimmable.

Direct/indirect lighting wall luminaire with LED. Remote transformer not included. Dimmable.

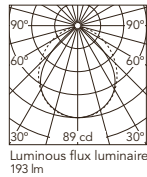
Câbles d'installation compris: Câble d'alimentation 500 mm. Câble de connexion 60 mm.

Installation cables included: Power cable 500 mm. Connection cable 60 mm.

L: 125 mm

3,2W - 313 lm - 7 LEDs

- 03.3960.29B
- 03.3960.ANB



Beam Angle: 86°

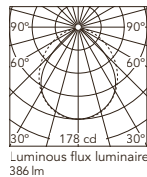
h(m)	Ef(x)	D(m)
1	89	1.88
2	22	3.76
3	10	5.64
4	6	7.52
5	4	9.40

Luminous flux luminaire 193 lm

L: 250 mm

6,3W - 625 lm - 14 LEDs

- 03.3961.29B
- 03.3961.ANB



Beam Angle: 86°

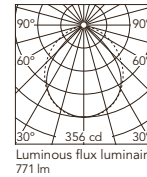
h(m)	Ef(x)	D(m)
1	178	1.88
2	45	3.76
3	20	5.64
4	11	7.52
5	7	9.40

Luminous flux luminaire 386 lm

L: 500 mm

12,5W - 1250 lm - 28 LEDs

- 03.3962.29B
- 03.3962.ANB



Beam Angle: 86°

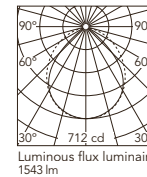
h(m)	Ef(x)	D(m)
1	356	1.88
2	89	3.76
3	40	5.64
4	22	7.52
5	14	9.40

Luminous flux luminaire 771 lm

L: 1000 mm

25W - 2500 lm - 56 LEDs

- 03.3963.29B
- 03.3963.ANB



Beam Angle: 86°

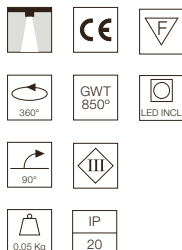
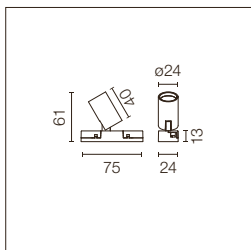
h(m)	Ef(x)	D(m)
1	712	1.88
2	178	3.76
3	79	5.64
4	45	7.52
5	28	9.40

Luminous flux luminaire 1543 lm

LED SQUAD / LED SQUAD MINI

LED Squad 1 Spot

Light Source: Power LED 4W - 24V - 220 lm - 3000K/CRI 80



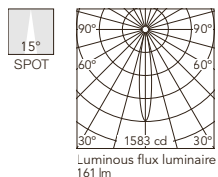
Projecteur à installer en surface.
Source d'alimentation non comprise.
Dimmable.

Surface mounted spotlight.
Power supply not included.
Dimmable.

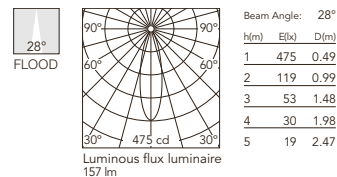
Câbles d'installation compris:
Câble d'alimentation 500 mm.
Câble de connexion 60 mm.

Installation cables included:
Power cable 500 mm.
Connection cable 60 mm.

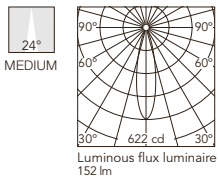
- 03.3970.30A
- 03.3970.02A
- 03.3970.14A



- 03.3972.30A
- 03.3972.02A
- 03.3972.14A

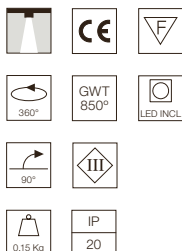
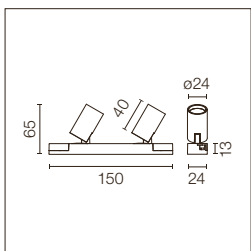


- 03.3971.30A
- 03.3971.02A
- 03.3971.14A



LED Squad 2 Spots

Light Source: Power LED 6W - 24V - 2x220 lm - 3000K/CRI 80



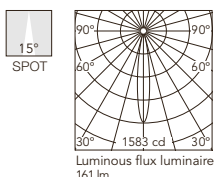
Projecteur à installer en surface.
Source d'alimentation non comprise.
Non Dimmable.

Surface mounted spotlight.
Power supply not included.
Non Dimmable.

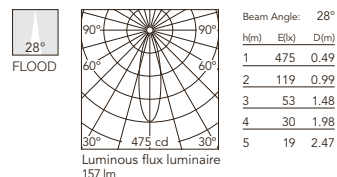
Câbles d'installation compris:
Câble d'alimentation 500 mm.
Câble de connexion 60 mm.

Installation cables included:
Power cable 500 mm.
Connection cable 60 mm.

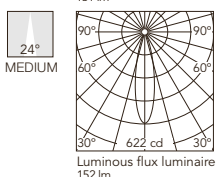
- 03.3975.30A
- 03.3975.02A
- 03.3975.14A



- 03.3977.30A
- 03.3977.02A
- 03.3977.14A



- 03.3976.30A
- 03.3976.02A
- 03.3976.14A



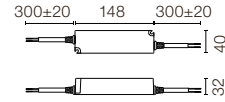
LED SQUAD / LED SQUAD MINI

Appareillages / Drivers

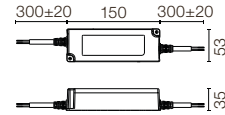
LED Squad / LED Squad Mini

Transformateur électronique à tension constante (24V) pour LED. 100/240V.

Electronic transformer with constant voltage (24V) for LED. 100/240V.



25W
60.8703

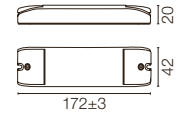


60W
60.9089

LED Squad: à l'exception de la 2 Spots version / except for 2 Spots version

Unité de contrôle dimmable 1-10V avec 1 canal pour les modules LED 24V. Appareil d'alimentation non inclus. Max. 120W - 5A.

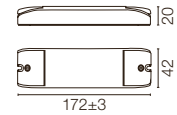
Dimmable 1-10V control unit with 1 channel for 24V LED modules. Power supply not included. Max. 120W - 5A.



60.8640

Unité de contrôle dimmable DALI avec 1 canal pour les modules LED 24V. Appareil d'alimentation non inclus.

Dimmable Dali control unit with 1 channel for 24V LED modules. Power supply not included.



60.8635

LED Squad Mini

Câble d'alimentation 2500 mm.

Feed cable 2500 mm.



06.0097.00

Câble de connexion 150 mm.

Connection cable 150 mm.



06.0098.00

LIGHT CUT MINI

DESIGNED BY FLOS ARCHITECTURAL

PERIMETRAL

70 mm

140 mm



SPOTS MODULES



LIGHT SOURCE
LED ARRAY
18W
1850 lm
3000K/CRI 90



LIGHT SOURCE
LED ARRAY
14,4W
1780 lm
3000K/CRI 80
14,4W
1440 lm
3000K/CRI 90



LIGHT SOURCE
POWER LED
10W
840 lm
3000K/CRI 80



LIGHT SOURCE
PHOSPHOR
LED
17W
1400 lm
3000K/CRI 98
18W
1870 lm
3000K/CRI 80



LIGHT SOURCE
QR-CBC 51
GX5.3
max 50W
- OR -
LED QR-CBC 51
7/10W

□ 30 Blanc Mat
30 Matt White

■ 14 Noir Mat
14 Matt Black



LIGHT CUT MINI

Description

Système d'éclairage composé d'un profilé extrudé qui s'intègre parfaitement dans les plafonds en plâtré. Il est prévu pour des projecteurs LED, halogènes ou iode métallique pour un éclairage accentué.

Les projecteurs peuvent être installés directement sur le profilé, avec appareillage à distance classe II. Ils sont disponibles en deux dimensions. Des accessoires et des filtres de couleur permettent d'optimiser le confort visuel.

Informations Complémentaires

À installer uniquement sur des surfaces en carton-plâtre de 12,5 mm d'épaisseur.

Il est possible de couper les profilés à n'importe quelle taille.

Indice de protection IP20.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Lighting system comprising an extruded profile which integrates perfectly in plasterboard ceilings. It is prepared for the simple integration of lighting with LED projectors, halogens or metal halides, accent light with ambient lighting in fluorescence or LED.

The projectors are prepared for installation directly on the profile, with Class II remote equipment. Furthermore, they are available in two sizes depending on the installation. It has accessories for visual comfort optimization and colour filters.

Additional Information

Can only be installed in 12.5 mm thick plaster-board.

It is possible to cut the profiles to any size.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Profiles



Spot Module



Spot Module
Electrical
Connection

LIGHT CUT MINI – PROFILES

Installation Canal 70 / Canal 140

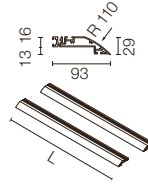
Système de structures en aluminium pour plafonds en placoplâtre. Permet d'intégrer des projecteurs. Pour une installation en alignement, le système se compose de profilés de 1 ou 2 mètres et d'angles intérieurs et extérieurs doubles. Il est possible de couper les profilés à n'importe quelle taille.

Channel 70 / Channel 140 Installation

Structural system in aluminium to integrate in plasterboard ceilings. It allows incorporation of projectors. Channel installation consists of 1 or 2 meter profiles, double inside and outside corners. It is possible to cut the profiles to any size.

Profil en aluminium. Kit de 2 unités.

Aluminium profile. 2 unit kit.



Channel 70 / 140

L: 1000 mm

08.8720.30

08.8720.14

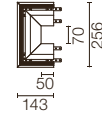
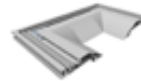
L: 2000 mm

08.8721.30

08.8721.14

Embout de finition.

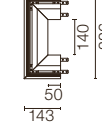
End cap.



Channel 70

08.8705.30

08.8705.14



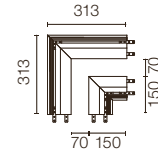
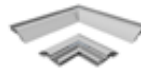
Channel 140

08.8706.30

08.8706.14

Angle.

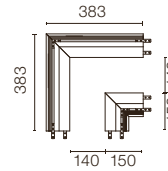
Corner.



Channel 70

08.8707.30

08.8707.14



Channel 140

08.8708.30

08.8708.14

Installation en Perimeter

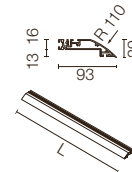
Système de structures en aluminium pour plafonds en placoplâtre. Permet d'intégrer des projecteurs. Pour une installation périmétrale, le système est composé de profilés de 1 à 2 mètres, des angles intérieurs et extérieurs. Il est possible de couper les profilés à n'importe quelle taille.

Perimetral Installation

Structural system in aluminium to integrate in plasterboard ceilings. It allows incorporation of projectors. Perimetral installation consists of 1 or 2 meter profiles, inside and outside corners. It is possible to cut the profiles to any size.

Profil en aluminium. Kit de 1 unité.

Aluminium profile. 1 unit kit.



L: 1000 mm

08.8701.30

08.8701.14

L: 2000 mm

08.8702.30

08.8702.14

Angle intérieur.

Inner corner.



08.8709.30

08.8709.14

Angle extérieur.

Outer corner.



08.8710.30

08.8710.14

Accessoire pour angle vertical.

Accessory for vertical corner.

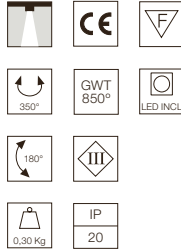
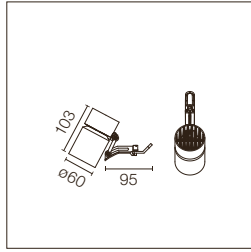


08.8711.00

LIGHT CUT MINI – SPOTS

Spot Module Pro LED Array

Light Source: LED Array / LED Array High Performance DC 500 mA - 18W - 1850 lm - 3000K/CRI 90



Projecteur pour système Light Cut Mini. Alimentation à courant constant à distance, non comprise.

Spotlight to be installed on Light Cut Mini system. Remote continuous current supply source not included.

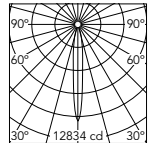
Les références High Performance incluent un réflecteur de haut rendement.

High performance part numbers include high performance reflector.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V / PUSH 220-240V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.9162
60.9188
60.8847
60.9268

09.0360.30
09.0360.14

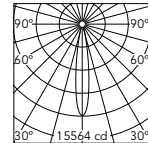


Beam Angle: 11°

h(m)	Et(x)	D(m)
1	12834	0.20
2	3209	0.39
3	1426	0.59
4	802	0.78
5	513	0.98

Luminous flux luminaire
1234 lm

High Performance
09.0365.30
09.0365.14

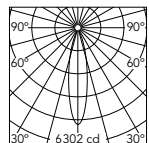


Beam Angle: 16°

h(m)	Et(x)	D(m)
1	15564	0.28
2	3891	0.57
3	1729	0.85
4	973	1.14
5	623	1.42

Luminous flux luminaire
1729 lm

09.0361.30
09.0361.14

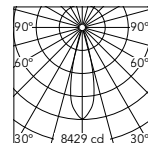


Beam Angle: 22°

h(m)	Et(x)	D(m)
1	6302	0.40
2	1576	0.79
3	700	1.19
4	394	1.58
5	252	1.98

Luminous flux luminaire
1207 lm

High Performance
09.0366.30
09.0366.14

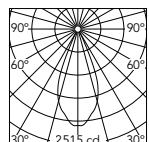


Beam Angle: 27°

h(m)	Et(x)	D(m)
1	8429	0.48
2	2107	0.96
3	937	1.44
4	527	1.91
5	337	2.39

Luminous flux luminaire
1704 lm

09.0362.30
09.0362.14

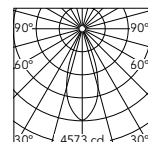


Beam Angle: 44°

h(m)	Et(x)	D(m)
1	2515	0.80
2	629	1.61
3	279	2.41
4	157	3.21
5	101	4.01

Luminous flux luminaire
1162 lm

High Performance
09.0367.30
09.0367.14



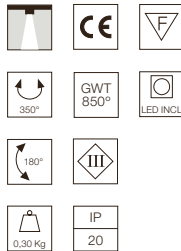
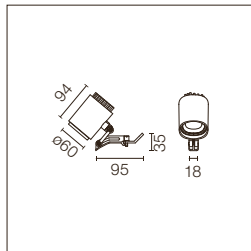
Beam Angle: 38°

h(m)	Et(x)	D(m)
1	4573	0.69
2	1143	1.37
3	508	2.06
4	286	2.75
5	183	3.43

Luminous flux luminaire
1699 lm

Spot Module LED Array

Light Source: LED Array DC 450 mA - 14,4W - 1780 lm - 3000K/CRI 80 / 14,4W - 1440 lm - 3000K/CRI 90



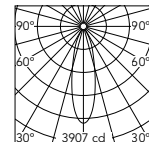
Projecteur pour système Light Cut Mini. Alimentation à courant constant à distance, non comprise.

Spotlight to be installed on Light Cut Mini system. Remote continuous current supply source not included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V / Push
Dimmable Dali
Mains Dimming

Recommended power supply:
60.9162
60.9188
60.8847
60.9268

CRI 80
09.0211.30A
09.0211.14A

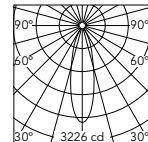


Beam Angle: 28°

h(m)	Et(x)	D(m)
1	3907	0.49
2	977	0.99
3	434	1.48
4	244	1.98
5	156	2.47

Luminous flux luminaire
1219 lm

CRI 90
09.0217.30A
09.0217.14A

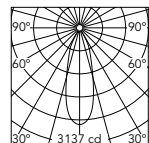


Beam Angle: 28°

h(m)	Et(x)	D(m)
1	3226	0.49
2	806	0.99
3	358	1.48
4	202	1.98
5	129	2.47

Luminous flux luminaire
1006 lm

CRI 80
09.0212.30A
09.0212.14A

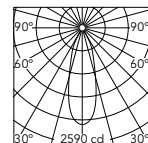


Beam Angle: 32°

h(m)	Et(x)	D(m)
1	3137	0.57
2	784	1.13
3	349	1.70
4	196	2.26
5	125	2.83

Luminous flux luminaire
1174 lm

CRI 90
09.0218.30A
09.0218.14A

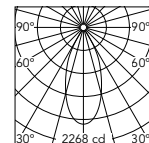


Beam Angle: 32°

h(m)	Et(x)	D(m)
1	2590	0.57
2	647	1.13
3	288	1.70
4	162	2.26
5	104	2.83

Luminous flux luminaire
969 lm

CRI 80
09.0213.30A
09.0213.14A

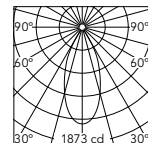


Beam Angle: 43°

h(m)	Et(x)	D(m)
1	2268	0.78
2	567	1.56
3	252	2.34
4	142	3.12
5	91	3.91

Luminous flux luminaire
1162 lm

CRI 90
09.0219.30A
09.0219.14A



Beam Angle: 43°

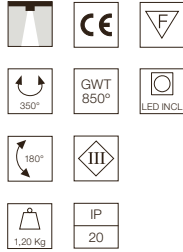
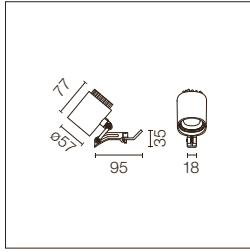
h(m)	Et(x)	D(m)
1	1873	0.78
2	468	1.56
3	208	2.34
4	117	3.12
5	75	3.91

Luminous flux luminaire
959 lm

LIGHT CUT MINI – SPOTS

Spot Module Power LED

Light Source: Power LED DC 900 mA - 10W - 840 lm - 3000K/CRI 80



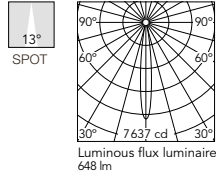
Projecteur pour système Light Cut Mini. Alimentation à courant constant à distance, non comprise.

Spotlight to be installed on Light Cut Mini system. Remote continuous current supply source not included.

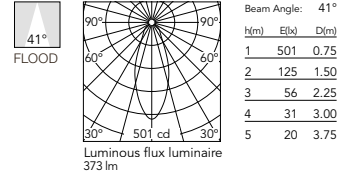
Alimentations recommandées :
Non Dimmable
Dimmable Dali

Recommended power supply:
60.9233
60.8530

09.0220.30A
09.0220.14A

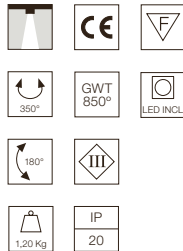
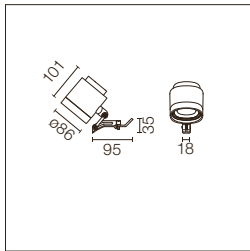


09.0221.30A
09.0221.14A



Spot Module Phosphor LED

Light Source: Phosphor LED DC 650 mA - 18W - 1870 lm - 3000K/CRI 80 / DC 700 mA - 17W - 1400 lm - 3000K/CRI 98



Projecteur pour système Light Cut Mini. Alimentation à courant constant à distance, non comprise.

Spotlight to be installed on Light Cut Mini system. Remote continuous current supply source not included.

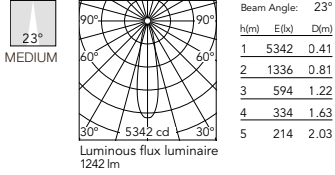
Uniquement pour installation sur Canal 140.

Only for Channel 140 installation.

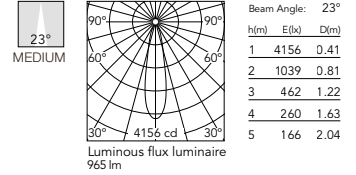
Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
CRI 80 | **CRI 98**
60.9162 | 60.8656
60.8530 | 60.8533
60.8530 | 60.8530
60.8534

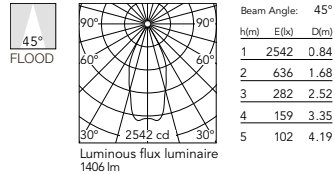
CRI 80
09.0230.30
09.0230.14



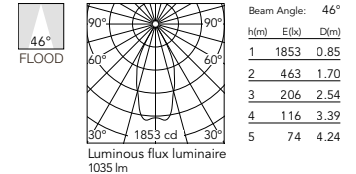
CRI 98
09.0232.30
09.0232.14



CRI 80
09.0231.30
09.0231.14

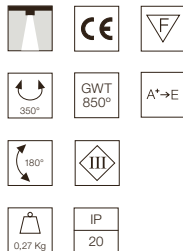
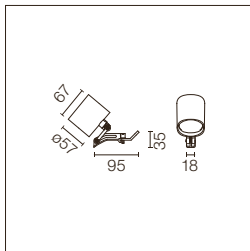


CRI 98
09.0233.30
09.0233.14



Spot Module QR-CBC 51

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7/10W



Projecteur pour système Light Cut Mini. Transformateur électronique à distance non compris.

Spotlight to be installed on Light Cut Mini system. Electronic transformer remote not included.

09.0203.30
09.0203.14

LIGHT CUT MINI

Accessoires / Accessories

Spot module: Power LED / QR-CBC 51

Accessoire anti-éblouissement.
Screening cylinder.



08.8380.30
08.8380.14

Porte-filtres fabriqué en aluminium
injecté.



08.8363.30
08.8363.14

Filter-holder made from injected
aluminium.

Honeycomb
Honeycomb



08.8182.14

Filtre bleu
Blue filter



08.8230.64.OD

Filtre bleu ciel
Sky blue filter



08.8230.65.OD

Filtre ambre
Amber filter



08.8230.66.OD

Filtre rouge
Red filter



08.8230.67.OD

Filtre anti U.V.
U.V. filter



08.8230.98.OD

Hot light
Hot light



08.8230.69

Cold light
Cold light



08.8230.CL

Daylight
Daylight



08.8230.DL

Neodimium
Neodimium



08.8230.ND

Spot module: LED Array 14,4W

Honeycomb
Honeycomb



08.8502.14

Filtre bleu
Blue filter



08.8501.64.OD

Filtre bleu ciel
Sky blue filter



08.8501.65.OD

Filtre ambre
Amber filter



08.8501.66.OD

Filtre rouge
Red filter



08.8501.67.OD

Hot light
Hot light



08.8501.69

Cold light
Cold light



08.8501.CL

Daylight
Daylight



08.8501.DL

Neodimium
Neodimium



08.8501.ND

Spot module: LED Array 18W

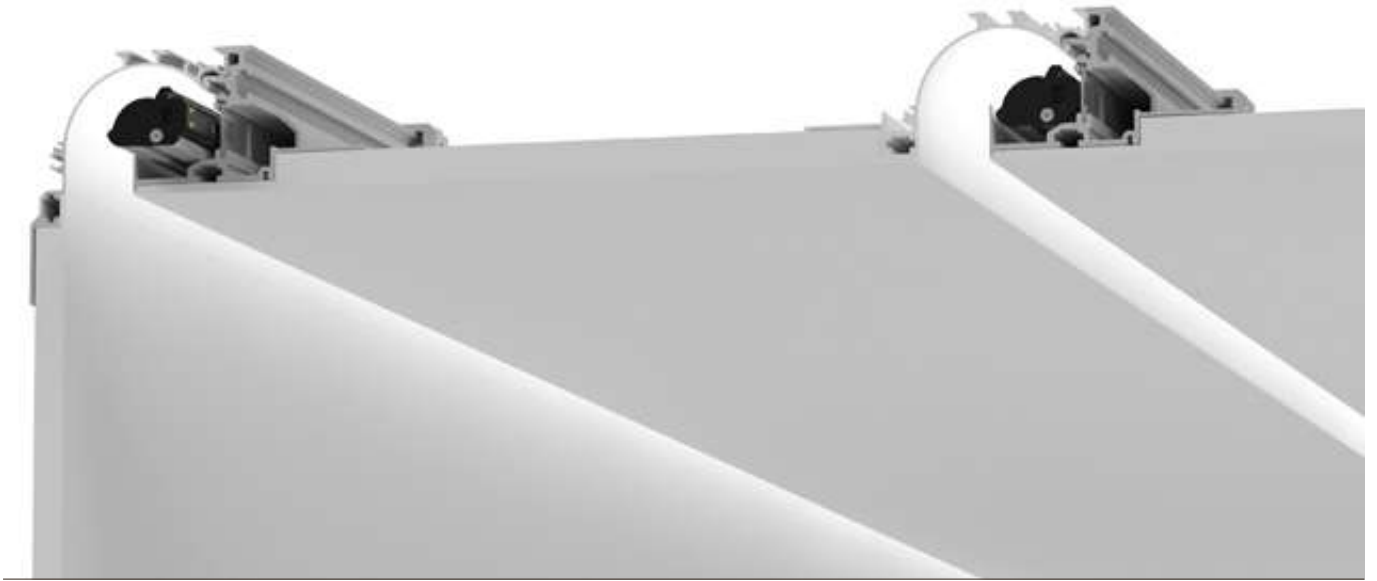
Honeycomb
Honeycomb



08.3309.14

MOONLINE

DESIGNED BY FRANK SINNAEVE AND STEPHAN GUNST



LIGHT STRIPE
125 mm



LIGHT SOURCE
TOP LED
2,5W
182 lm
3000K/CRI 80

LIGHT STRIPE
500 mm



LIGHT SOURCE
TOP LED
10W
728 lm
3000K/CRI 80

00 Imprégnation
00 Primer



40 Blanc
40 White



Description

Luminaire d'intérieur encastrable pour cloison/plafond en plaques de plâtres. Élégante intégration dans l'espace. Moonline se compose de profils en aluminium extrudé, en finition anodisée naturelle, sur lesquels sont positionnés, au moyen d'un système de fixation magnétique, des modules d'éclairage à sources de lumière LED de dernière génération.

Grâce au système de fixation magnétique, les modules de lumière peuvent être installés et repositionnés facilement, sans aucun outil particulier.

Les modules d'éclairage sont disponibles en 500 mm et 150 mm de longueur avec diffuseur PMMA opale garantissant un éclairage uniforme.

Unité d'Alimentation

Le produit est fourni précâblé pour être connecté à une source d'alimentation à distance 24V/240W non comprise.

Accessoires

Accessoire pour faciliter l'extraction des modules Light Stripe.

Informations Complémentaires

À installer uniquement sur des surfaces en carton-plâtre de 12,5 mm d'épaisseur.

Moonline est un système électrique alimenté en 24V et limité à un courant maximal de 10A.

Pour éviter tous problèmes de surcharge, il est recommandé d'installer une source d'alimentation indépendante de 240W tous les 12 m.

Indice de protection IP20.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Recessed luminaire for indoor use, mounted on plasterboard ceiling/wall. Elegant integration with spaces. Moonline is comprised of extruded aluminium profiles with natural anodised finish. It has a magnetic fixture system that houses the lighting modules, with latest generation LED light sources.

Due to this magnetic fixture system, the light modules can be easily installed and repositioned, without the need for specific tools.

The lighting modules are available in lengths of 500 mm and 150 mm with opal PMMA diffuser that guarantees uniform lighting.

Power Supply

The product is supplied pre-wired to be connected to a 24V/240W remote power supply source not included.

Accessories

Accessory to remove the Light Stripe modules much easier.

Additional Information

Can only be installed in 12.5 mm thick plaster-board.

Moonline is an electric system supplied at 24V and limited to a maximum current of 10A.

To avoid overload problems, the installation of an independent 240W power supply source is recommended for every 12 m installed.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Light Stripe



Profiles

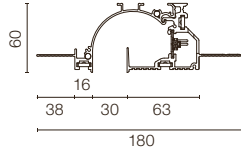
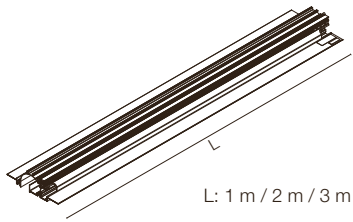
MOONLINE – PROFILES

Profilsés

Profil en aluminium extrudé à encastrer aux plafonds/cloisons en plaques de plâtre. Comprend une piste magnétique permettant d'installer directement les modules d'éclairage LED.

Profiles

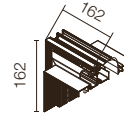
Profile made of extruded aluminium to recess into plasterboard walls/ceilings. It includes magnetic track to directly install LED lighting modules.



- L: 1000 mm
 - 06.1100.00
 - 06.1100.40
- L: 2000 mm
 - 06.1105.00
 - 06.1105.40
- L: 3000 mm
 - 06.1110.00
 - 06.1110.40

Angle vertical.

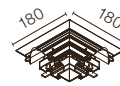
Vertical corner.



- 06.1133.00
- 06.1133.40

Angle horizontal.

Horizontal corner.



- 06.1134.00
- 06.1134.40

Angle extérieur.

Outer corner.



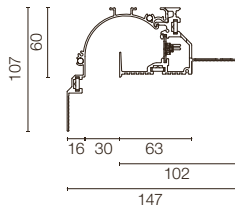
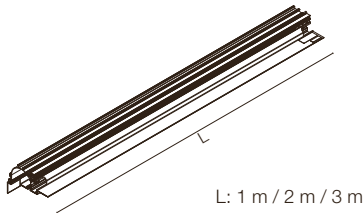
- 06.1135.00
- 06.1135.40

Profilsés Périphériques

Profil périphérique en aluminium extrudé à encastrer aux plafonds/cloisons en plaques de plâtre. Comprend une piste magnétique permettant d'installer directement les modules d'éclairage LED.

Perimeter Profile

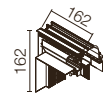
Perimeter profile made of extruded aluminium to recess into plasterboard walls/ceilings. It includes magnetic track to directly install LED lighting modules.



- L: 1000 mm
 - 06.1115.00
 - 06.1115.40
- L: 2000 mm
 - 06.1120.00
 - 06.1120.40
- L: 3000 mm
 - 06.1125.00
 - 06.1125.40

Angle périphérique vertical.

Vertical perimeter corner.



- 06.1130.00
- 06.1130.40

Angle intérieur périphérique.

Inner perimeter corner.



- 06.1131.00
- 06.1131.40

Angle extérieur périphérique.

Outer perimeter corner.



- 06.1132.00
- 06.1132.40

Cache métallique pour les profils.
Kit de 2 unités.

Metal cover for profiles. 2 unit kit.



- 08.8914.00
- 08.8914.40

Câble de connexion à la source
d'alimentation. 1 m.

Connection cable. 1 m.

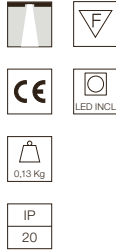
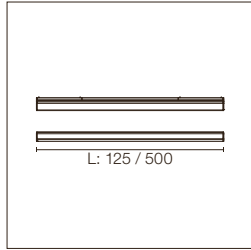


- 06.1140.00

MOONLINE – LIGHT MODULE

Light Stripe 125 / 500 mm

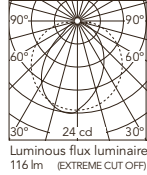
Light Source: Top LED 20W/m - 1456 lm/m - 3000K/CRI 80



Module d'éclairage LED à lumière diffuse à installer sur le système Moonline.

LED lighting module for scattered light, to be installed in Moonline system.

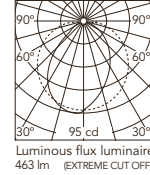
L: 125 mm
2,5W - 182 lm
06.1141.00A



Beam Angle: 78°

h(m)	E(lx)	D(m)
1	24	1.63
2	6	3.26
3	3	4.90
4	1	6.53
5	1	8.16

L: 500 mm
10W - 728 lm
06.1142.00A



Beam Angle: 78°

h(m)	E(lx)	D(m)
1	95	1.63
2	24	3.26
3	11	4.90
4	6	6.53
5	4	8.16

Accessoires / Accessories

Accessoire pour faciliter l'extraction des modules Light Stripe.

Accessory to remove the Light Stripe modules much easier.

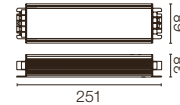


08.8915.00

Appareillages / Drivers

Source d'alimentation LED pour installation à distance dans tableau électrique 24V/240W. Pour éviter tous problèmes de surcharge, il est recommandé d'installer une source d'alimentation indépendante de 240W tous les 12 m d'installation.

LED power supply source for remote installation in 24V/240W electric control panel. To avoid overload problems, the installation of an independent 240W power supply source is recommended for every 12 m installed.



60.8268

HIGH COMFORT

Light Shadow, The Black Line,
Circle of Light, LED Curtain.

LIGHT SHADOW

DESIGNED BY FLOS ARCHITECTURAL

FIXED TRIM / NO TRIM 2 SPOTS



ADJUSTABLE TRIM / NO TRIM 2 SPOTS



FIXED TRIM / NO TRIM 4 SPOTS



ADJUSTABLE TRIM / NO TRIM 4 SPOTS



FIXED TRIM / NO TRIM 8 SPOTS



ADJUSTABLE TRIM / NO TRIM 8 SPOTS



FIXED TRIM / NO TRIM 12 SPOTS



ADJUSTABLE TRIM / NO TRIM 12 SPOTS



WALL-WASHER TRIM / NO TRIM 4 SPOTS



DOTS 1 SPOT



SURFACE 4 SPOTS



DOTS 2 SPOTS



DOTS 4 SPOTS



LIGHT SHADOW

*compatible module for
The Running Magnet



LIGHT SHADOW

W W

*compatible module for
The Running Magnet



*Voir les modules compatibles pour la collection The Running Magnet / See compatible modules for The Running Magnet collection

LIGHT SOURCE

POWER LED
2,7W x Spot
270 lm x Spot
2700K/CRI 90
285 lm x Spot
3000K/CRI 90

LIGHT SHADOW

DESIGNED BY FLOS ARCHITECTURAL

Light Shadow Fixed / Adjustable / Wall-Washer

Externe / Outside

40 Blanc
40 White

14 Noir
14 Black

Light Shadow Surface

Externe / Outside

Interne / Inside

HIGH COMFORT

Noir
Black

Blanc
White

Chromé
Chrome

Or Mat
Matt Gold

Description

Appareils d'éclairage d'intérieur, à encastrer et en surface. Grâce à ses principales caractéristiques (dimensions réduites, rendu et large faisceau) ils s'intègrent totalement et très facilement dans l'espace.

La famille est née de la nécessité d'un appareil d'éclairage compact et facile à installer, dans le style distinctif de Flos, capable de produire un éclairage efficace tout en respectant les critères de confort visuel les plus élevés, dans des versions avec des corps anti-éblouissement noirs.

- Versions encastrées fixes et réglables : 2/4/8/12 spot (Trim/No Trim).

- Version fixe en surface : 4 spots.

- Version wall-washer : 4 spots (Trim / No Trim).

- Version DOTS encastrable fixe : 1/2/4 spots (No Trim).

La famille est proposée avec des optiques de super accentuation, accentuation et éclairage général.

Pour les ambiances plus décoratives, la gamme de couleurs suivante a été développée avec une combinaison de finitions intérieures et extérieures :

- finitions extérieures : blanc et noir.

- finitions intérieures : blanc, or mat, chromé et noir (confort optique élevé).

- finition extérieure de Box de la version en applique : blanc et noir.

Power Supply

Équipement à distance inclus.

Version Dali dimmable disponible.

Versions avec équipement 110V disponibles sur demande.

Accessoires

Pour la version No Trim, un cadre de pré-installation fabriqué en aluminium est nécessaire pour l'installation sur un faux plafond.

À commander séparément (il n'est pas nécessaire pour la version Trim).

Additional Information

La version No Trim a été développée pour une installation sur plaques de plâtre de 12,5 mm d'épaisseur.

Indice de protection IP20, IP23, IP44, IP55 selon les versions.

Classe d'isolation II.

Peut être installé sur des surfaces normalement inflammables.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Trim



No Trim



Surface



Continuous Line

Description

Indoor, embedded and surface luminaires.

Due to their main qualities (reduced size, high performance and great screening), they facilitate total integration into spaces.

The family was born of the need for a compact, easy-to-install luminaire, with the distinctive Flos style, able to produce high efficiency lighting, while respecting the highest standards of visual comfort, in versions with black screening bodies.

- Fixed and adjustable embedded versions: 2/4/8/12 spots (Trim/No Trim).

- Fixed surface version: 4 spots.

- Wall-washer version: 4 spots (Trim / No Trim).

- Fixed recessed DOTS version: 1/2/4 spots (No Trim).

The family is offered with super accented, accented and general lighting optics.

For solutions in more decorative settings, the following range of colours has been developed, with a combination of interior and exterior painted finishes:

- exterior finishes: black and white.

- interior finishes: white, matte gold, chrome and black (high comfort optics).

- outdoor box surface version: black and white.

Power Supply

Remote equipment included.

Dali Dimmable version available.

Versions with 110V equipment available upon request.

Accessories

For the No Trim version, pre-installation frame in aluminium for false ceiling installation. It needs to be ordered separately (not necessary for Trim version).

Additional Information

No Trim version has been designed for 12.5 mm thick plasterboard installation.

IP20, IP23, IP44, IP55 protection grade depending on the versions.

Insulation class II.

Suitable for installation on normally inflammable surfaces.

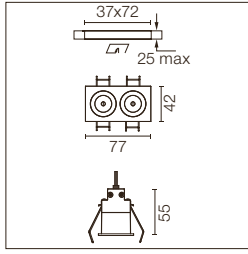
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

LIGHT SHADOW

Light Shadow Fixed Trim 2 Spots

Light Source: Power LED 5,4W - 540 lm - 2700K/CRI 90 / 5,4W - 570 lm - 3000K/CRI 90



Appareil encastré à 2 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire with
2 LED lighting spots. Remote power
supply included.

Cadre de pré-montage pas
nécessaire.

Pre-installation frame not required.

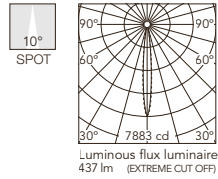
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

Optic Spot 2700K

E I 03.8821.40A
03.8821.14A

E I Dali Version
03.8821.40ADA
03.8821.14ADA



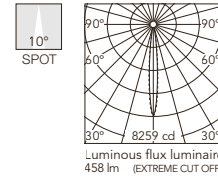
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	7883	0.18
2	1971	0.36
3	876	0.54
4	493	0.72
5	315	0.90

Optic Spot 3000K

E I 03.8825.40A
03.8825.14A

E I Dali Version
03.8825.40ADA
03.8825.14ADA



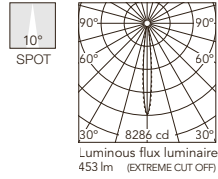
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8259	0.18
2	2065	0.36
3	918	0.54
4	516	0.72
5	330	0.90

2700K

E I 03.8820.40A
03.8820.14A

E I Dali Version
03.8820.40ADA
03.8820.14ADA



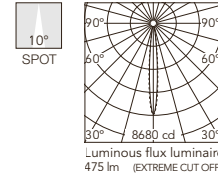
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8286	0.17
2	2071	0.35
3	921	0.52
4	518	0.70
5	331	0.87

3000K

E I 03.8824.40A
03.8824.14A

E I Dali Version
03.8824.40ADA
03.8824.14ADA



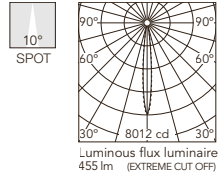
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8680	0.17
2	2170	0.35
3	964	0.52
4	543	0.70
5	347	0.87

2700K

E I 03.8822.40A
03.8822.14A

E I Dali Version
03.8822.40ADA
03.8822.14ADA



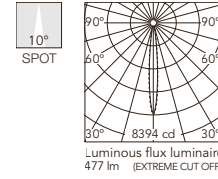
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8012	0.18
2	2003	0.36
3	890	0.55
4	501	0.73
5	320	0.91

3000K

E I 03.8826.40A
03.8826.14A

E I Dali Version
03.8826.40ADA
03.8826.14ADA



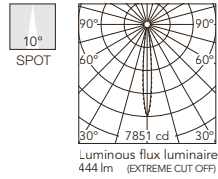
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8394	0.18
2	2098	0.36
3	933	0.55
4	525	0.73
5	336	0.91

2700K

E I 03.8823.40A
03.8823.14A

E I Dali Version
03.8823.40ADA
03.8823.14ADA



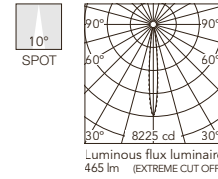
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	7851	0.18
2	1963	0.36
3	872	0.55
4	491	0.73
5	314	0.91

3000K

E I 03.8827.40A
03.8827.14A

E I Dali Version
03.8827.40ADA
03.8827.14ADA



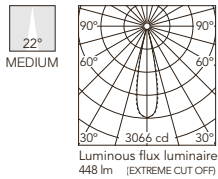
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8225	0.18
2	2056	0.36
3	914	0.55
4	514	0.73
5	329	0.91

Optic Medium 2700K

E I 03.9101.40A
03.9101.14A

E I Dali Version
03.9101.40ADA
03.9101.14ADA



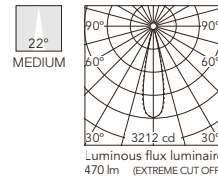
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3066	0.39
2	767	0.78
3	341	1.17
4	192	1.56
5	123	1.95

Optic Medium 3000K

E I 03.9111.40A
03.9111.14A

E I Dali Version
03.9111.40ADA
03.9111.14ADA



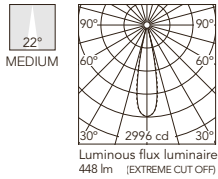
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3212	0.39
2	803	0.78
3	357	1.17
4	201	1.56
5	128	1.95

2700K

E I 03.9100.40A
03.9100.14A

E I Dali Version
03.9100.40ADA
03.9100.14ADA



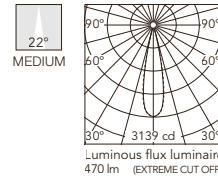
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2996	0.39
2	749	0.78
3	333	1.17
4	187	1.56
5	120	1.95

3000K

E I 03.9110.40A
03.9110.14A

E I Dali Version
03.9110.40ADA
03.9110.14ADA



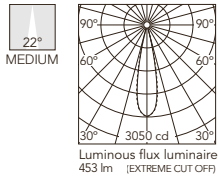
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3139	0.39
2	785	0.78
3	349	1.17
4	196	1.56
5	126	1.95

2700K

E I 03.9102.40A
03.9102.14A

E I Dali Version
03.9102.40ADA
03.9102.14ADA



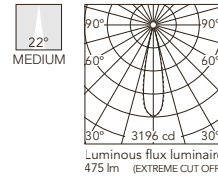
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3050	0.39
2	763	0.77
3	339	1.16
4	191	1.55
5	122	1.94

3000K

E I 03.9112.40A
03.9112.14A

E I Dali Version
03.9112.40ADA
03.9112.14ADA



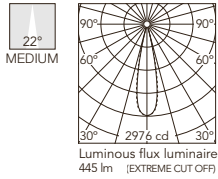
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3196	0.39
2	799	0.77
3	355	1.16
4	200	1.55
5	128	1.94

2700K

E I 03.9103.40A
03.9103.14A

E I Dali Version
03.9103.40ADA
03.9103.14ADA



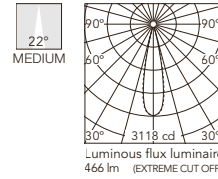
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2976	0.39
2	744	0.78
3	331	1.17
4	186	1.56
5	119	1.95

3000K

E I 03.9113.40A
03.9113.14A

E I Dali Version
03.9113.40ADA
03.9113.14ADA



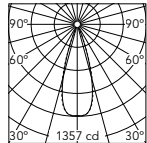
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3118	0.39
2	779	0.78
3	346	1.17
4	195	1.56
5	125	1.95

LIGHT SHADOW

Optic Flood

E I		2700K
		03.9106.40A
		03.9106.14A
E I		Dali Version
		03.9106.40ADA
		03.9106.14ADA



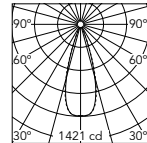
Beam Angle: 33°

h(m)	Et(x)	D(m)
1	1357	0.60
2	339	1.19
3	151	1.79
4	85	2.39
5	54	2.99

Luminous flux luminaire
434 lm (EXTREME CUT OFF)

Optic Flood

E I		3000K
		03.9116.40A
		03.9116.14A
E I		Dali Version
		03.9116.40ADA
		03.9116.14ADA

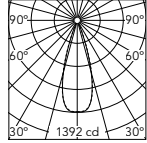


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	1421	0.60
2	355	1.19
3	158	1.79
4	89	2.39
5	57	2.99

Luminous flux luminaire
455 lm (EXTREME CUT OFF)

E I		2700K
		03.9105.40A
		03.9105.14A
E I		Dali Version
		03.9105.40ADA
		03.9105.14ADA

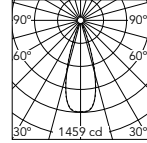


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	1392	0.59
2	348	1.18
3	155	1.78
4	87	2.37
5	56	2.96

Luminous flux luminaire
447 lm (EXTREME CUT OFF)

E I		3000K
		03.9115.40A
		03.9115.14A
E I		Dali Version
		03.9115.40ADA
		03.9115.14ADA

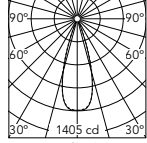


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	1459	0.59
2	365	1.18
3	162	1.78
4	91	2.37
5	58	2.96

Luminous flux luminaire
468 lm (EXTREME CUT OFF)

E I		2700K
		03.9107.40A
		03.9107.14A
E I		Dali Version
		03.9107.40ADA
		03.9107.14ADA

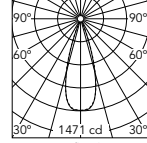


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	1405	0.60
2	351	1.19
3	156	1.79
4	88	2.38
5	56	2.98

Luminous flux luminaire
454 lm (EXTREME CUT OFF)

E I		3000K
		03.9117.40A
		03.9117.14A
E I		Dali Version
		03.9117.40ADA
		03.9117.14ADA

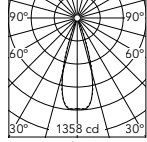


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	1471	0.60
2	368	1.19
3	163	1.79
4	92	2.38
5	59	2.98

Luminous flux luminaire
475 lm (EXTREME CUT OFF)

E I		2700K
		03.9108.40A
		03.9108.14A
E I		Dali Version
		03.9108.40ADA
		03.9108.14ADA

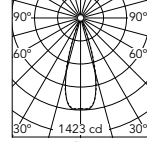


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	1358	0.60
2	340	1.20
3	151	1.79
4	85	2.39
5	54	2.99

Luminous flux luminaire
441 lm (EXTREME CUT OFF)

E I		3000K
		03.9118.40A
		03.9118.14A
E I		Dali Version
		03.9118.40ADA
		03.9118.14ADA



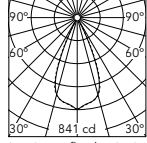
Beam Angle: 33°

h(m)	Et(x)	D(m)
1	1423	0.60
2	356	1.20
3	158	1.79
4	89	2.39
5	57	2.99

Luminous flux luminaire
462 lm (EXTREME CUT OFF)

Optic Wide Flood

E I		2700K
		03.8301.40A
		03.8301.14A
E I		Dali Version
		03.8301.40ADA
		03.8301.14ADA



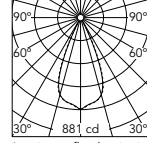
Beam Angle: 46°

h(m)	Et(x)	D(m)
1	841	0.84
2	210	1.69
3	93	2.53
4	53	3.38
5	34	4.22

Luminous flux luminaire
443 lm (EXTREME CUT OFF)

Optic Wide Flood

E I		3000K
		03.8305.40A
		03.8305.14A
E I		Dali Version
		03.8305.40ADA
		03.8305.14ADA

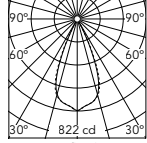


Beam Angle: 46°

h(m)	Et(x)	D(m)
1	881	0.84
2	220	1.69
3	98	2.53
4	55	3.38
5	35	4.22

Luminous flux luminaire
464 lm (EXTREME CUT OFF)

E I		2700K
		03.8300.40A
		03.8300.14A
E I		Dali Version
		03.8300.40ADA
		03.8300.14ADA

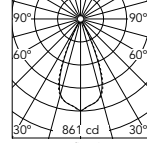


Beam Angle: 45°

h(m)	Et(x)	D(m)
1	822	0.83
2	205	1.67
3	91	2.50
4	51	3.34
5	33	4.17

Luminous flux luminaire
441 lm (EXTREME CUT OFF)

E I		3000K
		03.8304.40A
		03.8304.14A
E I		Dali Version
		03.8304.40ADA
		03.8304.14ADA

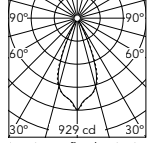


Beam Angle: 45°

h(m)	Et(x)	D(m)
1	861	0.83
2	215	1.67
3	96	2.50
4	54	3.34
5	34	4.17

Luminous flux luminaire
462 lm (EXTREME CUT OFF)

E I		2700K
		03.8302.40A
		03.8302.14A
E I		Dali Version
		03.8302.40ADA
		03.8302.14ADA

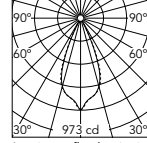


Beam Angle: 44°

h(m)	Et(x)	D(m)
1	929	0.80
2	232	1.60
3	103	2.40
4	58	3.19
5	37	3.99

Luminous flux luminaire
446 lm (EXTREME CUT OFF)

E I		3000K
		03.8306.40A
		03.8306.14A
E I		Dali Version
		03.8306.40ADA
		03.8306.14ADA

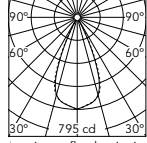


Beam Angle: 44°

h(m)	Et(x)	D(m)
1	973	0.80
2	243	1.60
3	108	2.40
4	61	3.19
5	39	3.99

Luminous flux luminaire
467 lm (EXTREME CUT OFF)

E I		2700K
		03.8303.40A
		03.8303.14A
E I		Dali Version
		03.8303.40ADA
		03.8303.14ADA

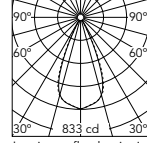


Beam Angle: 46°

h(m)	Et(x)	D(m)
1	795	0.84
2	199	1.69
3	88	2.53
4	50	3.38
5	32	4.22

Luminous flux luminaire
432 lm (EXTREME CUT OFF)

E I		3000K
		03.8307.40A
		03.8307.14A
E I		Dali Version
		03.8307.40ADA
		03.8307.14ADA



Beam Angle: 46°

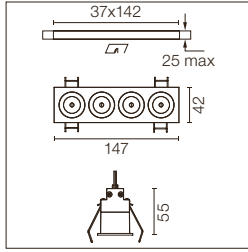
h(m)	Et(x)	D(m)
1	833	0.84
2	208	1.69
3	93	2.53
4	52	3.38
5	33	4.22

Luminous flux luminaire
452 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Fixed Trim 4 Spots

Light Source: Power LED 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Appareil encastré à 4 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included.

Cadre de pré-montage pas nécessaire.

Pre-installation frame not required.

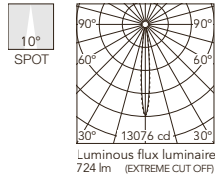
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

Optic Spot 2700K

E I 03.8829.40A
03.8829.14A

E I Dali Version
03.8829.40ADA
03.8829.14ADA

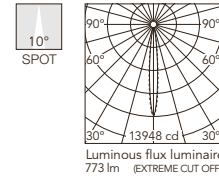


Beam Angle: 10°
h(m) E(lx) D(m)
1 13076 0.18
2 3269 0.36
3 1453 0.54
4 817 0.72
5 523 0.90

Optic Spot 3000K

E I 03.8833.40A
03.8833.14A

E I Dali Version
03.8833.40ADA
03.8833.14ADA

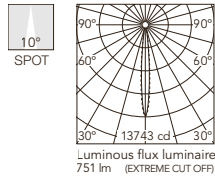


Beam Angle: 10°
h(m) E(lx) D(m)
1 13948 0.18
2 3487 0.36
3 1550 0.54
4 872 0.72
5 558 0.90

2700K

E I 03.8828.40A
03.8828.14A

E I Dali Version
03.8828.40ADA
03.8828.14ADA

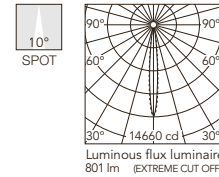


Beam Angle: 10°
h(m) E(lx) D(m)
1 13743 0.17
2 3436 0.35
3 1527 0.52
4 859 0.70
5 550 0.87

3000K

E I 03.8832.40A
03.8832.14A

E I Dali Version
03.8832.40ADA
03.8832.14ADA

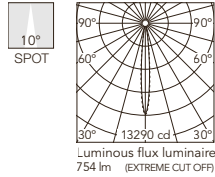


Beam Angle: 10°
h(m) E(lx) D(m)
1 14660 0.17
2 3665 0.35
3 1629 0.52
4 916 0.70
5 586 0.87

2700K

E I 03.8830.40A
03.8830.14A

E I Dali Version
03.8830.40ADA
03.8830.14ADA

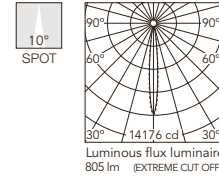


Beam Angle: 10°
h(m) E(lx) D(m)
1 13290 0.18
2 3322 0.36
3 1477 0.55
4 831 0.73
5 532 0.91

3000K

E I 03.8834.40A
03.8834.14A

E I Dali Version
03.8834.40ADA
03.8834.14ADA

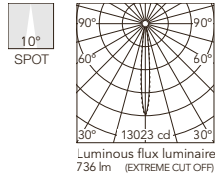


Beam Angle: 10°
h(m) E(lx) D(m)
1 14176 0.18
2 3544 0.36
3 1575 0.55
4 886 0.73
5 567 0.91

2700K

E I 03.8831.40A
03.8831.14A

E I Dali Version
03.8831.40ADA
03.8831.14ADA

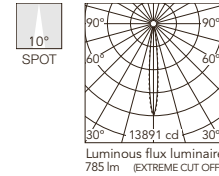


Beam Angle: 10°
h(m) E(lx) D(m)
1 13023 0.18
2 3256 0.36
3 1447 0.55
4 814 0.73
5 521 0.91

3000K

E I 03.8835.40A
03.8835.14A

E I Dali Version
03.8835.40ADA
03.8835.14ADA

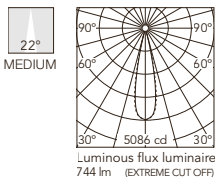


Beam Angle: 10°
h(m) E(lx) D(m)
1 13891 0.18
2 3473 0.36
3 1543 0.55
4 868 0.73
5 556 0.91

Optic Medium 2700K

E I 03.9121.40A
03.9121.14A

E I Dali Version
03.9121.40ADA
03.9121.14ADA

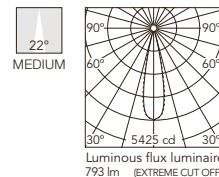


Beam Angle: 22°
h(m) E(lx) D(m)
1 5086 0.39
2 1272 0.78
3 565 1.17
4 318 1.56
5 203 1.95

Optic Medium 3000K

E I 03.9131.40A
03.9131.14A

E I Dali Version
03.9131.40ADA
03.9131.14ADA

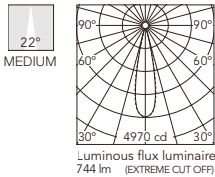


Beam Angle: 22°
h(m) E(lx) D(m)
1 5425 0.39
2 1356 0.78
3 603 1.17
4 339 1.56
5 217 1.95

2700K

E I 03.9120.40A
03.9120.14A

E I Dali Version
03.9120.40ADA
03.9120.14ADA

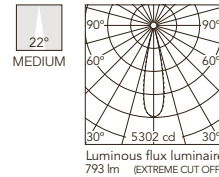


Beam Angle: 22°
h(m) E(lx) D(m)
1 4970 0.39
2 1243 0.78
3 552 1.17
4 311 1.56
5 199 1.95

3000K

E I 03.9130.40A
03.9130.14A

E I Dali Version
03.9130.40ADA
03.9130.14ADA

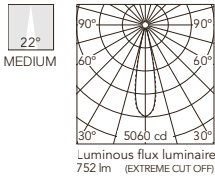


Beam Angle: 22°
h(m) E(lx) D(m)
1 5302 0.39
2 1325 0.78
3 589 1.17
4 331 1.56
5 212 1.95

2700K

E I 03.9122.40A
03.9122.14A

E I Dali Version
03.9122.40ADA
03.9122.14ADA

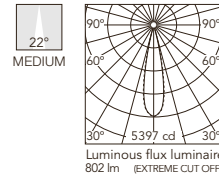


Beam Angle: 22°
h(m) E(lx) D(m)
1 5060 0.39
2 1265 0.77
3 562 1.16
4 316 1.55
5 202 1.94

3000K

E I 03.9132.40A
03.9132.14A

E I Dali Version
03.9132.40ADA
03.9132.14ADA

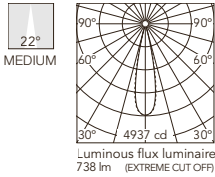


Beam Angle: 22°
h(m) E(lx) D(m)
1 5397 0.39
2 1349 0.77
3 600 1.16
4 337 1.55
5 216 1.94

2700K

E I 03.9123.40A
03.9123.14A

E I Dali Version
03.9123.40ADA
03.9123.14ADA

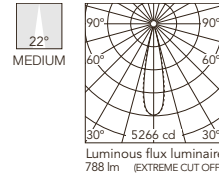


Beam Angle: 22°
h(m) E(lx) D(m)
1 4937 0.39
2 1234 0.78
3 549 1.17
4 309 1.56
5 197 1.95

3000K

E I 03.9133.40A
03.9133.14A

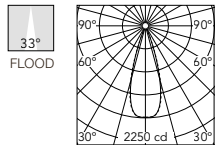
E I Dali Version
03.9133.40ADA
03.9133.14ADA



Beam Angle: 22°
h(m) E(lx) D(m)
1 5266 0.39
2 1316 0.78
3 585 1.17
4 329 1.56
5 211 1.95

LIGHT SHADOW

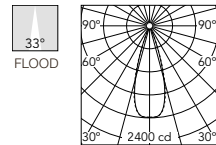
Optic Flood
2700K
 E I 03.9126.40A
 E I 03.9126.14A
 E I Dali Version
 03.9126.40ADA
 03.9126.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2250 0.60
 2 563 1.19
 3 250 1.79
 4 141 2.39
 5 90 2.99

Luminous flux luminaire
 720 lm (EXTREME CUT OFF)

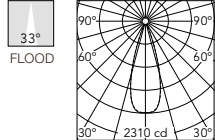
Optic Flood
3000K
 E I 03.9136.40A
 E I 03.9136.14A
 E I Dali Version
 03.9136.40ADA
 03.9136.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2400 0.60
 2 600 1.19
 3 267 1.79
 4 150 2.39
 5 96 2.99

Luminous flux luminaire
 768 lm (EXTREME CUT OFF)

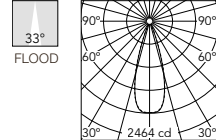
Optic Flood
2700K
 E I 03.9125.40A
 E I 03.9125.14A
 E I Dali Version
 03.9125.40ADA
 03.9125.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2310 0.59
 2 577 1.18
 3 257 1.78
 4 144 2.37
 5 92 2.96

Luminous flux luminaire
 741 lm (EXTREME CUT OFF)

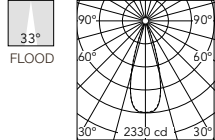
Optic Flood
3000K
 E I 03.9135.40A
 E I 03.9135.14A
 E I Dali Version
 03.9135.40ADA
 03.9135.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2464 0.59
 2 616 1.18
 3 274 1.78
 4 154 2.37
 5 99 2.96

Luminous flux luminaire
 790 lm (EXTREME CUT OFF)

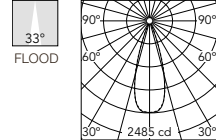
Optic Flood
2700K
 E I 03.9127.40A
 E I 03.9127.14A
 E I Dali Version
 03.9127.40ADA
 03.9127.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2330 0.60
 2 582 1.19
 3 259 1.79
 4 146 2.38
 5 93 2.98

Luminous flux luminaire
 752 lm (EXTREME CUT OFF)

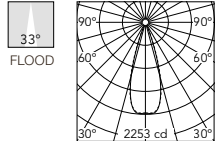
Optic Flood
3000K
 E I 03.9137.40A
 E I 03.9137.14A
 E I Dali Version
 03.9137.40ADA
 03.9137.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2485 0.60
 2 621 1.19
 3 276 1.79
 4 155 2.38
 5 99 2.98

Luminous flux luminaire
 803 lm (EXTREME CUT OFF)

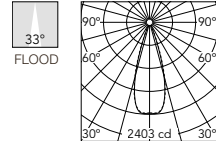
Optic Flood
2700K
 E I 03.9128.40A
 E I 03.9128.14A
 E I Dali Version
 03.9128.40ADA
 03.9128.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2253 0.60
 2 563 1.20
 3 250 1.79
 4 141 2.39
 5 90 2.99

Luminous flux luminaire
 732 lm (EXTREME CUT OFF)

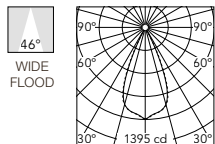
Optic Flood
3000K
 E I 03.9138.40A
 E I 03.9138.14A
 E I Dali Version
 03.9138.40ADA
 03.9138.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2403 0.60
 2 601 1.20
 3 267 1.79
 4 150 2.39
 5 96 2.99

Luminous flux luminaire
 781 lm (EXTREME CUT OFF)

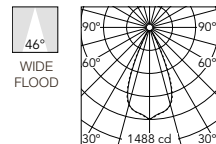
Optic Wide Flood
2700K
 E I 03.8309.40A
 E I 03.8309.14A
 E I Dali Version
 03.8309.40ADA
 03.8309.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 1395 0.84
 2 349 1.69
 3 155 2.53
 4 87 3.38
 5 56 4.22

Luminous flux luminaire
 735 lm (EXTREME CUT OFF)

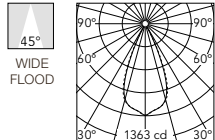
Optic Wide Flood
3000K
 E I 03.8313.40A
 E I 03.8313.14A
 E I Dali Version
 03.8313.40ADA
 03.8313.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 1488 0.84
 2 372 1.69
 3 165 2.53
 4 93 3.38
 5 60 4.22

Luminous flux luminaire
 784 lm (EXTREME CUT OFF)

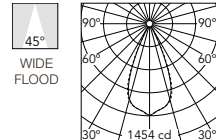
Optic Wide Flood
2700K
 E I 03.8308.40A
 E I 03.8308.14A
 E I Dali Version
 03.8308.40ADA
 03.8308.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 1363 0.83
 2 341 1.67
 3 151 2.50
 4 85 3.34
 5 55 4.17

Luminous flux luminaire
 731 lm (EXTREME CUT OFF)

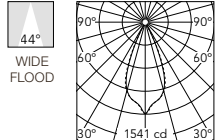
Optic Wide Flood
3000K
 E I 03.8312.40A
 E I 03.8312.14A
 E I Dali Version
 03.8312.40ADA
 03.8312.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 1454 0.83
 2 363 1.67
 3 162 2.50
 4 91 3.34
 5 58 4.17

Luminous flux luminaire
 780 lm (EXTREME CUT OFF)

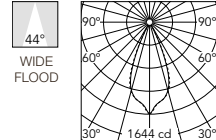
Optic Wide Flood
2700K
 E I 03.8310.40A
 E I 03.8310.14A
 E I Dali Version
 03.8310.40ADA
 03.8310.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 1541 0.80
 2 385 1.60
 3 171 2.40
 4 96 3.19
 5 62 3.99

Luminous flux luminaire
 739 lm (EXTREME CUT OFF)

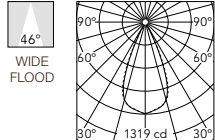
Optic Wide Flood
3000K
 E I 03.8314.40A
 E I 03.8314.14A
 E I Dali Version
 03.8314.40ADA
 03.8314.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 1644 0.80
 2 411 1.60
 3 183 2.40
 4 103 3.19
 5 66 3.99

Luminous flux luminaire
 789 lm (EXTREME CUT OFF)

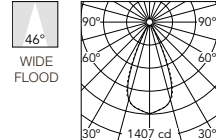
Optic Wide Flood
2700K
 E I 03.8311.40A
 E I 03.8311.14A
 E I Dali Version
 03.8311.40ADA
 03.8311.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 1319 0.84
 2 330 1.69
 3 147 2.53
 4 82 3.38
 5 53 4.22

Luminous flux luminaire
 716 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.8315.40A
 E I 03.8315.14A
 E I Dali Version
 03.8315.40ADA
 03.8315.14ADA



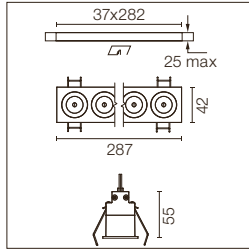
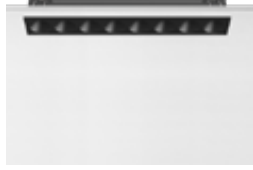
Beam Angle: 46°
 h(m) E(lx) D(m)
 1 1407 0.84
 2 352 1.69
 3 156 2.53
 4 88 3.38
 5 56 4.22

Luminous flux luminaire
 764 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Fixed Trim 8 Spots

Light Source: Power LED 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90



Appareil encastré à 8 spots LED.
Alimentation à distance comprise.

Cadre de pré-montage pas nécessaire.

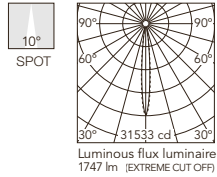
E = Finition Externe
I = Finition Interne

Recessed integrated luminaire with 8 LED lighting spots. Remote power supply included.

Pre-installation frame not required.

E= External Finish
I= Internal Finish

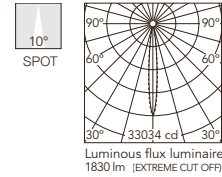
- Optic Spot 2700K**
- E I 03.8837.40A
 - 03.8837.14A
 - E I Dali Version
 - 03.8837.40ADA
 - 03.8837.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	31533	0.18
2	7883	0.36
3	3504	0.54
4	1971	0.72
5	1261	0.90

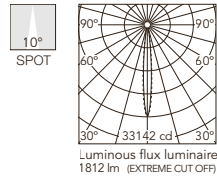
- Optic Spot 3000K**
- E I 03.8841.40A
 - 03.8841.14A
 - E I Dali Version
 - 03.8841.40ADA
 - 03.8841.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33034	0.18
2	8259	0.36
3	3670	0.54
4	2065	0.72
5	1321	0.90

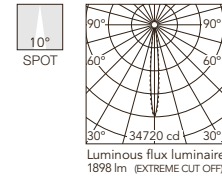
- 2700K**
- E I 03.8836.40A
 - 03.8836.14A
 - E I Dali Version
 - 03.8836.40ADA
 - 03.8836.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33142	0.17
2	8285	0.35
3	3682	0.52
4	2071	0.70
5	1326	0.87

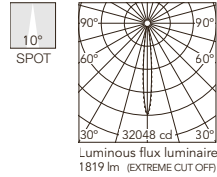
- 3000K**
- E I 03.8840.40A
 - 03.8840.14A
 - E I Dali Version
 - 03.8840.40ADA
 - 03.8840.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	34720	0.17
2	8680	0.35
3	3858	0.52
4	2170	0.70
5	1389	0.87

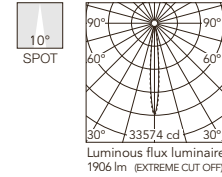
- 2700K**
- E I 03.8838.40A
 - 03.8838.14A
 - E I Dali Version
 - 03.8838.40ADA
 - 03.8838.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	32048	0.18
2	8012	0.36
3	3561	0.55
4	2003	0.73
5	1282	0.91

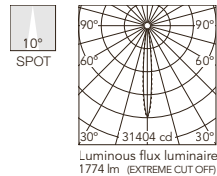
- 3000K**
- E I 03.8842.40A
 - 03.8842.14A
 - E I Dali Version
 - 03.8842.40ADA
 - 03.8842.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33574	0.18
2	8394	0.36
3	3730	0.55
4	2098	0.73
5	1343	0.91

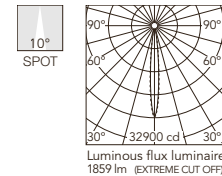
- 2700K**
- E I 03.8839.40A
 - 03.8839.14A
 - E I Dali Version
 - 03.8839.40ADA
 - 03.8839.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	31404	0.18
2	7851	0.36
3	3489	0.55
4	1963	0.73
5	1256	0.91

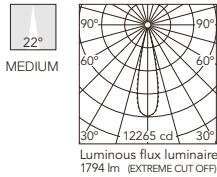
- 3000K**
- E I 03.8843.40A
 - 03.8843.14A
 - E I Dali Version
 - 03.8843.40ADA
 - 03.8843.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	32900	0.18
2	8225	0.36
3	3656	0.55
4	2056	0.73
5	1316	0.91

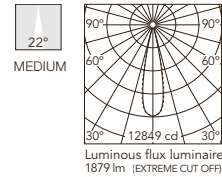
- Optic Medium 2700K**
- E I 03.9141.40A
 - 03.9141.14A
 - E I Dali Version
 - 03.9141.40ADA
 - 03.9141.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12265	0.39
2	3066	0.78
3	1363	1.17
4	767	1.56
5	491	1.95

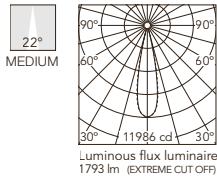
- Optic Medium 3000K**
- E I 03.9151.40A
 - 03.9151.14A
 - E I Dali Version
 - 03.9151.40ADA
 - 03.9151.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12556	0.39
2	3212	0.78
3	1428	1.17
4	803	1.56
5	514	1.95

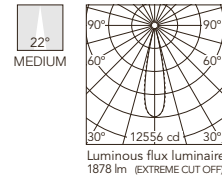
- 2700K**
- E I 03.9140.40A
 - 03.9140.14A
 - E I Dali Version
 - 03.9140.40ADA
 - 03.9140.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	11986	0.39
2	2996	0.78
3	1332	1.17
4	749	1.56
5	479	1.95

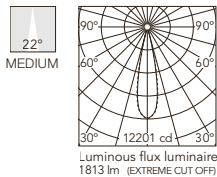
- 3000K**
- E I 03.9150.40A
 - 03.9150.14A
 - E I Dali Version
 - 03.9150.40ADA
 - 03.9150.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12556	0.39
2	3139	0.78
3	1395	1.17
4	785	1.56
5	502	1.95

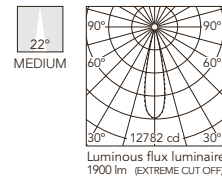
- 2700K**
- E I 03.9142.40A
 - 03.9142.14A
 - E I Dali Version
 - 03.9142.40ADA
 - 03.9142.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12201	0.39
2	3050	0.77
3	1356	1.16
4	763	1.55
5	488	1.94

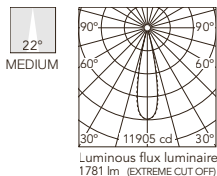
- 3000K**
- E I 03.9152.40A
 - 03.9152.14A
 - E I Dali Version
 - 03.9152.40ADA
 - 03.9152.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12782	0.39
2	3196	0.77
3	1420	1.16
4	799	1.55
5	511	1.94

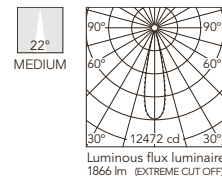
- 2700K**
- E I 03.9143.40A
 - 03.9143.14A
 - E I Dali Version
 - 03.9143.40ADA
 - 03.9143.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	11905	0.39
2	2976	0.78
3	1323	1.17
4	744	1.56
5	476	1.95

- 3000K**
- E I 03.9153.40A
 - 03.9153.14A
 - E I Dali Version
 - 03.9153.40ADA
 - 03.9153.14ADA



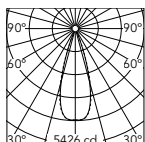
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12472	0.39
2	3118	0.78
3	1386	1.17
4	779	1.56
5	499	1.95

LIGHT SHADOW

Optic Flood

- 2700K**
- 03.9146.40A
 - 03.9146.14A
 - Dali Version
 - 03.9146.40ADA
 - 03.9146.14ADA



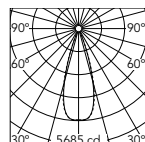
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	5426	0.60
2	1357	1.19
3	603	1.79
4	339	2.39
5	217	2.99

Luminous flux luminaire
1735 lm (EXTREME CUT OFF)

Optic Flood

- 3000K**
- 03.9156.40A
 - 03.9156.14A
 - Dali Version
 - 03.9156.40ADA
 - 03.9156.14ADA

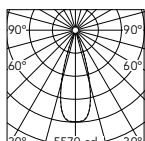


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	5685	0.60
2	1421	1.19
3	632	1.79
4	355	2.39
5	227	2.99

Luminous flux luminaire
1818 lm (EXTREME CUT OFF)

- 2700K**
- 03.9145.40A
 - 03.9145.14A
 - Dali Version
 - 03.9145.40ADA
 - 03.9145.14ADA

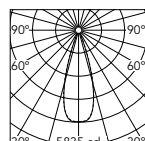


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	5570	0.59
2	1392	1.18
3	619	1.78
4	348	2.37
5	223	2.96

Luminous flux luminaire
1787 lm (EXTREME CUT OFF)

- 3000K**
- 03.9155.40A
 - 03.9155.14A
 - Dali Version
 - 03.9155.40ADA
 - 03.9155.14ADA

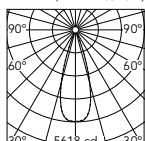


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	5835	0.59
2	1459	1.18
3	648	1.78
4	365	2.37
5	233	2.96

Luminous flux luminaire
1872 lm (EXTREME CUT OFF)

- 2700K**
- 03.9147.40A
 - 03.9147.14A
 - Dali Version
 - 03.9147.40ADA
 - 03.9147.14ADA

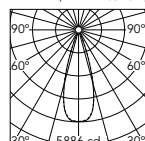


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	5618	0.60
2	1405	1.19
3	624	1.79
4	351	2.38
5	225	2.98

Luminous flux luminaire
1814 lm (EXTREME CUT OFF)

- 3000K**
- 03.9157.40A
 - 03.9157.14A
 - Dali Version
 - 03.9157.40ADA
 - 03.9157.14ADA

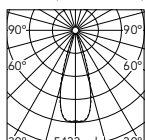


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	5886	0.60
2	1472	1.19
3	654	1.79
4	368	2.38
5	235	2.98

Luminous flux luminaire
1901 lm (EXTREME CUT OFF)

- 2700K**
- 03.9148.40A
 - 03.9148.14A
 - Dali Version
 - 03.9148.40ADA
 - 03.9148.14ADA

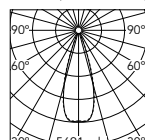


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	5433	0.60
2	1358	1.20
3	604	1.79
4	340	2.39
5	217	2.99

Luminous flux luminaire
1765 lm (EXTREME CUT OFF)

- 3000K**
- 03.9158.40A
 - 03.9158.14A
 - Dali Version
 - 03.9158.40ADA
 - 03.9158.14ADA



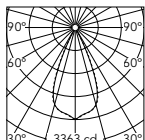
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	5691	0.60
2	1423	1.20
3	632	1.79
4	356	2.39
5	228	2.99

Luminous flux luminaire
1850 lm (EXTREME CUT OFF)

Optic Wide Flood

- 2700K**
- 03.8317.40A
 - 03.8317.14A
 - Dali Version
 - 03.8317.40ADA
 - 03.8317.14ADA



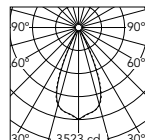
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	3363	0.84
2	841	1.69
3	374	2.53
4	210	3.38
5	135	4.22

Luminous flux luminaire
1773 lm (EXTREME CUT OFF)

Optic Wide Flood

- 3000K**
- 03.8321.40A
 - 03.8321.14A
 - Dali Version
 - 03.8321.40ADA
 - 03.8321.14ADA

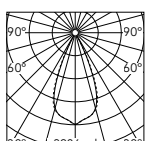


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	3523	0.84
2	881	1.69
3	391	2.53
4	220	3.38
5	141	4.22

Luminous flux luminaire
1858 lm (EXTREME CUT OFF)

- 2700K**
- 03.8316.40A
 - 03.8316.14A
 - Dali Version
 - 03.8316.40ADA
 - 03.8316.14ADA

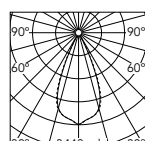


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	3286	0.83
2	822	1.67
3	365	2.50
4	205	3.34
5	131	4.17

Luminous flux luminaire
1763 lm (EXTREME CUT OFF)

- 3000K**
- 03.8320.40A
 - 03.8320.14A
 - Dali Version
 - 03.8320.40ADA
 - 03.8320.14ADA

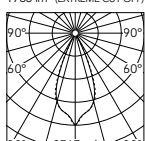


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	3443	0.83
2	861	1.67
3	383	2.50
4	215	3.34
5	138	4.17

Luminous flux luminaire
1847 lm (EXTREME CUT OFF)

- 2700K**
- 03.8318.40A
 - 03.8318.14A
 - Dali Version
 - 03.8318.40ADA
 - 03.8318.14ADA

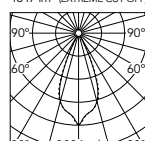


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	3717	0.80
2	929	1.60
3	413	2.40
4	232	3.19
5	149	3.99

Luminous flux luminaire
1783 lm (EXTREME CUT OFF)

- 3000K**
- 03.8322.40A
 - 03.8322.14A
 - Dali Version
 - 03.8322.40ADA
 - 03.8322.14ADA

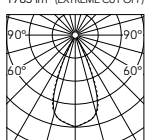


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	3894	0.80
2	973	1.60
3	433	2.40
4	243	3.19
5	156	3.99

Luminous flux luminaire
1868 lm (EXTREME CUT OFF)

- 2700K**
- 03.8319.40A
 - 03.8319.14A
 - Dali Version
 - 03.8319.40ADA
 - 03.8319.14ADA

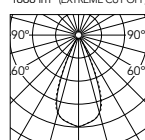


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	3181	0.84
2	795	1.69
3	353	2.53
4	199	3.38
5	127	4.22

Luminous flux luminaire
1727 lm (EXTREME CUT OFF)

- 3000K**
- 03.8323.40A
 - 03.8323.14A
 - Dali Version
 - 03.8323.40ADA
 - 03.8323.14ADA



Beam Angle: 46°

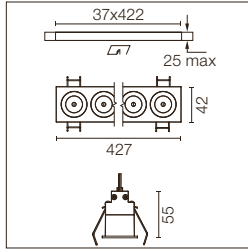
h(m)	E(lx)	D(m)
1	3333	0.84
2	833	1.69
3	370	2.53
4	208	3.38
5	133	4.22

Luminous flux luminaire
1809 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Fixed Trim 12 Spots

Light Source: Power LED 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90



Appareil encastré à 12 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire
with 12 LED lighting spots. Remote
power supply included.

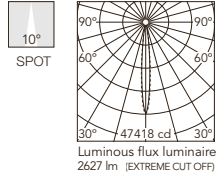
Cadre de pré-montage pas
nécessaire.

Pre-installation frame not required.

E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

- Optic Spot 2700K**
- E I 03.8845.40A
 - 03.8845.14A
 - E I Dali Version
 - 03.8845.40ADA
 - 03.8845.14ADA

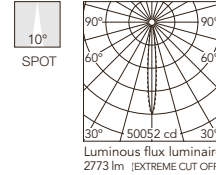


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	47418	0.18
2	11854	0.36
3	5269	0.54
4	2964	0.72
5	1897	0.90

Luminous flux luminaire
2627 lm (EXTREME CUT OFF)

- Optic Spot 3000K**
- E I 03.8849.40A
 - 03.8849.14A
 - E I Dali Version
 - 03.8849.40ADA
 - 03.8849.14ADA

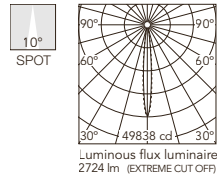


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	50052	0.18
2	12513	0.36
3	5561	0.54
4	3128	0.72
5	2002	0.90

Luminous flux luminaire
2773 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.8844.40A
 - 03.8844.14A
 - E I Dali Version
 - 03.8844.40ADA
 - 03.8844.14ADA

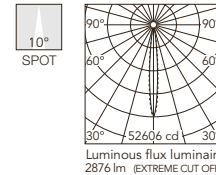


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	49838	0.17
2	12459	0.35
3	5538	0.52
4	3115	0.70
5	1994	0.87

Luminous flux luminaire
2724 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.8848.40A
 - 03.8848.14A
 - E I Dali Version
 - 03.8848.40ADA
 - 03.8848.14ADA

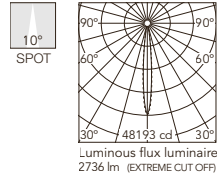


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	52606	0.17
2	13152	0.35
3	5845	0.52
4	3288	0.70
5	2104	0.87

Luminous flux luminaire
2876 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.8846.40A
 - 03.8846.14A
 - E I Dali Version
 - 03.8846.40ADA
 - 03.8846.14ADA

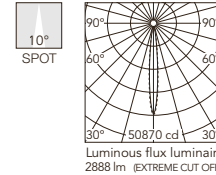


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	48193	0.18
2	12048	0.36
3	5355	0.55
4	3012	0.73
5	1928	0.91

Luminous flux luminaire
2736 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.8850.40A
 - 03.8850.14A
 - E I Dali Version
 - 03.8850.40ADA
 - 03.8850.14ADA

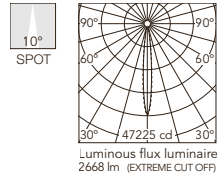


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	50870	0.18
2	12718	0.36
3	5652	0.55
4	3179	0.73
5	2035	0.91

Luminous flux luminaire
2888 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.8847.40A
 - 03.8847.14A
 - E I Dali Version
 - 03.8847.40ADA
 - 03.8847.14ADA

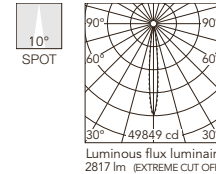


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	47225	0.18
2	11806	0.36
3	5247	0.55
4	2952	0.73
5	1889	0.91

Luminous flux luminaire
2668 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.8851.40A
 - 03.8851.14A
 - E I Dali Version
 - 03.8851.40ADA
 - 03.8851.14ADA

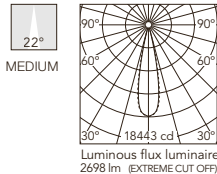


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	49849	0.18
2	12462	0.36
3	5539	0.55
4	3116	0.73
5	1994	0.91

Luminous flux luminaire
2817 lm (EXTREME CUT OFF)

- Optic Medium 2700K**
- E I 03.9161.40A
 - 03.9161.14A
 - E I Dali Version
 - 03.9161.40ADA
 - 03.9161.14ADA

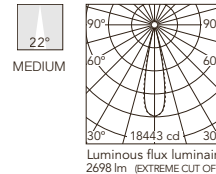


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	18443	0.39
2	4611	0.78
3	2049	1.17
4	1153	1.56
5	738	1.95

Luminous flux luminaire
2698 lm (EXTREME CUT OFF)

- Optic Medium 3000K**
- E I 03.9171.40A
 - 03.9171.14A
 - E I Dali Version
 - 03.9171.40ADA
 - 03.9171.14ADA

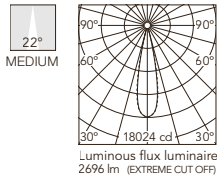


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	18443	0.39
2	4611	0.78
3	2049	1.17
4	1153	1.56
5	738	1.95

Luminous flux luminaire
2698 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.9160.40A
 - 03.9160.14A
 - E I Dali Version
 - 03.9160.40ADA
 - 03.9160.14ADA

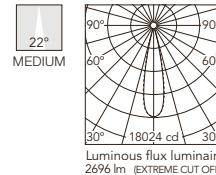


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	18024	0.39
2	4506	0.78
3	2003	1.17
4	1126	1.56
5	721	1.95

Luminous flux luminaire
2696 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.9170.40A
 - 03.9170.14A
 - E I Dali Version
 - 03.9170.40ADA
 - 03.9170.14ADA

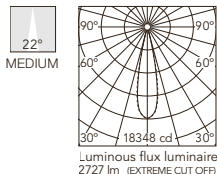


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	18024	0.39
2	4506	0.78
3	2003	1.17
4	1126	1.56
5	721	1.95

Luminous flux luminaire
2696 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.9162.40A
 - 03.9162.14A
 - E I Dali Version
 - 03.9162.40ADA
 - 03.9162.14ADA

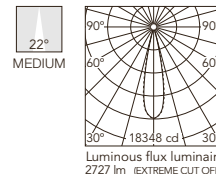


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	18348	0.39
2	4587	0.77
3	2039	1.16
4	1147	1.55
5	734	1.94

Luminous flux luminaire
2727 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.9172.40A
 - 03.9172.14A
 - E I Dali Version
 - 03.9172.40ADA
 - 03.9172.14ADA

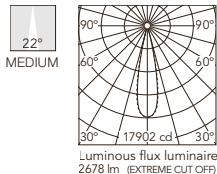


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	18348	0.39
2	4587	0.77
3	2039	1.16
4	1147	1.55
5	734	1.94

Luminous flux luminaire
2727 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.9163.40A
 - 03.9163.14A
 - E I Dali Version
 - 03.9163.40ADA
 - 03.9163.14ADA

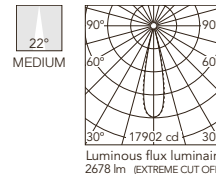


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	17902	0.39
2	4476	0.78
3	1989	1.17
4	1119	1.56
5	716	1.95

Luminous flux luminaire
2678 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.9173.40A
 - 03.9173.14A
 - E I Dali Version
 - 03.9173.40ADA
 - 03.9173.14ADA



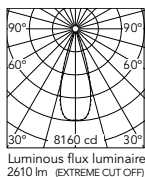
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	17902	0.39
2	4476	0.78
3	1989	1.17
4	1119	1.56
5	716	1.95

Luminous flux luminaire
2678 lm (EXTREME CUT OFF)

LIGHT SHADOW

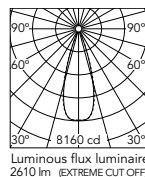
Optic Flood
2700K
 E I 03.9166.40A
 03.9166.14A
 E I Dali Version
 03.9166.40ADA
 03.9166.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 8160 0.60
 2 2040 1.19
 3 907 1.79
 4 510 2.39
 5 326 2.99

Luminous flux luminaire
 2610 lm (EXTREME CUT OFF)

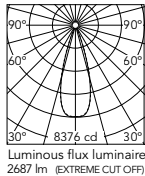
Optic Flood
3000K
 E I 03.9176.40A
 03.9176.14A
 E I Dali Version
 03.9176.40ADA
 03.9176.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 8160 0.60
 2 2040 1.19
 3 907 1.79
 4 510 2.39
 5 326 2.99

Luminous flux luminaire
 2610 lm (EXTREME CUT OFF)

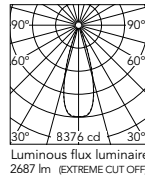
Optic Flood
2700K
 E I 03.9165.40A
 03.9165.14A
 E I Dali Version
 03.9165.40ADA
 03.9165.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 8376 0.59
 2 2094 1.18
 3 931 1.78
 4 523 2.37
 5 335 2.96

Luminous flux luminaire
 2687 lm (EXTREME CUT OFF)

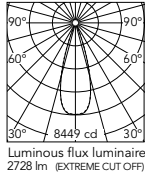
Optic Flood
3000K
 E I 03.9175.40A
 03.9175.14A
 E I Dali Version
 03.9175.40ADA
 03.9175.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 8376 0.59
 2 2094 1.18
 3 931 1.78
 4 523 2.37
 5 335 2.96

Luminous flux luminaire
 2687 lm (EXTREME CUT OFF)

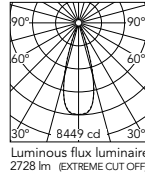
Optic Flood
2700K
 E I 03.9167.40A
 03.9167.14A
 E I Dali Version
 03.9167.40ADA
 03.9167.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 8449 0.60
 2 2112 1.19
 3 939 1.79
 4 528 2.38
 5 338 2.98

Luminous flux luminaire
 2728 lm (EXTREME CUT OFF)

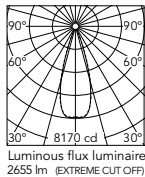
Optic Flood
3000K
 E I 03.9177.40A
 03.9177.14A
 E I Dali Version
 03.9177.40ADA
 03.9177.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 8449 0.60
 2 2112 1.19
 3 939 1.79
 4 528 2.38
 5 338 2.98

Luminous flux luminaire
 2728 lm (EXTREME CUT OFF)

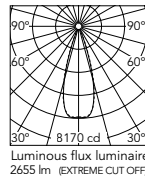
Optic Flood
2700K
 E I 03.9168.40A
 03.9168.14A
 E I Dali Version
 03.9168.40ADA
 03.9168.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 8170 0.60
 2 2042 1.20
 3 908 1.79
 4 511 2.39
 5 327 2.99

Luminous flux luminaire
 2655 lm (EXTREME CUT OFF)

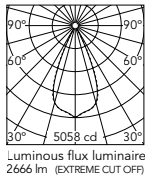
Optic Flood
3000K
 E I 03.9178.40A
 03.9178.14A
 E I Dali Version
 03.9178.40ADA
 03.9178.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 8170 0.60
 2 2042 1.20
 3 908 1.79
 4 511 2.39
 5 327 2.99

Luminous flux luminaire
 2655 lm (EXTREME CUT OFF)

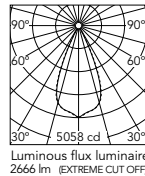
Optic Wide Flood
2700K
 E I 03.8325.40A
 03.8325.14A
 E I Dali Version
 03.8325.40ADA
 03.8325.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 5058 0.84
 2 1264 1.69
 3 562 2.53
 4 316 3.38
 5 202 4.22

Luminous flux luminaire
 2666 lm (EXTREME CUT OFF)

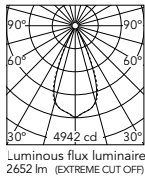
Optic Wide Flood
3000K
 E I 03.8329.40A
 03.8329.14A
 E I Dali Version
 03.8329.40ADA
 03.8329.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 5058 0.84
 2 1264 1.69
 3 562 2.53
 4 316 3.38
 5 202 4.22

Luminous flux luminaire
 2666 lm (EXTREME CUT OFF)

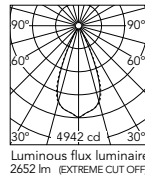
Optic Wide Flood
2700K
 E I 03.8324.40A
 03.8324.14A
 E I Dali Version
 03.8324.40ADA
 03.8324.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 4942 0.83
 2 1235 1.67
 3 549 2.50
 4 309 3.34
 5 198 4.17

Luminous flux luminaire
 2652 lm (EXTREME CUT OFF)

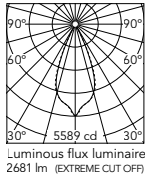
Optic Wide Flood
3000K
 E I 03.8328.40A
 03.8328.14A
 E I Dali Version
 03.8328.40ADA
 03.8328.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 4942 0.83
 2 1235 1.67
 3 549 2.50
 4 309 3.34
 5 198 4.17

Luminous flux luminaire
 2652 lm (EXTREME CUT OFF)

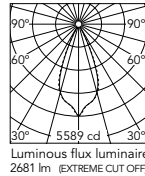
Optic Wide Flood
2700K
 E I 03.8326.40A
 03.8326.14A
 E I Dali Version
 03.8326.40ADA
 03.8326.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 5589 0.80
 2 1397 1.60
 3 621 2.40
 4 349 3.19
 5 224 3.99

Luminous flux luminaire
 2681 lm (EXTREME CUT OFF)

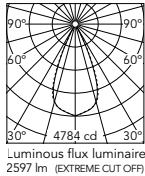
Optic Wide Flood
3000K
 E I 03.8330.40A
 03.8330.14A
 E I Dali Version
 03.8330.40ADA
 03.8330.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 5589 0.80
 2 1397 1.60
 3 621 2.40
 4 349 3.19
 5 224 3.99

Luminous flux luminaire
 2681 lm (EXTREME CUT OFF)

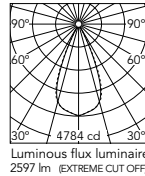
Optic Wide Flood
2700K
 E I 03.8327.40A
 03.8327.14A
 E I Dali Version
 03.8327.40ADA
 03.8327.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 4784 0.84
 2 1196 1.69
 3 532 2.53
 4 299 3.38
 5 191 4.22

Luminous flux luminaire
 2597 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.8331.40A
 03.8331.14A
 E I Dali Version
 03.8331.40ADA
 03.8331.14ADA



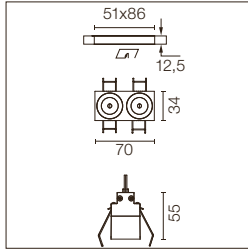
Beam Angle: 46°
 h(m) E(lx) D(m)
 1 4784 0.84
 2 1196 1.69
 3 532 2.53
 4 299 3.38
 5 191 4.22

Luminous flux luminaire
 2597 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Fixed No Trim 2 Spots

Light Source: Power LED 5,4W - 540 lm - 2700K/CRI 90 / 5,4W - 570 lm - 3000K/CRI 90



Appareil encastré à 2 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire with
2 LED lighting spots. Remote power
supply included.

Cadre de pré-montage nécessaire;
à commander séparément.

It requires a pre-installation frame,
to be ordered separately.

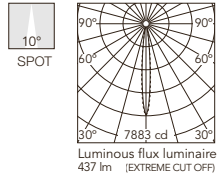
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

Optic Spot 2700K

E I 03.8853.40A
03.8853.14A

E I Dali Version
03.8853.40ADA
03.8853.14ADA



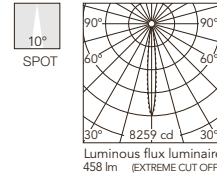
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	7883	0.18
2	1971	0.36
3	876	0.54
4	493	0.72
5	315	0.90

Optic Spot 3000K

E I 03.8857.40A
03.8857.14A

E I Dali Version
03.8857.40ADA
03.8857.14ADA



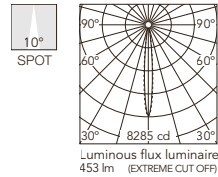
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8259	0.18
2	2065	0.36
3	918	0.54
4	516	0.72
5	330	0.90

2700K

E I 03.8852.40A
03.8852.14A

E I Dali Version
03.8852.40ADA
03.8852.14ADA



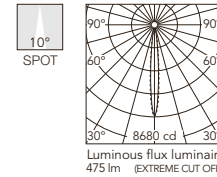
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8285	0.17
2	2071	0.35
3	921	0.52
4	518	0.70
5	331	0.87

3000K

E I 03.8856.40A
03.8856.14A

E I Dali Version
03.8856.40ADA
03.8856.14ADA



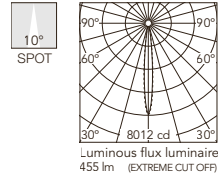
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8680	0.17
2	2170	0.35
3	964	0.52
4	542	0.70
5	347	0.87

2700K

E I 03.8854.40A
03.8854.14A

E I Dali Version
03.8854.40ADA
03.8854.14ADA



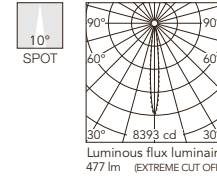
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8012	0.18
2	2003	0.36
3	890	0.55
4	501	0.73
5	320	0.91

3000K

E I 03.8858.40A
03.8858.14A

E I Dali Version
03.8858.40ADA
03.8858.14ADA



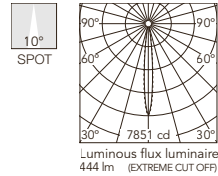
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8393	0.18
2	2098	0.36
3	933	0.55
4	525	0.73
5	336	0.91

2700K

E I 03.8855.40A
03.8855.14A

E I Dali Version
03.8855.40ADA
03.8855.14ADA



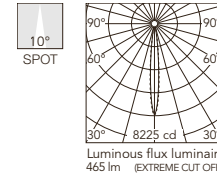
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	7851	0.18
2	1963	0.36
3	872	0.55
4	491	0.73
5	314	0.91

3000K

E I 03.8859.40A
03.8859.14A

E I Dali Version
03.8859.40ADA
03.8859.14ADA



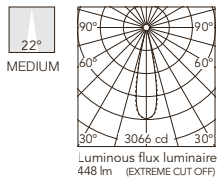
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	8225	0.18
2	2056	0.36
3	914	0.55
4	514	0.73
5	329	0.91

Optic Medium 2700K

E I 03.9201.40A
03.9201.14A

E I Dali Version
03.9201.40ADA
03.9201.14ADA



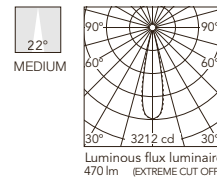
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3066	0.39
2	767	0.78
3	341	1.17
4	192	1.56
5	123	1.95

Optic Medium 3000K

E I 03.9211.40A
03.9211.14A

E I Dali Version
03.9211.40ADA
03.9211.14ADA



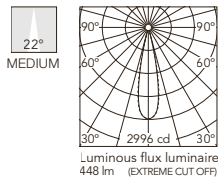
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3212	0.39
2	803	0.78
3	357	1.17
4	201	1.56
5	128	1.95

2700K

E I 03.9200.40A
03.9200.14A

E I Dali Version
03.9200.40ADA
03.9200.14ADA



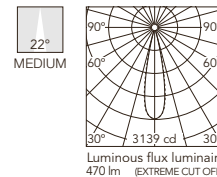
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2996	0.39
2	749	0.78
3	333	1.17
4	187	1.56
5	120	1.95

3000K

E I 03.9210.40A
03.9210.14A

E I Dali Version
03.9210.40ADA
03.9210.14ADA



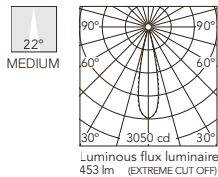
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3139	0.39
2	785	0.78
3	349	1.17
4	196	1.56
5	126	1.95

2700K

E I 03.9202.40A
03.9202.14A

E I Dali Version
03.9202.40ADA
03.9202.14ADA



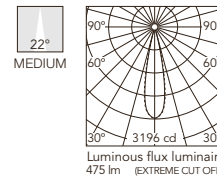
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3050	0.39
2	763	0.77
3	339	1.16
4	191	1.55
5	122	1.94

3000K

E I 03.9212.40A
03.9212.14A

E I Dali Version
03.9212.40ADA
03.9212.14ADA



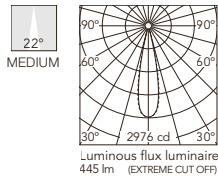
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3196	0.39
2	799	0.77
3	355	1.16
4	200	1.55
5	128	1.94

2700K

E I 03.9203.40A
03.9203.14A

E I Dali Version
03.9203.40ADA
03.9203.14ADA



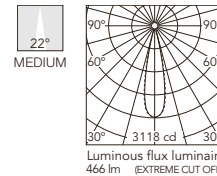
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2976	0.39
2	744	0.78
3	331	1.17
4	186	1.56
5	119	1.95

3000K

E I 03.9213.40A
03.9213.14A

E I Dali Version
03.9213.40ADA
03.9213.14ADA

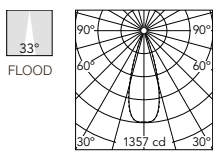


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3118	0.39
2	779	0.78
3	346	1.17
4	195	1.56
5	125	1.95

LIGHT SHADOW

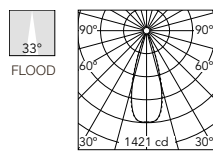
Optic Flood
2700K
 E I 03.9206.40A
 E I 03.9206.14A
 E I Dali Version
 E I 03.9206.40ADA
 E I 03.9206.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1357 0.60
 2 339 1.19
 3 151 1.79
 4 85 2.39
 5 54 2.99

Luminous flux luminaire
 434 lm (EXTREME CUT OFF)

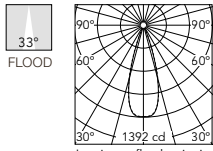
Optic Flood
3000K
 E I 03.9216.40A
 E I 03.9216.14A
 E I Dali Version
 E I 03.9216.40ADA
 E I 03.9216.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1421 0.60
 2 355 1.19
 3 158 1.79
 4 89 2.39
 5 57 2.99

Luminous flux luminaire
 455 lm (EXTREME CUT OFF)

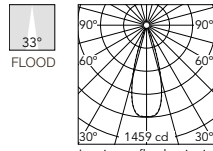
Optic Flood
2700K
 E I 03.9205.40A
 E I 03.9205.14A
 E I Dali Version
 E I 03.9205.40ADA
 E I 03.9205.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1392 0.59
 2 348 1.18
 3 155 1.78
 4 87 2.37
 5 56 2.96

Luminous flux luminaire
 447 lm (EXTREME CUT OFF)

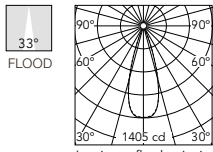
Optic Flood
3000K
 E I 03.9215.40A
 E I 03.9215.14A
 E I Dali Version
 E I 03.9215.40ADA
 E I 03.9215.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1459 0.59
 2 365 1.18
 3 162 1.78
 4 91 2.37
 5 58 2.96

Luminous flux luminaire
 468 lm (EXTREME CUT OFF)

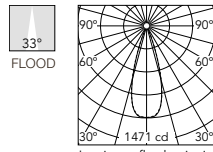
Optic Flood
2700K
 E I 03.9207.40A
 E I 03.9207.14A
 E I Dali Version
 E I 03.9207.40ADA
 E I 03.9207.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1405 0.60
 2 351 1.19
 3 156 1.79
 4 88 2.38
 5 56 2.98

Luminous flux luminaire
 454 lm (EXTREME CUT OFF)

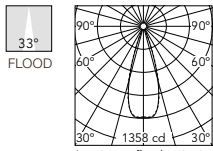
Optic Flood
3000K
 E I 03.9217.40A
 E I 03.9217.14A
 E I Dali Version
 E I 03.9217.40ADA
 E I 03.9217.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1471 0.60
 2 368 1.19
 3 163 1.79
 4 92 2.38
 5 59 2.98

Luminous flux luminaire
 475 lm (EXTREME CUT OFF)

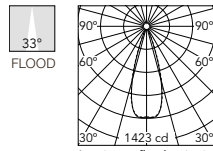
Optic Flood
2700K
 E I 03.9208.40A
 E I 03.9208.14A
 E I Dali Version
 E I 03.9208.40ADA
 E I 03.9208.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1358 0.60
 2 340 1.20
 3 151 1.79
 4 85 2.39
 5 54 2.99

Luminous flux luminaire
 441 lm (EXTREME CUT OFF)

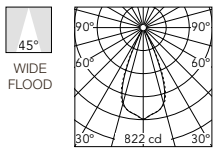
Optic Flood
3000K
 E I 03.9218.40A
 E I 03.9218.14A
 E I Dali Version
 E I 03.9218.40ADA
 E I 03.9218.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1423 0.60
 2 356 1.20
 3 158 1.79
 4 89 2.39
 5 57 2.99

Luminous flux luminaire
 462 lm (EXTREME CUT OFF)

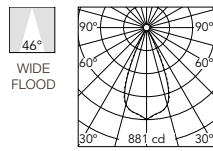
Optic Wide Flood
2700K
 E I 03.8351.40A
 E I 03.8351.14A
 E I Dali Version
 E I 03.8351.40ADA
 E I 03.8351.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 822 0.83
 2 205 1.67
 3 91 2.50
 4 51 3.34
 5 33 4.17

Luminous flux luminaire
 441 lm (EXTREME CUT OFF)

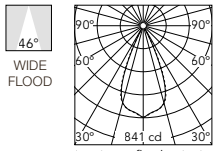
Optic Wide Flood
3000K
 E I 03.8355.40A
 E I 03.8355.14A
 E I Dali Version
 E I 03.8355.40ADA
 E I 03.8355.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 881 0.84
 2 220 1.69
 3 98 2.53
 4 55 3.38
 5 35 4.22

Luminous flux luminaire
 464 lm (EXTREME CUT OFF)

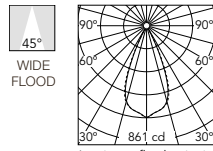
Optic Wide Flood
2700K
 E I 03.8350.40A
 E I 03.8350.14A
 E I Dali Version
 E I 03.8350.40ADA
 E I 03.8350.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 841 0.84
 2 210 1.69
 3 93 2.53
 4 53 3.38
 5 34 4.22

Luminous flux luminaire
 443 lm (EXTREME CUT OFF)

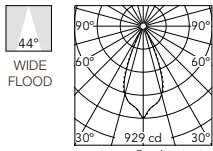
Optic Wide Flood
3000K
 E I 03.8354.40A
 E I 03.8354.14A
 E I Dali Version
 E I 03.8354.40ADA
 E I 03.8354.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 861 0.83
 2 215 1.67
 3 96 2.50
 4 54 3.34
 5 34 4.17

Luminous flux luminaire
 462 lm (EXTREME CUT OFF)

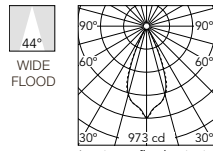
Optic Wide Flood
2700K
 E I 03.8352.40A
 E I 03.8352.14A
 E I Dali Version
 E I 03.8352.40ADA
 E I 03.8352.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 929 0.80
 2 232 1.60
 3 103 2.40
 4 58 3.19
 5 37 3.99

Luminous flux luminaire
 446 lm (EXTREME CUT OFF)

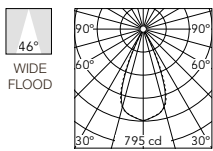
Optic Wide Flood
3000K
 E I 03.8356.40A
 E I 03.8356.14A
 E I Dali Version
 E I 03.8356.40ADA
 E I 03.8356.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 973 0.80
 2 243 1.60
 3 108 2.40
 4 61 3.19
 5 39 3.99

Luminous flux luminaire
 467 lm (EXTREME CUT OFF)

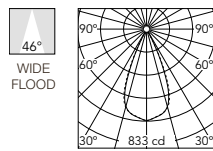
Optic Wide Flood
2700K
 E I 03.8353.40A
 E I 03.8353.14A
 E I Dali Version
 E I 03.8353.40ADA
 E I 03.8353.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 795 0.84
 2 199 1.69
 3 88 2.53
 4 50 3.38
 5 32 4.22

Luminous flux luminaire
 432 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.8357.40A
 E I 03.8357.14A
 E I Dali Version
 E I 03.8357.40ADA
 E I 03.8357.14ADA



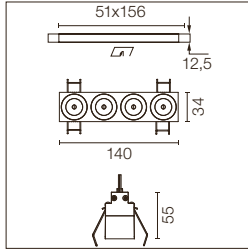
Beam Angle: 46°
 h(m) E(lx) D(m)
 1 833 0.84
 2 208 1.69
 3 93 2.53
 4 52 3.38
 5 33 4.22

Luminous flux luminaire
 452 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Fixed No Trim 4 Spots

Light Source: Power LED 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Appareil encastré à 4 spots LED.
Alimentation à distance comprise.
Cadre d'installation nécessaire; à commander séparément.

Cadre de pré-montage à commander séparément.

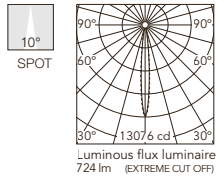
E = Finition Externe
I = Finition Interne

Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included.

It requires a pre-installation frame, to be ordered separately.

E= External Finish
I= Internal Finish.

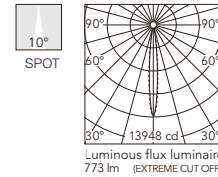
- Optic Spot 2700K**
- E I 03.8861.40A
 - 03.8861.14A
 - E I Dali Version
 - 03.8861.40ADA
 - 03.8861.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13076	0.18
2	3269	0.36
3	1453	0.54
4	817	0.72
5	523	0.90

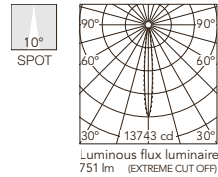
- Optic Spot 3000K**
- E I 03.8865.40A
 - 03.8865.14A
 - E I Dali Version
 - 03.8865.40ADA
 - 03.8865.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13948	0.18
2	3487	0.36
3	1550	0.54
4	872	0.72
5	558	0.90

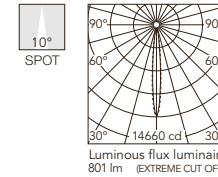
- 2700K**
- E I 03.8860.40A
 - 03.8860.14A
 - E I Dali Version
 - 03.8860.40ADA
 - 03.8860.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13743	0.17
2	3436	0.35
3	1527	0.52
4	859	0.70
5	550	0.87

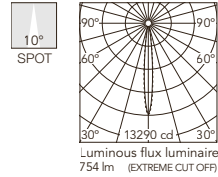
- 3000K**
- E I 03.8864.40A
 - 03.8864.14A
 - E I Dali Version
 - 03.8864.40ADA
 - 03.8864.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	14660	0.17
2	3665	0.35
3	1629	0.52
4	916	0.70
5	586	0.87

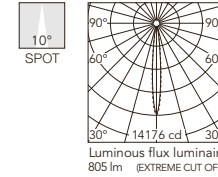
- 2700K**
- E I 03.8862.40A
 - 03.8862.14A
 - E I Dali Version
 - 03.8862.40ADA
 - 03.8862.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13290	0.18
2	3322	0.36
3	1477	0.55
4	831	0.73
5	532	0.91

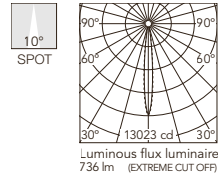
- 3000K**
- E I 03.8866.40A
 - 03.8866.14A
 - E I Dali Version
 - 03.8866.40ADA
 - 03.8866.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	14176	0.18
2	3544	0.36
3	1575	0.55
4	886	0.73
5	567	0.91

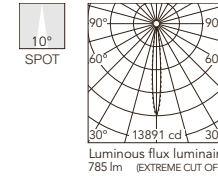
- 2700K**
- E I 03.8863.40A
 - 03.8863.14A
 - E I Dali Version
 - 03.8863.40ADA
 - 03.8863.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13023	0.18
2	3256	0.36
3	1447	0.55
4	814	0.73
5	521	0.91

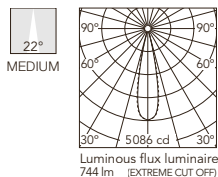
- 3000K**
- E I 03.8867.40A
 - 03.8867.14A
 - E I Dali Version
 - 03.8867.40ADA
 - 03.8867.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13891	0.18
2	3473	0.36
3	1543	0.55
4	868	0.73
5	556	0.91

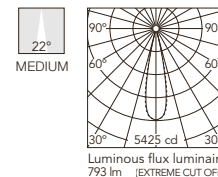
- Optic Medium 2700K**
- E I 03.9221.40A
 - 03.9221.14A
 - E I Dali Version
 - 03.9221.40ADA
 - 03.9221.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5086	0.39
2	1272	0.78
3	565	1.17
4	318	1.56
5	203	1.95

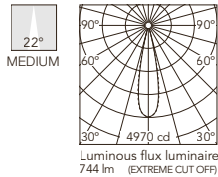
- Optic Medium 3000K**
- E I 03.9231.40A
 - 03.9231.14A
 - E I Dali Version
 - 03.9231.40ADA
 - 03.9231.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5425	0.39
2	1356	0.78
3	603	1.17
4	339	1.56
5	217	1.95

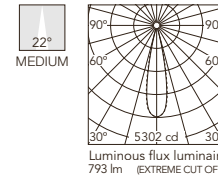
- 2700K**
- E I 03.9220.40A
 - 03.9220.14A
 - E I Dali Version
 - 03.9220.40ADA
 - 03.9220.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	4970	0.39
2	1243	0.78
3	552	1.17
4	311	1.56
5	199	1.95

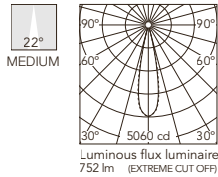
- 3000K**
- E I 03.9230.40A
 - 03.9230.14A
 - E I Dali Version
 - 03.9230.40ADA
 - 03.9230.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5302	0.39
2	1325	0.78
3	589	1.17
4	331	1.56
5	212	1.95

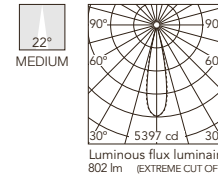
- 2700K**
- E I 03.9222.40A
 - 03.9222.14A
 - E I Dali Version
 - 03.9222.40ADA
 - 03.9222.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5060	0.39
2	1265	0.77
3	562	1.16
4	316	1.55
5	202	1.94

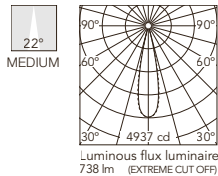
- 3000K**
- E I 03.9232.40A
 - 03.9232.14A
 - E I Dali Version
 - 03.9232.40ADA
 - 03.9232.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5397	0.39
2	1349	0.77
3	600	1.16
4	337	1.55
5	216	1.94

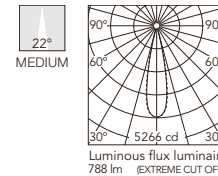
- 2700K**
- E I 03.9223.40A
 - 03.9223.14A
 - E I Dali Version
 - 03.9223.40ADA
 - 03.9223.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	4937	0.39
2	1234	0.78
3	549	1.17
4	309	1.56
5	197	1.95

- 3000K**
- E I 03.9233.40A
 - 03.9233.14A
 - E I Dali Version
 - 03.9233.40ADA
 - 03.9233.14ADA

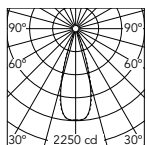


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5266	0.39
2	1316	0.78
3	585	1.17
4	329	1.56
5	211	1.95

LIGHT SHADOW

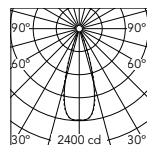
Optic Flood
2700K
 E I 03.9226.40A
 03.9226.14A
 E I Dali Version
 03.9226.40ADA
 03.9226.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2250 0.60
 2 563 1.19
 3 250 1.79
 4 141 2.39
 5 90 2.99

Luminous flux luminaire
 720 lm (EXTREME CUT OFF)

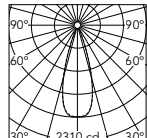
Optic Flood
3000K
 E I 03.9236.40A
 03.9236.14A
 E I Dali Version
 03.9236.40ADA
 03.9236.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2400 0.60
 2 600 1.19
 3 267 1.79
 4 150 2.39
 5 96 2.99

Luminous flux luminaire
 768 lm (EXTREME CUT OFF)

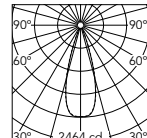
Optic Flood
2700K
 E I 03.9225.40A
 03.9225.14A
 E I Dali Version
 03.9225.40ADA
 03.9225.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2310 0.59
 2 577 1.18
 3 257 1.78
 4 144 2.37
 5 92 2.96

Luminous flux luminaire
 741 lm (EXTREME CUT OFF)

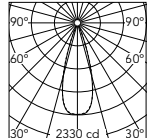
Optic Flood
3000K
 E I 03.9235.40A
 03.9235.14A
 E I Dali Version
 03.9235.40ADA
 03.9235.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2464 0.59
 2 616 1.18
 3 274 1.78
 4 154 2.37
 5 99 2.96

Luminous flux luminaire
 790 lm (EXTREME CUT OFF)

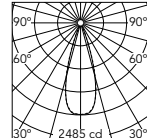
Optic Flood
2700K
 E I 03.9227.40A
 03.9227.14A
 E I Dali Version
 03.9227.40ADA
 03.9227.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2330 0.60
 2 582 1.19
 3 259 1.79
 4 146 2.38
 5 93 2.98

Luminous flux luminaire
 752 lm (EXTREME CUT OFF)

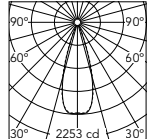
Optic Flood
3000K
 E I 03.9237.40A
 03.9237.14A
 E I Dali Version
 03.9237.40ADA
 03.9237.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2485 0.60
 2 621 1.19
 3 276 1.79
 4 155 2.38
 5 99 2.98

Luminous flux luminaire
 803 lm (EXTREME CUT OFF)

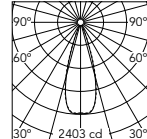
Optic Flood
2700K
 E I 03.9228.40A
 03.9228.14A
 E I Dali Version
 03.9228.40ADA
 03.9228.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2253 0.60
 2 563 1.20
 3 250 1.79
 4 141 2.39
 5 90 2.99

Luminous flux luminaire
 732 lm (EXTREME CUT OFF)

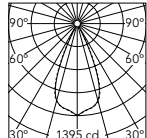
Optic Flood
3000K
 E I 03.9238.40A
 03.9238.14A
 E I Dali Version
 03.9238.40ADA
 03.9238.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 2403 0.60
 2 601 1.20
 3 267 1.79
 4 150 2.39
 5 96 2.99

Luminous flux luminaire
 781 lm (EXTREME CUT OFF)

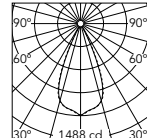
Optic Wide Flood
2700K
 E I 03.8359.40A
 03.8359.14A
 E I Dali Version
 03.8359.40ADA
 03.8359.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 1395 0.84
 2 349 1.69
 3 155 2.53
 4 87 3.38
 5 56 4.22

Luminous flux luminaire
 735 lm (EXTREME CUT OFF)

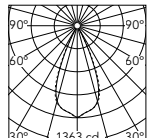
Optic Wide Flood
3000K
 E I 03.8363.40A
 03.8363.14A
 E I Dali Version
 03.8363.40ADA
 03.8363.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 1488 0.84
 2 372 1.69
 3 165 2.53
 4 93 3.38
 5 60 4.22

Luminous flux luminaire
 784 lm (EXTREME CUT OFF)

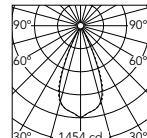
Optic Wide Flood
2700K
 E I 03.8358.40A
 03.8358.14A
 E I Dali Version
 03.8358.40ADA
 03.8358.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 1363 0.83
 2 341 1.67
 3 151 2.50
 4 85 3.34
 5 55 4.17

Luminous flux luminaire
 731 lm (EXTREME CUT OFF)

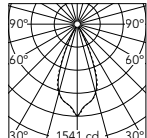
Optic Wide Flood
3000K
 E I 03.8362.40A
 03.8362.14A
 E I Dali Version
 03.8362.40ADA
 03.8362.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 1454 0.83
 2 363 1.67
 3 162 2.50
 4 91 3.34
 5 58 4.17

Luminous flux luminaire
 780 lm (EXTREME CUT OFF)

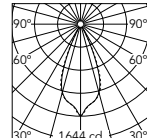
Optic Wide Flood
2700K
 E I 03.8360.40A
 03.8360.14A
 E I Dali Version
 03.8360.40ADA
 03.8360.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 1541 0.80
 2 385 1.60
 3 171 2.40
 4 96 3.19
 5 62 3.99

Luminous flux luminaire
 739 lm (EXTREME CUT OFF)

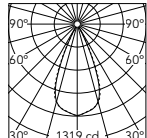
Optic Wide Flood
3000K
 E I 03.8364.40A
 03.8364.14A
 E I Dali Version
 03.8364.40ADA
 03.8364.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 1644 0.80
 2 411 1.60
 3 183 2.40
 4 103 3.19
 5 66 3.99

Luminous flux luminaire
 789 lm (EXTREME CUT OFF)

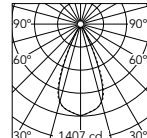
Optic Wide Flood
2700K
 E I 03.8361.40A
 03.8361.14A
 E I Dali Version
 03.8361.40ADA
 03.8361.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 1319 0.84
 2 330 1.69
 3 147 2.53
 4 82 3.38
 5 53 4.22

Luminous flux luminaire
 716 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.8365.40A
 03.8365.14A
 E I Dali Version
 03.8365.40ADA
 03.8365.14ADA



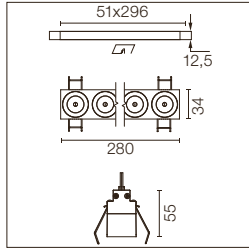
Beam Angle: 46°
 h(m) E(lx) D(m)
 1 1407 0.84
 2 352 1.69
 3 156 2.53
 4 88 3.38
 5 56 4.22

Luminous flux luminaire
 764 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Fixed No Trim 8 Spots

Light Source: Power LED 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90



Appareil encastré à 8 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire with
8 LED lighting spots. Remote power
supply included.

Cadre d'installation nécessaire;
à commander séparément.

It requires a pre-installation frame,
to be ordered separately.

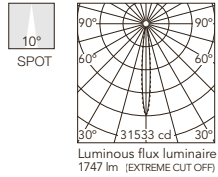
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

Optic Spot 2700K

E I 03.8869.40A
03.8869.14A

E I Dali Version
03.8869.40ADA
03.8869.14ADA



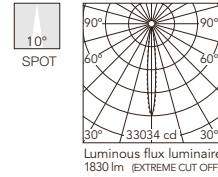
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	31533	0.18
2	7883	0.36
3	3504	0.54
4	1971	0.72
5	1261	0.90

Optic Spot 3000K

E I 03.8873.40A
03.8873.14A

E I Dali Version
03.8873.40ADA
03.8873.14ADA



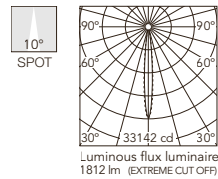
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33034	0.18
2	8259	0.36
3	3670	0.54
4	2065	0.72
5	1321	0.90

2700K

E I 03.8868.40A
03.8868.14A

E I Dali Version
03.8868.40ADA
03.8868.14ADA



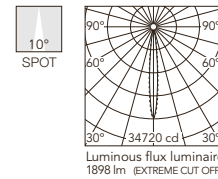
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33142	0.17
2	8285	0.35
3	3682	0.52
4	2071	0.70
5	1326	0.87

3000K

E I 03.8872.40A
03.8872.14A

E I Dali Version
03.8872.40ADA
03.8872.14ADA



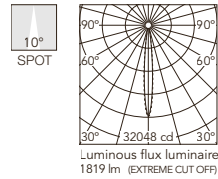
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	34720	0.17
2	8680	0.35
3	3858	0.52
4	2170	0.70
5	1389	0.87

2700K

E I 03.8870.40A
03.8870.14A

E I Dali Version
03.8870.40ADA
03.8870.14ADA



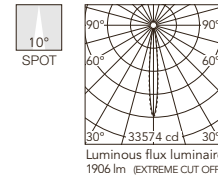
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	32048	0.18
2	8012	0.36
3	3561	0.55
4	2003	0.73
5	1282	0.91

3000K

E I 03.8874.40A
03.8874.14A

E I Dali Version
03.8874.40ADA
03.8874.14ADA



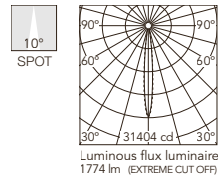
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33574	0.18
2	8394	0.36
3	3730	0.55
4	2098	0.73
5	1343	0.91

2700K

E I 03.8871.40A
03.8871.14A

E I Dali Version
03.8871.40ADA
03.8871.14ADA



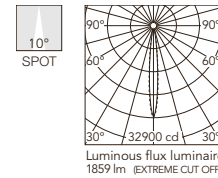
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	31404	0.18
2	7851	0.36
3	3489	0.55
4	1963	0.73
5	1256	0.91

3000K

E I 03.8875.40A
03.8875.14A

E I Dali Version
03.8875.40ADA
03.8875.14ADA



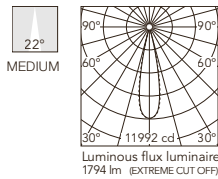
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	32900	0.18
2	8225	0.36
3	3656	0.55
4	2056	0.73
5	1316	0.91

Optic Medium 2700K

E I 03.9241.40A
03.9241.14A

E I Dali Version
03.9241.40ADA
03.9241.14ADA



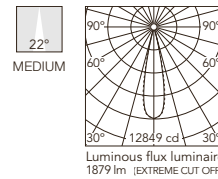
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	11992	0.39
2	2998	0.78
3	1332	1.17
4	750	1.56
5	480	1.95

Optic Medium 3000K

E I 03.9251.40A
03.9251.14A

E I Dali Version
03.9251.40ADA
03.9251.14ADA



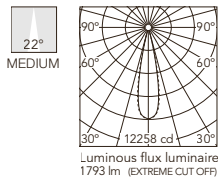
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12849	0.39
2	3212	0.78
3	1428	1.17
4	803	1.56
5	514	1.95

2700K

E I 03.9240.40A
03.9240.14A

E I Dali Version
03.9240.40ADA
03.9240.14ADA



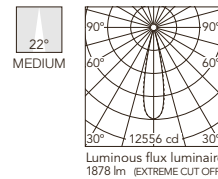
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12258	0.39
2	3065	0.78
3	1362	1.17
4	766	1.56
5	490	1.95

3000K

E I 03.9250.40A
03.9250.14A

E I Dali Version
03.9250.40ADA
03.9250.14ADA



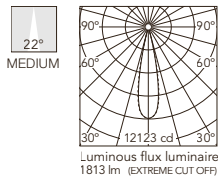
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12556	0.39
2	3139	0.78
3	1395	1.17
4	785	1.56
5	502	1.95

2700K

E I 03.9242.40A
03.9242.14A

E I Dali Version
03.9242.40ADA
03.9242.14ADA



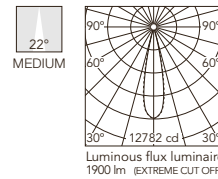
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12123	0.39
2	3031	0.78
3	1347	1.17
4	758	1.56
5	485	1.95

3000K

E I 03.9252.40A
03.9252.14A

E I Dali Version
03.9252.40ADA
03.9252.14ADA



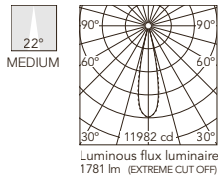
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12782	0.39
2	3196	0.77
3	1420	1.16
4	799	1.55
5	511	1.94

2700K

E I 03.9243.40A
03.9243.14A

E I Dali Version
03.9243.40ADA
03.9243.14ADA



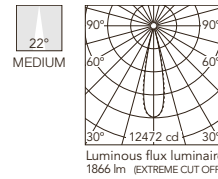
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	11982	0.39
2	2995	0.77
3	1331	1.16
4	749	1.55
5	479	1.94

3000K

E I 03.9253.40A
03.9253.14A

E I Dali Version
03.9253.40ADA
03.9253.14ADA

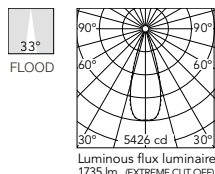


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12472	0.39
2	3118	0.78
3	1386	1.17
4	779	1.56
5	499	1.95

LIGHT SHADOW

Optic Flood
2700K
 E I 03.9246.40A
 E I 03.9246.14A
 E I Dali Version
 03.9246.40ADA
 03.9246.14ADA

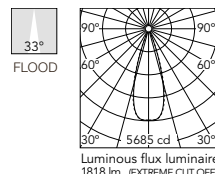


Beam Angle: 33°

h(m)	E(l)	D(m)
1	5426	0.60
2	1357	1.19
3	603	1.79
4	339	2.39
5	217	2.99

Luminous flux luminaire
1735 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9256.40A
 E I 03.9256.14A
 E I Dali Version
 03.9256.40ADA
 03.9256.14ADA

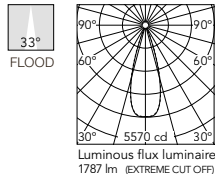


Beam Angle: 33°

h(m)	E(l)	D(m)
1	5685	0.60
2	1421	1.19
3	632	1.79
4	355	2.39
5	227	2.99

Luminous flux luminaire
1818 lm (EXTREME CUT OFF)

Optic Flood
2700K
 E I 03.9245.40A
 E I 03.9245.14A
 E I Dali Version
 03.9245.40ADA
 03.9245.14ADA

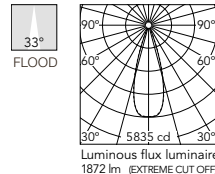


Beam Angle: 33°

h(m)	E(l)	D(m)
1	5570	0.59
2	1392	1.18
3	619	1.78
4	348	2.37
5	223	2.96

Luminous flux luminaire
1787 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9255.40A
 E I 03.9255.14A
 E I Dali Version
 03.9255.40ADA
 03.9255.14ADA

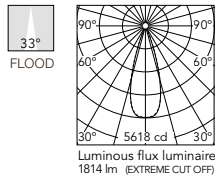


Beam Angle: 33°

h(m)	E(l)	D(m)
1	5835	0.59
2	1459	1.18
3	648	1.78
4	365	2.37
5	233	2.96

Luminous flux luminaire
1872 lm (EXTREME CUT OFF)

Optic Flood
2700K
 E I 03.9247.40A
 E I 03.9247.14A
 E I Dali Version
 03.9247.40ADA
 03.9247.14ADA

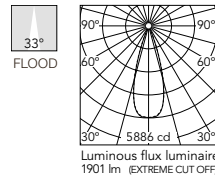


Beam Angle: 33°

h(m)	E(l)	D(m)
1	5618	0.60
2	1405	1.19
3	624	1.79
4	351	2.38
5	225	2.98

Luminous flux luminaire
1814 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9257.40A
 E I 03.9257.14A
 E I Dali Version
 03.9257.40ADA
 03.9257.14ADA

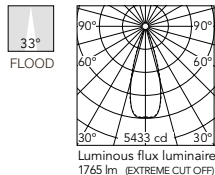


Beam Angle: 33°

h(m)	E(l)	D(m)
1	5886	0.60
2	1472	1.19
3	654	1.79
4	368	2.38
5	235	2.98

Luminous flux luminaire
1901 lm (EXTREME CUT OFF)

Optic Flood
2700K
 E I 03.9248.40A
 E I 03.9248.14A
 E I Dali Version
 03.9248.40ADA
 03.9248.14ADA

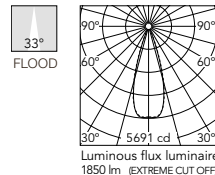


Beam Angle: 33°

h(m)	E(l)	D(m)
1	5433	0.60
2	1358	1.20
3	604	1.79
4	340	2.39
5	217	2.99

Luminous flux luminaire
1765 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9258.40A
 E I 03.9258.14A
 E I Dali Version
 03.9258.40ADA
 03.9258.14ADA

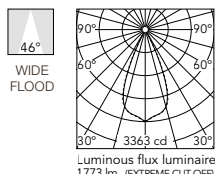


Beam Angle: 33°

h(m)	E(l)	D(m)
1	5691	0.60
2	1423	1.20
3	632	1.79
4	356	2.39
5	228	2.99

Luminous flux luminaire
1850 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.8367.40A
 E I 03.8367.14A
 E I Dali Version
 03.8367.40ADA
 03.8367.14ADA

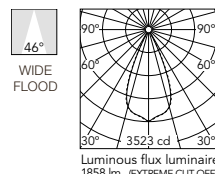


Beam Angle: 46°

h(m)	E(l)	D(m)
1	3363	0.84
2	841	1.69
3	374	2.53
4	210	3.38
5	135	4.22

Luminous flux luminaire
1773 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.8371.40A
 E I 03.8371.14A
 E I Dali Version
 03.8371.40ADA
 03.8371.14ADA

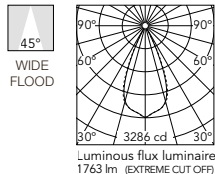


Beam Angle: 46°

h(m)	E(l)	D(m)
1	3523	0.84
2	881	1.69
3	391	2.53
4	220	3.38
5	141	4.22

Luminous flux luminaire
1858 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.8366.40A
 E I 03.8366.14A
 E I Dali Version
 03.8366.40ADA
 03.8366.14ADA

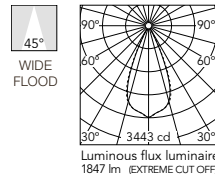


Beam Angle: 45°

h(m)	E(l)	D(m)
1	3286	0.83
2	822	1.67
3	365	2.50
4	205	3.34
5	131	4.17

Luminous flux luminaire
1763 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.8370.40A
 E I 03.8370.14A
 E I Dali Version
 03.8370.40ADA
 03.8370.14ADA

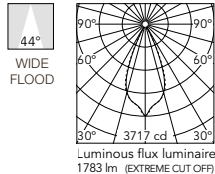


Beam Angle: 45°

h(m)	E(l)	D(m)
1	3443	0.83
2	861	1.67
3	383	2.50
4	215	3.34
5	138	4.17

Luminous flux luminaire
1847 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.8368.40A
 E I 03.8368.14A
 E I Dali Version
 03.8368.40ADA
 03.8368.14ADA

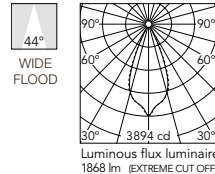


Beam Angle: 44°

h(m)	E(l)	D(m)
1	3717	0.80
2	929	1.60
3	413	2.40
4	232	3.19
5	149	3.99

Luminous flux luminaire
1783 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.8372.40A
 E I 03.8372.14A
 E I Dali Version
 03.8372.40ADA
 03.8372.14ADA

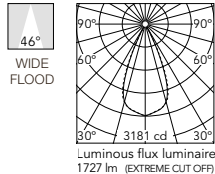


Beam Angle: 44°

h(m)	E(l)	D(m)
1	3894	0.80
2	973	1.60
3	433	2.40
4	243	3.19
5	156	3.99

Luminous flux luminaire
1868 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.8369.40A
 E I 03.8369.14A
 E I Dali Version
 03.8369.40ADA
 03.8369.14ADA

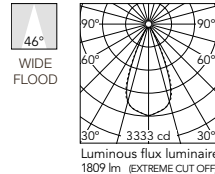


Beam Angle: 46°

h(m)	E(l)	D(m)
1	3181	0.84
2	795	1.69
3	353	2.53
4	199	3.38
5	127	4.22

Luminous flux luminaire
1727 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.8373.40A
 E I 03.8373.14A
 E I Dali Version
 03.8373.40ADA
 03.8373.14ADA



Beam Angle: 46°

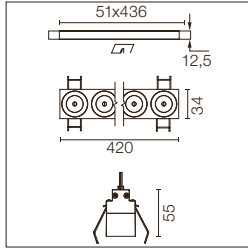
h(m)	E(l)	D(m)
1	3333	0.84
2	833	1.69
3	370	2.53
4	208	3.38
5	133	4.22

Luminous flux luminaire
1809 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Fixed No Trim 12 Spots

Light Source: Power LED 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90



Appareil encastré à 12 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire
with 12 LED lighting spots. Remote
power supply included.

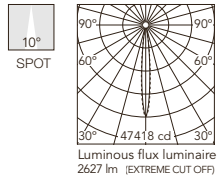
Cadre de pré-montage nécessaire;
à commander séparément.

It requires a pre-installation frame,
to be ordered separately.

E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

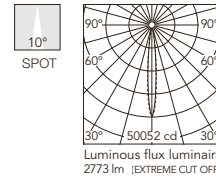
- Optic Spot 2700K**
- E I 03.8877.40A
 - 03.8877.14A
 - E I Dali Version
 - 03.8877.40ADA
 - 03.8877.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	47418	0.18
2	11854	0.36
3	5269	0.54
4	2964	0.72
5	1897	0.90

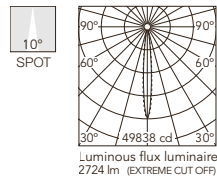
- Optic Spot 3000K**
- E I 03.8881.40A
 - 03.8881.14A
 - E I Dali Version
 - 03.8881.40ADA
 - 03.8881.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	50052	0.18
2	12513	0.36
3	5561	0.54
4	3128	0.72
5	2002	0.90

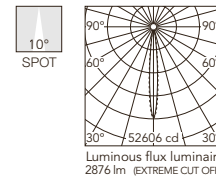
- 2700K**
- E I 03.8876.40A
 - 03.8876.14A
 - E I Dali Version
 - 03.8876.40ADA
 - 03.8876.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	49838	0.17
2	12459	0.35
3	5538	0.52
4	3115	0.70
5	1994	0.87

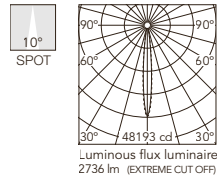
- 3000K**
- E I 03.8880.40A
 - 03.8880.14A
 - E I Dali Version
 - 03.8880.40ADA
 - 03.8880.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	52606	0.17
2	13152	0.35
3	5845	0.52
4	3288	0.70
5	2104	0.87

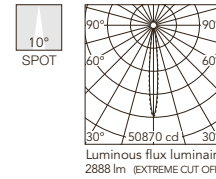
- 2700K**
- E I 03.8878.40A
 - 03.8878.14A
 - E I Dali Version
 - 03.8878.40ADA
 - 03.8878.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	48193	0.18
2	12048	0.36
3	5355	0.55
4	3012	0.73
5	1928	0.91

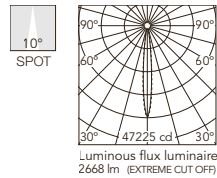
- 3000K**
- E I 03.8882.40A
 - 03.8882.14A
 - E I Dali Version
 - 03.8882.40ADA
 - 03.8882.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	50870	0.18
2	12718	0.36
3	5652	0.55
4	3179	0.73
5	2035	0.91

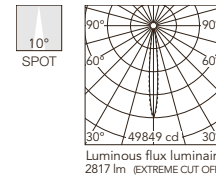
- 2700K**
- E I 03.8879.40A
 - 03.8879.14A
 - E I Dali Version
 - 03.8879.40ADA
 - 03.8879.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	47225	0.18
2	11806	0.36
3	5247	0.55
4	2952	0.73
5	1889	0.91

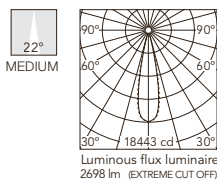
- 3000K**
- E I 03.8883.40A
 - 03.8883.14A
 - E I Dali Version
 - 03.8883.40ADA
 - 03.8883.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	49849	0.18
2	12462	0.36
3	5539	0.55
4	3116	0.73
5	1994	0.91

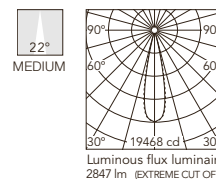
- Optic Medium 2700K**
- E I 03.9261.40A
 - 03.9261.14A
 - E I Dali Version
 - 03.9261.40ADA
 - 03.9261.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	18443	0.39
2	4611	0.78
3	2049	1.17
4	1153	1.56
5	738	1.95

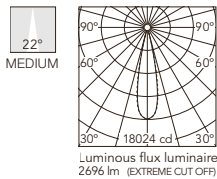
- Optic Medium 3000K**
- E I 03.9271.40A
 - 03.9271.14A
 - E I Dali Version
 - 03.9271.40ADA
 - 03.9271.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	19468	0.39
2	4867	0.78
3	2163	1.17
4	1217	1.56
5	779	1.95

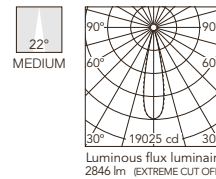
- 2700K**
- E I 03.9260.40A
 - 03.9260.14A
 - E I Dali Version
 - 03.9260.40ADA
 - 03.9260.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	18024	0.39
2	4506	0.78
3	2003	1.17
4	1126	1.56
5	721	1.95

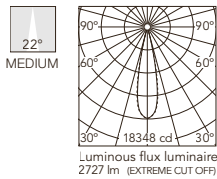
- 3000K**
- E I 03.9270.40A
 - 03.9270.14A
 - E I Dali Version
 - 03.9270.40ADA
 - 03.9270.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	19025	0.39
2	4756	0.78
3	2114	1.17
4	1189	1.56
5	761	1.95

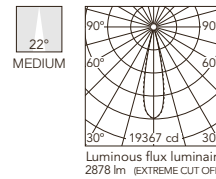
- 2700K**
- E I 03.9262.40A
 - 03.9262.14A
 - E I Dali Version
 - 03.9262.40ADA
 - 03.9262.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	18348	0.39
2	4587	0.77
3	2039	1.16
4	1147	1.55
5	734	1.94

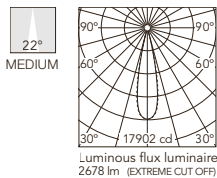
- 3000K**
- E I 03.9272.40A
 - 03.9272.14A
 - E I Dali Version
 - 03.9272.40ADA
 - 03.9272.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	19367	0.39
2	4842	0.77
3	2152	1.16
4	1210	1.55
5	775	1.94

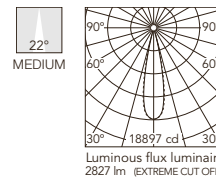
- 2700K**
- E I 03.9263.40A
 - 03.9263.14A
 - E I Dali Version
 - 03.9263.40ADA
 - 03.9263.14ADA



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	17902	0.39
2	4476	0.78
3	1989	1.17
4	1119	1.56
5	716	1.95

- 3000K**
- E I 03.9273.40A
 - 03.9273.14A
 - E I Dali Version
 - 03.9273.40ADA
 - 03.9273.14ADA

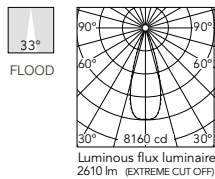


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	18897	0.39
2	4724	0.78
3	2100	1.17
4	1181	1.56
5	756	1.95

LIGHT SHADOW

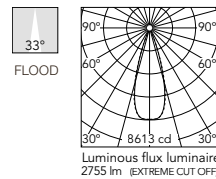
Optic Flood
2700K
 E I 03.9266.40A
 03.9266.14A
 E I Dali Version
 03.9266.40ADA
 03.9266.14ADA



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8160	0.60
2	2040	1.19
3	907	1.79
4	510	2.39
5	326	2.99

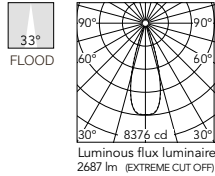
Optic Flood
3000K
 E I 03.9276.40A
 03.9276.14A
 E I Dali Version
 03.9276.40ADA
 03.9276.14ADA



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8613	0.60
2	2153	1.19
3	957	1.79
4	538	2.39
5	345	2.99

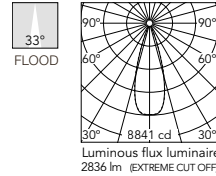
Optic Flood
2700K
 E I 03.9265.40A
 03.9265.14A
 E I Dali Version
 03.9265.40ADA
 03.9265.14ADA



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8376	0.59
2	2094	1.18
3	931	1.78
4	523	2.37
5	335	2.96

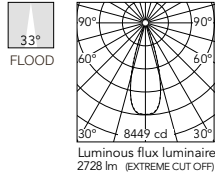
Optic Flood
3000K
 E I 03.9275.40A
 03.9275.14A
 E I Dali Version
 03.9275.40ADA
 03.9275.14ADA



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8841	0.59
2	2210	1.18
3	982	1.78
4	553	2.37
5	354	2.96

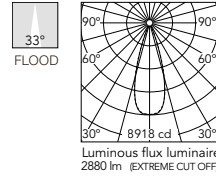
Optic Flood
2700K
 E I 03.9267.40A
 03.9267.14A
 E I Dali Version
 03.9267.40ADA
 03.9267.14ADA



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8449	0.60
2	2112	1.19
3	939	1.79
4	528	2.38
5	338	2.98

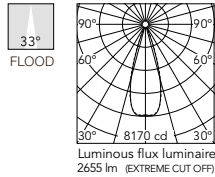
Optic Flood
3000K
 E I 03.9277.40A
 03.9277.14A
 E I Dali Version
 03.9277.40ADA
 03.9277.14ADA



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8918	0.60
2	2230	1.19
3	991	1.79
4	557	2.38
5	357	2.98

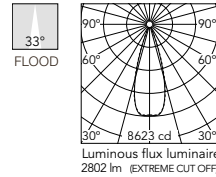
Optic Flood
2700K
 E I 03.9268.40A
 03.9268.14A
 E I Dali Version
 03.9268.40ADA
 03.9268.14ADA



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8170	0.60
2	2042	1.20
3	908	1.79
4	511	2.39
5	327	2.99

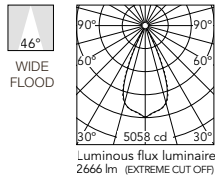
Optic Flood
3000K
 E I 03.9278.40A
 03.9278.14A
 E I Dali Version
 03.9278.40ADA
 03.9278.14ADA



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8623	0.60
2	2156	1.20
3	958	1.79
4	539	2.39
5	345	2.99

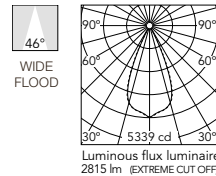
Optic Wide Flood
2700K
 E I 03.8375.40A
 03.8375.14A
 E I Dali Version
 03.8375.40ADA
 03.8375.14ADA



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	5058	0.84
2	1264	1.69
3	562	2.53
4	316	3.38
5	202	4.22

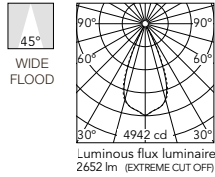
Optic Wide Flood
3000K
 E I 03.8379.40A
 03.8379.14A
 E I Dali Version
 03.8379.40ADA
 03.8379.14ADA



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	5339	0.84
2	1335	1.69
3	593	2.53
4	334	3.38
5	214	4.22

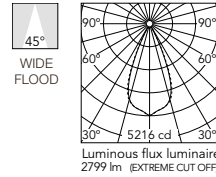
Optic Wide Flood
2700K
 E I 03.8374.40A
 03.8374.14A
 E I Dali Version
 03.8374.40ADA
 03.8374.14ADA



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	4942	0.83
2	1235	1.67
3	549	2.50
4	309	3.34
5	198	4.17

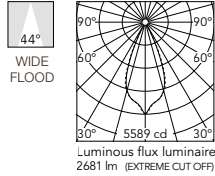
Optic Wide Flood
3000K
 E I 03.8378.40A
 03.8378.14A
 E I Dali Version
 03.8378.40ADA
 03.8378.14ADA



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	5216	0.83
2	1304	1.67
3	580	2.50
4	326	3.34
5	209	4.17

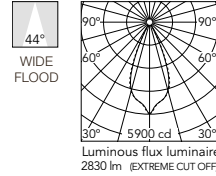
Optic Wide Flood
2700K
 E I 03.8376.40A
 03.8376.14A
 E I Dali Version
 03.8376.40ADA
 03.8376.14ADA



Beam Angle: 44°

h(m)	E(lx)	D(m)
1	5589	0.80
2	1397	1.60
3	621	2.40
4	349	3.19
5	224	3.99

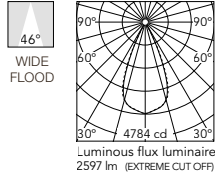
Optic Wide Flood
3000K
 E I 03.8380.40A
 03.8380.14A
 E I Dali Version
 03.8380.40ADA
 03.8380.14ADA



Beam Angle: 44°

h(m)	E(lx)	D(m)
1	5900	0.80
2	1475	1.60
3	656	2.40
4	369	3.19
5	236	3.99

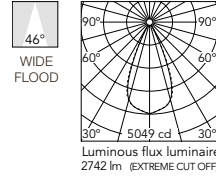
Optic Wide Flood
2700K
 E I 03.8377.40A
 03.8377.14A
 E I Dali Version
 03.8377.40ADA
 03.8377.14ADA



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	4784	0.84
2	1196	1.69
3	532	2.53
4	299	3.38
5	191	4.22

Optic Wide Flood
3000K
 E I 03.8381.40A
 03.8381.14A
 E I Dali Version
 03.8381.40ADA
 03.8381.14ADA



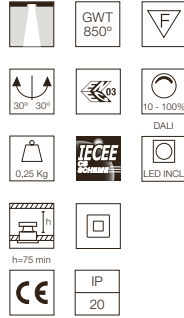
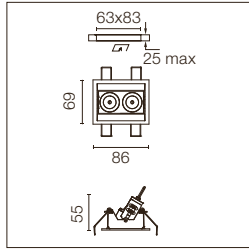
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	5049	0.84
2	1262	1.69
3	561	2.53
4	316	3.38
5	202	4.22

LIGHT SHADOW

Light Shadow Adjustable Trim 2 Spots

Light Source: Power LED 5,4W - 540 lm - 2700K/CRI 90 / 5,4W - 570 lm - 3000K/CRI 90



Appareil encastré à 2 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire with
2 LED lighting spots. Remote power
supply included.

Cadre de pré-montage pas
nécessaire.

Pre-Installation frame not required.

E = Finition Externe
I = Finition Interne

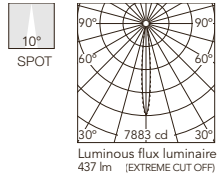
E= External Finish
I= Internal Finish

Optic Spot 2700K

E I 03.8885.40A
03.8885.14A

Dali Version

E I 03.8885.40ADA
03.8885.14ADA



Beam Angle: 10°

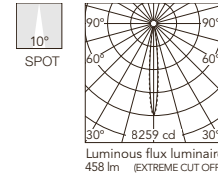
h(m)	E(lx)	D(m)
1	7883	0.18
2	1971	0.36
3	876	0.54
4	493	0.72
5	315	0.90

Optic Spot 3000K

E I 03.8889.40A
03.8889.14A

Dali Version

E I 03.8889.40ADA
03.8889.14ADA



Beam Angle: 10°

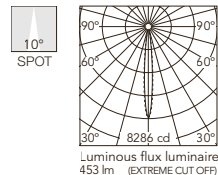
h(m)	E(lx)	D(m)
1	8259	0.18
2	2065	0.36
3	918	0.54
4	516	0.72
5	330	0.90

2700K

E I 03.8884.40A
03.8884.14A

Dali Version

E I 03.8884.40ADA
03.8884.14ADA



Beam Angle: 10°

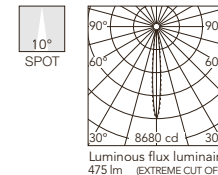
h(m)	E(lx)	D(m)
1	8286	0.17
2	2071	0.35
3	921	0.52
4	518	0.70
5	331	0.87

3000K

E I 03.8888.40A
03.8888.14A

Dali Version

E I 03.8888.40ADA
03.8888.14ADA



Beam Angle: 10°

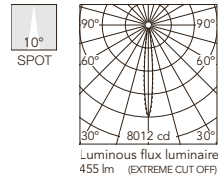
h(m)	E(lx)	D(m)
1	8680	0.17
2	2170	0.35
3	964	0.52
4	543	0.70
5	347	0.87

2700K

E I 03.8886.40A
03.8886.14A

Dali Version

E I 03.8886.40ADA
03.8886.14ADA



Beam Angle: 10°

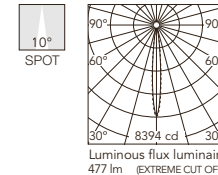
h(m)	E(lx)	D(m)
1	8012	0.18
2	2003	0.36
3	890	0.55
4	501	0.73
5	320	0.91

3000K

E I 03.8890.40A
03.8890.14A

Dali Version

E I 03.8890.40ADA
03.8890.14ADA



Beam Angle: 10°

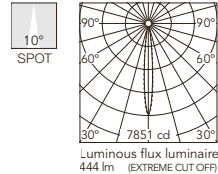
h(m)	E(lx)	D(m)
1	8394	0.18
2	2098	0.36
3	933	0.55
4	525	0.73
5	336	0.91

2700K

E I 03.8887.40A
03.8887.14A

Dali Version

E I 03.8887.40ADA
03.8887.14ADA



Beam Angle: 10°

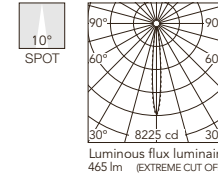
h(m)	E(lx)	D(m)
1	7851	0.18
2	1963	0.36
3	872	0.55
4	491	0.73
5	314	0.91

3000K

E I 03.8891.40A
03.8891.14A

Dali Version

E I 03.8891.40ADA
03.8891.14ADA



Beam Angle: 10°

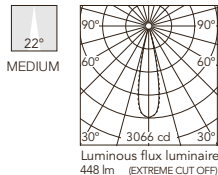
h(m)	E(lx)	D(m)
1	8225	0.18
2	2056	0.36
3	914	0.55
4	514	0.73
5	329	0.91

Optic Medium 2700K

E I 03.9301.40A
03.9301.14A

Dali Version

E I 03.9301.40ADA
03.9301.14ADA



Beam Angle: 22°

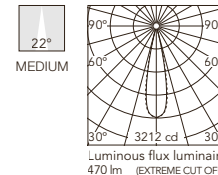
h(m)	E(lx)	D(m)
1	3066	0.39
2	767	0.78
3	341	1.17
4	192	1.56
5	123	1.95

Optic Medium 3000K

E I 03.9311.40A
03.9311.14A

Dali Version

E I 03.9311.40ADA
03.9311.14ADA



Beam Angle: 22°

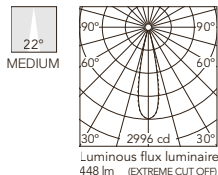
h(m)	E(lx)	D(m)
1	3212	0.39
2	803	0.78
3	357	1.17
4	201	1.56
5	128	1.95

2700K

E I 03.9300.40A
03.9300.14A

Dali Version

E I 03.9300.40ADA
03.9300.14ADA



Beam Angle: 22°

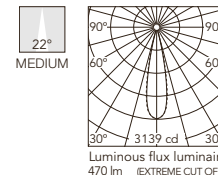
h(m)	E(lx)	D(m)
1	2996	0.39
2	749	0.78
3	333	1.17
4	187	1.56
5	120	1.95

3000K

E I 03.9310.40A
03.9310.14A

Dali Version

E I 03.9310.40ADA
03.9310.14ADA



Beam Angle: 22°

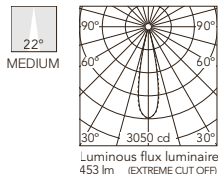
h(m)	E(lx)	D(m)
1	3139	0.39
2	785	0.78
3	349	1.17
4	196	1.56
5	126	1.95

2700K

E I 03.9302.40A
03.9302.14A

Dali Version

E I 03.9302.40ADA
03.9302.14ADA



Beam Angle: 22°

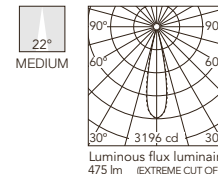
h(m)	E(lx)	D(m)
1	3050	0.39
2	763	0.77
3	339	1.16
4	191	1.55
5	122	1.94

3000K

E I 03.9312.40A
03.9312.14A

Dali Version

E I 03.9312.40ADA
03.9312.14ADA



Beam Angle: 22°

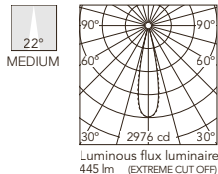
h(m)	E(lx)	D(m)
1	3196	0.39
2	799	0.77
3	355	1.16
4	200	1.55
5	128	1.94

2700K

E I 03.9303.40A
03.9303.14A

Dali Version

E I 03.9303.40ADA
03.9303.14ADA



Beam Angle: 22°

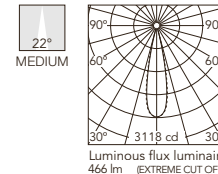
h(m)	E(lx)	D(m)
1	2976	0.39
2	744	0.78
3	331	1.17
4	186	1.56
5	119	1.95

3000K

E I 03.9313.40A
03.9313.14A

Dali Version

E I 03.9313.40ADA
03.9313.14ADA

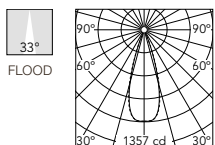


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3118	0.39
2	779	0.78
3	346	1.17
4	195	1.56
5	125	1.95

LIGHT SHADOW

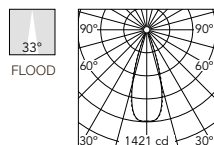
Optic Flood
2700K
 E I 03.9306.40A
 03.9306.14A
 E I Dali Version
 03.9306.40ADA
 03.9306.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1357 0.60
 2 339 1.19
 3 151 1.79
 4 85 2.39
 5 54 2.99

Luminous flux luminaire
 434 lm (EXTREME CUT OFF)

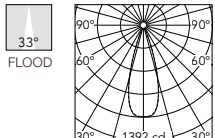
Optic Flood
3000K
 E I 03.9316.40A
 03.9316.14A
 E I Dali Version
 03.9316.40ADA
 03.9316.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1421 0.60
 2 355 1.19
 3 158 1.79
 4 89 2.39
 5 57 2.99

Luminous flux luminaire
 455 lm (EXTREME CUT OFF)

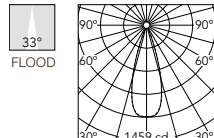
Optic Flood
2700K
 E I 03.9305.40A
 03.9305.14A
 E I Dali Version
 03.9305.40ADA
 03.9305.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1392 0.59
 2 348 1.18
 3 155 1.78
 4 87 2.37
 5 56 2.96

Luminous flux luminaire
 447 lm (EXTREME CUT OFF)

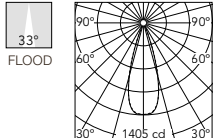
Optic Flood
3000K
 E I 03.9315.40A
 03.9315.14A
 E I Dali Version
 03.9315.40ADA
 03.9315.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1459 0.59
 2 365 1.18
 3 162 1.78
 4 91 2.37
 5 58 2.96

Luminous flux luminaire
 468 lm (EXTREME CUT OFF)

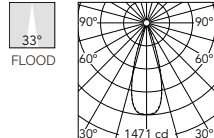
Optic Flood
2700K
 E I 03.9307.40A
 03.9307.14A
 E I Dali Version
 03.9307.40ADA
 03.9307.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1405 0.60
 2 351 1.19
 3 156 1.79
 4 88 2.38
 5 56 2.98

Luminous flux luminaire
 454 lm (EXTREME CUT OFF)

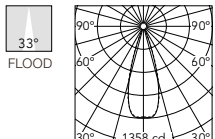
Optic Flood
3000K
 E I 03.9317.40A
 03.9317.14A
 E I Dali Version
 03.9317.40ADA
 03.9317.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1471 0.60
 2 368 1.19
 3 163 1.79
 4 92 2.38
 5 59 2.98

Luminous flux luminaire
 475 lm (EXTREME CUT OFF)

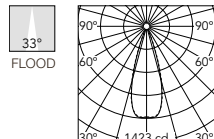
Optic Flood
2700K
 E I 03.9308.40A
 03.9308.14A
 E I Dali Version
 03.9308.40ADA
 03.9308.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1358 0.60
 2 340 1.20
 3 151 1.79
 4 85 2.39
 5 54 2.99

Luminous flux luminaire
 441 lm (EXTREME CUT OFF)

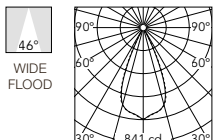
Optic Flood
3000K
 E I 03.9318.40A
 03.9318.14A
 E I Dali Version
 03.9318.40ADA
 03.9318.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1423 0.60
 2 356 1.20
 3 158 1.79
 4 89 2.39
 5 57 2.99

Luminous flux luminaire
 462 lm (EXTREME CUT OFF)

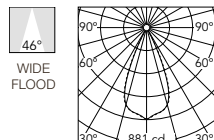
Optic Wide Flood
2700K
 E I 03.7301.40A
 03.7301.14A
 E I Dali Version
 03.7301.40ADA
 03.7301.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 841 0.84
 2 210 1.69
 3 93 2.53
 4 53 3.38
 5 34 4.22

Luminous flux luminaire
 443 lm (EXTREME CUT OFF)

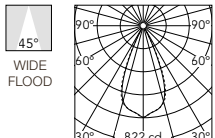
Optic Wide Flood
3000K
 E I 03.7305.40A
 03.7305.14A
 E I Dali Version
 03.7305.40ADA
 03.7305.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 881 0.84
 2 220 1.69
 3 98 2.53
 4 55 3.38
 5 35 4.22

Luminous flux luminaire
 464 lm (EXTREME CUT OFF)

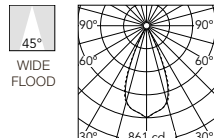
Optic Wide Flood
2700K
 E I 03.7300.40A
 03.7300.14A
 E I Dali Version
 03.7300.40ADA
 03.7300.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 822 0.83
 2 205 1.67
 3 91 2.50
 4 51 3.34
 5 33 4.17

Luminous flux luminaire
 441 lm (EXTREME CUT OFF)

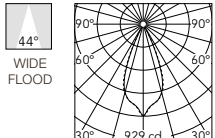
Optic Wide Flood
3000K
 E I 03.7304.40A
 03.7304.14A
 E I Dali Version
 03.7304.40ADA
 03.7304.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 861 0.83
 2 215 1.67
 3 96 2.50
 4 54 3.34
 5 34 4.17

Luminous flux luminaire
 462 lm (EXTREME CUT OFF)

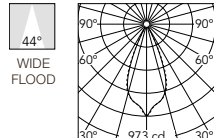
Optic Wide Flood
2700K
 E I 03.7302.40A
 03.7302.14A
 E I Dali Version
 03.7302.40ADA
 03.7302.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 929 0.80
 2 232 1.60
 3 103 2.40
 4 58 3.19
 5 37 3.99

Luminous flux luminaire
 446 lm (EXTREME CUT OFF)

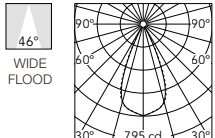
Optic Wide Flood
3000K
 E I 03.7306.40A
 03.7306.14A
 E I Dali Version
 03.7306.40ADA
 03.7306.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 973 0.80
 2 243 1.60
 3 108 2.40
 4 61 3.19
 5 39 3.99

Luminous flux luminaire
 467 lm (EXTREME CUT OFF)

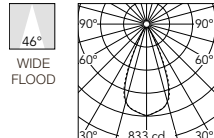
Optic Wide Flood
2700K
 E I 03.7303.40A
 03.7303.14A
 E I Dali Version
 03.7303.40ADA
 03.7303.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 795 0.84
 2 199 1.69
 3 88 2.53
 4 50 3.38
 5 32 4.22

Luminous flux luminaire
 432 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.7307.40A
 03.7307.14A
 E I Dali Version
 03.7307.40ADA
 03.7307.14ADA



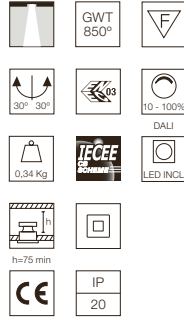
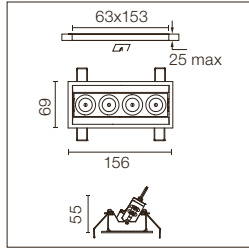
Beam Angle: 46°
 h(m) E(lx) D(m)
 1 833 0.84
 2 208 1.69
 3 93 2.53
 4 52 3.38
 5 33 4.22

Luminous flux luminaire
 452 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Adjustable Trim 4 Spots

Light Source: Power LED 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Appareil encastré à 4 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire with
4 LED lighting spots. Remote power
supply included.

Cadre de pré-montage pas
nécessaire.

Pre-Installation frame not required.

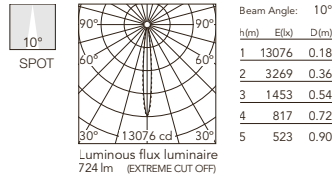
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

Optic Spot 2700K

E I 03.8893.40A
03.8893.14A

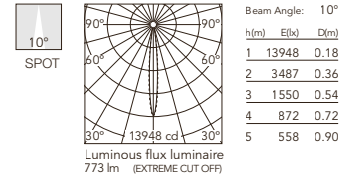
E I Dali Version
03.8893.40ADA
03.8893.14ADA



Optic Spot 3000K

E I 03.8897.40A
03.8897.14A

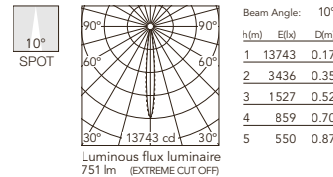
E I Dali Version
03.8897.40ADA
03.8897.14ADA



2700K

E I 03.8892.40A
03.8892.14A

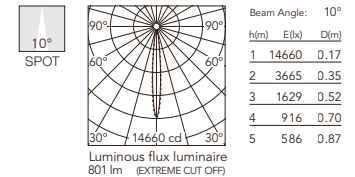
E I Dali Version
03.8892.40ADA
03.8892.14ADA



3000K

E I 03.8896.40A
03.8896.14A

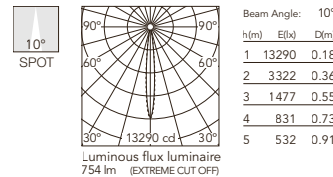
E I Dali Version
03.8896.40ADA
03.8896.14ADA



2700K

E I 03.8894.40A
03.8894.14A

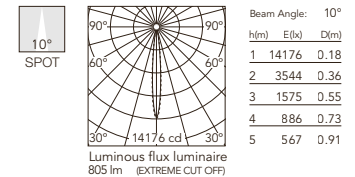
E I Dali Version
03.8894.40ADA
03.8894.14ADA



3000K

E I 03.8898.40A
03.8898.14A

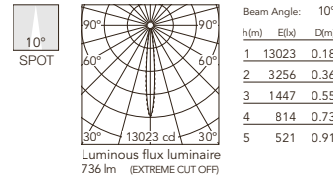
E I Dali Version
03.8898.40ADA
03.8898.14ADA



2700K

E I 03.8895.40A
03.8895.14A

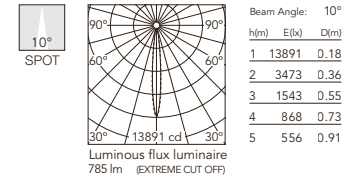
E I Dali Version
03.8895.40ADA
03.8895.14ADA



3000K

E I 03.8899.40A
03.8899.14A

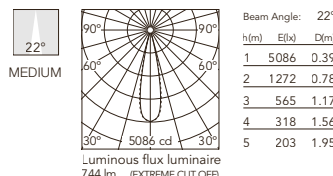
E I Dali Version
03.8899.40ADA
03.8899.14ADA



Optic Medium 2700K

E I 03.9321.40A
03.9321.14A

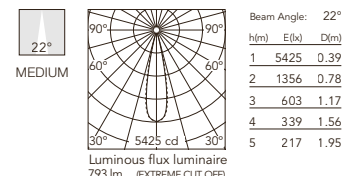
E I Dali Version
03.9321.40ADA
03.9321.14ADA



Optic Medium 3000K

E I 03.9331.40A
03.9331.14A

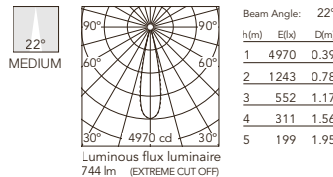
E I Dali Version
03.9331.40ADA
03.9331.14ADA



2700K

E I 03.9320.40A
03.9320.14A

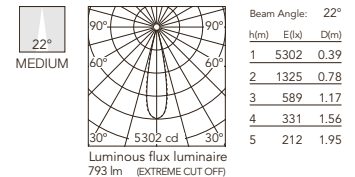
E I Dali Version
03.9320.40ADA
03.9320.14ADA



3000K

E I 03.9330.40A
03.9330.14A

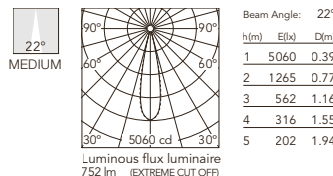
E I Dali Version
03.9330.40ADA
03.9330.14ADA



2700K

E I 03.9322.40A
03.9322.14A

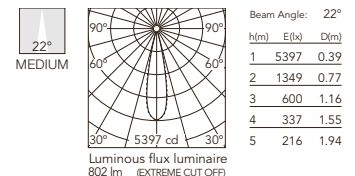
E I Dali Version
03.9322.40ADA
03.9322.14ADA



3000K

E I 03.9332.40A
03.9332.14A

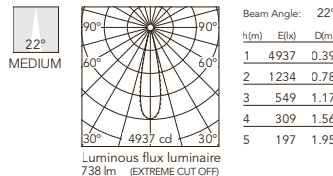
E I Dali Version
03.9332.40ADA
03.9332.14ADA



2700K

E I 03.9323.40A
03.9323.14A

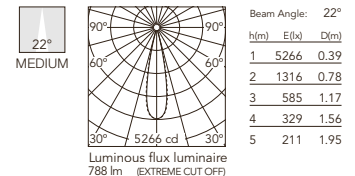
E I Dali Version
03.9323.40ADA
03.9323.14ADA



3000K

E I 03.9333.40A
03.9333.14A

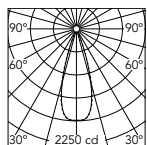
E I Dali Version
03.9333.40ADA
03.9333.14ADA



LIGHT SHADOW

Optic Flood

- 2700K**
- E I 03.9326.40A
 - 03.9326.14A
 - E I Dali Version
 - 03.9326.40ADA
 - 03.9326.14ADA

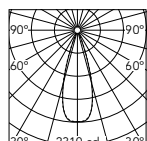


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2250	0.60
2	563	1.19
3	250	1.79
4	141	2.39
5	90	2.99

Luminous flux luminaire
720 lm (EXTREME CUT OFF)

- 2700K**
- 03.9325.40A
 - 03.9325.14A
 - E I Dali Version
 - 03.9325.40ADA
 - 03.9325.14ADA

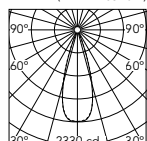


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2310	0.59
2	577	1.18
3	257	1.78
4	144	2.37
5	92	2.96

Luminous flux luminaire
741 lm (EXTREME CUT OFF)

- 2700K**
- 03.9327.40A
 - 03.9327.14A
 - E I Dali Version
 - 03.9327.40ADA
 - 03.9327.14ADA

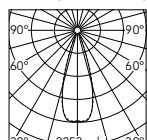


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2330	0.60
2	582	1.19
3	259	1.79
4	146	2.38
5	93	2.98

Luminous flux luminaire
752 lm (EXTREME CUT OFF)

- 2700K**
- 03.9328.40A
 - 03.9328.14A
 - E I Dali Version
 - 03.9328.40ADA
 - 03.9328.14ADA



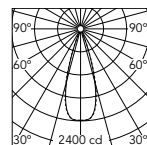
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2253	0.60
2	563	1.20
3	250	1.79
4	141	2.39
5	90	2.99

Luminous flux luminaire
732 lm (EXTREME CUT OFF)

Optic Flood

- 3000K**
- 03.9336.40A
 - 03.9336.14A
 - E I Dali Version
 - 03.9336.40ADA
 - 03.9336.14ADA

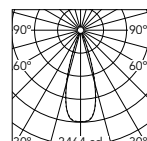


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2400	0.60
2	600	1.19
3	267	1.79
4	150	2.39
5	96	2.99

Luminous flux luminaire
768 lm (EXTREME CUT OFF)

- 3000K**
- 03.9335.40A
 - 03.9335.14A
 - E I Dali Version
 - 03.9335.40ADA
 - 03.9335.14ADA

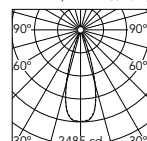


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2464	0.59
2	616	1.18
3	274	1.78
4	154	2.37
5	99	2.96

Luminous flux luminaire
790 lm (EXTREME CUT OFF)

- 3000K**
- 03.9337.40A
 - 03.9337.14A
 - E I Dali Version
 - 03.9337.40ADA
 - 03.9337.14ADA

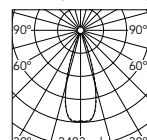


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2485	0.60
2	621	1.19
3	276	1.79
4	155	2.38
5	99	2.98

Luminous flux luminaire
803 lm (EXTREME CUT OFF)

- 3000K**
- 03.9338.40A
 - 03.9338.14A
 - E I Dali Version
 - 03.9338.40ADA
 - 03.9338.14ADA



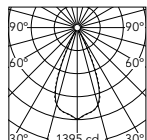
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2403	0.60
2	601	1.20
3	267	1.79
4	150	2.39
5	96	2.99

Luminous flux luminaire
781 lm (EXTREME CUT OFF)

Optic Wide Flood

- 2700K**
- 03.7309.40A
 - 03.7309.14A
 - E I Dali Version
 - 03.7309.40ADA
 - 03.7309.14ADA

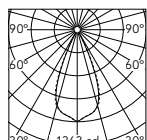


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1395	0.84
2	349	1.69
3	155	2.53
4	87	3.38
5	56	4.22

Luminous flux luminaire
735 lm (EXTREME CUT OFF)

- 2700K**
- 03.7308.40A
 - 03.7308.14A
 - E I Dali Version
 - 03.7308.40ADA
 - 03.7308.14ADA

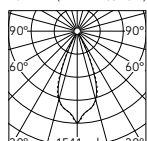


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1363	0.83
2	341	1.67
3	151	2.50
4	85	3.34
5	55	4.17

Luminous flux luminaire
731 lm (EXTREME CUT OFF)

- 2700K**
- 03.7310.40A
 - 03.7310.14A
 - E I Dali Version
 - 03.7310.40ADA
 - 03.7310.14ADA

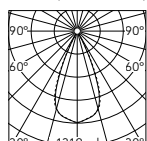


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	1541	0.80
2	385	1.60
3	171	2.40
4	96	3.19
5	62	3.99

Luminous flux luminaire
739 lm (EXTREME CUT OFF)

- 2700K**
- 03.7311.40A
 - 03.7311.14A
 - E I Dali Version
 - 03.7311.40ADA
 - 03.7311.14ADA



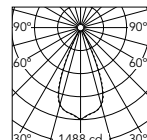
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1319	0.84
2	330	1.69
3	147	2.53
4	82	3.38
5	53	4.22

Luminous flux luminaire
716 lm (EXTREME CUT OFF)

Optic Wide Flood

- 3000K**
- 03.7313.40A
 - 03.7313.14A
 - E I Dali Version
 - 03.7313.40ADA
 - 03.7313.14ADA

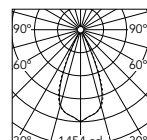


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1488	0.84
2	372	1.69
3	165	2.53
4	93	3.38
5	60	4.22

Luminous flux luminaire
784 lm (EXTREME CUT OFF)

- 3000K**
- 03.7312.40A
 - 03.7312.14A
 - E I Dali Version
 - 03.7312.40ADA
 - 03.7312.14ADA

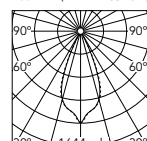


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1454	0.83
2	363	1.67
3	162	2.50
4	91	3.34
5	58	4.17

Luminous flux luminaire
780 lm (EXTREME CUT OFF)

- 3000K**
- 03.7314.40A
 - 03.7314.14A
 - E I Dali Version
 - 03.7314.40ADA
 - 03.7314.14ADA

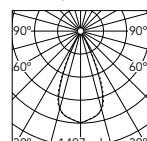


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	1644	0.80
2	411	1.60
3	183	2.40
4	103	3.19
5	66	3.99

Luminous flux luminaire
789 lm (EXTREME CUT OFF)

- 3000K**
- 03.7315.40A
 - 03.7315.14A
 - E I Dali Version
 - 03.7315.40ADA
 - 03.7315.14ADA



Beam Angle: 46°

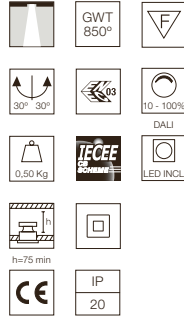
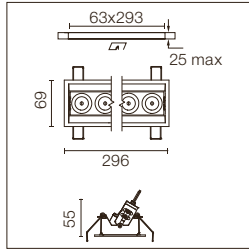
h(m)	E(lx)	D(m)
1	1407	0.84
2	352	1.69
3	156	2.53
4	88	3.38
5	56	4.22

Luminous flux luminaire
764 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Adjustable Trim 8 Spots

Light Source: Power LED 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90



Appareil encastré à 8 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire with
8 LED lighting spots. Remote power
supply included.

Cadre de pré-montage pas
nécessaire.

Pre-Installation frame not required.

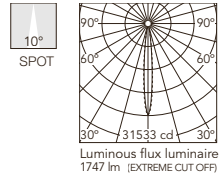
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

Optic Spot 2700K

E I 03.8901.40A
03.8901.14A

E I Dali Version
03.8901.40ADA
03.8901.14ADA



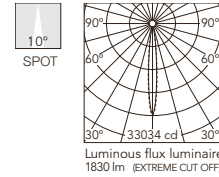
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	31533	0.18
2	7883	0.36
3	3504	0.54
4	1971	0.72
5	1261	0.90

Optic Spot 3000K

E I 03.8905.40A
03.8905.14A

E I Dali Version
03.8905.40ADA
03.8905.14ADA



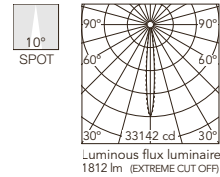
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33034	0.18
2	8259	0.36
3	3670	0.54
4	2065	0.72
5	1321	0.90

2700K

E I 03.8900.40A
03.8900.14A

E I Dali Version
03.8900.40ADA
03.8900.14ADA



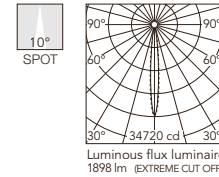
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33142	0.17
2	8285	0.35
3	3682	0.52
4	2071	0.70
5	1326	0.87

3000K

E I 03.8904.40A
03.8904.14A

E I Dali Version
03.8904.40ADA
03.8904.14ADA



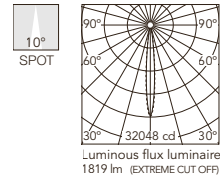
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	34720	0.17
2	8680	0.35
3	3858	0.52
4	2170	0.70
5	1389	0.87

2700K

E I 03.8902.40A
03.8902.14A

E I Dali Version
03.8902.40ADA
03.8902.14ADA



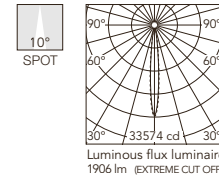
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	32048	0.18
2	8012	0.36
3	3561	0.55
4	2003	0.73
5	1282	0.91

3000K

E I 03.8906.40A
03.8906.14A

E I Dali Version
03.8906.40ADA
03.8906.14ADA



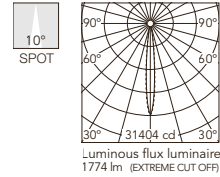
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33574	0.18
2	8394	0.36
3	3730	0.55
4	2098	0.73
5	1343	0.91

2700K

E I 03.8903.40A
03.8903.14A

E I Dali Version
03.8903.40ADA
03.8903.14ADA



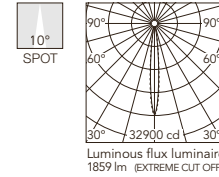
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	31404	0.18
2	7851	0.36
3	3489	0.55
4	1963	0.73
5	1256	0.91

3000K

E I 03.8907.40A
03.8907.14A

E I Dali Version
03.8907.40ADA
03.8907.14ADA



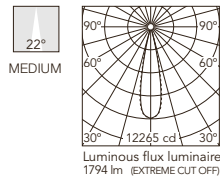
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	32900	0.18
2	8225	0.36
3	3656	0.55
4	2056	0.73
5	1316	0.91

Optic Medium 2700K

E I 03.9341.40A
03.9341.14A

E I Dali Version
03.9341.40ADA
03.9341.14ADA



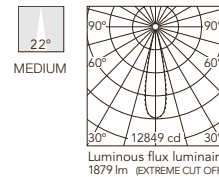
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12265	0.39
2	3066	0.78
3	1363	1.17
4	767	1.56
5	491	1.95

Optic Medium 3000K

E I 03.9351.40A
03.9351.14A

E I Dali Version
03.9351.40ADA
03.9351.14ADA



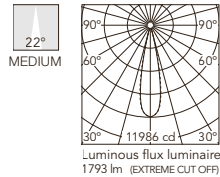
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12849	0.39
2	3212	0.78
3	1428	1.17
4	803	1.56
5	514	1.95

2700K

E I 03.9340.40A
03.9340.14A

E I Dali Version
03.9340.40ADA
03.9340.14ADA



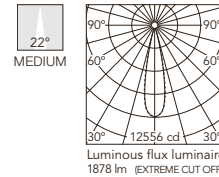
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	11986	0.39
2	2996	0.78
3	1332	1.17
4	749	1.56
5	479	1.95

3000K

E I 03.9350.40A
03.9350.14A

E I Dali Version
03.9350.40ADA
03.9350.14ADA



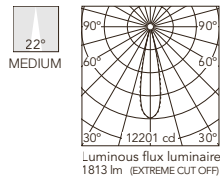
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12556	0.39
2	3139	0.78
3	1395	1.17
4	785	1.56
5	502	1.95

2700K

E I 03.9342.40A
03.9342.14A

E I Dali Version
03.9342.40ADA
03.9342.14ADA



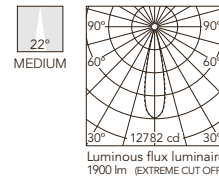
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12201	0.39
2	3050	0.77
3	1356	1.16
4	763	1.55
5	488	1.94

3000K

E I 03.9352.40A
03.9352.14A

E I Dali Version
03.9352.40ADA
03.9352.14ADA



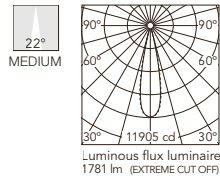
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12782	0.39
2	3196	0.77
3	1420	1.16
4	799	1.55
5	511	1.94

2700K

E I 03.9343.40A
03.9343.14A

E I Dali Version
03.9343.40ADA
03.9343.14ADA



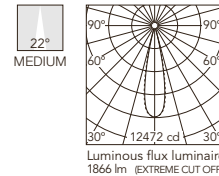
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	11905	0.39
2	2976	0.78
3	1323	1.17
4	744	1.56
5	476	1.95

3000K

E I 03.9353.40A
03.9353.14A

E I Dali Version
03.9353.40ADA
03.9353.14ADA

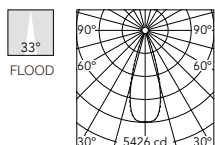


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12472	0.39
2	3118	0.78
3	1386	1.17
4	779	1.56
5	499	1.95

LIGHT SHADOW

Optic Flood
2700K
 E I 03.9346.40A
 03.9346.14A
 E I Dali Version
 03.9346.40ADA
 03.9346.14ADA

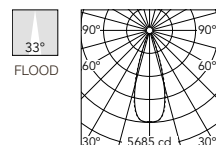


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5426	0.60
2	1357	1.19
3	603	1.79
4	339	2.39
5	217	2.99

Luminous flux luminaire
1735 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9356.40A
 03.9356.14A
 E I Dali Version
 03.9356.40ADA
 03.9356.14ADA

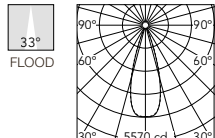


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5685	0.60
2	1421	1.19
3	632	1.79
4	355	2.39
5	227	2.99

Luminous flux luminaire
1818 lm (EXTREME CUT OFF)

Optic Flood
2700K
 E I 03.9345.40A
 03.9345.14A
 E I Dali Version
 03.9345.40ADA
 03.9345.14ADA

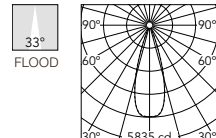


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5570	0.59
2	1392	1.18
3	619	1.78
4	348	2.37
5	223	2.96

Luminous flux luminaire
1787 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9355.40A
 03.9355.14A
 E I Dali Version
 03.9355.40ADA
 03.9355.14ADA

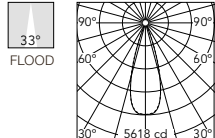


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5835	0.59
2	1459	1.18
3	648	1.78
4	365	2.37
5	233	2.96

Luminous flux luminaire
1872 lm (EXTREME CUT OFF)

Optic Flood
2700K
 E I 03.9347.40A
 03.9347.14A
 E I Dali Version
 03.9347.40ADA
 03.9347.14ADA

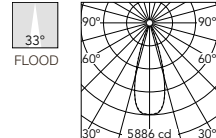


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5618	0.60
2	1405	1.19
3	624	1.79
4	351	2.38
5	225	2.98

Luminous flux luminaire
1814 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9357.40A
 03.9357.14A
 E I Dali Version
 03.9357.40ADA
 03.9357.14ADA

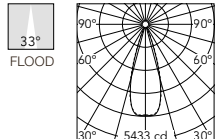


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5886	0.60
2	1472	1.19
3	654	1.79
4	368	2.38
5	235	2.98

Luminous flux luminaire
1901 lm (EXTREME CUT OFF)

Optic Flood
2700K
 E I 03.9348.40A
 03.9348.14A
 E I Dali Version
 03.9348.40ADA
 03.9348.14ADA

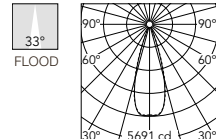


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5433	0.60
2	1358	1.20
3	604	1.79
4	340	2.39
5	217	2.99

Luminous flux luminaire
1765 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9358.40A
 03.9358.14A
 E I Dali Version
 03.9358.40ADA
 03.9358.14ADA

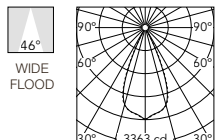


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5691	0.60
2	1423	1.20
3	632	1.79
4	356	2.39
5	228	2.99

Luminous flux luminaire
1850 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.7317.40A
 03.7317.14A
 E I Dali Version
 03.7317.40ADA
 03.7317.14ADA

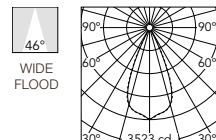


Beam Angle: 46°

h(m)	Et(x)	D(m)
1	3363	0.84
2	841	1.69
3	374	2.53
4	210	3.38
5	135	4.22

Luminous flux luminaire
1773 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.7321.40A
 03.7321.14A
 E I Dali Version
 03.7321.40ADA
 03.7321.14ADA

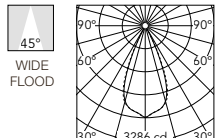


Beam Angle: 46°

h(m)	Et(x)	D(m)
1	3523	0.84
2	881	1.69
3	391	2.53
4	220	3.38
5	141	4.22

Luminous flux luminaire
1858 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.7316.40A
 03.7316.14A
 E I Dali Version
 03.7316.40ADA
 03.7316.14ADA

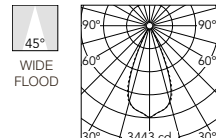


Beam Angle: 45°

h(m)	Et(x)	D(m)
1	3286	0.83
2	822	1.67
3	365	2.50
4	205	3.34
5	131	4.17

Luminous flux luminaire
1763 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.7320.40A
 03.7320.14A
 E I Dali Version
 03.7320.40ADA
 03.7320.14ADA

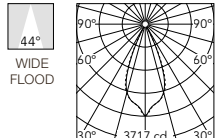


Beam Angle: 45°

h(m)	Et(x)	D(m)
1	3443	0.83
2	861	1.67
3	383	2.50
4	215	3.34
5	138	4.17

Luminous flux luminaire
1847 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.7318.40A
 03.7318.14A
 E I Dali Version
 03.7318.40ADA
 03.7318.14ADA

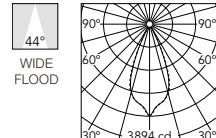


Beam Angle: 44°

h(m)	Et(x)	D(m)
1	3717	0.80
2	929	1.60
3	413	2.40
4	232	3.19
5	149	3.99

Luminous flux luminaire
1783 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.7322.40A
 03.7322.14A
 E I Dali Version
 03.7322.40ADA
 03.7322.14ADA

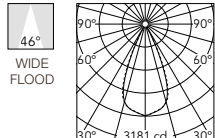


Beam Angle: 44°

h(m)	Et(x)	D(m)
1	3894	0.80
2	973	1.60
3	433	2.40
4	243	3.19
5	156	3.99

Luminous flux luminaire
1868 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.7319.40A
 03.7319.14A
 E I Dali Version
 03.7319.40ADA
 03.7319.14ADA

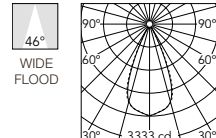


Beam Angle: 46°

h(m)	Et(x)	D(m)
1	3181	0.84
2	795	1.69
3	353	2.53
4	199	3.38
5	127	4.22

Luminous flux luminaire
1727 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.7323.40A
 03.7323.14A
 E I Dali Version
 03.7323.40ADA
 03.7323.14ADA



Beam Angle: 46°

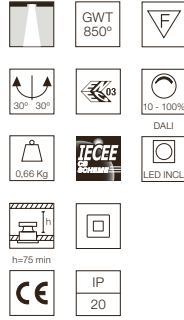
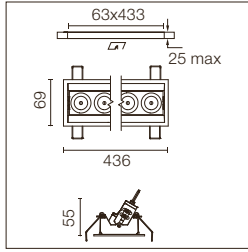
h(m)	Et(x)	D(m)
1	3333	0.84
2	833	1.69
3	370	2.53
4	208	3.38
5	133	4.22

Luminous flux luminaire
1809 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Adjustable Trim 12 Spots

Light Source: Power LED 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90



Appareil encastré à 12 spots LED. Alimentation à distance comprise.

Recessed integrated luminaire with 12 LED lighting spots. Remote power supply included.

Cadre de pré-montage pas nécessaire.

Pre-installation frame not required.

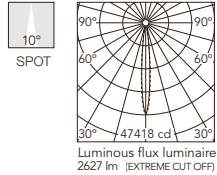
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

Optic Spot 2700K

E I 03.8909.40A
03.8909.14A

E I Dali Version
03.8909.40ADA
03.8909.14ADA



Beam Angle: 10°

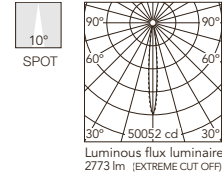
h(m)	E(lx)	D(m)
1	47418	0.18
2	11854	0.36
3	5269	0.54
4	2964	0.72
5	1897	0.90

Luminous flux luminaire 2627 lm (EXTREME CUT OFF)

Optic Spot 3000K

E I 03.8913.40A
03.8913.14A

E I Dali Version
03.8913.40ADA
03.8913.14ADA



Beam Angle: 10°

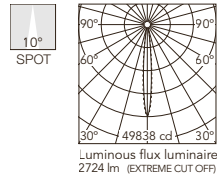
h(m)	E(lx)	D(m)
1	50052	0.18
2	12513	0.36
3	5561	0.54
4	3128	0.72
5	2002	0.90

Luminous flux luminaire 2773 lm (EXTREME CUT OFF)

2700K

E I 03.8908.40A
03.8908.14A

E I Dali Version
03.8908.40ADA
03.8908.14ADA



Beam Angle: 10°

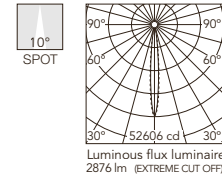
h(m)	E(lx)	D(m)
1	49838	0.17
2	12459	0.35
3	5538	0.52
4	3115	0.70
5	1994	0.87

Luminous flux luminaire 2724 lm (EXTREME CUT OFF)

3000K

E I 03.8912.40A
03.8912.14A

E I Dali Version
03.8912.40ADA
03.8912.14ADA



Beam Angle: 10°

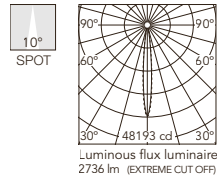
h(m)	E(lx)	D(m)
1	52606	0.17
2	13152	0.35
3	5845	0.52
4	3288	0.70
5	2104	0.87

Luminous flux luminaire 2876 lm (EXTREME CUT OFF)

2700K

E I 03.8910.40A
03.8910.14A

E I Dali Version
03.8910.40ADA
03.8910.14ADA



Beam Angle: 10°

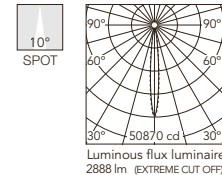
h(m)	E(lx)	D(m)
1	48193	0.18
2	12048	0.36
3	5355	0.55
4	3012	0.73
5	1928	0.91

Luminous flux luminaire 2736 lm (EXTREME CUT OFF)

3000K

E I 03.8914.40A
03.8914.14A

E I Dali Version
03.8914.40ADA
03.8914.14ADA



Beam Angle: 10°

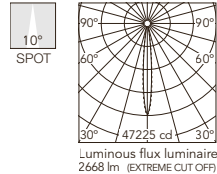
h(m)	E(lx)	D(m)
1	50870	0.18
2	12718	0.36
3	5652	0.55
4	3179	0.73
5	2035	0.91

Luminous flux luminaire 2888 lm (EXTREME CUT OFF)

2700K

E I 03.8911.40A
03.8911.14A

E I Dali Version
03.8911.40ADA
03.8911.14ADA



Beam Angle: 10°

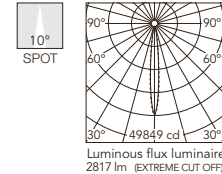
h(m)	E(lx)	D(m)
1	47225	0.18
2	11806	0.36
3	5247	0.55
4	2952	0.73
5	1889	0.91

Luminous flux luminaire 2668 lm (EXTREME CUT OFF)

3000K

E I 03.8915.40A
03.8915.14A

E I Dali Version
03.8915.40ADA
03.8915.14ADA



Beam Angle: 10°

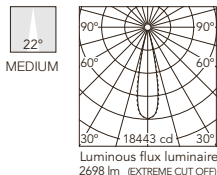
h(m)	E(lx)	D(m)
1	49849	0.18
2	12462	0.36
3	5539	0.55
4	3116	0.73
5	1994	0.91

Luminous flux luminaire 2817 lm (EXTREME CUT OFF)

Optic Medium 2700K

E I 03.9361.40A
03.9361.14A

E I Dali Version
03.9361.40ADA
03.9361.14ADA



Beam Angle: 22°

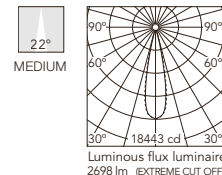
h(m)	E(lx)	D(m)
1	18443	0.39
2	4611	0.78
3	2049	1.17
4	1153	1.56
5	738	1.95

Luminous flux luminaire 2698 lm (EXTREME CUT OFF)

Optic Medium 3000K

E I 03.9371.40A
03.9371.14A

E I Dali Version
03.9371.40ADA
03.9371.14ADA



Beam Angle: 22°

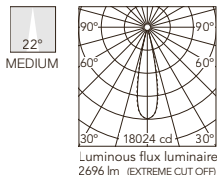
h(m)	E(lx)	D(m)
1	18443	0.39
2	4611	0.78
3	2049	1.17
4	1153	1.56
5	738	1.95

Luminous flux luminaire 2698 lm (EXTREME CUT OFF)

2700K

E I 03.9360.40A
03.9360.14A

E I Dali Version
03.9360.40ADA
03.9360.14ADA



Beam Angle: 22°

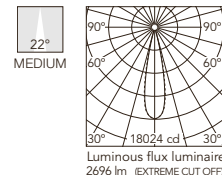
h(m)	E(lx)	D(m)
1	18024	0.39
2	4506	0.78
3	2003	1.17
4	1126	1.56
5	721	1.95

Luminous flux luminaire 2696 lm (EXTREME CUT OFF)

3000K

E I 03.9370.40A
03.9370.14A

E I Dali Version
03.9370.40ADA
03.9370.14ADA



Beam Angle: 22°

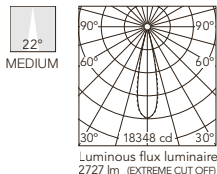
h(m)	E(lx)	D(m)
1	18024	0.39
2	4506	0.78
3	2003	1.17
4	1126	1.56
5	721	1.95

Luminous flux luminaire 2696 lm (EXTREME CUT OFF)

2700K

E I 03.9362.40A
03.9362.14A

E I Dali Version
03.9362.40ADA
03.9362.14ADA



Beam Angle: 22°

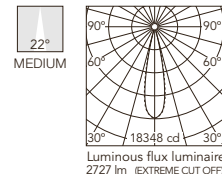
h(m)	E(lx)	D(m)
1	18348	0.39
2	4587	0.77
3	2039	1.16
4	1147	1.55
5	734	1.94

Luminous flux luminaire 2727 lm (EXTREME CUT OFF)

3000K

E I 03.9372.40A
03.9372.14A

E I Dali Version
03.9372.40ADA
03.9372.14ADA



Beam Angle: 22°

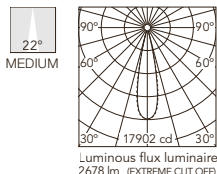
h(m)	E(lx)	D(m)
1	18348	0.39
2	4587	0.77
3	2039	1.16
4	1147	1.55
5	734	1.94

Luminous flux luminaire 2727 lm (EXTREME CUT OFF)

2700K

E I 03.9363.40A
03.9363.14A

E I Dali Version
03.9363.40ADA
03.9363.14ADA



Beam Angle: 22°

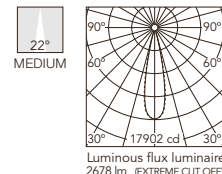
h(m)	E(lx)	D(m)
1	17902	0.39
2	4476	0.78
3	1989	1.17
4	1119	1.56
5	716	1.95

Luminous flux luminaire 2678 lm (EXTREME CUT OFF)

3000K

E I 03.9373.40A
03.9373.14A

E I Dali Version
03.9373.40ADA
03.9373.14ADA



Beam Angle: 22°

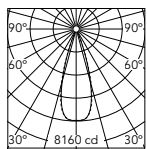
h(m)	E(lx)	D(m)
1	17902	0.39
2	4476	0.78
3	1989	1.17
4	1119	1.56
5	716	1.95

Luminous flux luminaire 2678 lm (EXTREME CUT OFF)

LIGHT SHADOW

Optic Flood

- 2700K**
- E I 03.9366.40A
 - E I 03.9366.14A
 - E I Dali Version
 - E I 03.9366.40ADA
 - E I 03.9366.14ADA



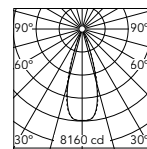
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8160	0.60
2	2040	1.19
3	907	1.79
4	510	2.39
5	326	2.99

Luminous flux luminaire
2610 lm (EXTREME CUT OFF)

Optic Flood

- 3000K**
- E I 03.9376.40A
 - E I 03.9376.14A
 - E I Dali Version
 - E I 03.9376.40ADA
 - E I 03.9376.14ADA

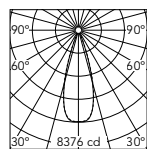


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8160	0.60
2	2040	1.19
3	907	1.79
4	510	2.39
5	326	2.99

Luminous flux luminaire
2610 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.9365.40A
 - E I 03.9365.14A
 - E I Dali Version
 - E I 03.9365.40ADA
 - E I 03.9365.14ADA

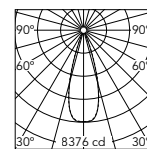


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8376	0.59
2	2094	1.18
3	931	1.78
4	523	2.37
5	335	2.96

Luminous flux luminaire
2687 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.9375.40A
 - E I 03.9375.14A
 - E I Dali Version
 - E I 03.9375.40ADA
 - E I 03.9375.14ADA

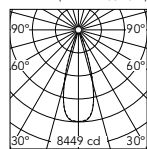


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8376	0.59
2	2094	1.18
3	931	1.78
4	523	2.37
5	335	2.96

Luminous flux luminaire
2687 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.9367.40A
 - E I 03.9367.14A
 - E I Dali Version
 - E I 03.9367.40ADA
 - E I 03.9367.14ADA

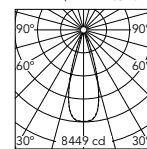


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8449	0.60
2	2112	1.19
3	939	1.79
4	528	2.38
5	338	2.98

Luminous flux luminaire
2728 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.9377.40A
 - E I 03.9377.14A
 - E I Dali Version
 - E I 03.9377.40ADA
 - E I 03.9377.14ADA

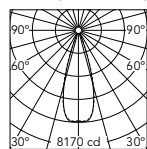


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8449	0.60
2	2112	1.19
3	939	1.79
4	528	2.38
5	338	2.98

Luminous flux luminaire
2728 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.9368.40A
 - E I 03.9368.14A
 - E I Dali Version
 - E I 03.9368.40ADA
 - E I 03.9368.14ADA

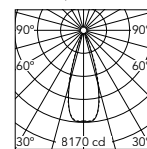


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8170	0.60
2	2042	1.20
3	908	1.79
4	511	2.39
5	327	2.99

Luminous flux luminaire
2655 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.9378.40A
 - E I 03.9378.14A
 - E I Dali Version
 - E I 03.9378.40ADA
 - E I 03.9378.14ADA



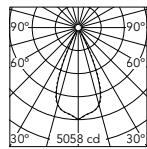
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8170	0.60
2	2042	1.20
3	908	1.79
4	511	2.39
5	327	2.99

Luminous flux luminaire
2655 lm (EXTREME CUT OFF)

Optic Wide Flood

- 2700K**
- E I 03.7325.40A
 - E I 03.7325.14A
 - E I Dali Version
 - E I 03.7325.40ADA
 - E I 03.7325.14ADA



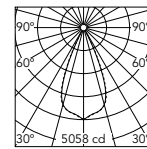
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	5058	0.84
2	1264	1.69
3	562	2.53
4	316	3.38
5	202	4.22

Luminous flux luminaire
2666 lm (EXTREME CUT OFF)

Optic Wide Flood

- 3000K**
- E I 03.7329.40A
 - E I 03.7329.14A
 - E I Dali Version
 - E I 03.7329.40ADA
 - E I 03.7329.14ADA

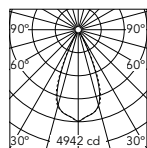


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	5058	0.84
2	1264	1.69
3	562	2.53
4	316	3.38
5	202	4.22

Luminous flux luminaire
2666 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.7324.40A
 - E I 03.7324.14A
 - E I Dali Version
 - E I 03.7324.40ADA
 - E I 03.7324.14ADA

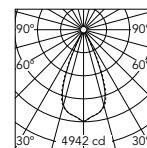


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	4942	0.83
2	1235	1.67
3	549	2.50
4	309	3.34
5	198	4.17

Luminous flux luminaire
2652 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.7328.40A
 - E I 03.7328.14A
 - E I Dali Version
 - E I 03.7328.40ADA
 - E I 03.7328.14ADA

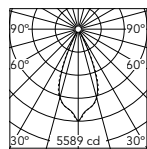


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	4942	0.83
2	1235	1.67
3	549	2.50
4	309	3.34
5	198	4.17

Luminous flux luminaire
2652 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.7326.40A
 - E I 03.7326.14A
 - E I Dali Version
 - E I 03.7326.40ADA
 - E I 03.7326.14ADA

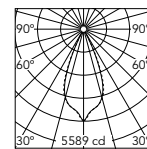


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	5589	0.80
2	1397	1.60
3	621	2.40
4	349	3.19
5	224	3.99

Luminous flux luminaire
2681 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.7330.40A
 - E I 03.7330.14A
 - E I Dali Version
 - E I 03.7330.40ADA
 - E I 03.7330.14ADA

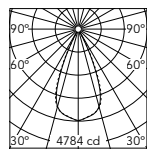


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	5589	0.80
2	1397	1.60
3	621	2.40
4	349	3.19
5	224	3.99

Luminous flux luminaire
2681 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.7327.40A
 - E I 03.7327.14A
 - E I Dali Version
 - E I 03.7327.40ADA
 - E I 03.7327.14ADA

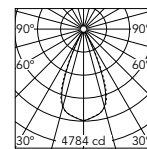


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	4784	0.84
2	1196	1.69
3	532	2.53
4	299	3.38
5	191	4.22

Luminous flux luminaire
2597 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.7331.40A
 - E I 03.7331.14A
 - E I Dali Version
 - E I 03.7331.40ADA
 - E I 03.7331.14ADA



Beam Angle: 46°

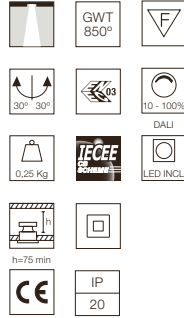
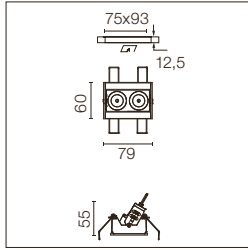
h(m)	E(lx)	D(m)
1	4784	0.84
2	1196	1.69
3	532	2.53
4	299	3.38
5	191	4.22

Luminous flux luminaire
2597 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Adjustable No Trim 2 Spots

Light Source: Power LED 5,4W - 540 lm - 2700K/CRI 90 / 5,4W - 570 lm - 3000K/CRI 90



Appareil encastré à 2 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire with
2 LED lighting spots. Remote power
supply included.

Cadre de pré-montage nécessaire;
à commander séparément.

It requires a pre-installation frame,
to be ordered separately.

E = Finition Externe
I = Finition Interne

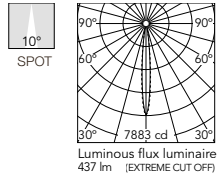
E= External Finish
I= Internal Finish

Optic Spot 2700K

E I 03.8917.40A
03.8917.14A

Dali Version

E I 03.8917.40ADA
03.8917.14ADA



Beam Angle: 10°

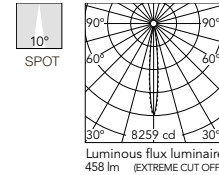
h(m)	E(lx)	D(m)
1	7883	0.18
2	1971	0.36
3	876	0.54
4	493	0.72
5	315	0.90

Optic Spot 3000K

E I 03.8921.40A
03.8921.14A

Dali Version

E I 03.8921.40ADA
03.8921.14ADA



Beam Angle: 10°

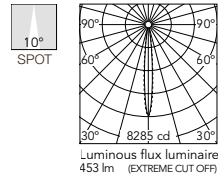
h(m)	E(lx)	D(m)
1	8259	0.18
2	2065	0.36
3	918	0.54
4	516	0.72
5	330	0.90

2700K

E I 03.8916.40A
03.8916.14A

Dali Version

E I 03.8916.40ADA
03.8916.14ADA



Beam Angle: 10°

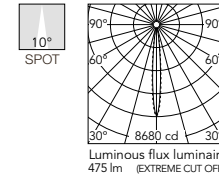
h(m)	E(lx)	D(m)
1	8285	0.17
2	2071	0.35
3	921	0.52
4	518	0.70
5	331	0.87

3000K

E I 03.8920.40A
03.8920.14A

Dali Version

E I 03.8920.40ADA
03.8920.14ADA



Beam Angle: 10°

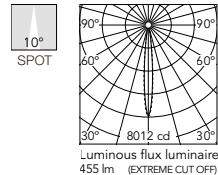
h(m)	E(lx)	D(m)
1	8680	0.17
2	2170	0.35
3	964	0.52
4	542	0.70
5	347	0.87

2700K

E I 03.8918.40A
03.8918.14A

Dali Version

E I 03.8918.40ADA
03.8918.14ADA



Beam Angle: 10°

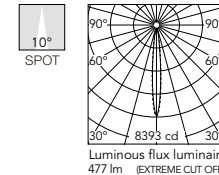
h(m)	E(lx)	D(m)
1	8012	0.18
2	2003	0.36
3	890	0.55
4	501	0.73
5	320	0.91

3000K

E I 03.8922.40A
03.8922.14A

Dali Version

E I 03.8922.40ADA
03.8922.14ADA



Beam Angle: 10°

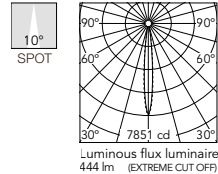
h(m)	E(lx)	D(m)
1	8393	0.18
2	2098	0.36
3	933	0.55
4	525	0.73
5	336	0.91

2700K

E I 03.8919.40A
03.8919.14A

Dali Version

E I 03.8919.40ADA
03.8919.14ADA



Beam Angle: 10°

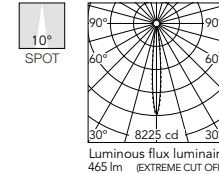
h(m)	E(lx)	D(m)
1	7851	0.18
2	1963	0.36
3	872	0.55
4	491	0.73
5	314	0.91

3000K

E I 03.8923.40A
03.8923.14A

Dali Version

E I 03.8923.40ADA
03.8923.14ADA



Beam Angle: 10°

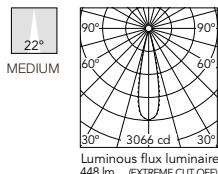
h(m)	E(lx)	D(m)
1	8225	0.18
2	2056	0.36
3	914	0.55
4	514	0.73
5	329	0.91

Optic Medium 2700K

E I 03.9401.40A
03.9401.14A

Dali Version

E I 03.9401.40ADA
03.9401.14ADA



Beam Angle: 22°

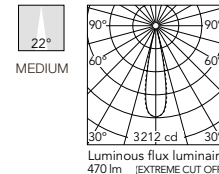
h(m)	E(lx)	D(m)
1	3066	0.39
2	767	0.78
3	341	1.17
4	192	1.56
5	123	1.95

Optic Medium 3000K

E I 03.9411.40A
03.9411.14A

Dali Version

E I 03.9411.40ADA
03.9411.14ADA



Beam Angle: 22°

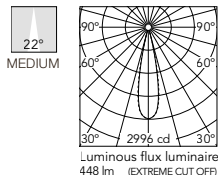
h(m)	E(lx)	D(m)
1	3212	0.39
2	803	0.78
3	357	1.17
4	201	1.56
5	128	1.95

2700K

E I 03.9400.40A
03.9400.14A

Dali Version

E I 03.9400.40ADA
03.9400.14ADA



Beam Angle: 22°

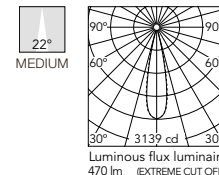
h(m)	E(lx)	D(m)
1	2996	0.39
2	749	0.78
3	333	1.17
4	187	1.56
5	120	1.95

3000K

E I 03.9410.40A
03.9410.14A

Dali Version

E I 03.9410.40ADA
03.9410.14ADA



Beam Angle: 22°

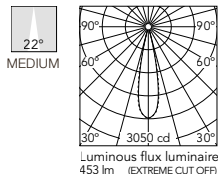
h(m)	E(lx)	D(m)
1	3139	0.39
2	785	0.78
3	349	1.17
4	196	1.56
5	126	1.95

2700K

E I 03.9402.40A
03.9402.14A

Dali Version

E I 03.9402.40ADA
03.9402.14ADA



Beam Angle: 22°

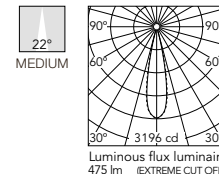
h(m)	E(lx)	D(m)
1	3050	0.39
2	763	0.77
3	339	1.16
4	191	1.55
5	122	1.94

3000K

E I 03.9412.40A
03.9412.14A

Dali Version

E I 03.9412.40ADA
03.9412.14ADA



Beam Angle: 22°

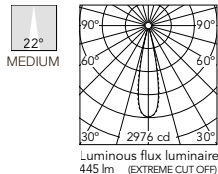
h(m)	E(lx)	D(m)
1	3196	0.39
2	799	0.77
3	355	1.16
4	200	1.55
5	128	1.94

2700K

E I 03.9403.40A
03.9403.14A

Dali Version

E I 03.9403.40ADA
03.9403.14ADA



Beam Angle: 22°

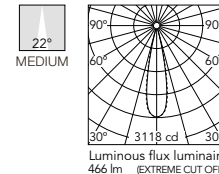
h(m)	E(lx)	D(m)
1	2976	0.39
2	744	0.78
3	331	1.17
4	186	1.56
5	119	1.95

3000K

E I 03.9413.40A
03.9413.14A

Dali Version

E I 03.9413.40ADA
03.9413.14ADA

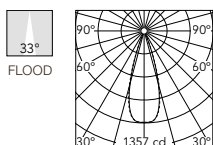


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	3118	0.39
2	779	0.78
3	346	1.17
4	195	1.56
5	125	1.95

LIGHT SHADOW

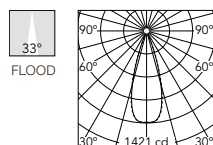
Optic Flood
2700K
 E I 03.9406.40A
 03.9406.14A
 E I Dali Version
 03.9406.40ADA
 03.9406.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1357 0.60
 2 339 1.19
 3 151 1.79
 4 85 2.39
 5 54 2.99

Luminous flux luminaire
 434 lm (EXTREME CUT OFF)

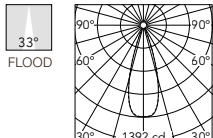
Optic Flood
3000K
 E I 03.9416.40A
 03.9416.14A
 E I Dali Version
 03.9416.40ADA
 03.9416.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1421 0.60
 2 355 1.19
 3 158 1.79
 4 89 2.39
 5 57 2.99

Luminous flux luminaire
 455 lm (EXTREME CUT OFF)

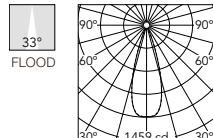
Optic Flood
2700K
 E I 03.9405.40A
 03.9405.14A
 E I Dali Version
 03.9405.40ADA
 03.9405.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1392 0.59
 2 348 1.18
 3 155 1.78
 4 87 2.37
 5 56 2.96

Luminous flux luminaire
 447 lm (EXTREME CUT OFF)

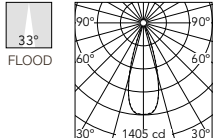
Optic Flood
3000K
 E I 03.9415.40A
 03.9415.14A
 E I Dali Version
 03.9415.40ADA
 03.9415.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1459 0.59
 2 365 1.18
 3 162 1.78
 4 91 2.37
 5 58 2.96

Luminous flux luminaire
 468 lm (EXTREME CUT OFF)

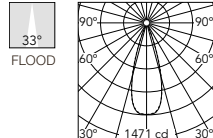
Optic Flood
2700K
 E I 03.9407.40A
 03.9407.14A
 E I Dali Version
 03.9407.40ADA
 03.9407.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1405 0.60
 2 351 1.19
 3 156 1.79
 4 88 2.38
 5 56 2.98

Luminous flux luminaire
 454 lm (EXTREME CUT OFF)

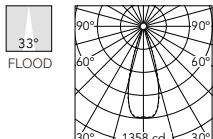
Optic Flood
3000K
 E I 03.9417.40A
 03.9417.14A
 E I Dali Version
 03.9417.40ADA
 03.9417.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1471 0.60
 2 368 1.19
 3 163 1.79
 4 92 2.38
 5 59 2.98

Luminous flux luminaire
 475 lm (EXTREME CUT OFF)

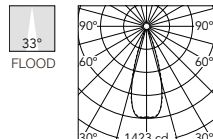
Optic Flood
2700K
 E I 03.9408.40A
 03.9408.14A
 E I Dali Version
 03.9408.40ADA
 03.9408.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1358 0.60
 2 340 1.20
 3 151 1.79
 4 85 2.39
 5 54 2.99

Luminous flux luminaire
 441 lm (EXTREME CUT OFF)

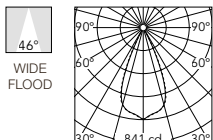
Optic Flood
3000K
 E I 03.9418.40A
 03.9418.14A
 E I Dali Version
 03.9418.40ADA
 03.9418.14ADA



Beam Angle: 33°
 h(m) E(lx) D(m)
 1 1423 0.60
 2 356 1.20
 3 158 1.79
 4 89 2.39
 5 57 2.99

Luminous flux luminaire
 462 lm (EXTREME CUT OFF)

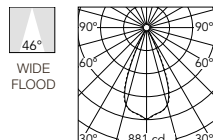
Optic Wide Flood
2700K
 E I 03.7351.40A
 03.7351.14A
 E I Dali Version
 03.7351.40ADA
 03.7351.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 841 0.84
 2 210 1.69
 3 93 2.53
 4 53 3.38
 5 34 4.22

Luminous flux luminaire
 443 lm (EXTREME CUT OFF)

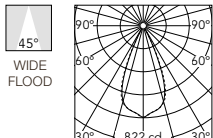
Optic Wide Flood
3000K
 E I 03.7355.40A
 03.7355.14A
 E I Dali Version
 03.7355.40ADA
 03.7355.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 881 0.84
 2 220 1.69
 3 98 2.53
 4 55 3.38
 5 35 4.22

Luminous flux luminaire
 464 lm (EXTREME CUT OFF)

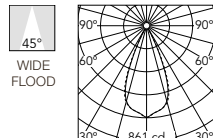
Optic Wide Flood
2700K
 E I 03.7350.40A
 03.7350.14A
 E I Dali Version
 03.7350.40ADA
 03.7350.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 822 0.83
 2 205 1.67
 3 91 2.50
 4 51 3.34
 5 33 4.17

Luminous flux luminaire
 441 lm (EXTREME CUT OFF)

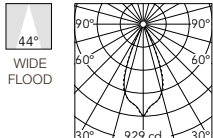
Optic Wide Flood
3000K
 E I 03.7354.40A
 03.7354.14A
 E I Dali Version
 03.7354.40ADA
 03.7354.14ADA



Beam Angle: 45°
 h(m) E(lx) D(m)
 1 861 0.83
 2 215 1.67
 3 96 2.50
 4 54 3.34
 5 34 4.17

Luminous flux luminaire
 462 lm (EXTREME CUT OFF)

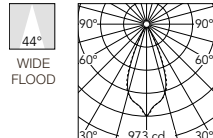
Optic Wide Flood
2700K
 E I 03.7352.40A
 03.7352.14A
 E I Dali Version
 03.7352.40ADA
 03.7352.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 929 0.80
 2 232 1.60
 3 103 2.40
 4 58 3.19
 5 37 3.99

Luminous flux luminaire
 446 lm (EXTREME CUT OFF)

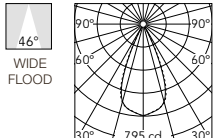
Optic Wide Flood
3000K
 E I 03.7356.40A
 03.7356.14A
 E I Dali Version
 03.7356.40ADA
 03.7356.14ADA



Beam Angle: 44°
 h(m) E(lx) D(m)
 1 973 0.80
 2 243 1.60
 3 108 2.40
 4 61 3.19
 5 39 3.99

Luminous flux luminaire
 467 lm (EXTREME CUT OFF)

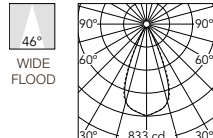
Optic Wide Flood
2700K
 E I 03.7353.40A
 03.7353.14A
 E I Dali Version
 03.7353.40ADA
 03.7353.14ADA



Beam Angle: 46°
 h(m) E(lx) D(m)
 1 795 0.84
 2 199 1.69
 3 88 2.53
 4 50 3.38
 5 32 4.22

Luminous flux luminaire
 432 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.7357.40A
 03.7357.14A
 E I Dali Version
 03.7357.40ADA
 03.7357.14ADA



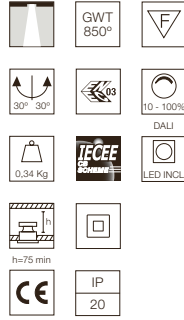
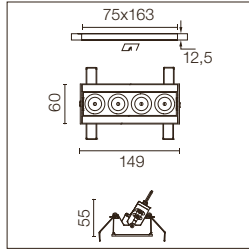
Beam Angle: 46°
 h(m) E(lx) D(m)
 1 833 0.84
 2 208 1.69
 3 93 2.53
 4 52 3.38
 5 33 4.22

Luminous flux luminaire
 452 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Adjustable No Trim 4 Spots

Light Source: Power LED 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Appareil encastré à 4 spots LED.
Alimentation à distance comprise.

Cadre de pré-montage à commander séparément.

E = Finition Externe
I = Finition Interne

Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included.

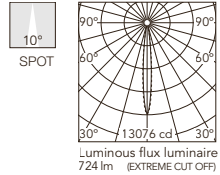
It requires a pre-installation frame, to be ordered separately.

E= External Finish
I= Internal Finish.

Optic Spot 2700K

E I 03.8925.40A
03.8925.14A

E I Dali Version
03.8925.40ADA
03.8925.14ADA



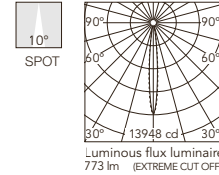
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13076	0.18
2	3269	0.36
3	1453	0.54
4	817	0.72
5	523	0.90

Optic Spot 3000K

E I 03.8929.40A
03.8929.14A

E I Dali Version
03.8929.40ADA
03.8929.14ADA



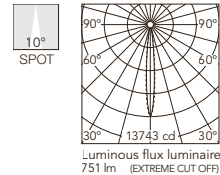
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13948	0.18
2	3487	0.36
3	1550	0.54
4	872	0.72
5	558	0.90

2700K

E I 03.8924.40A
03.8924.14A

E I Dali Version
03.8924.40ADA
03.8924.14ADA



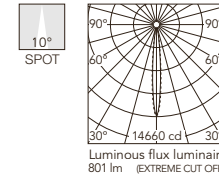
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13743	0.17
2	3436	0.35
3	1527	0.52
4	859	0.70
5	550	0.87

3000K

E I 03.8928.40A
03.8928.14A

E I Dali Version
03.8928.40ADA
03.8928.14ADA



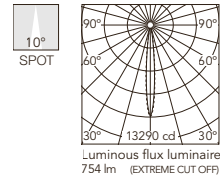
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	14660	0.17
2	3665	0.35
3	1629	0.52
4	916	0.70
5	586	0.87

2700K

E I 03.8926.40A
03.8926.14A

E I Dali Version
03.8926.40ADA
03.8926.14ADA



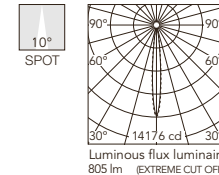
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13290	0.18
2	3322	0.36
3	1477	0.55
4	831	0.73
5	532	0.91

3000K

E I 03.8930.40A
03.8930.14A

E I Dali Version
03.8930.40ADA
03.8930.14ADA



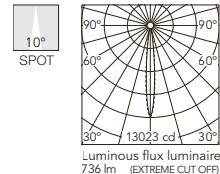
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	14176	0.18
2	3544	0.36
3	1575	0.55
4	886	0.73
5	567	0.91

2700K

E I 03.8927.40A
03.8927.14A

E I Dali Version
03.8927.40ADA
03.8927.14ADA



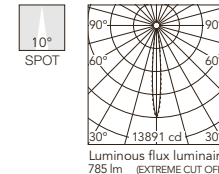
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13023	0.18
2	3256	0.36
3	1447	0.55
4	814	0.73
5	521	0.91

3000K

E I 03.8931.40A
03.8931.14A

E I Dali Version
03.8931.40ADA
03.8931.14ADA



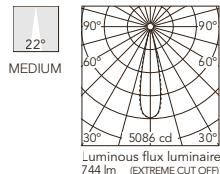
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	13891	0.18
2	3473	0.36
3	1543	0.55
4	868	0.73
5	556	0.91

Optic Medium 2700K

E I 03.9421.40A
03.9421.14A

E I Dali Version
03.9421.40ADA
03.9421.14ADA



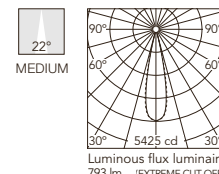
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5086	0.39
2	1272	0.78
3	565	1.17
4	318	1.56
5	203	1.95

Optic Medium 3000K

E I 03.9431.40A
03.9431.14A

E I Dali Version
03.9431.40ADA
03.9431.14ADA



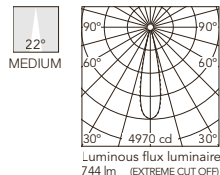
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5425	0.39
2	1356	0.78
3	603	1.17
4	339	1.56
5	217	1.95

2700K

E I 03.9420.40A
03.9420.14A

E I Dali Version
03.9420.40ADA
03.9420.14ADA



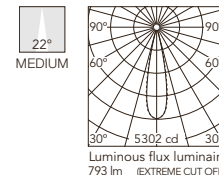
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	4970	0.39
2	1243	0.78
3	552	1.17
4	311	1.56
5	199	1.95

3000K

E I 03.9430.40A
03.9430.14A

E I Dali Version
03.9430.40ADA
03.9430.14ADA



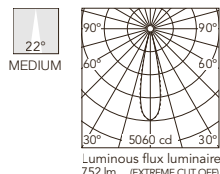
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5302	0.39
2	1325	0.78
3	589	1.17
4	331	1.56
5	212	1.95

2700K

E I 03.9422.40A
03.9422.14A

E I Dali Version
03.9422.40ADA
03.9422.14ADA



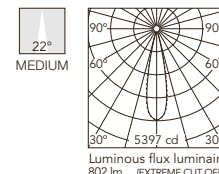
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5060	0.39
2	1265	0.77
3	562	1.16
4	316	1.55
5	202	1.94

3000K

E I 03.9432.40A
03.9432.14A

E I Dali Version
03.9432.40ADA
03.9432.14ADA



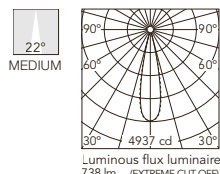
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5397	0.39
2	1349	0.77
3	600	1.16
4	337	1.55
5	216	1.94

2700K

E I 03.9423.40A
03.9423.14A

E I Dali Version
03.9423.40ADA
03.9423.14ADA



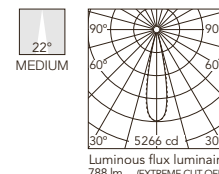
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	4937	0.39
2	1234	0.78
3	549	1.17
4	309	1.56
5	197	1.95

3000K

E I 03.9433.40A
03.9433.14A

E I Dali Version
03.9433.40ADA
03.9433.14ADA

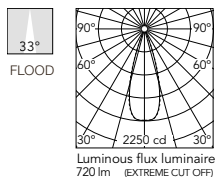


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5266	0.39
2	1316	0.78
3	585	1.17
4	329	1.56
5	211	1.95

LIGHT SHADOW

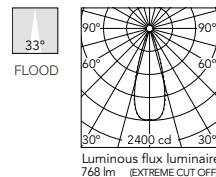
Optic Flood
2700K
E I 03.9426.40A
E I 03.9426.14A
E I Dali Version
E I 03.9426.40ADA
E I 03.9426.14ADA



Beam Angle: 33°
h(m) E(lx) D(m)

1	2250	0.60
2	563	1.19
3	250	1.79
4	141	2.39
5	90	2.99

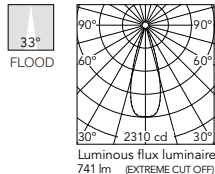
Optic Flood
3000K
E I 03.9436.40A
E I 03.9436.14A
E I Dali Version
E I 03.9436.40ADA
E I 03.9436.14ADA



Beam Angle: 33°
h(m) E(lx) D(m)

1	2400	0.60
2	600	1.19
3	267	1.79
4	150	2.39
5	96	2.99

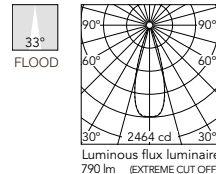
Optic Flood
2700K
E I 03.9425.40A
E I 03.9425.14A
E I Dali Version
E I 03.9425.40ADA
E I 03.9425.14ADA



Beam Angle: 33°
h(m) E(lx) D(m)

1	2310	0.59
2	577	1.18
3	257	1.78
4	144	2.37
5	92	2.96

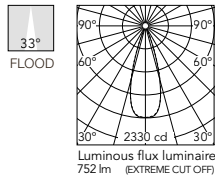
Optic Flood
3000K
E I 03.9435.40A
E I 03.9435.14A
E I Dali Version
E I 03.9435.40ADA
E I 03.9435.14ADA



Beam Angle: 33°
h(m) E(lx) D(m)

1	2464	0.59
2	616	1.18
3	274	1.78
4	154	2.37
5	99	2.96

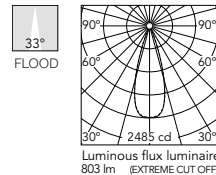
Optic Flood
2700K
E I 03.9427.40A
E I 03.9427.14A
E I Dali Version
E I 03.9427.40ADA
E I 03.9427.14ADA



Beam Angle: 33°
h(m) E(lx) D(m)

1	2330	0.60
2	582	1.19
3	259	1.79
4	146	2.38
5	93	2.98

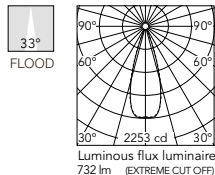
Optic Flood
3000K
E I 03.9437.40A
E I 03.9437.14A
E I Dali Version
E I 03.9437.40ADA
E I 03.9437.14ADA



Beam Angle: 33°
h(m) E(lx) D(m)

1	2485	0.60
2	621	1.19
3	276	1.79
4	155	2.38
5	99	2.98

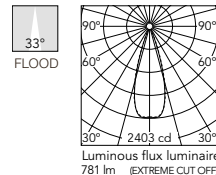
Optic Flood
2700K
E I 03.9428.40A
E I 03.9428.14A
E I Dali Version
E I 03.9428.40ADA
E I 03.9428.14ADA



Beam Angle: 33°
h(m) E(lx) D(m)

1	2253	0.60
2	563	1.20
3	250	1.79
4	141	2.39
5	90	2.99

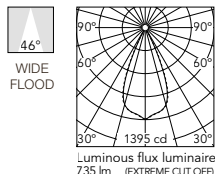
Optic Flood
3000K
E I 03.9438.40A
E I 03.9438.14A
E I Dali Version
E I 03.9438.40ADA
E I 03.9438.14ADA



Beam Angle: 33°
h(m) E(lx) D(m)

1	2403	0.60
2	601	1.20
3	267	1.79
4	150	2.39
5	96	2.99

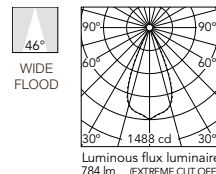
Optic Wide Flood
2700K
E I 03.7359.40A
E I 03.7359.14A
E I Dali Version
E I 03.7359.40ADA
E I 03.7359.14ADA



Beam Angle: 46°
h(m) E(lx) D(m)

1	1395	0.84
2	349	1.69
3	155	2.53
4	87	3.38
5	56	4.22

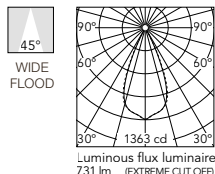
Optic Wide Flood
3000K
E I 03.7363.40A
E I 03.7363.14A
E I Dali Version
E I 03.7363.40ADA
E I 03.7363.14ADA



Beam Angle: 46°
h(m) E(lx) D(m)

1	1488	0.84
2	372	1.69
3	165	2.53
4	93	3.38
5	60	4.22

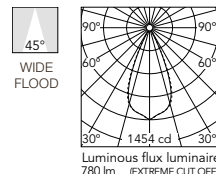
Optic Wide Flood
2700K
E I 03.7358.40A
E I 03.7358.14A
E I Dali Version
E I 03.7358.40ADA
E I 03.7358.14ADA



Beam Angle: 45°
h(m) E(lx) D(m)

1	1363	0.83
2	341	1.67
3	151	2.50
4	85	3.34
5	55	4.17

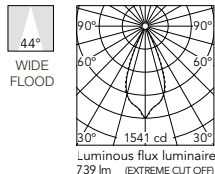
Optic Wide Flood
3000K
E I 03.7362.40A
E I 03.7362.14A
E I Dali Version
E I 03.7362.40ADA
E I 03.7362.14ADA



Beam Angle: 45°
h(m) E(lx) D(m)

1	1454	0.83
2	363	1.67
3	162	2.50
4	91	3.34
5	58	4.17

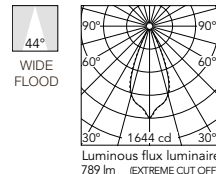
Optic Wide Flood
2700K
E I 03.7360.40A
E I 03.7360.14A
E I Dali Version
E I 03.7360.40ADA
E I 03.7360.14ADA



Beam Angle: 44°
h(m) E(lx) D(m)

1	1541	0.80
2	385	1.60
3	171	2.40
4	96	3.19
5	62	3.99

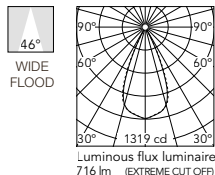
Optic Wide Flood
3000K
E I 03.7364.40A
E I 03.7364.14A
E I Dali Version
E I 03.7364.40ADA
E I 03.7364.14ADA



Beam Angle: 44°
h(m) E(lx) D(m)

1	1644	0.80
2	411	1.60
3	183	2.40
4	103	3.19
5	66	3.99

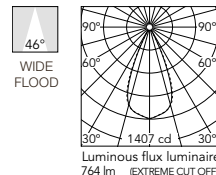
Optic Wide Flood
2700K
E I 03.7361.40A
E I 03.7361.14A
E I Dali Version
E I 03.7361.40ADA
E I 03.7361.14ADA



Beam Angle: 46°
h(m) E(lx) D(m)

1	1319	0.84
2	330	1.69
3	147	2.53
4	82	3.38
5	53	4.22

Optic Wide Flood
3000K
E I 03.7365.40A
E I 03.7365.14A
E I Dali Version
E I 03.7365.40ADA
E I 03.7365.14ADA



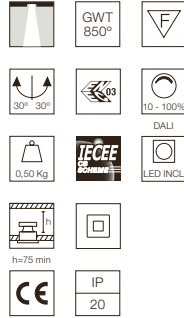
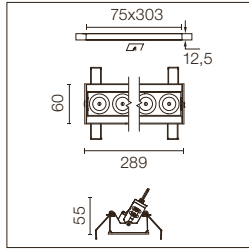
Beam Angle: 46°
h(m) E(lx) D(m)

1	1407	0.84
2	352	1.69
3	156	2.53
4	88	3.38
5	56	4.22

LIGHT SHADOW

Light Shadow Adjustable No Trim 8 Spots

Light Source: Power LED 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90



Appareil encastré à 8 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire with
8 LED lighting spots. Remote power
supply included.

Cadre de pré-montage nécessaire; à
commander séparément.

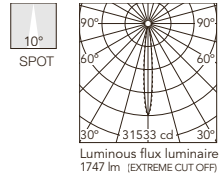
It requires a pre-installation frame,
to be ordered separately.

E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

Optic Spot 2700K

E I 03.8933.40A
03.8933.14A
Dali Version
03.8933.40ADA
03.8933.14ADA

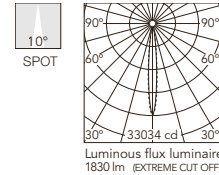


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	31533	0.18
2	7883	0.36
3	3504	0.54
4	1971	0.72
5	1261	0.90

Optic Spot 3000K

E I 03.8937.40A
03.8937.14A
Dali Version
03.8937.40ADA
03.8937.14ADA

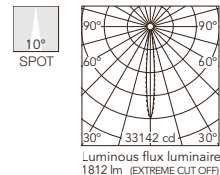


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33034	0.18
2	8259	0.36
3	3670	0.54
4	2065	0.72
5	1321	0.90

2700K

E I 03.8932.40A
03.8932.14A
Dali Version
03.8932.40ADA
03.8932.14ADA

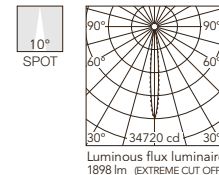


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33142	0.17
2	8285	0.35
3	3682	0.52
4	2071	0.70
5	1326	0.87

3000K

E I 03.8936.40A
03.8936.14A
Dali Version
03.8936.40ADA
03.8936.14ADA

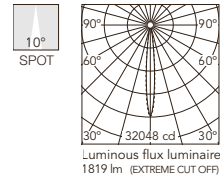


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	34720	0.17
2	8680	0.35
3	3858	0.52
4	2170	0.70
5	1389	0.87

2700K

E I 03.8934.40A
03.8934.14A
Dali Version
03.8934.40ADA
03.8934.14ADA

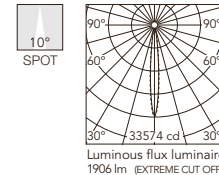


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	32048	0.18
2	8012	0.36
3	3561	0.55
4	2003	0.73
5	1282	0.91

3000K

E I 03.8938.40A
03.8938.14A
Dali Version
03.8938.40ADA
03.8938.14ADA

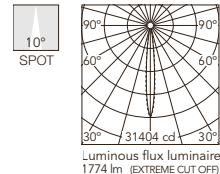


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	33574	0.18
2	8394	0.36
3	3730	0.55
4	2098	0.73
5	1343	0.91

2700K

E I 03.8935.40A
03.8935.14A
Dali Version
03.8935.40ADA
03.8935.14ADA

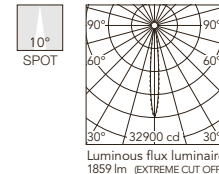


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	31404	0.18
2	7851	0.36
3	3489	0.55
4	1963	0.73
5	1256	0.91

3000K

E I 03.8939.40A
03.8939.14A
Dali Version
03.8939.40ADA
03.8939.14ADA

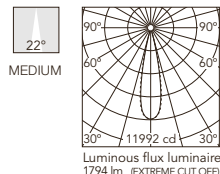


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	32900	0.18
2	8225	0.36
3	3656	0.55
4	2056	0.73
5	1316	0.91

Optic Medium 2700K

E I 03.9441.40A
03.9441.14A
Dali Version
03.9441.40ADA
03.9441.14ADA

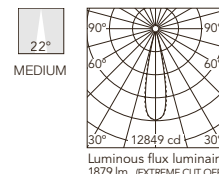


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	11992	0.39
2	2998	0.78
3	1332	1.17
4	750	1.56
5	480	1.95

Optic Medium 3000K

E I 03.9451.40A
03.9451.14A
Dali Version
03.9451.40ADA
03.9451.14ADA

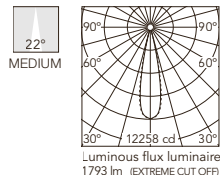


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12849	0.39
2	3212	0.78
3	1428	1.17
4	803	1.56
5	514	1.95

2700K

E I 03.9440.40A
03.9440.14A
Dali Version
03.9440.40ADA
03.9440.14ADA

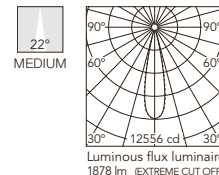


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12258	0.39
2	3065	0.78
3	1362	1.17
4	766	1.56
5	490	1.95

3000K

E I 03.9450.40A
03.9450.14A
Dali Version
03.9450.40ADA
03.9450.14ADA

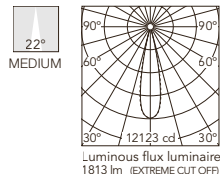


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12556	0.39
2	3139	0.78
3	1395	1.17
4	785	1.56
5	502	1.95

2700K

E I 03.9442.40A
03.9442.14A
Dali Version
03.9442.40ADA
03.9442.14ADA

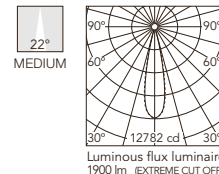


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12123	0.39
2	3031	0.78
3	1347	1.17
4	758	1.56
5	485	1.95

3000K

E I 03.9452.40A
03.9452.14A
Dali Version
03.9452.40ADA
03.9452.14ADA

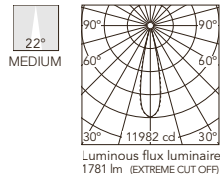


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12782	0.39
2	3196	0.77
3	1420	1.16
4	799	1.55
5	511	1.94

2700K

E I 03.9443.40A
03.9443.14A
Dali Version
03.9443.40ADA
03.9443.14ADA

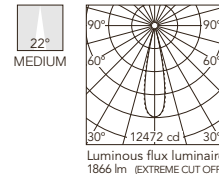


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	11982	0.39
2	2995	0.77
3	1331	1.16
4	749	1.55
5	479	1.94

3000K

E I 03.9453.40A
03.9453.14A
Dali Version
03.9453.40ADA
03.9453.14ADA



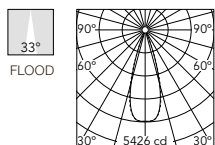
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	12472	0.39
2	3118	0.78
3	1386	1.17
4	779	1.56
5	499	1.95

LIGHT SHADOW

Optic Flood

- 2700K**
- E I 03.9446.40A
 - E I 03.9446.14A
 - E I Dali Version
 - E I 03.9446.40ADA
 - E I 03.9446.14ADA



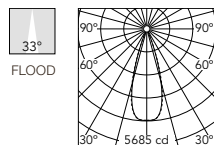
Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5426	0.60
2	1357	1.19
3	603	1.79
4	339	2.39
5	217	2.99

Luminous flux luminaire
1735 lm (EXTREME CUT OFF)

Optic Flood

- 3000K**
- E I 03.9456.40A
 - E I 03.9456.14A
 - E I Dali Version
 - E I 03.9456.40ADA
 - E I 03.9456.14ADA

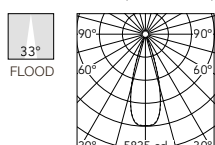


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5685	0.60
2	1421	1.19
3	632	1.79
4	355	2.39
5	227	2.99

Luminous flux luminaire
1818 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.9445.40A
 - E I 03.9445.14A
 - E I Dali Version
 - E I 03.9445.40ADA
 - E I 03.9445.14ADA

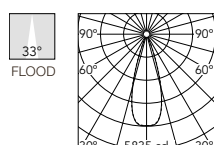


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5835	0.59
2	1459	1.18
3	648	1.78
4	365	2.37
5	233	2.96

Luminous flux luminaire
1872 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.9455.40A
 - E I 03.9455.14A
 - E I Dali Version
 - E I 03.9455.40ADA
 - E I 03.9455.14ADA

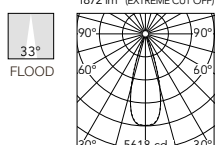


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5835	0.59
2	1459	1.18
3	648	1.78
4	365	2.37
5	233	2.96

Luminous flux luminaire
1872 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.9447.40A
 - E I 03.9447.14A
 - E I Dali Version
 - E I 03.9447.40ADA
 - E I 03.9447.14ADA

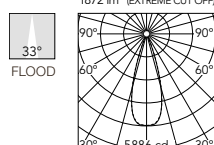


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5618	0.60
2	1405	1.19
3	624	1.79
4	351	2.38
5	225	2.98

Luminous flux luminaire
1814 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.9457.40A
 - E I 03.9457.14A
 - E I Dali Version
 - E I 03.9457.40ADA
 - E I 03.9457.14ADA

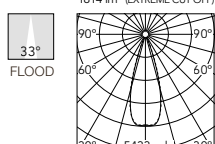


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5886	0.60
2	1472	1.19
3	654	1.79
4	368	2.38
5	235	2.98

Luminous flux luminaire
1901 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.9448.40A
 - E I 03.9448.14A
 - E I Dali Version
 - E I 03.9448.40ADA
 - E I 03.9448.14ADA

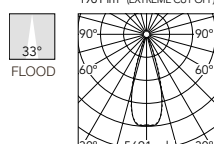


Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5433	0.60
2	1358	1.20
3	604	1.79
4	340	2.39
5	217	2.99

Luminous flux luminaire
1765 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.9458.40A
 - E I 03.9458.14A
 - E I Dali Version
 - E I 03.9458.40ADA
 - E I 03.9458.14ADA



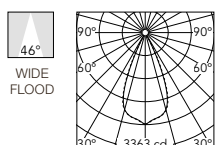
Beam Angle: 33°

h(m)	Et(x)	D(m)
1	5691	0.60
2	1423	1.20
3	632	1.79
4	356	2.39
5	228	2.99

Luminous flux luminaire
1850 lm (EXTREME CUT OFF)

Optic Wide Flood

- 2700K**
- E I 03.7367.40A
 - E I 03.7367.14A
 - E I Dali Version
 - E I 03.7367.40ADA
 - E I 03.7367.14ADA



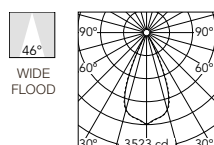
Beam Angle: 46°

h(m)	Et(x)	D(m)
1	3363	0.84
2	841	1.69
3	374	2.53
4	210	3.38
5	135	4.22

Luminous flux luminaire
1773 lm (EXTREME CUT OFF)

Optic Wide Flood

- 3000K**
- E I 03.7371.40A
 - E I 03.7371.14A
 - E I Dali Version
 - E I 03.7371.40ADA
 - E I 03.7371.14ADA

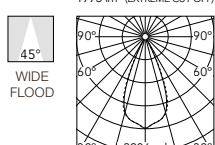


Beam Angle: 46°

h(m)	Et(x)	D(m)
1	3523	0.84
2	881	1.69
3	391	2.53
4	220	3.38
5	141	4.22

Luminous flux luminaire
1858 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.7366.40A
 - E I 03.7366.14A
 - E I Dali Version
 - E I 03.7366.40ADA
 - E I 03.7366.14ADA

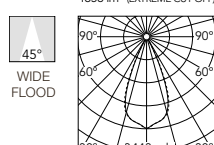


Beam Angle: 45°

h(m)	Et(x)	D(m)
1	3286	0.83
2	822	1.67
3	365	2.50
4	205	3.34
5	131	4.17

Luminous flux luminaire
1763 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.7370.40A
 - E I 03.7370.14A
 - E I Dali Version
 - E I 03.7370.40ADA
 - E I 03.7370.14ADA

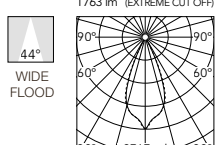


Beam Angle: 45°

h(m)	Et(x)	D(m)
1	3443	0.83
2	861	1.67
3	383	2.50
4	215	3.34
5	138	4.17

Luminous flux luminaire
1847 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.7368.40A
 - E I 03.7368.14A
 - E I Dali Version
 - E I 03.7368.40ADA
 - E I 03.7368.14ADA

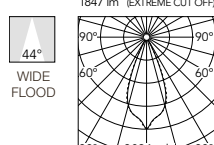


Beam Angle: 44°

h(m)	Et(x)	D(m)
1	3717	0.80
2	929	1.60
3	413	2.40
4	232	3.19
5	149	3.99

Luminous flux luminaire
1783 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.7372.40A
 - E I 03.7372.14A
 - E I Dali Version
 - E I 03.7372.40ADA
 - E I 03.7372.14ADA

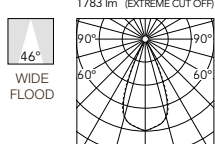


Beam Angle: 44°

h(m)	Et(x)	D(m)
1	3894	0.80
2	973	1.60
3	433	2.40
4	243	3.19
5	156	3.99

Luminous flux luminaire
1868 lm (EXTREME CUT OFF)

- 2700K**
- E I 03.7369.40A
 - E I 03.7369.14A
 - E I Dali Version
 - E I 03.7369.40ADA
 - E I 03.7369.14ADA

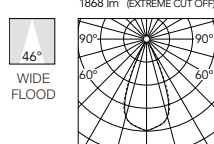


Beam Angle: 46°

h(m)	Et(x)	D(m)
1	3181	0.84
2	795	1.69
3	353	2.53
4	199	3.38
5	127	4.22

Luminous flux luminaire
1727 lm (EXTREME CUT OFF)

- 3000K**
- E I 03.7373.40A
 - E I 03.7373.14A
 - E I Dali Version
 - E I 03.7373.40ADA
 - E I 03.7373.14ADA



Beam Angle: 46°

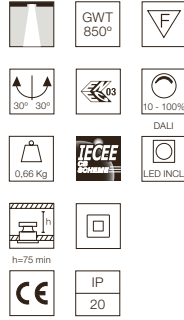
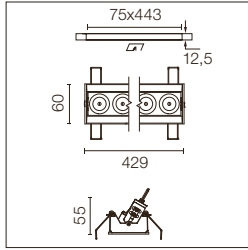
h(m)	Et(x)	D(m)
1	3333	0.84
2	833	1.69
3	370	2.53
4	208	3.38
5	133	4.22

Luminous flux luminaire
1809 lm (EXTREME CUT OFF)

LIGHT SHADOW

Light Shadow Adjustable No Trim 12 Spots

Light Source: Power LED 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90



Appareil encastré à 12 spots LED.
Alimentation à distance comprise.

Recessed integrated luminaire
with 12 LED lighting spots. Remote
power supply included.

Cadre de pré-montage nécessaire; à
commander séparément.

It requires a pre-installation frame,
to be ordered separately.

E = Finition Externe
I = Finition Interne

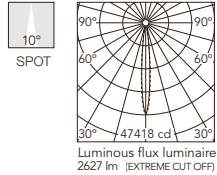
E= External Finish
I= Internal Finish

Optic Spot 2700K

E I 03.8941.40A
03.8941.14A

Dali Version

E I 03.8941.40ADA
03.8941.14ADA



Beam Angle: 10°

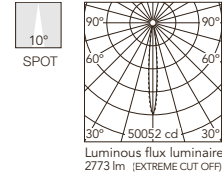
h(m)	E(lx)	D(m)
1	47418	0.18
2	11854	0.36
3	5269	0.54
4	2964	0.72
5	1897	0.90

Optic Spot 3000K

E I 03.8945.40A
03.8945.14A

Dali Version

E I 03.8945.40ADA
03.8945.14ADA



Beam Angle: 10°

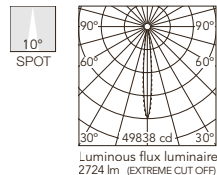
h(m)	E(lx)	D(m)
1	50052	0.18
2	12513	0.36
3	5561	0.54
4	3128	0.72
5	2002	0.90

2700K

E I 03.8940.40A
03.8940.14A

Dali Version

E I 03.8940.40ADA
03.8940.14ADA



Beam Angle: 10°

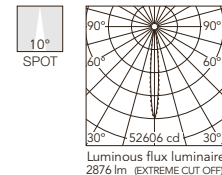
h(m)	E(lx)	D(m)
1	49838	0.17
2	12459	0.35
3	5538	0.52
4	3115	0.70
5	1994	0.87

3000K

E I 03.8944.40A
03.8944.14A

Dali Version

E I 03.8944.40ADA
03.8944.14ADA



Beam Angle: 10°

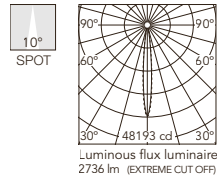
h(m)	E(lx)	D(m)
1	52606	0.17
2	13152	0.35
3	5845	0.52
4	3288	0.70
5	2104	0.87

2700K

E I 03.8942.40A
03.8942.14A

Dali Version

E I 03.8942.40ADA
03.8942.14ADA



Beam Angle: 10°

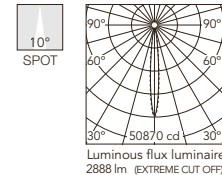
h(m)	E(lx)	D(m)
1	48193	0.18
2	12048	0.36
3	5355	0.55
4	3012	0.73
5	1928	0.91

3000K

E I 03.8946.40A
03.8946.14A

Dali Version

E I 03.8946.40ADA
03.8946.14ADA



Beam Angle: 10°

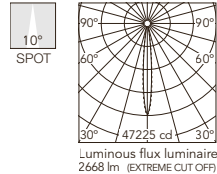
h(m)	E(lx)	D(m)
1	50870	0.18
2	12718	0.36
3	5652	0.55
4	3179	0.73
5	2035	0.91

2700K

E I 03.8943.40A
03.8943.14A

Dali Version

E I 03.8943.40ADA
03.8943.14ADA



Beam Angle: 10°

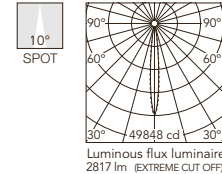
h(m)	E(lx)	D(m)
1	47225	0.18
2	11806	0.36
3	5247	0.55
4	2952	0.73
5	1889	0.91

3000K

E I 03.8947.40A
03.8947.14A

Dali Version

E I 03.8947.40ADA
03.8947.14ADA



Beam Angle: 10°

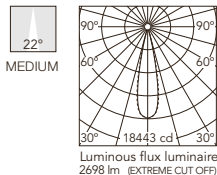
h(m)	E(lx)	D(m)
1	49848	0.18
2	12462	0.36
3	5539	0.55
4	3116	0.73
5	1994	0.91

Optic Medium 2700K

E I 03.9461.40A
03.9461.14A

Dali Version

E I 03.9461.40ADA
03.9461.14ADA



Beam Angle: 22°

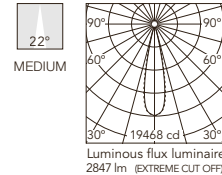
h(m)	E(lx)	D(m)
1	18443	0.39
2	4611	0.78
3	2049	1.17
4	1153	1.56
5	738	1.95

Optic Medium 3000K

E I 03.9471.40A
03.9471.14A

Dali Version

E I 03.9471.40ADA
03.9471.14ADA



Beam Angle: 22°

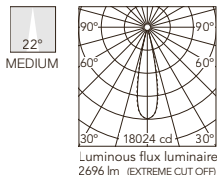
h(m)	E(lx)	D(m)
1	19468	0.39
2	4867	0.78
3	2163	1.17
4	1217	1.56
5	779	1.95

2700K

E I 03.9460.40A
03.9460.14A

Dali Version

E I 03.9460.40ADA
03.9460.14ADA



Beam Angle: 22°

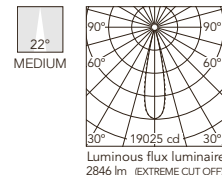
h(m)	E(lx)	D(m)
1	18024	0.39
2	4506	0.78
3	2003	1.17
4	1126	1.56
5	721	1.95

3000K

E I 03.9470.40A
03.9470.14A

Dali Version

E I 03.9470.40ADA
03.9470.14ADA



Beam Angle: 22°

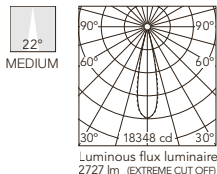
h(m)	E(lx)	D(m)
1	19025	0.39
2	4756	0.78
3	2114	1.17
4	1189	1.56
5	761	1.95

2700K

E I 03.9462.40A
03.9462.14A

Dali Version

E I 03.9462.40ADA
03.9462.14ADA



Beam Angle: 22°

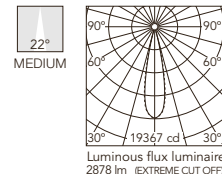
h(m)	E(lx)	D(m)
1	18348	0.39
2	4587	0.77
3	2039	1.16
4	1147	1.55
5	734	1.94

3000K

E I 03.9472.40A
03.9472.14A

Dali Version

E I 03.9472.40ADA
03.9472.14ADA



Beam Angle: 22°

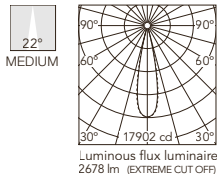
h(m)	E(lx)	D(m)
1	19367	0.39
2	4842	0.77
3	2152	1.16
4	1210	1.55
5	775	1.94

2700K

E I 03.9463.40A
03.9463.14A

Dali Version

E I 03.9463.40ADA
03.9463.14ADA



Beam Angle: 22°

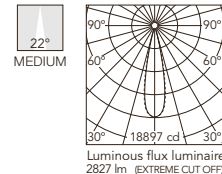
h(m)	E(lx)	D(m)
1	17902	0.39
2	4476	0.78
3	1989	1.17
4	1119	1.56
5	716	1.95

3000K

E I 03.9473.40A
03.9473.14A

Dali Version

E I 03.9473.40ADA
03.9473.14ADA

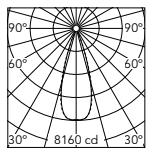


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	18897	0.39
2	4724	0.78
3	2100	1.17
4	1181	1.56
5	756	1.95

LIGHT SHADOW

Optic Flood
2700K
 E I 03.9466.40A
 03.9466.14A
 E I Dali Version
 03.9466.40ADA
 03.9466.14ADA

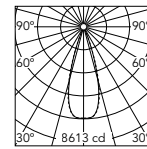


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8160	0.60
2	2040	1.19
3	907	1.79
4	510	2.39
5	326	2.99

Luminous flux luminaire
2610 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9476.40A
 03.9476.14A
 E I Dali Version
 03.9476.40ADA
 03.9476.14ADA

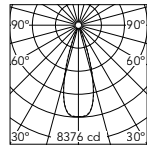


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8613	0.60
2	2153	1.19
3	957	1.79
4	538	2.39
5	345	2.99

Luminous flux luminaire
2755 lm (EXTREME CUT OFF)

Optic Flood
2700K
 E I 03.9465.40A
 03.9465.14A
 E I Dali Version
 03.9465.40ADA
 03.9465.14ADA

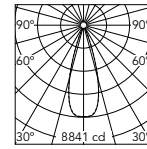


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8376	0.59
2	2094	1.18
3	931	1.78
4	523	2.37
5	335	2.96

Luminous flux luminaire
2687 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9475.40A
 03.9475.14A
 E I Dali Version
 03.9475.40ADA
 03.9475.14ADA

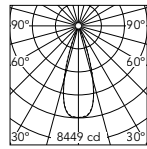


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8841	0.59
2	2210	1.18
3	982	1.78
4	553	2.37
5	354	2.96

Luminous flux luminaire
2836 lm (EXTREME CUT OFF)

Optic Flood
2700K
 E I 03.9467.40A
 03.9467.14A
 E I Dali Version
 03.9467.40ADA
 03.9467.14ADA

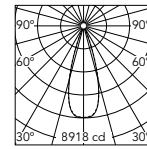


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8449	0.60
2	2112	1.19
3	939	1.79
4	528	2.38
5	338	2.98

Luminous flux luminaire
2728 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9477.40A
 03.9477.14A
 E I Dali Version
 03.9477.40ADA
 03.9477.14ADA

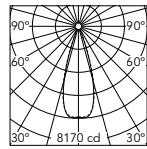


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8918	0.60
2	2230	1.19
3	991	1.79
4	557	2.38
5	357	2.98

Luminous flux luminaire
2880 lm (EXTREME CUT OFF)

Optic Flood
2700K
 E I 03.9468.40A
 03.9468.14A
 E I Dali Version
 03.9468.40ADA
 03.9468.14ADA

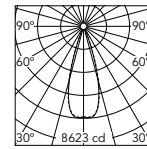


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8170	0.60
2	2042	1.20
3	908	1.79
4	511	2.39
5	327	2.99

Luminous flux luminaire
2655 lm (EXTREME CUT OFF)

Optic Flood
3000K
 E I 03.9478.40A
 03.9478.14A
 E I Dali Version
 03.9478.40ADA
 03.9478.14ADA

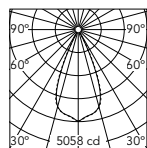


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	8623	0.60
2	2156	1.20
3	958	1.79
4	539	2.39
5	345	2.99

Luminous flux luminaire
2802 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.7375.40A
 03.7375.14A
 E I Dali Version
 03.7375.40ADA
 03.7375.14ADA

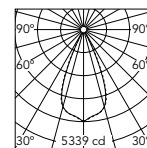


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	5058	0.84
2	1264	1.69
3	562	2.53
4	316	3.38
5	202	4.22

Luminous flux luminaire
2666 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.7379.40A
 03.7379.14A
 E I Dali Version
 03.7379.40ADA
 03.7379.14ADA

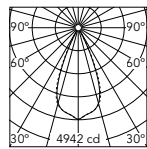


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	5339	0.84
2	1335	1.69
3	593	2.53
4	334	3.38
5	214	4.22

Luminous flux luminaire
2815 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.7374.40A
 03.7374.14A
 E I Dali Version
 03.7374.40ADA
 03.7374.14ADA

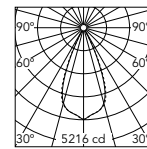


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	4942	0.83
2	1235	1.67
3	549	2.50
4	309	3.34
5	198	4.17

Luminous flux luminaire
2652 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.7378.40A
 03.7378.14A
 E I Dali Version
 03.7378.40ADA
 03.7378.14ADA

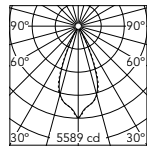


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	5216	0.83
2	1304	1.67
3	580	2.50
4	326	3.34
5	209	4.17

Luminous flux luminaire
2799 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.7376.40A
 03.7376.14A
 E I Dali Version
 03.7376.40ADA
 03.7376.14ADA

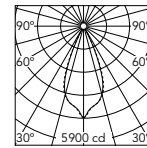


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	5589	0.80
2	1397	1.60
3	621	2.40
4	349	3.19
5	224	3.99

Luminous flux luminaire
2681 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.7380.40A
 03.7380.14A
 E I Dali Version
 03.7380.40ADA
 03.7380.14ADA

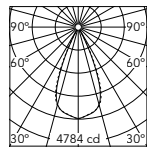


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	5900	0.80
2	1475	1.60
3	656	2.40
4	369	3.19
5	236	3.99

Luminous flux luminaire
2830 lm (EXTREME CUT OFF)

Optic Wide Flood
2700K
 E I 03.7377.40A
 03.7377.14A
 E I Dali Version
 03.7377.40ADA
 03.7377.14ADA

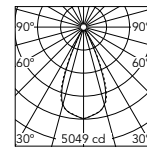


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	4784	0.84
2	1196	1.69
3	532	2.53
4	299	3.38
5	191	4.22

Luminous flux luminaire
2597 lm (EXTREME CUT OFF)

Optic Wide Flood
3000K
 E I 03.7381.40A
 03.7381.14A
 E I Dali Version
 03.7381.40ADA
 03.7381.14ADA



Beam Angle: 46°

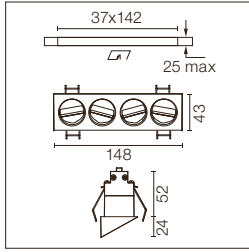
h(m)	E(lx)	D(m)
1	5049	0.84
2	1262	1.69
3	561	2.53
4	316	3.38
5	202	4.22

Luminous flux luminaire
2742 lm (EXTREME CUT OFF)

LIGHT SHADOW WALL-WASHER

Light Shadow Wall-Washer Trim 4 Spots

Light Source: Power LED 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Luminaire encastrable avec 4 spots LED. Alimentation à distance incluse.

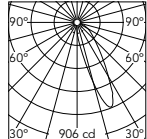
Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included.

Cadre de pré-installation non requis.

Pre-installation frame not required.

2700K

- 03.9901.40A
- 03.9901.14A
- Dali Version
- 03.9901.40ADA
- 03.9901.14ADA



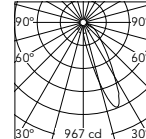
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	906	0.48
2	227	0.97
3	101	1.45
4	57	1.94
5	36	2.42

Luminous flux luminaire 684 lm (EXTREME CUT OFF)

3000K

- 03.9900.40A
- 03.9900.14A
- Dali Version
- 03.9900.40ADA
- 03.9900.14ADA



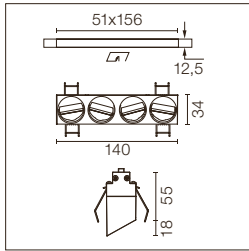
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	967	0.48
2	242	0.97
3	107	1.45
4	60	1.94
5	39	2.42

Luminous flux luminaire 730 lm (EXTREME CUT OFF)

Light Shadow Wall-Washer No Trim 4 Spots

Light Source: Power LED 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Luminaire encastrable avec 4 spots LED. Alimentation à distance incluse.

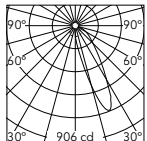
Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included.

Cadre de pré-installation requis. À commander séparément (08.0511.00).

It requires a pre-installation frame, to be ordered separately (08.0511.00).

2700K

- 03.9903.40A
- 03.9903.14A
- Dali Version
- 03.9903.40ADA
- 03.9903.14ADA



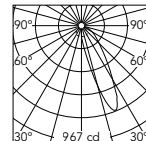
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	906	0.48
2	227	0.97
3	101	1.45
4	57	1.94
5	36	2.42

Luminous flux luminaire 684 lm (EXTREME CUT OFF)

3000K

- 03.9902.40A
- 03.9902.14A
- Dali Version
- 03.9902.40ADA
- 03.9902.14ADA



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	967	0.48
2	242	0.97
3	107	1.45
4	60	1.94
5	39	2.42

Luminous flux luminaire 730 lm (EXTREME CUT OFF)

LIGHT SHADOW

Accessoires / Accessories

Light Shadow Fixed No Trim

Cadre de montage.
Pre-installation frame. 2L 08.0510.00



Cadre de montage.
Pre-installation frame. 4L 08.0511.00



Cadre de montage.
Pre-installation frame. 8L 08.0512.00



Cadre de montage.
Pre-installation frame. 12L 08.0513.00



Accessoire de montage No Trim ligne continue.
Chaque accessoire permet de raccorder deux cadres d'installation No Trim.



08.0052.90

Accessory for mounting of No Trim continuous line.
Each accessory allows connection between two No Trim pre-installation frames.

Light Shadow Adjustable No Trim

Cadre de montage.
Pre-installation frame. 2L 08.0515.00



Cadre de montage.
Pre-installation frame. 4L 08.0516.00



Cadre de montage.
Pre-installation frame. 8L 08.0517.00



Cadre de montage.
Pre-installation frame. 12L 08.0518.00

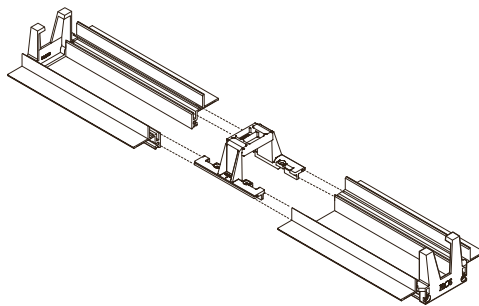


Accessoire de montage No Trim ligne continue.
Chaque accessoire permet de raccorder deux cadres d'installation No Trim.



08.0059.90

Accessory for mounting of No Trim continuous line.
Each accessory allows connection between two No Trim pre-installation frames.

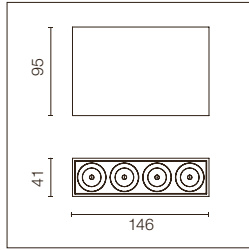


Détail de connexion pour une ligne continue / Interconnection information to build a continuous line

LIGHT SHADOW

Light Shadow Surface 4 Spots

Light Source: Power LED 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Luminaire de surface avec 4 spots LED. Alimentation 220-240V intégrée.

Surface luminaire with 4 LED lighting spots. Power source 220-240V incorporated.

E = Finition Externe
I = Finition Interne
B = Finition Box

E= External Finish
I= Internal Finish
B= Box Finish

Optic Spot 2700K

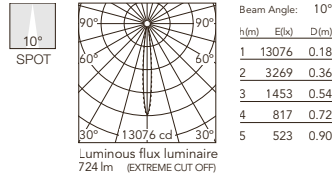
B	E	I
■	■	■
■	■	■
■	■	■

03.8957.40A
03.8957.14A
03.8965.40A
03.8965.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.8957.40ADA
03.8957.14ADA
03.8965.40ADA
03.8965.14ADA



Optic Spot 3000K

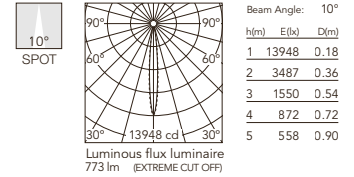
B	E	I
■	■	■
■	■	■
■	■	■

03.8961.40A
03.8961.14A
03.8969.40A
03.8969.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.8961.40ADA
03.8961.14ADA
03.8969.40ADA
03.8969.14ADA



2700K

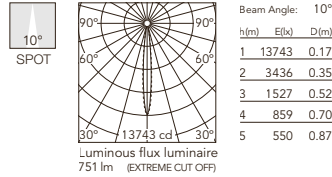
B	E	I
■	■	■
■	■	■
■	■	■

03.8956.40A
03.8956.14A
03.8964.40A
03.8964.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.8956.40ADA
03.8956.14ADA
03.8964.40ADA
03.8964.14ADA



3000K

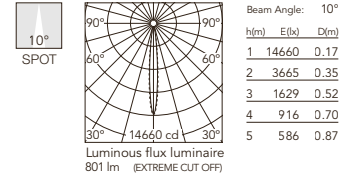
B	E	I
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■	■	■
■	■	■

03.8960.40A
03.8960.14A
03.8968.40A
03.8968.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.8960.40ADA
03.8960.14ADA
03.8968.40ADA
03.8968.14ADA



2700K

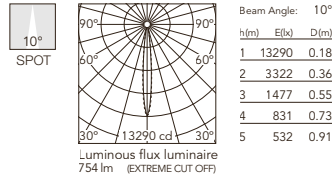
B	E	I
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■	■	■
■	■	■

03.8958.40A
03.8958.14A
03.8966.40A
03.8966.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.8958.40ADA
03.8958.14ADA
03.8966.40ADA
03.8966.14ADA



3000K

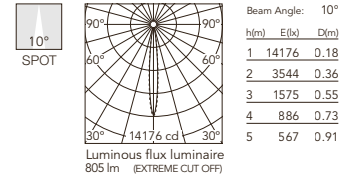
B	E	I
■	■	■
■	■	■
■	■	■

03.8962.40A
03.8962.14A
03.8970.40A
03.8970.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.8962.40ADA
03.8962.14ADA
03.8970.40ADA
03.8970.14ADA



2700K

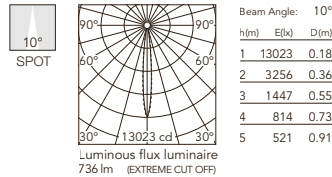
B	E	I
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■	■	■
■	■	■

03.8959.40A
03.8959.14A
03.8967.40A
03.8967.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.8959.40ADA
03.8959.14ADA
03.8967.40ADA
03.8967.14ADA



3000K

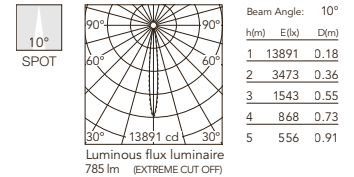
B	E	I
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■	■	■
■	■	■

03.8963.40A
03.8963.14A
03.8971.40A
03.8971.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.8963.40ADA
03.8963.14ADA
03.8971.40ADA
03.8971.14ADA



Optic Medium 2700K

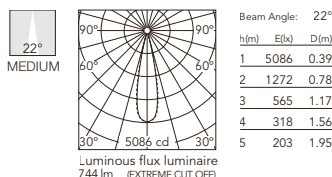
B	E	I
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■	■	■
■	■	■

03.9721.40A
03.9721.14A
03.9821.40A
03.9821.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9721.40ADA
03.9721.14ADA
03.9821.40ADA
03.9821.14ADA



Optic Medium 3000K

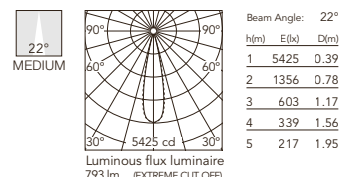
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■	■	■
■	■	■

03.9731.40A
03.9731.14A
03.9831.40A
03.9831.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9731.40ADA
03.9731.14ADA
03.9831.40ADA
03.9831.14ADA



2700K

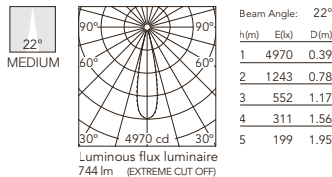
B	E	I
■	■	■
■	■	■
■	■	■

03.9720.40A
03.9720.14A
03.9820.40A
03.9820.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9720.40ADA
03.9720.14ADA
03.9820.40ADA
03.9820.14ADA



3000K

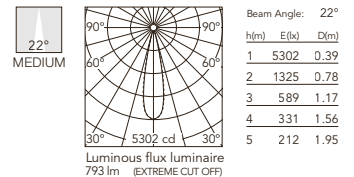
B	E	I
■	■	■
■	■	■
■	■	■

03.9730.40A
03.9730.14A
03.9830.40A
03.9830.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9730.40ADA
03.9730.14ADA
03.9830.40ADA
03.9830.14ADA

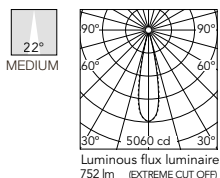


LIGHT SHADOW

Optic Medium 2700K

B E I
03.9722.40A
03.9722.14A
03.9822.40A
03.9822.14A

B E I
Dali Version
03.9722.40ADA
03.9722.14ADA
03.9822.40ADA
03.9822.14ADA



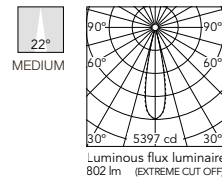
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5060 0.39	
2	1265 0.77	
3	562 1.16	
4	316 1.55	
5	202 1.94	

Optic Medium 3000K

B E I
03.9732.40A
03.9732.14A
03.9832.40A
03.9832.14A

B E I
Dali Version
03.9732.40ADA
03.9732.14ADA
03.9832.40ADA
03.9832.14ADA



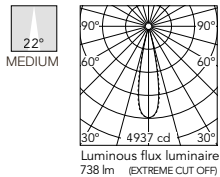
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5397 0.39	
2	1349 0.77	
3	600 1.16	
4	337 1.55	
5	216 1.94	

2700K

B E I
03.9723.40A
03.9723.14A
03.9823.40A
03.9823.14A

B E I
Dali Version
03.9723.40ADA
03.9723.14ADA
03.9823.40ADA
03.9823.14ADA



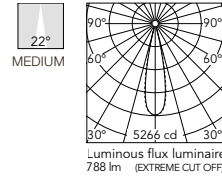
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	4937 0.39	
2	1234 0.78	
3	549 1.17	
4	309 1.56	
5	197 1.95	

3000K

B E I
03.9733.40A
03.9733.14A
03.9833.40A
03.9833.14A

B E I
Dali Version
03.9733.40ADA
03.9733.14ADA
03.9833.40ADA
03.9833.14ADA



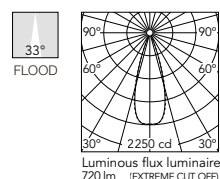
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5266 0.39	
2	1316 0.78	
3	585 1.17	
4	329 1.56	
5	211 1.95	

Optic Flood 2700K

B E I
03.9726.40A
03.9726.14A
03.9826.40A
03.9826.14A

B E I
Dali Version
03.9726.40ADA
03.9726.14ADA
03.9826.40ADA
03.9826.14ADA



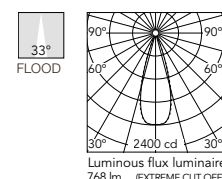
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2250 0.60	
2	563 1.19	
3	250 1.79	
4	141 2.39	
5	90 2.99	

Optic Flood 3000K

B E I
03.9736.40A
03.9736.14A
03.9836.40A
03.9836.14A

B E I
Dali Version
03.9736.40ADA
03.9736.14ADA
03.9836.40ADA
03.9836.14ADA



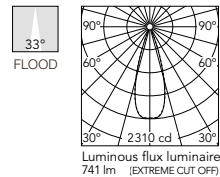
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2400 0.60	
2	600 1.19	
3	267 1.79	
4	150 2.39	
5	96 2.99	

2700K

B E I
03.9725.40A
03.9725.14A
03.9825.40A
03.9825.14A

B E I
Dali Version
03.9725.40ADA
03.9725.14ADA
03.9825.40ADA
03.9825.14ADA



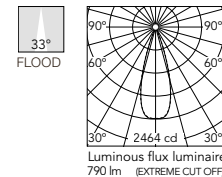
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2310 0.59	
2	577 1.18	
3	257 1.78	
4	144 2.37	
5	92 2.96	

3000K

B E I
03.9735.40A
03.9735.14A
03.9835.40A
03.9835.14A

B E I
Dali Version
03.9735.40ADA
03.9735.14ADA
03.9835.40ADA
03.9835.14ADA



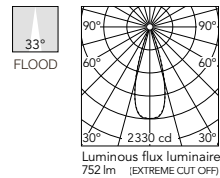
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2464 0.59	
2	616 1.18	
3	274 1.78	
4	154 2.37	
5	99 2.96	

2700K

B E I
03.9727.40A
03.9727.14A
03.9827.40A
03.9827.14A

B E I
Dali Version
03.9727.40ADA
03.9727.14ADA
03.9827.40ADA
03.9827.14ADA



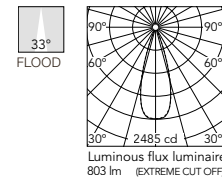
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2330 0.60	
2	582 1.19	
3	259 1.79	
4	146 2.38	
5	93 2.98	

3000K

B E I
03.9737.40A
03.9737.14A
03.9837.40A
03.9837.14A

B E I
Dali Version
03.9737.40ADA
03.9737.14ADA
03.9837.40ADA
03.9837.14ADA



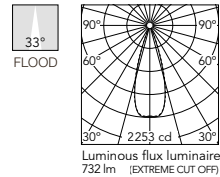
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2485 0.60	
2	621 1.19	
3	276 1.79	
4	155 2.38	
5	99 2.98	

2700K

B E I
03.9728.40A
03.9728.14A
03.9828.40A
03.9828.14A

B E I
Dali Version
03.9728.40ADA
03.9728.14ADA
03.9828.40ADA
03.9828.14ADA



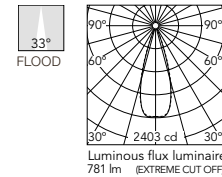
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2253 0.60	
2	563 1.20	
3	250 1.79	
4	141 2.39	
5	90 2.99	

3000K

B E I
03.9738.40A
03.9738.14A
03.9838.40A
03.9838.14A

B E I
Dali Version
03.9738.40ADA
03.9738.14ADA
03.9838.40ADA
03.9838.14ADA



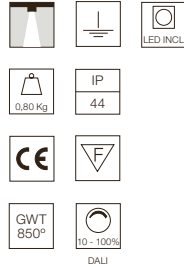
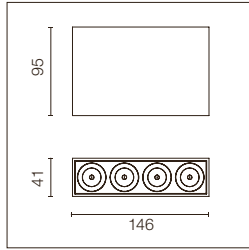
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2403 0.60	
2	601 1.20	
3	267 1.79	
4	150 2.39	
5	96 2.99	

LIGHT SHADOW

Light Shadow Surface 4 Spots

Light Source: Power LED 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Luminaire de surface avec 4 spots LED. Alimentation 220-240V intégrée.

Surface luminaire with 4 LED lighting spots. Power source 220-240V incorporated.

E = Finition Externe
I = Finition Interne
B = Finition Box

E= External Finish
I= Internal Finish
B= Box Finish

Optic Wide Flood 2700K

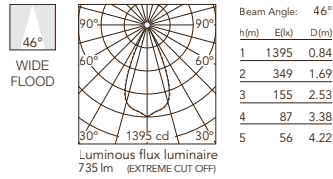
B	E	I
■	■	■
■	■	■
■	■	■

03.9761.40A
03.9761.14A
03.9861.40A
03.9861.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9761.40ADA
03.9761.14ADA
03.9861.40ADA
03.9861.14ADA



Optic Wide Flood 3000K

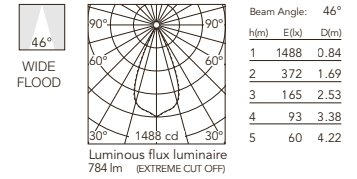
B	E	I
■	■	■
■	■	■
■	■	■

03.9765.40A
03.9765.14A
03.9865.40A
03.9865.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9765.40ADA
03.9765.14ADA
03.9865.40ADA
03.9865.14ADA



2700K

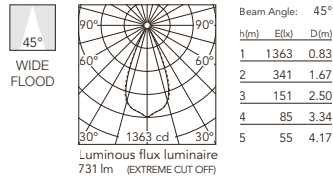
B	E	I
■	■	■
■	■	■
■	■	■

03.9760.40A
03.9760.14A
03.9860.40A
03.9860.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9760.40ADA
03.9760.14ADA
03.9860.40ADA
03.9860.14ADA



3000K

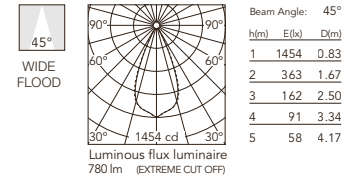
B	E	I
■	■	■
■	■	■
■	■	■

03.9764.40A
03.9764.14A
03.9864.40A
03.9864.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9764.40ADA
03.9764.14ADA
03.9864.40ADA
03.9864.14ADA



2700K

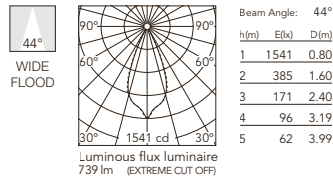
B	E	I
■	■	■
■	■	■
■	■	■

03.9762.40A
03.9762.14A
03.9862.40A
03.9862.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9762.40ADA
03.9762.14ADA
03.9862.40ADA
03.9862.14ADA



3000K

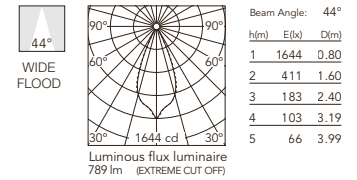
B	E	I
■	■	■
■	■	■
■	■	■

03.9766.40A
03.9766.14A
03.9866.40A
03.9866.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9766.40ADA
03.9766.14ADA
03.9866.40ADA
03.9866.14ADA



2700K

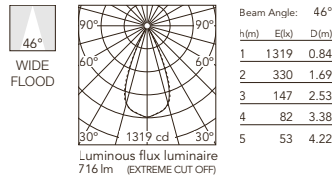
B	E	I
■	■	■
■	■	■
■	■	■

03.9763.40A
03.9763.14A
03.9863.40A
03.9863.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9763.40ADA
03.9763.14ADA
03.9863.40ADA
03.9863.14ADA



3000K

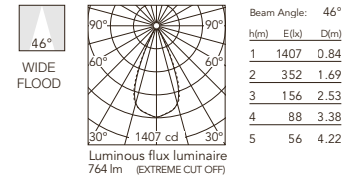
B	E	I
■	■	■
■	■	■
■	■	■

03.9767.40A
03.9767.14A
03.9867.40A
03.9867.14A

Dali Version

B	E	I
■	■	■
■	■	■
■	■	■

03.9767.40ADA
03.9767.14ADA
03.9867.40ADA
03.9867.14ADA

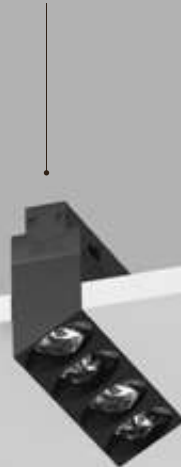
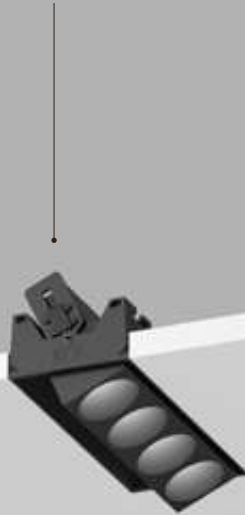
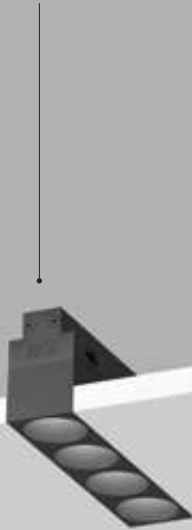


LIGHT SHADOW

FIXED

ADJUSTABLE

WALL-WASHER



DOTS

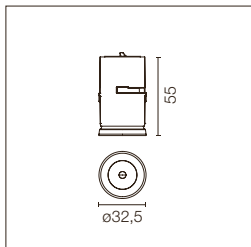


SURFACE

LIGHT SHADOW DOTS

Light Shadow DOTS - Single Spot Module

Light Source: Power LED 2,7W - 270 lm - 2700K/CRI 90 / 2,7W - 285 lm - 3000K/CRI 90

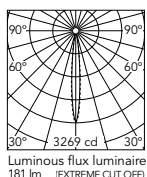


Module d'éclairage LED, à faible éblouissement, pour être inséré dans les cadres d'encastrement, installation avec système à baïonnette avec des spots interchangeables. Disponible en versions une lumière et groupes de deux et quatre lumières. Contrôleur non inclus, il se connecte directement aux cadres d'encastrement.

LED lighting module, with low glare, to be inserted in the recessed frames, installation through a bayonet system with interchangeable spots. Available in one-light versions and groups of two and four lights. Driver not included, the driver has to be directly connected to the embedding frames.

2700K

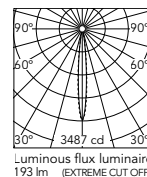
Set of 1 spot
03.8600.40A
03.8600.14A
03.8600.06A
03.8600.GLA



h(m)	Et(x)	D(m)
1	3269	0.18
2	817	0.36
3	363	0.54
4	204	0.72
5	131	0.90

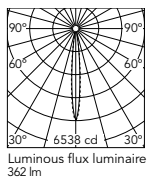
3000K

Set of 1 spot
03.8603.40A
03.8603.14A
03.8603.06A
03.8603.GLA



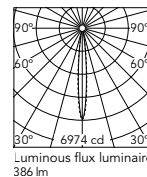
h(m)	Et(x)	D(m)
1	3487	0.18
2	872	0.36
3	387	0.54
4	218	0.72
5	139	0.90

Set of 2 spots
03.8640.40A
03.8640.14A
03.8640.06A
03.8640.GLA



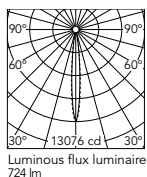
h(m)	Et(x)	D(m)
1	6538	0.18
2	1634	0.36
3	726	0.54
4	409	0.72
5	262	0.90

Set of 2 spots
03.8643.40A
03.8643.14A
03.8643.06A
03.8643.GLA



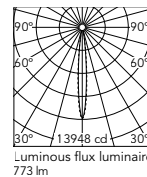
h(m)	Et(x)	D(m)
1	6974	0.18
2	1744	0.36
3	775	0.54
4	436	0.72
5	279	0.90

Set of 4 spots
03.8610.40A
03.8610.14A
03.8610.06A
03.8610.GLA



h(m)	Et(x)	D(m)
1	13076	0.18
2	3269	0.36
3	1453	0.54
4	817	0.72
5	523	0.90

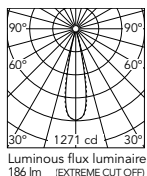
Set of 4 spots
03.8613.40A
03.8613.14A
03.8613.06A
03.8613.GLA



h(m)	Et(x)	D(m)
1	13948	0.18
2	3487	0.36
3	1550	0.54
4	872	0.72
5	558	0.90

2700K

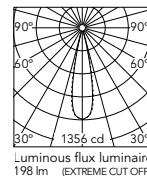
Set of 1 spot
03.8601.40A
03.8601.14A
03.8601.06A
03.8601.GLA



h(m)	Et(x)	D(m)
1	1271	0.39
2	318	0.78
3	141	1.17
4	79	1.56
5	51	1.95

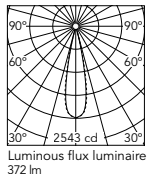
3000K

Set of 1 spot
03.8604.40A
03.8604.14A
03.8604.06A
03.8604.GLA



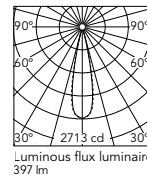
h(m)	Et(x)	D(m)
1	1356	0.39
2	339	0.78
3	151	1.17
4	85	1.56
5	54	1.95

Set of 2 spots
03.8641.40A
03.8641.14A
03.8641.06A
03.8641.GLA



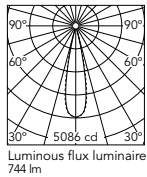
h(m)	Et(x)	D(m)
1	2543	0.39
2	636	0.78
3	283	1.17
4	159	1.56
5	102	1.95

Set of 2 spots
03.8644.40A
03.8644.14A
03.8644.06A
03.8644.GLA



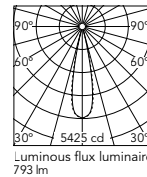
h(m)	Et(x)	D(m)
1	2713	0.39
2	678	0.78
3	301	1.17
4	170	1.56
5	109	1.95

Set of 4 spots
03.8611.40A
03.8611.14A
03.8611.06A
03.8611.GLA



h(m)	Et(x)	D(m)
1	5086	0.39
2	1272	0.78
3	565	1.17
4	318	1.56
5	203	1.95

Set of 4 spots
03.8614.40A
03.8614.14A
03.8614.06A
03.8614.GLA



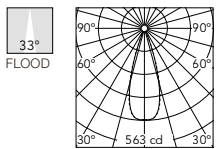
h(m)	Et(x)	D(m)
1	5425	0.39
2	1356	0.78
3	603	1.17
4	339	1.56
5	217	1.95

LIGHT SHADOW DOTS

2700K

Set of 1 spot

- 03.8602.40A
- 03.8602.14A
- 03.8602.06A
- 03.8602.GLA



Beam Angle: 33°

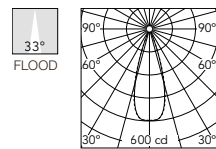
h(m)	E(lx)	D(m)
1	563	0.60
2	141	1.19
3	63	1.79
4	35	2.39
5	23	2.99

Luminous flux luminaire
180 lm (EXTREME CUT OFF)

3000K

Set of 1 spot

- 03.8605.40A
- 03.8605.14A
- 03.8605.06A
- 03.8605.GLA



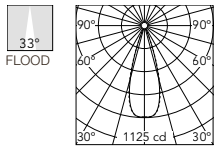
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	600	0.60
2	150	1.19
3	67	1.79
4	38	2.39
5	24	2.99

Luminous flux luminaire
192 lm (EXTREME CUT OFF)

Set of 2 spots

- 03.8642.40A
- 03.8642.14A
- 03.8642.06A
- 03.8642.GLA



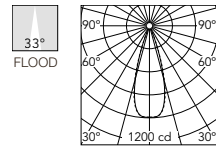
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	1125	0.60
2	281	1.19
3	125	1.79
4	70	2.39
5	45	2.99

Luminous flux luminaire
360 lm

Set of 2 spots

- 03.8645.40A
- 03.8645.14A
- 03.8645.06A
- 03.8645.GLA



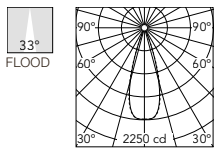
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	1200	0.60
2	300	1.19
3	133	1.79
4	75	2.39
5	48	2.99

Luminous flux luminaire
384 lm

Set of 4 spots

- 03.8612.40A
- 03.8612.14A
- 03.8612.06A
- 03.8612.GLA



Beam Angle: 33°

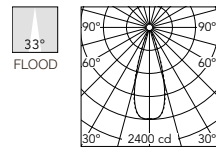
h(m)	E(lx)	D(m)
1	2250	0.60
2	563	1.19
3	250	1.79
4	141	2.39
5	90	2.99

Luminous flux luminaire
720 lm

@Black (14)

Set of 4 spots

- 03.8615.40A
- 03.8615.14A
- 03.8615.06A
- 03.8615.GLA



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2400	0.60
2	600	1.19
3	267	1.79
4	150	2.39
5	96	2.99

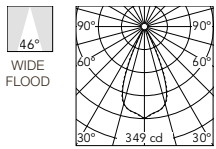
Luminous flux luminaire
768 lm

@Black (14)

2700K

Set of 1 spot

- 03.8630.40A
- 03.8630.14A
- 03.8630.06A
- 03.8630.GLA



Beam Angle: 46°

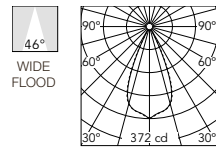
h(m)	E(lx)	D(m)
1	349	0.84
2	87	1.69
3	39	2.53
4	22	3.38
5	14	4.22

Luminous flux luminaire
184 lm (EXTREME CUT OFF)

3000K

Set of 1 spot

- 03.8631.40A
- 03.8631.14A
- 03.8631.06A
- 03.8631.GLA



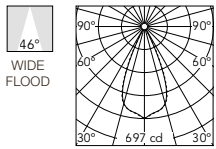
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	372	0.84
2	93	1.69
3	41	2.53
4	23	3.38
5	15	4.22

Luminous flux luminaire
196 lm (EXTREME CUT OFF)

Set of 2 spots

- 03.8646.40A
- 03.8646.14A
- 03.8646.06A
- 03.8646.GLA



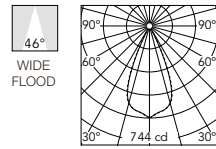
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	697	0.84
2	174	1.69
3	77	2.53
4	44	3.38
5	28	4.22

Luminous flux luminaire
368 lm

Set of 2 spots

- 03.8647.40A
- 03.8647.14A
- 03.8647.06A
- 03.8647.GLA



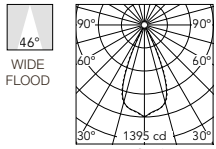
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	744	0.84
2	186	1.69
3	83	2.53
4	46	3.38
5	30	4.22

Luminous flux luminaire
392 lm

Set of 4 spots

- 03.8635.40A
- 03.8635.14A
- 03.8635.06A
- 03.8635.GLA



Beam Angle: 46°

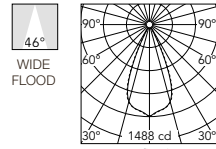
h(m)	E(lx)	D(m)
1	1395	0.84
2	349	1.69
3	155	2.53
4	87	3.38
5	56	4.22

Luminous flux luminaire
735 lm

@Black (14)

Set of 4 spots

- 03.8636.40A
- 03.8636.14A
- 03.8636.06A
- 03.8636.GLA



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1488	0.84
2	372	1.69
3	165	2.53
4	93	3.38
5	60	4.22

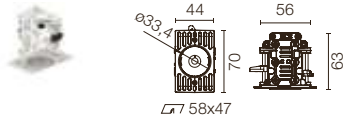
Luminous flux luminaire
784 lm

@Black (14)

LIGHT SHADOW DOTS

Accessoires / Accessories

Cadre de montage.
Pre-installation frame. 1L 08.0580.00



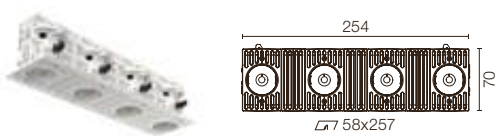
Cadre de montage.
Pre-installation frame. 2L - Int 70 08.0583.00



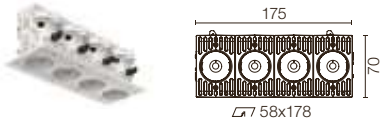
Cadre de montage.
Pre-installation frame. 2L - Int 43 08.0581.00



Cadre de montage.
Pre-installation frame. 4L - Int 70 08.0584.00

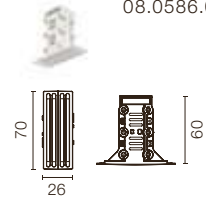


Cadre de montage.
Pre-installation frame. 4L - Int 43 08.0582.00



Séparateur de 70 mm pour
maintenir la distance entre les
spots lors de l'union de modules
de 70 mm. 08.0586.00

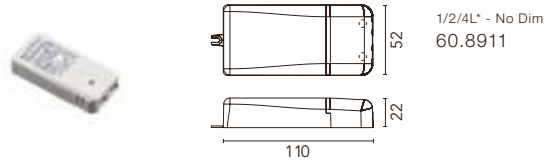
70 mm divider to keep the
spacing between spots when
putting together 70 mm
modules.



Appareillages / Drivers

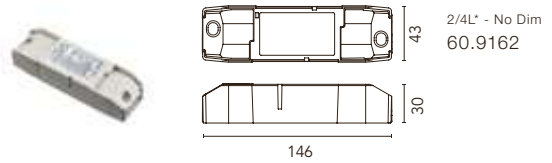
Alimentation à courant continu
15-20W, 110/240V - 50/60Hz,
avec courant d'alimentation à
sélectionner par switch 900 mA non
réglable.

Non dimmable continuous current
power supply of 15-20W, 110/240V
- 50/60Hz, with power current
selected through adjustable 900 mA
switch.



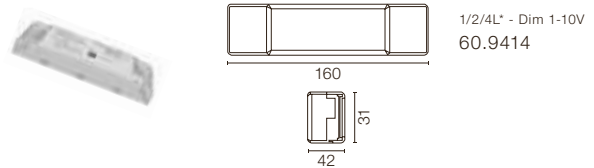
Alimentation à courant continu
13-42W, 220/240V - 50/60Hz
avec courant d'alimentation à
sélectionner par switch 900 mA.

Continuous current power supply of
13-42W, 220/240V - 50/60Hz with
power current selected through
adjustable 900 mA.



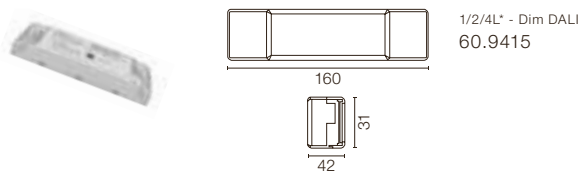
Alimentation à courant continu
20W, dimmable 1-10V, 220/240V -
50/60Hz avec courant d'alimentation
à sélectionner par switch 900 mA.

Continuous current power supply
of 20W, dimmable 1-10V, 220/240V
- 50/60Hz with power current
selected through adjustable 900
mA.



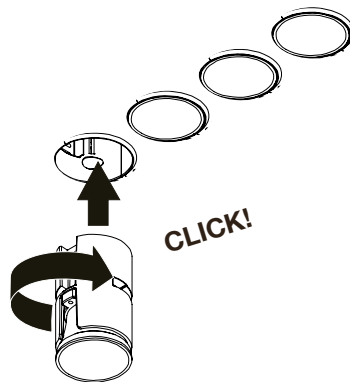
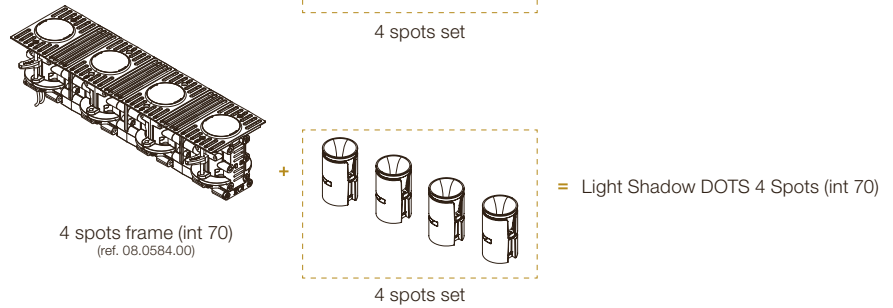
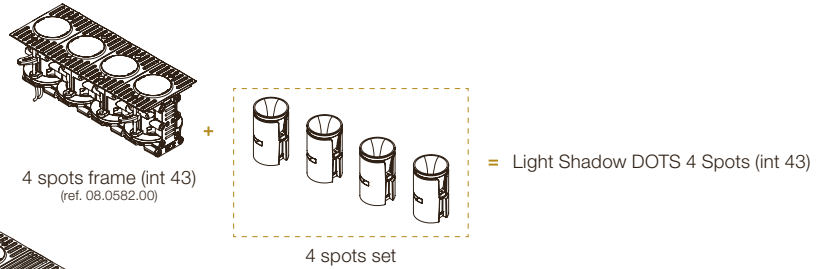
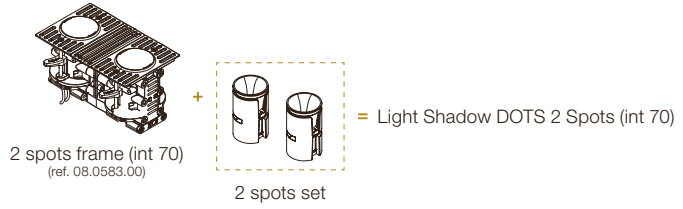
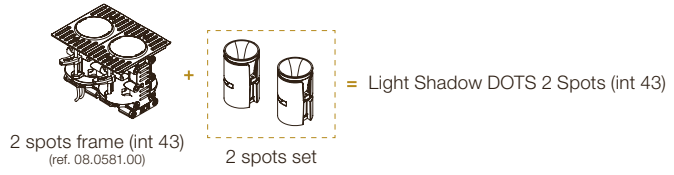
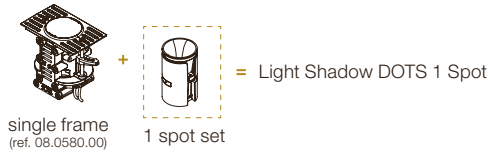
Alimentation à courant continu
20W, dimmable 1-10V, 220/240V -
50/60Hz avec courant d'alimentation
à sélectionner par switch 900 mA.

Continuous current power supply
of 20W, dimmable DALI, 220/240V
- 50/60Hz with power current
selected through adjustable 900
mA.



* Il est possible d'alimenter jusqu'à 6 lumières (spots) avec le même driver et avec une connexion en série / It is possible to feed up to 6 lights (spots) using the same driver and with a serial connection.

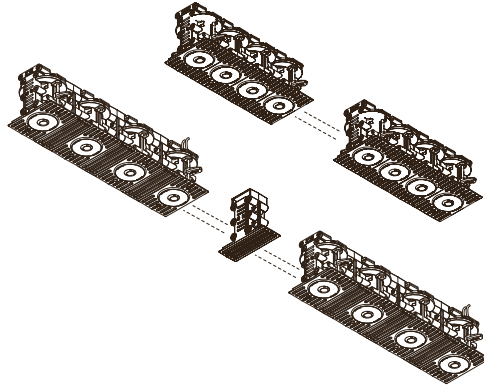
HOW TO ORDER LIGHT SHADOW DOTS



LIGHT SHADOW DOTS

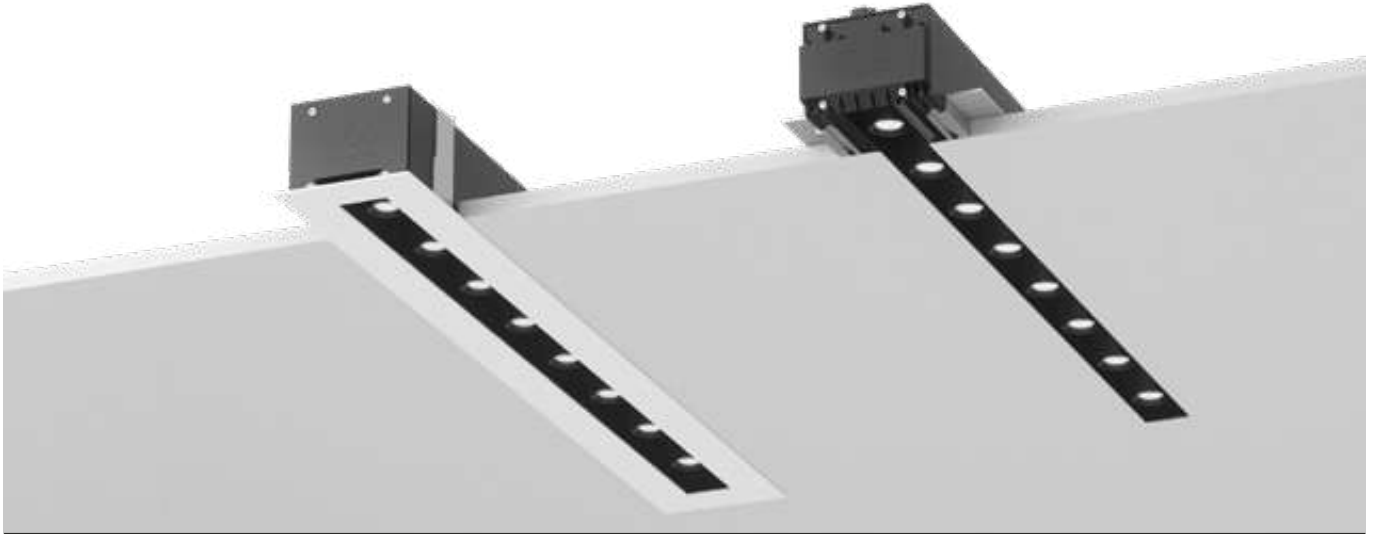
Au moment de planifier l'éclairage d'un environnement, la famille Light Shadow Dots permet de projeter des lignes de lumière continues grâce à la simple interconnexion entre ses luminaires (1, 2 et 4 spots), sans besoin d'outil supplémentaire. Lors de la conception et la planification, l'utilisateur pourra choisir entre deux distances prédéfinies entre des points lumineux, 43 mm et 70 mm. Pour la version 70 mm, le montage d'un accessoire indépendant (réf. 08.0584.00) entre les luminaires est nécessaire.

When planning the lighting of an environment, the Light Shadow Dots family allows to project continuous light lines or random figures thanks to the simple interconnection between its luminaires (1, 2 and 4 lights) without the need for an additional tool. For the lighting designing and planning, the user can choose between two predefined distances of 43 and 70 mm between light points. For the 70 mm version, it is necessary to assemble an independent accessory (reference: 08.0584.00) between the luminaires.



Détail de connexion pour une ligne continue / Interconnection information to build a continuous line

THE BLACK LINE
DESIGNED BY FLOS ARCHITECTURAL



TRIM 2 SPOTS



TRIM 4 SPOTS



TRIM 8 SPOTS



TRIM 12 SPOTS



NO TRIM 2 SPOTS



NO TRIM 4 SPOTS



NO TRIM 8 SPOTS



NO TRIM 12 SPOTS



LIGHT SOURCE

POWER LED
3,2W x Spot
325 lm x Spot
2700K/CRI 90
370 lm x Spot
3000K/CRI 90

The Black Line Trim

00 Imprégnation
00 Primer

□ 40 Blanc
40 White



The Black Line No Trim

■ 14 Noir
14 Black



THE BLACK LINE

Description

Famille révolutionnaire d'appareils LED pour l'intérieur offrant un nouveau concept d'éclairage, avec une combinaison unique de plusieurs downlight pour une homogénéité incomparable.

Le cœur des luminaires est fait de cônes en silicone, aimantés sur un profilé compact en aluminium contenant l'électronique, aux dimensions très réduites pour simplifier l'installation et permettre une facile maintenance du LED dans les versions de No Trim.

Les cônes recouvrent chaque module LED du système, garantissant un anti-éblouissement maximal pour améliorer le confort visuel, tout en dessinant la forme du halo lumineux, en faisceau étroit ou large, selon les exigences du projet.

La géométrie particulière de la lentille intégrée dans les cônes contribue à produire un éclairage pratiquement sans éblouissement, d'un grand confort, et le système magnétique de fixation des cônes rend le luminaire entièrement accessible une fois installé.

La famille est disponible avec 2/4/8/12 spots, en éclairage d'accentuation et optiques d'éclairage général.

Toutes les options sont disponibles en version No Trim, pour une totale intégration dans l'architecture et un rendu esthétique parfait, et en version Trim, pour une installation simplifiée.

L'armature externe de la version Trim est disponible en blanc ou finition brute à peindre de la même couleur que le plafond.

Unité d'Alimentation

Alimentation à distance 1050 mA non comprise.

Informations Complémentaires

La version No Trim est conçue pour une installation sur Placoplâtre de 12,5 mm d'épaisseur.

Pour la version No Trim, le driver doit être installé à un endroit accessible.

Indice de protection IP20.

Classe d'isolation III.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Revolutionary LED family for indoor use, offering a new concept of illumination, with a unique combination of multiple spots for an unmatched effect of homogeneity. The core of the luminaires is a line of specially designed silicon cones, magnetically fixed on a compact aluminum extrusion hosting the electronics, with a very reduced size to simplify installation and allow LED maintenance in the No Trim version.

The cones cover each of the system's LED modules, providing maximum cut-off to enhance visual comfort and, at the same time, determine the shape of the light, in a narrow or flood beam, according to the requirements of the project.

The special geometry of the lens integrated in the cut-off cones contributes to a virtually glare-free, totally comfortable illumination, and the magnetic mounting system of the cones makes the lamp totally accessible once installed.

The family is available in lines of 2/4/8/12 spots, with accent lighting and general lighting optics.

All options are available in a No Trim version, for total integration into the architecture and a perfect aesthetic result, and a Trim version, for simpler installation.

The external frame of the trim version is available in a white or a primer finish, to be painted in the same color as the ceiling.

No Trim version can be connected in a continuous line.

Power Supply

1050 mA remote power supply not included.

Additional Information

The No Trim version is designed for installation in 12.5 mm thick plaster-board.

For the No Trim version, install driver in an accessible position.

IP20 protection grade.

Insulation class III.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Trim



No Trim

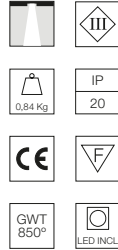
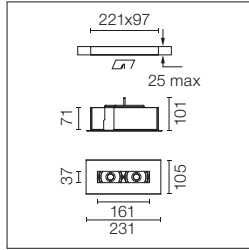


No Trim
Continuous Line

THE BLACK LINE

The Black Line Trim 2 Spots

Light Source: Power LED 6,5W - 2x325 lm - 2700K/CRI 90 / 6,5W - 2x370 lm - 3000K/CRI 90



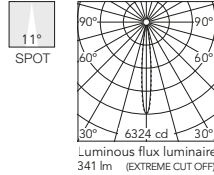
Appareil encastré à 2 spots LED.
Alimentation à distance 1050 mA non comprise.

Recessed integrated luminaire with 2 LED lighting spots. 1050 mA remote power supply not included.

Alimentations recommandées :
Non Dimmable
Dim 1-10V / Dim Dali / Push

Recommended power supply:
60.8670
60.8530

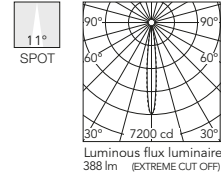
2700K
03.0051.00A
 03.0051.40A



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	6324	0.20
2	1581	0.40
3	703	0.60
4	395	0.80
5	253	1.00

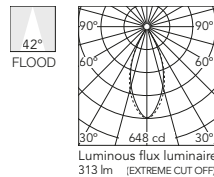
3000K
03.0050.00A
 03.0050.40A



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	7200	0.20
2	1800	0.40
3	800	0.60
4	450	0.80
5	288	1.00

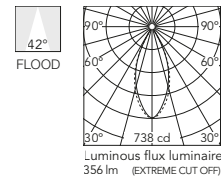
2700K
03.0053.00A
 03.0053.40A



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	648	0.77
2	162	1.54
3	72	2.31
4	40	3.08
5	26	3.85

3000K
03.0052.00A
 03.0052.40A

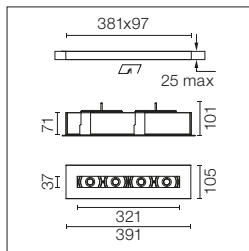


Beam Angle: 42°

h(m)	E(lx)	D(m)
1	738	0.77
2	184	1.54
3	82	2.31
4	46	3.08
5	30	3.85

The Black Line Trim 4 Spots

Light Source: Power LED 13W - 4x325 lm - 2700K/CRI 90 / 13W - 4x370 lm - 3000K/CRI 90



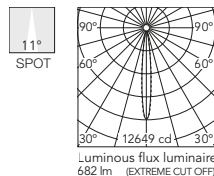
Appareil encastré à 4 spots LED.
Alimentation à distance 1050 mA non comprise.

Recessed integrated luminaire with 4 LED lighting spots. 1050 mA remote power supply not included.

Alimentations recommandées :
Non Dimmable
Dimmable Dali
Dim 1-10V / Dim Dali / Push

Recommended power supply:
60.9162
60.9276
60.8530

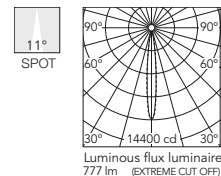
2700K
03.0055.00A
 03.0055.40A



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	12649	0.20
2	3162	0.40
3	1405	0.60
4	791	0.80
5	506	1.00

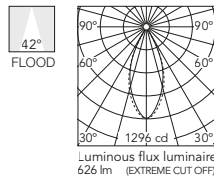
3000K
03.0054.00A
 03.0054.40A



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	14400	0.20
2	3600	0.40
3	1600	0.60
4	900	0.80
5	576	1.00

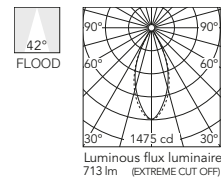
2700K
03.0057.00A
 03.0057.40A



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1296	0.77
2	324	1.54
3	144	2.31
4	81	3.08
5	52	3.85

3000K
03.0056.00A
 03.0056.40A



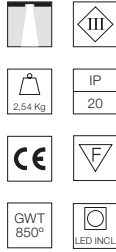
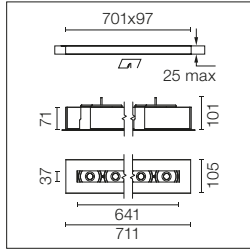
Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1475	0.77
2	369	1.54
3	164	2.31
4	92	3.08
5	59	3.85

THE BLACK LINE

The Black Line Trim 8 Spots

Light Source: Power LED 26W - 8x325 lm - 2700K/CRI 90 / 26W - 8x370 lm - 3000K/CRI 90



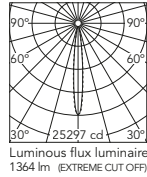
Appareil encastré à 8 spots LED.
Alimentation à distance 1050 mA non comprise.

Recessed integrated luminaire with 8 LED lighting spots. 1050 mA remote power supply not included.

Alimentations recommandées :
Non Dimmable
Dimmable Dali
Dim 1-10V / Dim Dali / Push

Recommended power supply:
60.9162
60.9276
60.8530

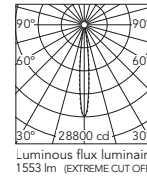
2700K
03.0059.00A
03.0059.40A



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	25297	0.20
2	6324	0.40
3	2811	0.60
4	1581	0.80
5	1012	1.00

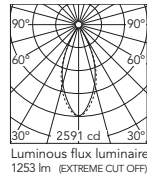
3000K
03.0058.00A
03.0058.40A



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	28800	0.20
2	7200	0.40
3	3200	0.60
4	1800	0.80
5	1152	1.00

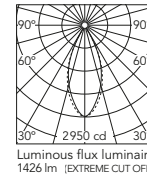
2700K
03.0061.00A
03.0061.40A



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	2591	0.77
2	648	1.54
3	288	2.31
4	162	3.08
5	104	3.85

3000K
03.0060.00A
03.0060.40A

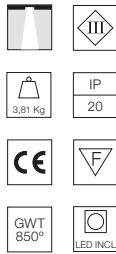
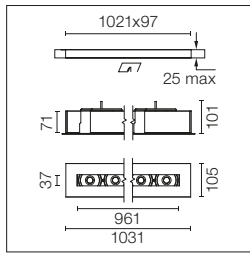


Beam Angle: 42°

h(m)	E(lx)	D(m)
1	2950	0.77
2	738	1.54
3	328	2.31
4	184	3.08
5	118	3.85

The Black Line Trim 12 Spots

Light Source: Power LED 39W - 12x325 lm - 2700K/CRI 90 / 39W - 12x370 lm - 3000K/CRI 90



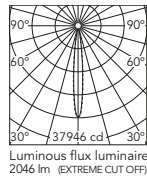
Appareil encastré à 12 spots LED.
Alimentation à distance 1050 mA non comprise.

Recessed integrated luminaire with 12 LED lighting spots. 1050 mA remote power supply not included.

Alimentations recommandées :
Dim 1-10V / Dim Dali / Push

Recommended power supply:
60.8530

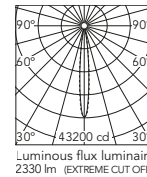
2700K
03.0063.00A
03.0063.40A



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	37946	0.20
2	9486	0.40
3	4216	0.60
4	2372	0.80
5	1518	1.00

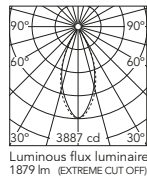
3000K
03.0062.00A
03.0062.40A



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	43200	0.20
2	10800	0.40
3	4800	0.60
4	2700	0.80
5	1728	1.00

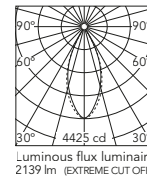
2700K
03.0065.00A
03.0065.40A



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	3887	0.77
2	972	1.54
3	432	2.31
4	243	3.08
5	155	3.85

3000K
03.0064.00A
03.0064.40A



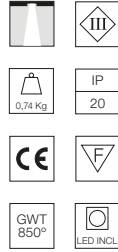
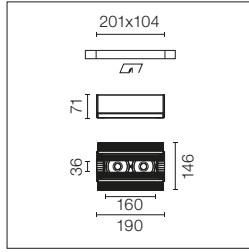
Beam Angle: 42°

h(m)	E(lx)	D(m)
1	4425	0.77
2	1106	1.54
3	492	2.31
4	277	3.08
5	177	3.85

THE BLACK LINE

The Black Line No Trim 2 Spots

Light Source: Power LED 6,5W - 2x325 lm - 2700K/CRI 90 / 6,5W - 2x370 lm - 3000K/CRI 90



Appareil encastré à 2 spots LED.
Alimentation à distance 1050 mA
non comprise.

La version No Trim peut être
raccordée en ligne continue.

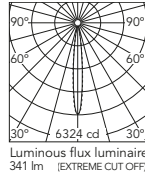
Alimentations recommandées :
Non Dimmable
Dim 1-10V / Dim Dali / Push

Recessed integrated luminaire
with 2 LED lighting spots. 1050 mA
remote power supply not included.

No Trim version can be connected
in a continuous line.

Recommended power supply:
60.8670
60.8530

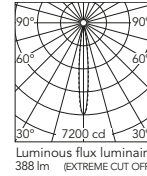
2700K
03.0051.14ANT



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	6324	0.20
2	1581	0.40
3	703	0.60
4	395	0.80
5	253	1.00

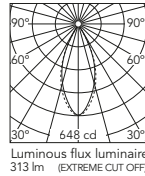
3000K
03.0050.14ANT



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	7200	0.20
2	1800	0.40
3	800	0.60
4	450	0.80
5	288	1.00

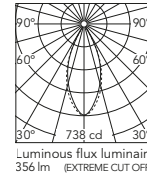
2700K
03.0053.14ANT



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	648	0.77
2	162	1.54
3	72	2.31
4	40	3.08
5	26	3.85

3000K
03.0052.14ANT

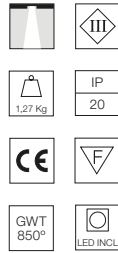
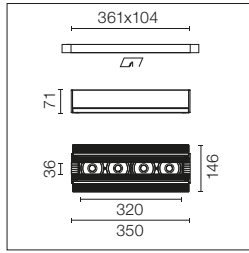


Beam Angle: 42°

h(m)	E(lx)	D(m)
1	738	0.77
2	184	1.54
3	82	2.31
4	46	3.08
5	30	3.85

The Black Line No Trim 4 Spots

Light Source: Power LED 13W - 4x325 lm - 2700K/CRI 90 / 13W - 4x370 lm - 3000K/CRI 90



Appareil encastré à 4 spots LED.
Alimentation à distance 1050 mA
non comprise.

La version No Trim peut être
raccordée en ligne continue.

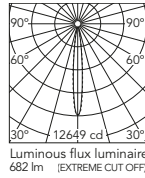
Alimentations recommandées :
Non Dimmable
Dimmable Dali
Dim 1-10V / Dim Dali / Push

Recessed integrated luminaire
with 4 LED lighting spots. 1050 mA
remote power supply not included.

No Trim version can be connected
in a continuous line.

Recommended power supply:
60.9162
60.9276
60.8530

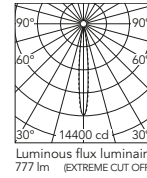
2700K
03.0055.14ANT



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	12649	0.20
2	3162	0.40
3	1405	0.60
4	791	0.80
5	506	1.00

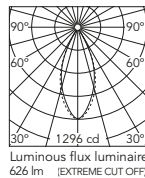
3000K
03.0054.14ANT



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	14400	0.20
2	3600	0.40
3	1600	0.60
4	900	0.80
5	576	1.00

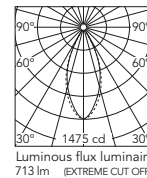
2700K
03.0057.14ANT



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1296	0.77
2	324	1.54
3	144	2.31
4	81	3.08
5	52	3.85

3000K
03.0056.14ANT



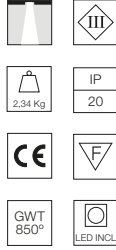
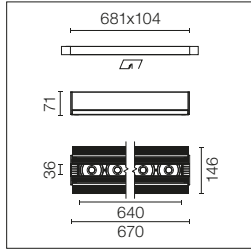
Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1475	0.77
2	369	1.54
3	164	2.31
4	92	3.08
5	59	3.85

THE BLACK LINE

The Black Line No Trim 8 Spots

Light Source: Power LED 26W - 8x325 lm - 2700K/CRI 90 / 26W - 8x370lm - 3000K/CRI 90



Appareil encastré à 8 spots LED.
Alimentation à distance 1050 mA non comprise.

La version No Trim peut être raccordée en ligne continue.

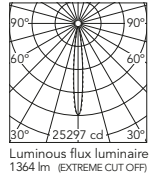
Alimentations recommandées :
Non Dimmable
Dimmable Dali
Dim 1-10V / Dim Dali / Push

Recessed integrated luminaire with 8 LED lighting spots. 1050 mA remote power supply not included.

No Trim version can be connected in a continuous line.

Recommended power supply:
60.9162
60.9276
60.8530

2700K
03.0059.14ANT

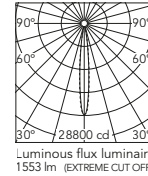


Beam Angle: 11°

h(m)	Et(k)	D(m)
1	25297	0.20
2	6324	0.40
3	2811	0.60
4	1581	0.80
5	1012	1.00

Luminous flux luminaire
1364 lm (EXTREME CUT OFF)

3000K
03.0058.14ANT

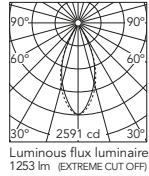


Beam Angle: 11°

h(m)	Et(k)	D(m)
1	28800	0.20
2	7200	0.40
3	3200	0.60
4	1800	0.80
5	1152	1.00

Luminous flux luminaire
1553 lm (EXTREME CUT OFF)

2700K
03.0061.14ANT

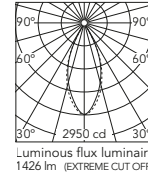


Beam Angle: 42°

h(m)	Et(k)	D(m)
1	2591	0.77
2	648	1.54
3	288	2.31
4	162	3.08
5	104	3.85

Luminous flux luminaire
1253 lm (EXTREME CUT OFF)

3000K
03.0060.14ANT



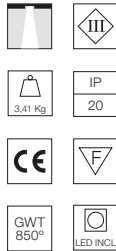
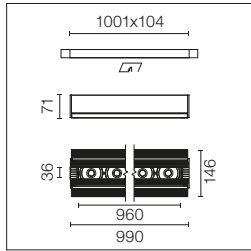
Beam Angle: 42°

h(m)	Et(k)	D(m)
1	2950	0.77
2	738	1.54
3	328	2.31
4	184	3.08
5	118	3.85

Luminous flux luminaire
1426 lm (EXTREME CUT OFF)

The Black Line No Trim 12 Spots

Light Source: Power LED 39W - 12x325 lm - 2700K/CRI 90 / 39W - 12x370 lm - 3000K/CRI 90



Appareil encastré à 12 spots LED.
Alimentation à distance 1050 mA non comprise.

La version No Trim peut être raccordée en ligne continue.

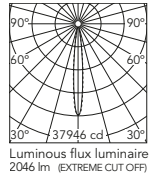
Alimentations recommandées :
Non Dimmable
Dim 1-10V / Dim Dali / Push

Recessed integrated luminaire with 12 LED lighting spots. 1050 mA remote power supply not included.

No Trim version can be connected in a continuous line.

Recommended power supply:
60.9162
60.8530

2700K
03.0063.14ANT

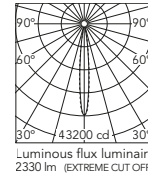


Beam Angle: 11°

h(m)	Et(k)	D(m)
1	37946	0.20
2	9486	0.40
3	4216	0.60
4	2372	0.80
5	1518	1.00

Luminous flux luminaire
2046 lm (EXTREME CUT OFF)

3000K
03.0062.14ANT

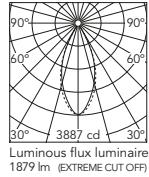


Beam Angle: 11°

h(m)	Et(k)	D(m)
1	43200	0.20
2	10800	0.40
3	4800	0.60
4	2700	0.80
5	1728	1.00

Luminous flux luminaire
2330 lm (EXTREME CUT OFF)

2700K
03.0065.14ANT

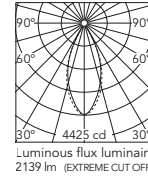


Beam Angle: 42°

h(m)	Et(k)	D(m)
1	3887	0.77
2	972	1.54
3	432	2.31
4	243	3.08
5	155	3.85

Luminous flux luminaire
1879 lm (EXTREME CUT OFF)

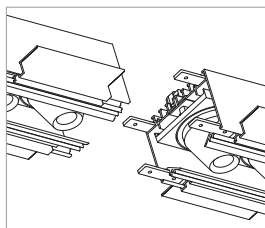
3000K
03.0064.14ANT



Beam Angle: 42°

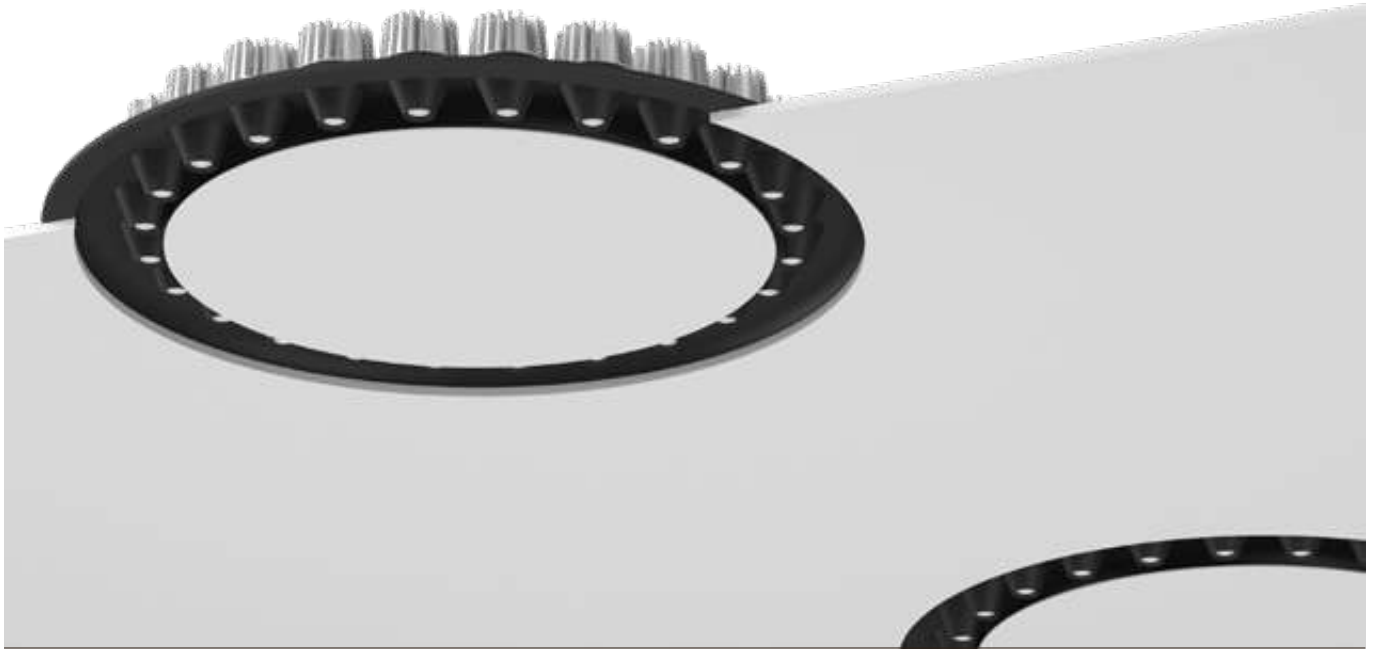
h(m)	Et(k)	D(m)
1	4425	0.77
2	1106	1.54
3	492	2.31
4	277	3.08
5	177	3.85

Luminous flux luminaire
2139 lm (EXTREME CUT OFF)



Détail de connexion pour une ligne continue / Interconnection information to build a continuous line

CIRCLE OF LIGHT
DESIGNED BY FLOS ARCHITECTURAL



CIRCLE OF LIGHT
300 mm



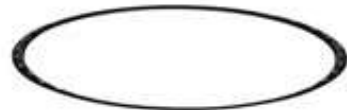
LIGHT SOURCE
POWER LED
12x3W
12x325 lm
2700K/CRI 90
12x3W
12x370 lm
3000K/CRI 90

CIRCLE OF LIGHT
600 mm



LIGHT SOURCE
POWER LED
24x3W
24x325 lm
2700K/CRI 90
24x3W
24x370 lm
3000K/CRI 90

CIRCLE OF LIGHT
900 mm



LIGHT SOURCE
POWER LED
36x3W
36x325 lm
2700K/CRI 90
36x3W
36x370 lm
3000K/CRI 90

■ 14 Noir
■ 14 Black



reddot design award
winner 2013

CIRCLE OF LIGHT

Description

Luminaire d'intérieur encastrable, facile à installer aux plafonds en plaques de plâtre et constitué d'une structure circulaire sur laquelle est positionné un module d'éclairage LED, sur tout son pourtour.

Le produit est fourni préinstallé sur un profil de type "Soft Architecture" pour garantir un montage facile et une parfaite intégration au plafond.

Grâce à un système de fixation magnétique, l'installation des modules d'éclairage et leur entretien s'effectuent sans aucun outil particulier.

Circle of Light est disponible dans trois diamètres: 300, 600 et 900 mm avec 12, 24 ou 36 projecteurs respectivement.

Réflecteurs

Le luminaire est disponible en version lumière d'accent avec des optiques intensifs (accent lighting) ou en version lumière d'ambiance avec des optiques extensifs (general lighting), ce qui donne au système une certaine polyvalence pour s'adapter aux différents besoins d'éclairage.

Unité d'Alimentation

Source d'alimentation à distance 24V / 40W incluse.
Input : 100-240VAC / 0.55A 50/60Hz ; Output : +24V / 1.9A. Driver 1-10V (1V fonctionne à 10%) pour des contrôleurs passifs (sink system). Il est aussi compatible avec des systèmes actifs avec des contrôleurs actifs (0,6-10V, source system).

Informations Complémentaires

Le luminaire est fourni avec une source d'alimentation à distance 24V incluse. Son raccordement au convertisseur de courant DC-DC s'effectue par un câblage à connexions rapides, de façon à garantir une installation correcte pour laquelle aucun outil particulier n'est nécessaire.

L'accès à la source d'alimentation comme à son convertisseur de courant DC-DC et à son câblage d'interconnexion s'effectue en retirant la partie centrale du luminaire de manière à faciliter et à simplifier les opérations d'entretien.

Indice de protection IP20.
Classe d'isolation II.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

A lighting system for indoor application comprised of a circular metal structure on which individual LED lighting spots are placed. The fitting is pre-wired and comes with a "Soft Architecture" type frame for an easy and seamless installation on the plasterboard ceiling.

The LED lighting modules are attached with a magnet for an easy mounting and for the maintenance no special tools are needed.

Circle of Light is available in three diameters: 300, 600 or 900 mm comprised of 12, 24 or 36 LED Lighting Spots, according to each size.

Reflectors

The LED spotlight set for the Circle of Light is available for Accent Lighting or General Lighting optic concepts. Herewith this fitting offers a some flexibility to create the desired ambiance.

Power Supply

Remote equipment 24V / 40W included.
Input 100-240VAC / 0.55A 50/60Hz; Output +24V / 1.9A.
Driver 1-10V (1V means 10%) for passive dimming controls (sink system). Also compatible with active dimming controls 0,6-10V (source system).

Additional Information

The connection of the power supply to the converter DC-DC is easy by using distribution boxes and a correct connection can be granted without any special tool. The distribution boxes are included.

For further access to the power supply and to the connected converters DC-DC during maintenance the Circle of Light has a front cover that can be easily removed and reinstalled.

IP20 protection grade.
Insulation class II.

Compliance Of Standards And Quality Marks

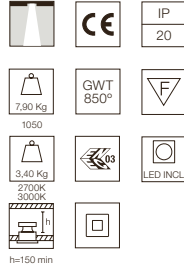
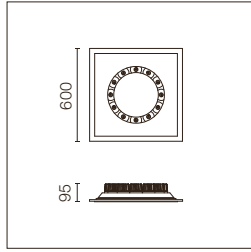
EN60598-1 European Technical Standards and any subsequent additions.



CIRCLE OF LIGHT

Circle Of Light 300 mm

Light Source: Power LED 12x3W - 12x325 lm - 2700K/CRI 90 / 12x3W - 12x370 lm - 3000K/CRI 90



Système d'éclairage parfaitement intégré au plafond, conçu pour loger 12 spots type LED. Boîtier 12 spots avec son système électrique correspondant non compris. Fourni séparément. La version 1-10V est réglable de 10% à 100%.

Lighting system, seamless ceiling mounted, for 12 individual LED lighting spots. Set of 12 spots, complete with junction box, power supply and cables, has to be ordered separately. The 1-10V version is dimmable from 10% to 100%.

Eclairage d'accentuation et éclairage général : commander 1 unité.

Accent lighting and general lighting: 1 unit must be ordered.

Ø300

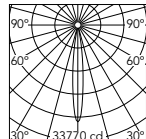
Soft Plate

SA.1050.1

2700K

Set of 12 spots
Accent Lighting

08.8662.14C
08.8662.14C1V
08.8662.14CDA



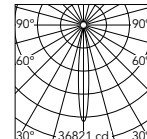
Beam Angle: 12°	h(m)	E(lx)	D(m)
1	33770	0.22	
2	8442	0.43	
3	3752	0.65	
4	2111	0.87	
5	1351	1.08	

Luminous flux luminaire
1890 lm

3000K

Set of 12 spots
Accent Lighting

08.8572.14C
08.8572.14C1V
08.8572.14CDA



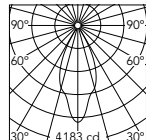
Beam Angle: 12°	h(m)	E(lx)	D(m)
1	36821	0.22	
2	9205	0.43	
3	4091	0.65	
4	2301	0.87	
5	1473	1.08	

Luminous flux luminaire
2061 lm

2700K

Set of 12 spots
General Lighting

08.8663.14C
08.8663.14C1V
08.8663.14CDA



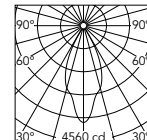
Beam Angle: 44°	h(m)	E(lx)	D(m)
1	4183	0.81	
2	1046	1.61	
3	465	2.42	
4	261	3.23	
5	167	4.03	

Luminous flux luminaire
2011 lm

3000K

Set of 12 spots
General Lighting

08.8573.14C
08.8573.14C1V
08.8573.14CDA

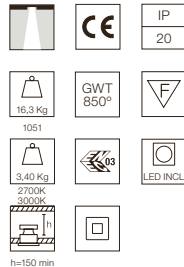
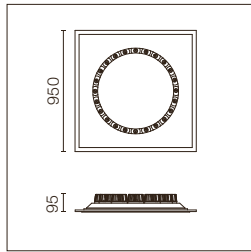


Beam Angle: 44°	h(m)	E(lx)	D(m)
1	4560	0.81	
2	1140	1.61	
3	507	2.42	
4	285	3.23	
5	182	4.03	

Luminous flux luminaire
2193 lm

Circle Of Light 600 mm

Light Source: Power LED 24x3W - 24x325 lm - 2700K/CRI 90 / 24x3W - 24x370 lm - 3000K/CRI 90



Système d'éclairage parfaitement intégré au plafond, conçu pour loger 24 spots type LED. Boîtiers 12 spots avec leur système électrique correspondant non compris. Fournis séparément. La version 1-10V est réglable de 10% à 100%.

Lighting system, seamless ceiling mounted, for 24 individual LED lighting spots. Set of 12 spots, complete with junction box, power supply and cables, has to be ordered separately. The 1-10V version is dimmable from 10% to 100%.

Eclairage d'accentuation et éclairage général : commander 2 unités.

Accent lighting and general lighting: 2 units must be ordered.

Ø600

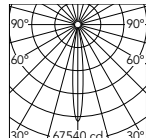
Soft Plate

SA.1051.1

2700K

Set of 12 spots
Accent Lighting

08.8662.14C
08.8662.14C1V
08.8662.14CDA



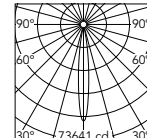
Beam Angle: 12°	h(m)	E(lx)	D(m)
1	67540	0.22	
2	16885	0.43	
3	7504	0.65	
4	4221	0.87	
5	2702	1.08	

Luminous flux luminaire
3781 lm

3000K

Set of 12 spots
Accent Lighting

08.8572.14C
08.8572.14C1V
08.8572.14CDA



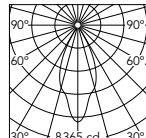
Beam Angle: 12°	h(m)	E(lx)	D(m)
1	73641	0.22	
2	18410	0.43	
3	8182	0.65	
4	4603	0.87	
5	2946	1.08	

Luminous flux luminaire
4122 lm

2700K

Set of 12 spots
General Lighting

08.8663.14C
08.8663.14C1V
08.8663.14CDA



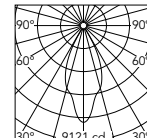
Beam Angle: 44°	h(m)	E(lx)	D(m)
1	8365	0.81	
2	2091	1.61	
3	929	2.42	
4	523	3.23	
5	335	4.03	

Luminous flux luminaire
4023 lm

3000K

Set of 12 spots
General Lighting

08.8573.14C
08.8573.14C1V
08.8573.14CDA



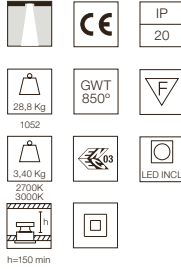
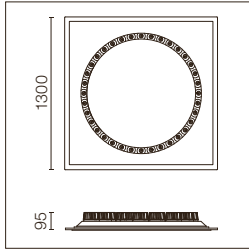
Beam Angle: 44°	h(m)	E(lx)	D(m)
1	9121	0.81	
2	2280	1.61	
3	1013	2.42	
4	570	3.23	
5	365	4.03	

Luminous flux luminaire
4386 lm

CIRCLE OF LIGHT

Circle Of Light 900 mm

Light Source: Power LED 36x3W - 36x325 lm - 2700K/CRI 90 / 36x3W - 36x370 lm - 3000K/CRI 90



Système d'éclairage parfaitement intégré au plafond, conçu pour loger 36 spots type LED. Boîtiers 12 spots avec leur système électrique correspondant non compris. Fournis séparément. La version 1-10V est réglable de 10% à 100%.

Lighting system, seamless ceiling mounted, for 36 individual LED lighting spots. Set of 12 spots, complete with junction box, power supply and cables, has to be ordered separately. The 1-10V version is dimmable from 10% to 100%.

Eclairage d'accentuation et éclairage général : Commander 3 unités.

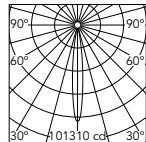
Accent lighting and general lighting: 3 units must be ordered.

Ø900

Soft Plate
SA.1052.1

2700K

Set of 12 spots
Accent Lighting
08.8662.14C
08.8662.14C1V
08.8662.14CDA



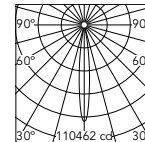
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	101310	0.22
2	25327	0.43
3	11257	0.65
4	6332	0.87
5	4052	1.08

Luminous flux luminaire
5671 lm

3000K

Set of 12 spots
Accent Lighting
08.8572.14C
08.8572.14C1V
08.8572.14CDA



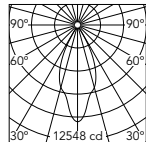
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	110462	0.22
2	27616	0.43
3	12274	0.65
4	6904	0.87
5	4418	1.08

Luminous flux luminaire
6183 lm

2700K

Set of 12 spots
General Lighting
08.8663.14C
08.8663.14C1V
08.8663.14CDA



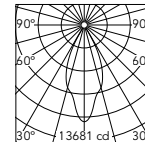
Beam Angle: 44°

h(m)	E(lx)	D(m)
1	12548	0.81
2	3137	1.61
3	1394	2.42
4	784	3.23
5	502	4.03

Luminous flux luminaire
6034 lm

3000K

Set of 12 spots
General Lighting
08.8573.14C
08.8573.14C1V
08.8573.14CDA

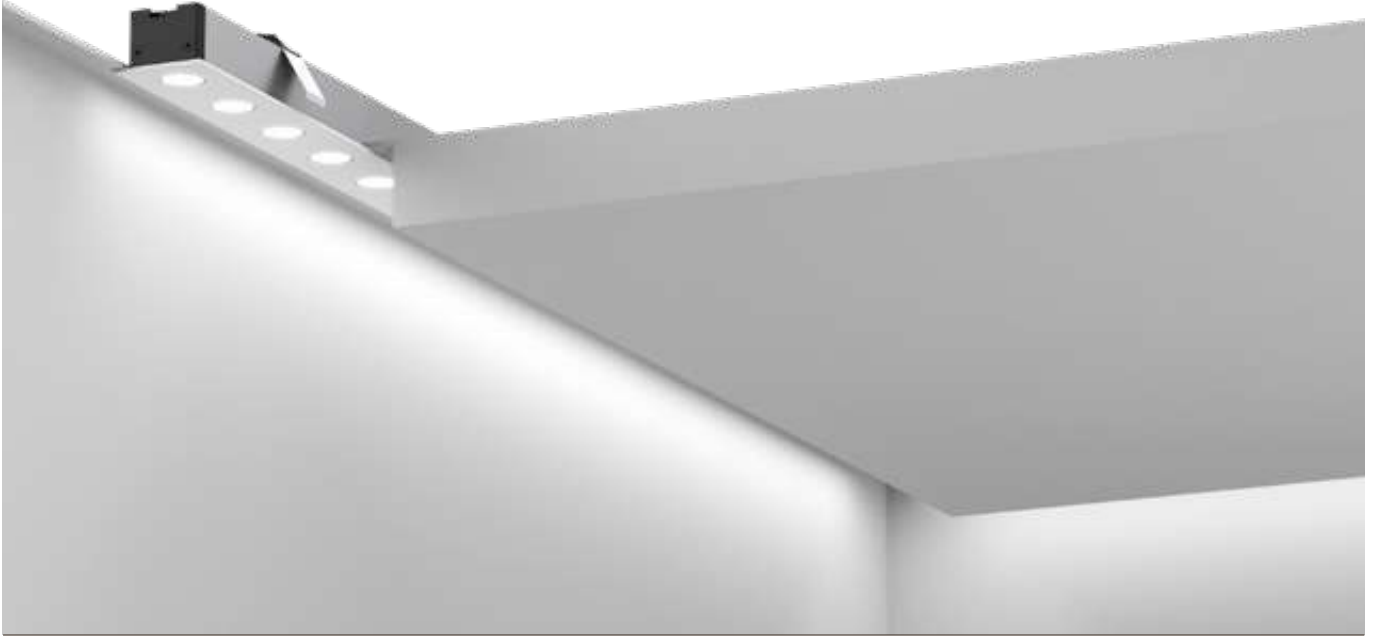


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	13681	0.81
2	3420	1.61
3	1520	2.42
4	855	3.23
5	547	4.03

Luminous flux luminaire
6579 lm

LED CURTAIN
DESIGNED BY FLOS ARCHITECTURAL



LIGHT SOURCE
POWER LED
29W/m
24V
3500 lm/m
3000K/CRI 90
4000K/CRI 90

-
- 30 Blanc
 30 White



LED CURTAIN

Description

Appareil d'éclairage encastré pour LED. Constituée de deux profilés en aluminium extrudé utilisés pour dissiper la chaleur dégagée par les Power LEDs.

Equippée de deux lentilles elliptiques pour une parfaite distribution de la lumière.

Disponible en modules de différentes longueurs qui peuvent être reliés entre eux par un câble de raccordement à connexion rapide de type Tyco.

Unité d'Alimentation

Alimentation de 24V de 20 à 100W (pour 3 mètres de longueur maximum).

Système de contrôle avec dimmer 1-10V ou Dali.

Informations Complémentaires

Modules de LED de différentes longueurs raccordables entre eux par câble de liaison. Dispose de connecteurs rapides de type Tyco, dont l'alimentation doit être réalisée avec le câble prévu, disponible dans les accessoires.

Longueur maximum à partir de l'alimentation: 3 mètres.

Indice de protection IP20.

Classe d'isolation: III.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Embedded light fixtures for LED light source. Made of two extruded aluminium sections used to dissipate the heat from the power LEDs.

With elliptical lenses for perfect light distribution.

Available in modules of different lengths which can be interconnected by a Tyco-type fast-connection cable.

Power Supply

24V power supplies available with a power of between 20W and 100W (maximum 3 metres in length).

Control system with 1-10V dimmer or Dali available.

Additional Information

LED modules of different lengths, inter-connectable using the connection cable. With fast Tyco-type connectors, for power supply with the cable provided for this purpose, available with accessories. Maximum length from a connection point 3 metres.

IP20 protection grade.

Insulation class III.

Standard Compliance and Quality Marks

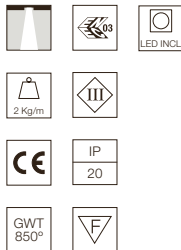
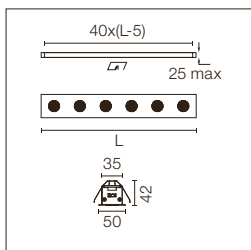
EN60598-1 European Technical Standards and any subsequent additions.



LED CURTAIN

LED Curtain

Light Source: Power LED 29W/m - 24V - 3500 lm/m - 3000K/CRI 90 / 29W/m - 24V - 3500 lm/m - 4000K/CRI 90



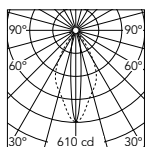
Appareil d'éclairage encastré à LED direct. Equipé d'une lentille elliptique 12°x48°. Driver déporté non inclus.

Recessed luminaire for direct lighting with LED. Elliptical lens 12°x48° incorporated. Remote transformer not included.

3000K

L: 150 mm
4,4W - 500 lm - 3 LEDs

03.3900.30C



Beam Angle: 13°

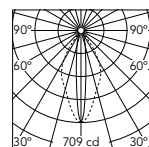
h(m)	E(lx)	D(m)
1	610	0.23
2	153	0.46
3	68	0.69
4	38	0.92
5	24	1.15

Luminous flux luminaire
227 lm
13° - C180 _____ 0
53° - C270 _____ 90

4000K

L: 150 mm
4,4W - 525 lm - 3 LEDs

03.3920.30C



Beam Angle: 12°

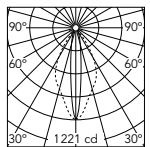
h(m)	E(lx)	D(m)
1	709	0.21
2	177	0.42
3	79	0.63
4	44	0.84
5	28	1.06

Luminous flux luminaire
252 lm
12° - C180 _____ 0
51° - C270 _____ 90

L: 300 mm

8,7W - 1000 lm - 6 LEDs

03.3901.30C



Beam Angle: 13°

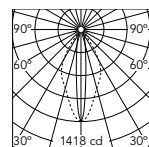
h(m)	E(lx)	D(m)
1	1221	0.23
2	305	0.46
3	136	0.69
4	76	0.92
5	49	1.15

Luminous flux luminaire
453 lm
13° - C180 _____ 0
53° - C270 _____ 90

L: 300 mm

8,7W - 1050 lm - 6 LEDs

03.3921.30C



Beam Angle: 12°

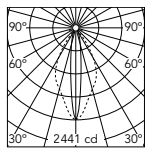
h(m)	E(lx)	D(m)
1	1418	0.21
2	355	0.42
3	158	0.63
4	89	0.84
5	57	1.06

Luminous flux luminaire
503 lm
12° - C180 _____ 0
51° - C270 _____ 90

L: 600 mm

17,3W - 2000 lm - 12 LEDs

03.3902.30C



Beam Angle: 13°

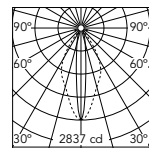
h(m)	E(lx)	D(m)
1	2441	0.23
2	610	0.46
3	271	0.69
4	153	0.92
5	98	1.15

Luminous flux luminaire
906 lm
13° - C180 _____ 0
53° - C270 _____ 90

L: 600 mm

17,3W - 2100 lm - 12 LEDs

03.3922.30C



Beam Angle: 12°

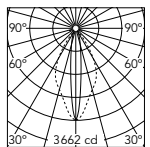
h(m)	E(lx)	D(m)
1	2837	0.21
2	709	0.42
3	315	0.63
4	177	0.84
5	113	1.06

Luminous flux luminaire
1007 lm
12° - C180 _____ 0
51° - C270 _____ 90

L: 900 mm

26W - 3000 lm - 18 LEDs

03.3903.30C



Beam Angle: 13°

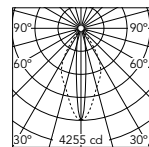
h(m)	E(lx)	D(m)
1	3662	0.23
2	916	0.46
3	407	0.69
4	229	0.92
5	146	1.15

Luminous flux luminaire
1360 lm
13° - C180 _____ 0
53° - C270 _____ 90

L: 900 mm

26W - 3150 lm - 18 LEDs

03.3923.30C



Beam Angle: 12°

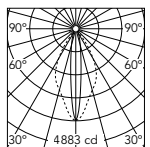
h(m)	E(lx)	D(m)
1	4255	0.21
2	1064	0.42
3	473	0.63
4	266	0.84
5	170	1.06

Luminous flux luminaire
1510 lm
12° - C180 _____ 0
51° - C270 _____ 90

L: 1200 mm

34,7W - 4000 lm - 24 LEDs

03.3904.30C



Beam Angle: 13°

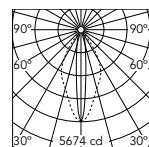
h(m)	E(lx)	D(m)
1	4883	0.23
2	1221	0.46
3	543	0.69
4	305	0.92
5	195	1.15

Luminous flux luminaire
1813 lm
13° - C180 _____ 0
53° - C270 _____ 90

L: 1200 mm

34,7W - 4200 lm - 24 LEDs

03.3924.30C



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	5674	0.21
2	1418	0.42
3	630	0.63
4	355	0.84
5	227	1.06

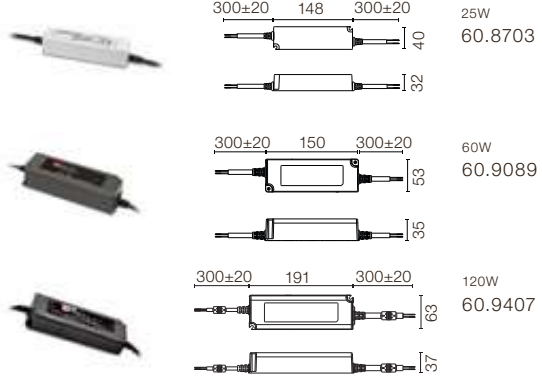
Luminous flux luminaire
2014 lm
12° - C180 _____ 0
51° - C270 _____ 90

LED CURTAIN

Appareillages / Drivers

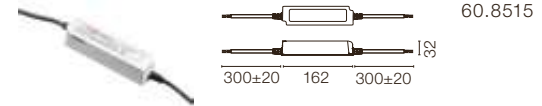
Transformateur électronique à tension constante (24V) pour LED. 100/240V.

Electronic transformer with constant voltage (24V) for LED. 100/240V.



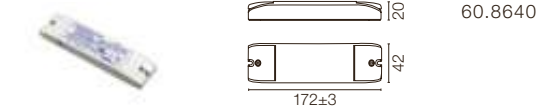
Transformateur électronique à tension constante (24V) pour LED. 60W. 100/240V. Pour utilisation indépendante.

Electronic transformer with constant voltage (24V) for LED. 60W. 100/240V. For independent use.



Unité de contrôle dimmable 1-10V avec 1 canal pour les modules LED 24V. Appareil d'alimentation non inclus. Max. 120W - 5A.

Dimmable 1-10V control unit with 1 channel for 24V LED modules. Power supply not included. Max. 120W - 5A.



Cable de raccordement à connexion rapide de type Tyco.

Connection cable between modules with Tyco fast connection cable.



Cable d'alimentation à connexion rapide de type Tyco. Long. Maxi 3 mètres.

Power cable with Tyco fast connection cable. Maximum supply length 3 metres.



DOWNLIGHTS & UPLIGHTS

Kap, Free Sixty, Bon Jour, Light Shooter,
Light Sniper, UT Downlight, Light Supply,
Pure Downlight, Compass, Anthony Downlight,
Wan Downlight, Light Soldier, Decofix,
Johnny, Compass Box Recessed,
Battery, Micro Battery, Neutron.

KAP

DESIGNED BY FLOS ARCHITECTURAL

KAP 80 FIXED



LIGHT SOURCE
LED ARRAY
9,2W
935 lm
2700K/CRI 90
974 lm
3000K/CRI 90

LIGHT SOURCE
LED ARRAY
13W
2850K-1800K
CRI 95
Dim-To-Warm

KAP 80 WALL-WASHER



LIGHT SOURCE
QR-CBC 51
GX5.3
max 50W
- OR -
LED
QR-CBC 51
max 8W

LIGHT SOURCE
PAR 16
GZ10
max 50W
- OR -
LED
PAR 16
max 8W

KAP 80 ADJUSTABLE



LIGHT SOURCE
LED ARRAY
9,2W
935 lm
2700K/CRI 90
974 lm
3000K/CRI 90

LIGHT SOURCE
LED ARRAY
13W
2850K-1800K
CRI 95
Dim-To-Warm

LIGHT SOURCE
LED
QR-CBC 51
GX5.3
max 8W

LIGHT SOURCE
LED
PAR 16
GZ10
max 8W

KAP Ø105



LIGHT SOURCE
PHOSPHOR
LED
15,6W
1300 lm
2700K/CRI 98
3000K/CRI 98

LIGHT SOURCE
LED ARRAY
13,5W
1600 lm
2700K/CRI 90
1650 lm
3000K/CRI 90

LIGHT SOURCE
QT-12
GY6.35
max 50W

KAP 105 SQUARE



LIGHT SOURCE
PHOSPHOR
LED
17W
1400 lm
2700K/CRI 98
3000K/CRI 98

LIGHT SOURCE
LED ARRAY
17W
1800 lm
2700K/CRI 90
2000 lm
3000K/CRI 90

LIGHT SOURCE
QR-CBC 51
GX5.3
max 50W
- OR -
LED
QR-CBC 51
7W

KAP Ø145



LIGHT SOURCE
PHOSPHOR
LED
17W
1400 lm
2700K/CRI 98
3000K/CRI 98

KAP Ø145 DEEP



LIGHT SOURCE
LED ARRAY
17W
1800 lm
2700K/CRI 90
2000 lm
3000K/CRI 90

KAP Ø145 WALL-WASHER



EASY KAP 80 FIXED



LIGHT SOURCE
LED ARRAY
9,2W
935 lm
2700K/CRI 90
974 lm
3000K/CRI 90

EASY KAP 80 ADJUSTABLE



LIGHT SOURCE
LED ARRAY
13W
2850K-1800K
CRI 95
Dim-To-Warm

EASY KAP 80 WALL-WASHER



LIGHT SOURCE
QR-CBC 51
GX5.3
*max 50W
- OR -
LED
QR-CBC 51
max 8W

LIGHT SOURCE
PAR 16
GZ10
*max 50W
- OR -
LED
PAR 16
max 8W

EASY KAP Ø105 FIXED



LIGHT SOURCE
LED ARRAY
9,2W
698 lm
2700K/CRI 90
810 lm
3000K/CRI 90

EASY KAP Ø105 WALL-WASHER



LIGHT SOURCE
QR-CBC 51
GX5.3
max 50W
- OR -
LED
QR-CBC 51
7W

LIGHT SOURCE
HI PAR 51
GX10
max 35W

* Only Fixed / Wall-Washer version

□ B1 Blanc
B1 White



■ GL Or Mat
GL Matt Gold



■ BU Bleu
BU Blue



■ 74 Noir
74 Black



■ CU Cuivre
CU Copper



Description

Luminaire encastré pour lampes halogènes, à iodures métalliques et LED.

Easy Kap dispose d'un corps en injection de zamac pour le modèle 105mm et en aluminium pour le modèle 80mm, avec finition peinture liquide, peinture poudre et/ou cuivre métallisé avec diffuseur en verre ou en plastique, selon les versions. Le cadre de montage n'est pas nécessaire.

Kap dispose d'un corps en aluminium peint et en cuivre métallisé. Il est disponible en trois diamètres : 80 mm, 105 mm et 145 mm.

Optique principale en aluminium anodisé brillant avec diffuseur en verre ou en plastique selon les versions.

Douille avec élément dissipateur de chaleur en aluminium et anneau d'encastrement du corps optique en thermoplastique.

Système d'installation Fast&Perfect pour les versions Kap 80 rond et carré et 105 rond.

Unité d'Alimentation

Easy Kap 80 / 105 LED et Kap 80: appareillage à distance non inclus.

Kap 105/145 LED/Kap 80 et Easy Kap 80 Dim-To-Warm: appareillage à distance 1-10V inclus. Le voltage de sortie de l'équipement doit toujours être inférieur à 60Vdc.

Accessoires

Cadre de montage et outil Fast&Perfect pour les versions Kap 80 rond et carré et 105 rond.

Boîtier de réservation pour installation dans le béton.

Informations Complémentaires

Indice de protection IP20, IP23, IP43, IP44 selon les versions.

Classe d'isolation I, II, III selon les versions.

- KAP 105 / 145 :

Grâce à la technologie à phosphore déporté, les modules LED qui équipent les versions Phosphor LED offrent la meilleure qualité de lumière possible, et une perception des objets et des espaces qui atteignent des indices de reproduction chromatique jusqu'à 98 selon les versions. Les modules LED installés dans les versions LED Array sont équipés de la dernière génération technologique qui permet une température moyenne plus faible au niveau de l'électronique. Grâce à cette caractéristique, le luminaire peut fonctionner à plus forte puissance dans les limites des paramètres de sécurité, en offrant une augmentation de 20% du flux lumineux.

La nouvelle technologie "Dim-To-Warm" reproduit l'effet d'une lampe halogène traditionnelle et offre une lumière plus chaleureuse en réduisant l'intensité lumineuse.

Les luminaires « Dim-To-Warm » se règlent via le protocole 1-10V.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Luminaire for embedded installation in ceilings for halogen lamps, meta-halide lamps and LEDs.

The Easy Kap version has a Zamak injected body for the 105 mm version and steel for the 80 mm version, with a liquid paint, dust and/or metallic copper finish with a glass or plastic diffuser depending on the version. It does not need a pre-installation frame.

The Kap version has an aluminium-injected body with a liquid paint and metallic copper finish. Available in three diameters: 80 mm, 105 mm and 145 mm.

Main optics in shiny anodised aluminium with a glass or plastic diffuser element, depending on the version.

Lamp holder with a dissipating element in injected aluminium and a thermoplastic embedding ring for the optic body.

Fast&Perfect installation system for the round and square versions of the Kap 80 and round 105.

Power Supply

Easy Kap 80/105 LED and Kap 80: Remote equipment not included.

Kap 105/145 LED/Kap 80 and Easy Kap 80 Dim-To-Warm: 1-10V remote equipment included. The output voltage of the equipment must always be less than 60Vdc.

Accessories

Pre-installation frame and Fast&Perfect tool for the round and square Kap 80 and round 105 version.

Available for installation on cement.

Additional Information

IP20, IP23, IP43, IP44 protection grade depending on the versions.

Insulation class I, II, III depending on the versions.

- KAP 80 / 105 / 145:

Thanks to remote-phosphor technology, the LED modules of the Phosphor LED version offer maximum quality light, the perception of objects and spaces, reaching chromatic reproduction indices of 98, depending on the version. The LED modules installed on the LED Array versions have cutting-edge technology that permits a lower average temperature in the electronics. Thanks to this feature, the luminaire can operate at a higher power inside the safety parameters yet still offer 20% added luminous flux.

The new "Dim-To-Warm" technology reproduces the effect of a traditional halogen lamp, offering a warmer light by reducing the light intensity.

The "Dim-To-Warm" luminaires are dimmed through the 1-10V protocol.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Easy Kap

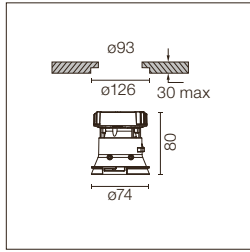


Kap

K A P

Kap Ø80 Fixed - Optic Spot

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

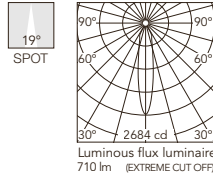
Alimentations recommandées :

Recommended power supply:

Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

60.8880
60.8668
60.8847
60.8534

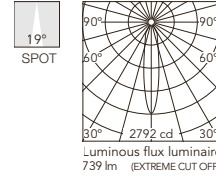
2700K
□ 03.4531.B1



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2684	0.34
2	671	0.68
3	298	1.02
4	168	1.36
5	107	1.70

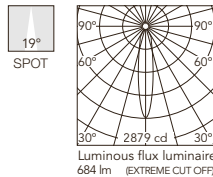
3000K
□ 03.4530.B1



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2792	0.34
2	698	0.68
3	310	1.02
4	175	1.36
5	112	1.70

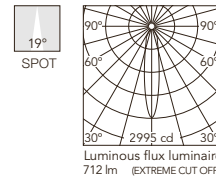
■ 03.4531.GL



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2879	0.33
2	720	0.67
3	320	1.00
4	180	1.33
5	115	1.66

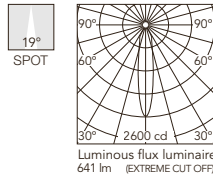
■ 03.4530.GL



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2995	0.33
2	749	0.67
3	333	1.00
4	187	1.33
5	120	1.66

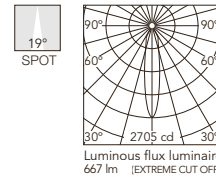
■ 03.4531.BU



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2600	0.34
2	650	0.68
3	289	1.02
4	163	1.36
5	104	1.70

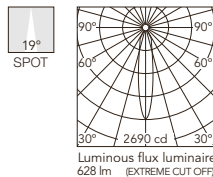
■ 03.4530.BU



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2705	0.34
2	676	0.68
3	301	1.02
4	169	1.36
5	108	1.70

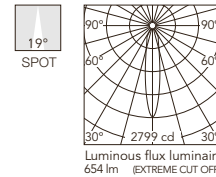
■ 03.4531.74



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2690	0.33
2	673	0.66
3	299	0.99
4	168	1.31
5	108	1.64

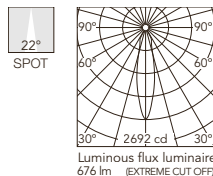
■ 03.4530.74



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2799	0.33
2	700	0.66
3	311	0.99
4	175	1.31
5	112	1.64

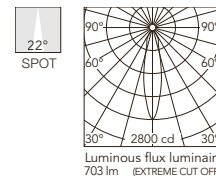
■ 03.4531.CU



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2692	0.40
2	673	0.79
3	299	1.19
4	168	1.58
5	108	1.98

■ 03.4530.CU

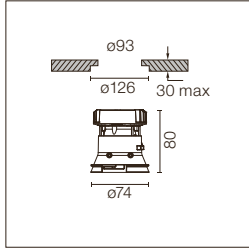


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2800	0.40
2	700	0.79
3	311	1.19
4	175	1.58
5	112	1.98

Kap Ø80 Fixed - Optic Spot - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWGT 850°

0,24 Kg

LED INCL

IP 54

h=91 min

CE

F

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

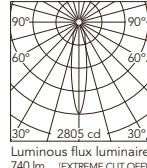
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

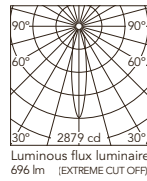
2850K-1800K
03.4530.B1.LE



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2805	0.35
2	701	0.69
3	312	1.04
4	175	1.39
5	112	1.74

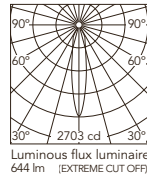
03.4530.GL.LE



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2879	0.33
2	720	0.67
3	320	1.00
4	180	1.33
5	115	1.67

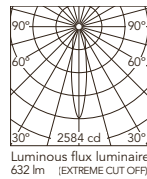
03.4530.BU.LE



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2703	0.33
2	676	0.66
3	300	0.99
4	169	1.32
5	108	1.65

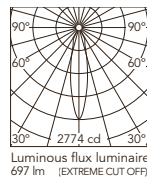
03.4530.74.LE



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2584	0.34
2	646	0.68
3	287	1.02
4	161	1.35
5	103	1.69

03.4530.CU.LE

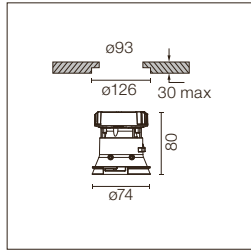


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2774	0.38
2	693	0.76
3	308	1.14
4	173	1.53
5	111	1.91

Kap Ø80 Fixed - Optic Medium

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**.
À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

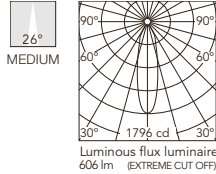
Alimentations recommandées :

Recommended power supply:

Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

60.8880
60.8668
60.8847
60.8534

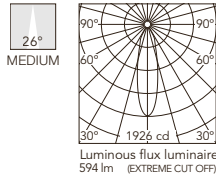
2700K
□ 03.4181.B1



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1796	0.46
2	449	0.92
3	200	1.39
4	112	1.85
5	72	2.31

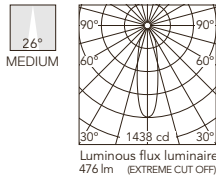
■ 03.4181.GL



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1926	0.46
2	481	0.92
3	214	1.38
4	120	1.84
5	77	2.30

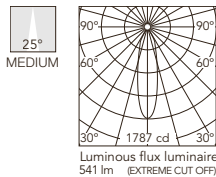
■ 03.4181.BU



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1438	0.47
2	359	0.93
3	160	1.40
4	90	1.87
5	58	2.34

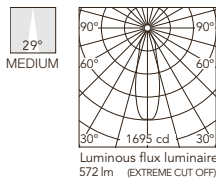
■ 03.4181.74



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1787	0.45
2	447	0.89
3	199	1.34
4	112	1.79
5	71	2.23

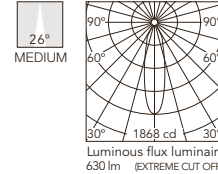
■ 03.4181.CU



Beam Angle: 29°

h(m)	E(lx)	D(m)
1	1695	0.51
2	424	1.03
3	188	1.54
4	106	2.05
5	68	2.57

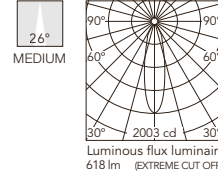
3000K
□ 03.4180.B1



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1868	0.46
2	467	0.92
3	208	1.39
4	117	1.85
5	75	2.31

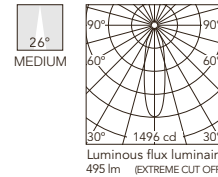
■ 03.4180.GL



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	2003	0.46
2	501	0.92
3	223	1.38
4	125	1.84
5	80	2.30

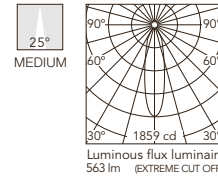
■ 03.4180.BU



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1496	0.47
2	374	0.93
3	166	1.40
4	93	1.87
5	60	2.34

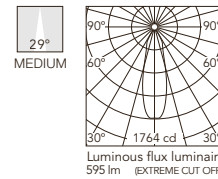
■ 03.4180.74



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1859	0.45
2	465	0.89
3	207	1.34
4	116	1.79
5	74	2.23

■ 03.4180.CU

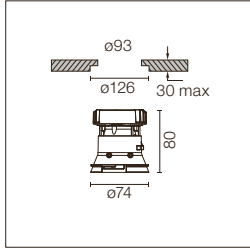


Beam Angle: 29°

h(m)	E(lx)	D(m)
1	1764	0.51
2	441	1.03
3	196	1.54
4	110	2.05
5	71	2.57

Kap Ø80 Fixed - Optic Medium - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWGT 850°
 0,24 Kg
 LED INCL
 IP 54
 CE
 E/F

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

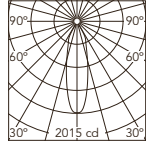
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4180.B1.LE

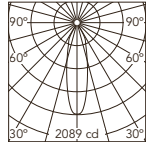


Luminous flux luminaire 735 lm (EXTREME CUT OFF)

Beam Angle: 27°

h(m)	E(lx)	D(m)
1	2015	0.49
2	504	0.98
3	224	1.46
4	126	1.95
5	81	2.44

03.4180.GL.LE

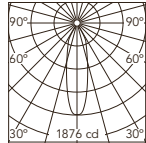


Luminous flux luminaire 705 lm (EXTREME CUT OFF)

Beam Angle: 27°

h(m)	E(lx)	D(m)
1	2089	0.47
2	522	0.95
3	232	1.42
4	131	1.89
5	84	2.37

03.4180.BU.LE

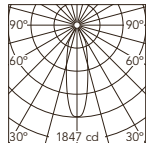


Luminous flux luminaire 641 lm (EXTREME CUT OFF)

Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1876	0.48
2	469	0.96
3	208	1.44
4	117	1.92
5	75	2.40

03.4180.74.LE

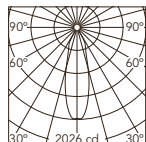


Luminous flux luminaire 637 lm (EXTREME CUT OFF)

Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1847	0.49
2	462	0.98
3	205	1.47
4	115	1.96
5	74	2.45

03.4180.CU.LE



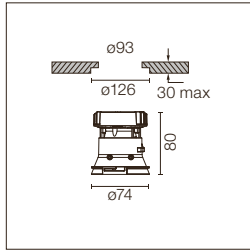
Luminous flux luminaire 698 lm (EXTREME CUT OFF)

Beam Angle: 29°

h(m)	E(lx)	D(m)
1	2026	0.52
2	506	1.04
3	225	1.56
4	127	2.09
5	81	2.61

Kap Ø80 Fixed - Optic Flood

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**.
À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

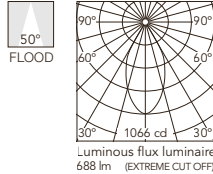
Alimentations recommandées :

Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:

60.8880
60.8668
60.8847
60.8534

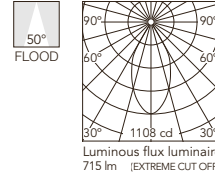
2700K
□ 03.4533.B1



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1066	0.93
2	266	1.86
3	118	2.79
4	67	3.72
5	43	4.65

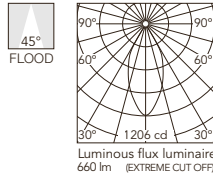
3000K
□ 03.4532.B1



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1108	0.93
2	277	1.86
3	123	2.79
4	69	3.72
5	44	4.65

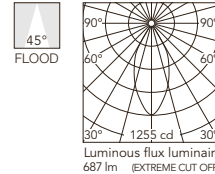
■ 03.4533.GL



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1206	0.83
2	302	1.66
3	134	2.48
4	75	3.31
5	48	4.14

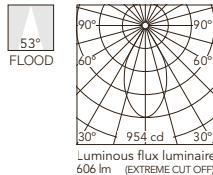
■ 03.4532.GL



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1255	0.83
2	314	1.66
3	139	2.48
4	78	3.31
5	50	4.14

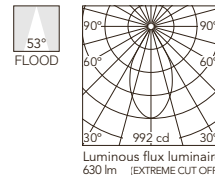
■ 03.4533.BU



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	954	1.00
2	238	2.01
3	106	3.01
4	60	4.02
5	38	5.02

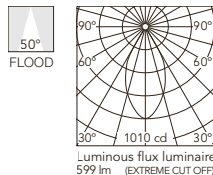
■ 03.4532.BU



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	992	1.00
2	248	2.01
3	110	3.01
4	62	4.02
5	40	5.02

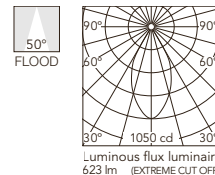
■ 03.4533.74



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1010	0.94
2	252	1.89
3	112	2.83
4	63	3.77
5	40	4.72

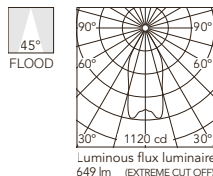
■ 03.4532.74



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1050	0.94
2	263	1.89
3	117	2.83
4	66	3.77
5	42	4.72

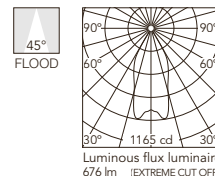
■ 03.4533.CU



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1120	0.83
2	280	1.66
3	124	2.49
4	70	3.32
5	45	4.14

■ 03.4532.CU

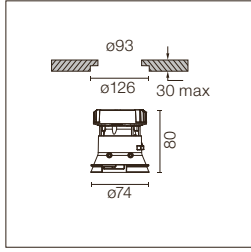


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1165	0.83
2	291	1.66
3	129	2.49
4	73	3.32
5	47	4.14

Kap Ø80 Fixed - Optic Flood - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWGT 850°
 0,24 Kg
 LED INCL
 IP 54
 CE
 F
 ø126
 h=91 min

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

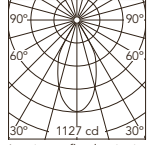
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4532.B1.LE

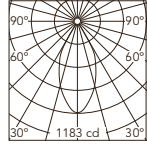


Luminous flux luminaire 729 lm (EXTREME CUT OFF)

Beam Angle: 49°

h(m)	E(lx)	D(m)
1	1127	0.92
2	282	1.83
3	125	2.75
4	70	3.67
5	45	4.59

03.4532.GL.LE

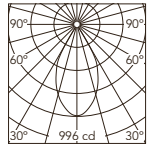


Luminous flux luminaire 690 lm (EXTREME CUT OFF)

Beam Angle: 47°

h(m)	E(lx)	D(m)
1	1183	0.87
2	296	1.75
3	131	2.62
4	74	3.50
5	47	4.37

03.4532.BU.LE

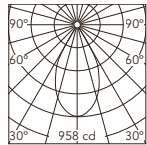


Luminous flux luminaire 631 lm (EXTREME CUT OFF)

Beam Angle: 53°

h(m)	E(lx)	D(m)
1	996	1.00
2	249	1.99
3	111	2.99
4	62	3.98
5	40	4.98

03.4532.74.LE

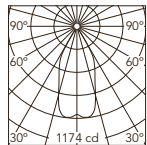


Luminous flux luminaire 622 lm (EXTREME CUT OFF)

Beam Angle: 54°

h(m)	E(lx)	D(m)
1	958	1.02
2	239	2.04
3	106	3.06
4	60	4.09
5	38	5.11

03.4532.CU.LE



Luminous flux luminaire 694 lm (EXTREME CUT OFF)

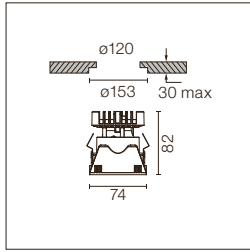
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1174	0.86
2	293	1.71
3	130	2.57
4	73	3.42
5	47	4.28

KAP

Kap 80 Square Fixed - Optic Spot

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

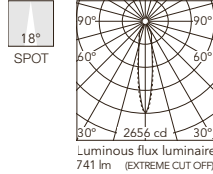
Alimentations recommandées :

Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:

60.8880
60.8668
60.8847
60.8534

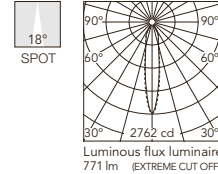
2700K
03.4535.B1



h(m)	E(lx)	D(m)
1	2656	0.31
2	664	0.62
3	295	0.94
4	166	1.25
5	106	1.56

Luminous flux luminaire
741 lm (EXTREME CUT OFF)

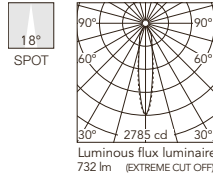
3000K
03.4534.B1



h(m)	E(lx)	D(m)
1	2762	0.31
2	691	0.62
3	307	0.94
4	173	1.25
5	110	1.56

Luminous flux luminaire
771 lm (EXTREME CUT OFF)

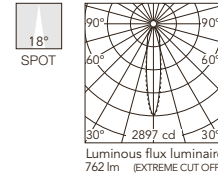
03.4535.GL



h(m)	E(lx)	D(m)
1	2785	0.31
2	696	0.63
3	309	0.94
4	174	1.26
5	111	1.57

Luminous flux luminaire
732 lm (EXTREME CUT OFF)

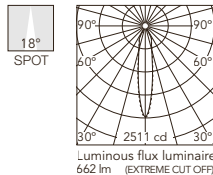
03.4534.GL



h(m)	E(lx)	D(m)
1	2897	0.31
2	724	0.63
3	322	0.94
4	181	1.26
5	116	1.57

Luminous flux luminaire
762 lm (EXTREME CUT OFF)

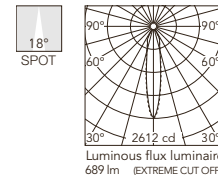
03.4535.BU



h(m)	E(lx)	D(m)
1	2511	0.32
2	628	0.64
3	279	0.96
4	157	1.28
5	100	1.60

Luminous flux luminaire
662 lm (EXTREME CUT OFF)

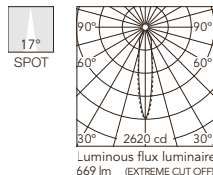
03.4534.BU



h(m)	E(lx)	D(m)
1	2612	0.32
2	653	0.64
3	290	0.96
4	163	1.28
5	104	1.60

Luminous flux luminaire
689 lm (EXTREME CUT OFF)

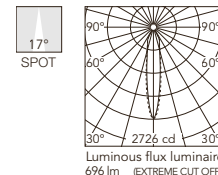
03.4535.74



h(m)	E(lx)	D(m)
1	2620	0.30
2	655	0.60
3	291	0.90
4	164	1.20
5	105	1.50

Luminous flux luminaire
669 lm (EXTREME CUT OFF)

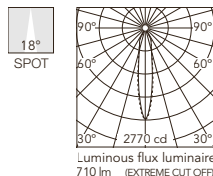
03.4534.74



h(m)	E(lx)	D(m)
1	2726	0.30
2	681	0.60
3	303	0.90
4	170	1.20
5	109	1.50

Luminous flux luminaire
696 lm (EXTREME CUT OFF)

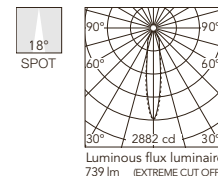
03.4535.CU



h(m)	E(lx)	D(m)
1	2770	0.31
2	693	0.62
3	308	0.94
4	173	1.25
5	111	1.56

Luminous flux luminaire
710 lm (EXTREME CUT OFF)

03.4534.CU

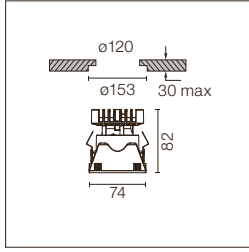


h(m)	E(lx)	D(m)
1	2882	0.31
2	720	0.62
3	320	0.94
4	180	1.25
5	115	1.56

Luminous flux luminaire
739 lm (EXTREME CUT OFF)

Kap 80 Square Fixed - Optic Spot - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWT 850°
 0,24 Kg
 LED INCL
 IP 54
 CE
 E

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

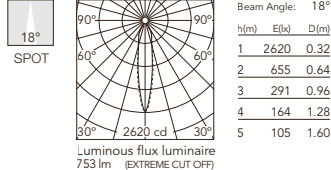
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

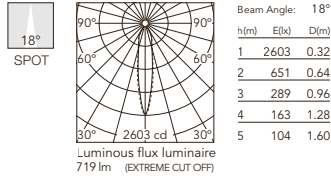
Diffuseur inclus.

Diffusing lens included.

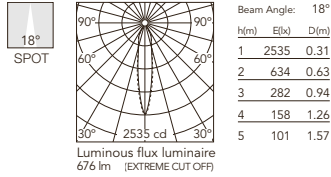
2850K-1800K
 03.4534.B1.LE



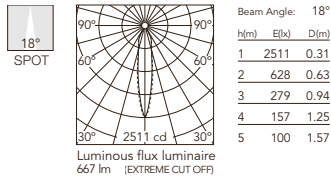
03.4534.GL.LE



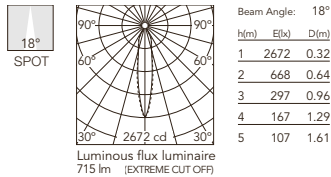
03.4534.BU.LE



03.4534.74.LE

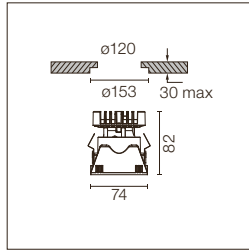


03.4534.CU.LE



Kap 80 Square Fixed - Optic Medium

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



GWT 850°
 IP 54
 0,24 Kg
Fast&Perfect
 LED INCL
 CE
 III
 LED INCL

Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**.
À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

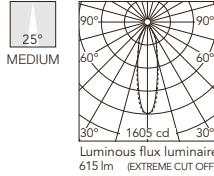
Alimentations recommandées :

Recommended power supply:

- Non Dimmable
- Dimmable 1-10V
- Dimmable Dali
- Mains Dimming

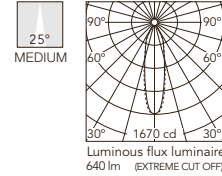
- 60.8880
- 60.8533
- 60.8847
- 60.8534

2700K
03.4183.B1



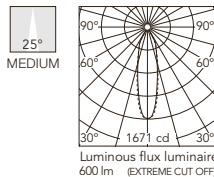
h(m)	E(lx)	D(m)
1	1605	0.45
2	401	0.90
3	178	1.34
4	100	1.79
5	64	2.24

3000K
03.4182.B1



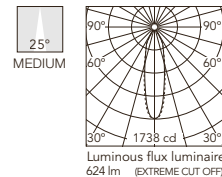
h(m)	E(lx)	D(m)
1	1670	0.45
2	417	0.90
3	186	1.34
4	104	1.79
5	67	2.24

03.4183.GL



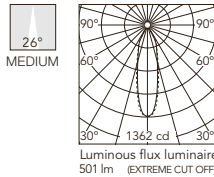
h(m)	E(lx)	D(m)
1	1671	0.45
2	418	0.90
3	186	1.34
4	104	1.79
5	67	2.24

03.4182.GL



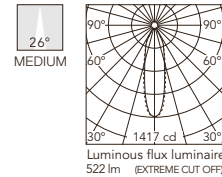
h(m)	E(lx)	D(m)
1	1738	0.45
2	435	0.90
3	193	1.34
4	109	1.79
5	70	2.24

03.4183.BU



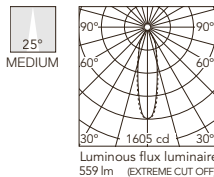
h(m)	E(lx)	D(m)
1	1362	0.45
2	340	0.91
3	151	1.36
4	85	1.82
5	54	2.27

03.4182.BU



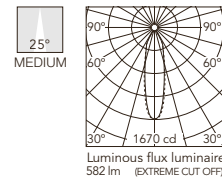
h(m)	E(lx)	D(m)
1	1417	0.45
2	354	0.91
3	157	1.36
4	89	1.82
5	57	2.27

03.4183.74



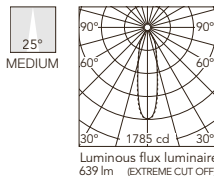
h(m)	E(lx)	D(m)
1	1605	0.44
2	401	0.88
3	178	1.32
4	100	1.76
5	64	2.20

03.4182.74



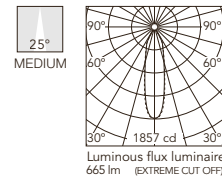
h(m)	E(lx)	D(m)
1	1670	0.44
2	417	0.88
3	186	1.32
4	104	1.76
5	67	2.20

03.4183.CU



h(m)	E(lx)	D(m)
1	1785	0.44
2	446	0.88
3	198	1.32
4	112	1.75
5	71	2.19

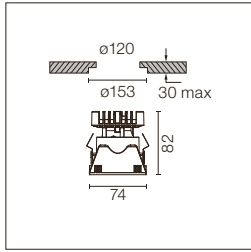
03.4182.CU



h(m)	E(lx)	D(m)
1	1857	0.44
2	464	0.88
3	206	1.32
4	116	1.75
5	74	2.19

Kap 80 Square Fixed - Optic Medium - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWT 850°
 0,24 Kg
 LED INCL
 IP 54
 CE
 F
 ø153
 h=93 min

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

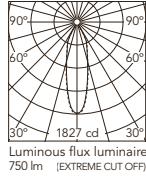
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

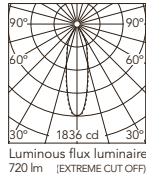
2850K-1800K
 03.4182.B1.LE



Beam Angle: 27°

h(m)	Ef(x)	D(m)
1	1827	0.48
2	457	0.96
3	203	1.45
4	114	1.93
5	73	2.41

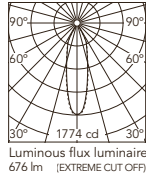
03.4182.GL.LE



Beam Angle: 27°

h(m)	Ef(x)	D(m)
1	1836	0.49
2	459	0.98
3	204	1.47
4	115	1.95
5	73	2.44

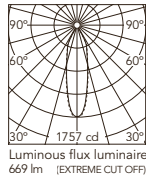
03.4182.BU.LE



Beam Angle: 27°

h(m)	Ef(x)	D(m)
1	1774	0.48
2	444	0.96
3	197	1.44
4	111	1.92
5	71	2.40

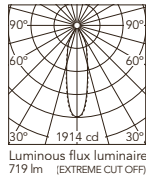
03.4182.74.LE



Beam Angle: 27°

h(m)	Ef(x)	D(m)
1	1757	0.48
2	439	0.96
3	195	1.44
4	110	1.93
5	70	2.41

03.4182.CU.LE

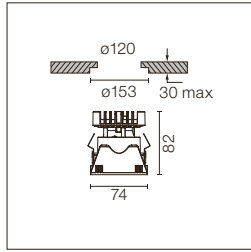


Beam Angle: 27°

h(m)	Ef(x)	D(m)
1	1914	0.48
2	478	0.95
3	213	1.43
4	120	1.90
5	77	2.38

Kap 80 Square Fixed - Optic Flood

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



	GWT 850°	IP 54
	0,24 Kg	
	h=93 min	

Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**.
À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

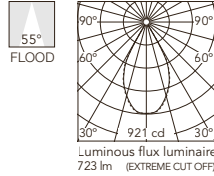
Alimentations recommandées :

- Non Dimmable
- Dimmable 1-10V
- Dimmable Dali
- Mains Dimming

Recommended power supply:

- 60.8880
- 60.8533
- 60.8847
- 60.8534

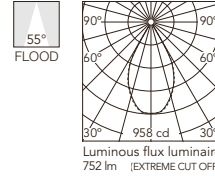
2700K
03.4537.B1



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	921	1.03
2	230	2.07
3	102	3.10
4	58	4.14
5	37	5.17

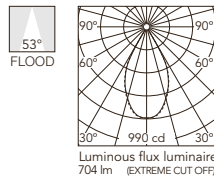
3000K
03.4536.B1



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	958	1.03
2	240	2.07
3	106	3.10
4	60	4.14
5	38	5.17

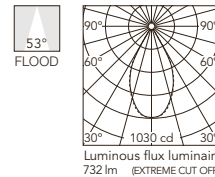
03.4537.GL



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	990	1.00
2	248	2.00
3	110	3.00
4	62	4.00
5	40	5.01

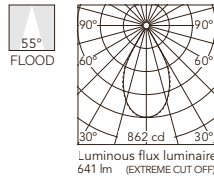
03.4536.GL



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	1030	1.00
2	258	2.00
3	114	3.00
4	64	4.00
5	41	5.01

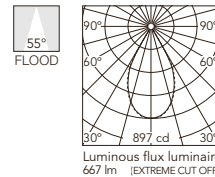
03.4537.BU



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	862	1.04
2	216	2.09
3	96	3.13
4	54	4.18
5	34	5.22

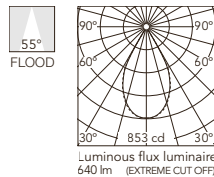
03.4536.BU



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	897	1.04
2	224	2.09
3	100	3.13
4	56	4.18
5	36	5.22

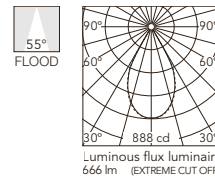
03.4537.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	853	1.05
2	213	2.10
3	95	3.16
4	53	4.21
5	34	5.26

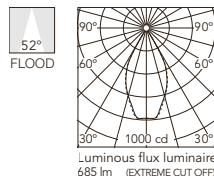
03.4536.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	888	1.05
2	222	2.10
3	99	3.16
4	55	4.21
5	36	5.26

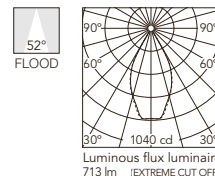
03.4537.CU



Beam Angle: 52°

h(m)	E(lx)	D(m)
1	1000	0.97
2	250	1.93
3	111	2.90
4	63	3.87
5	40	4.84

03.4536.CU

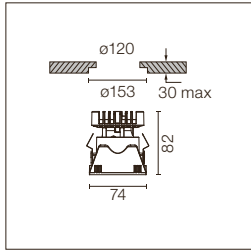


Beam Angle: 52°

h(m)	E(lx)	D(m)
1	1040	0.97
2	260	1.93
3	116	2.90
4	65	3.87
5	42	4.84

Kap 80 Square Fixed - Optic Flood - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWT 850°
 0,24 Kg
 LED INCL
 IP 54
 CE
 F
 ø153
 h=93 min

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

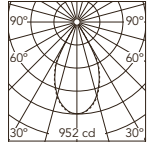
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4536.B1.LE

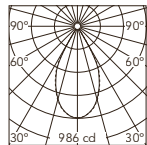


Luminous flux luminaire
736 lm (EXTREME CUT OFF)

Beam Angle: 54°

h(m)	E(lx)	D(m)
1	952	1.02
2	238	2.04
3	106	3.06
4	59	4.08
5	38	5.10

03.4536.GL.LE

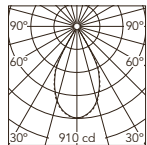


Luminous flux luminaire
715 lm (EXTREME CUT OFF)

Beam Angle: 53°

h(m)	E(lx)	D(m)
1	986	1.00
2	247	2.01
3	110	3.01
4	62	4.01
5	39	5.02

03.4536.BU.LE

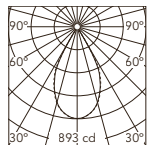


Luminous flux luminaire
661 lm (EXTREME CUT OFF)

Beam Angle: 54°

h(m)	E(lx)	D(m)
1	910	1.02
2	227	2.05
3	101	3.07
4	57	4.09
5	36	5.12

03.4536.74.LE

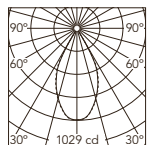


Luminous flux luminaire
659 lm (EXTREME CUT OFF)

Beam Angle: 54°

h(m)	E(lx)	D(m)
1	893	1.03
2	223	2.05
3	99	3.08
4	56	4.11
5	36	5.14

03.4536.CU.LE



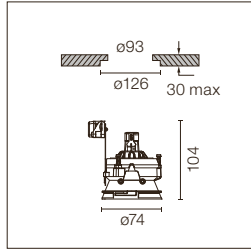
Luminous flux luminaire
703 lm (EXTREME CUT OFF)

Beam Angle: 52°

h(m)	E(lx)	D(m)
1	1029	0.97
2	257	1.94
3	114	2.92
4	64	3.89
5	41	4.86

Kap Ø80 Fixed

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - max 8W



	GWT 850°	
	0,12 Kg	
	IP 23	

Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

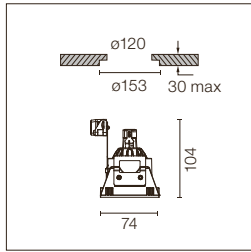
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4228.B1
- 03.4228.GL
- 03.4228.BU
- 03.4228.74
- 03.4228.CU

Kap 80 Square Fixed

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - max 8W



	GWT 850°	
	0,12 Kg	
	IP 23	

Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

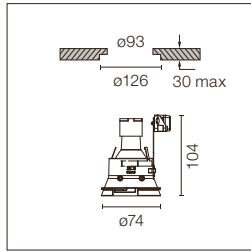
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4226.B1
- 03.4226.GL
- 03.4226.BU
- 03.4226.74
- 03.4226.CU

Kap Ø80 Fixed

Light Source: PAR 16 GZ10 - max 50W or LED PAR 16 GZ10 - max 8W



	GWT 850°	
	0,12 Kg	
	IP 23	

Appareil d'éclairage encastré à tension de réseau.

Recessed luminaire with main voltage source.

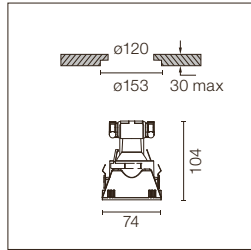
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4229.B1
- 03.4229.GL
- 03.4229.BU
- 03.4229.74
- 03.4229.CU

Kap 80 Square Fixed

Light Source: PAR 16 GZ10 - max 50W or LED PAR 16 GZ10 - max 8W



	GWT 850°	
	0,12 Kg	
	IP 23	

Appareil d'éclairage encastré à tension de réseau.

Recessed luminaire with main voltage source.

Cadre de montage **Fast&Perfect**. À commander séparément.

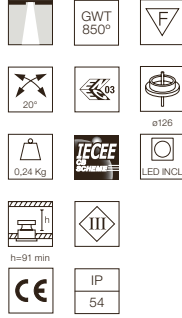
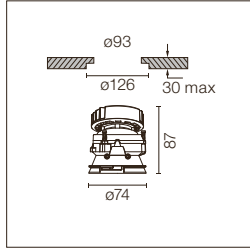
Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4227.B1
- 03.4227.GL
- 03.4227.BU
- 03.4227.74
- 03.4227.CU

KAP

Kap Ø80 Adjustable - Optic Spot

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

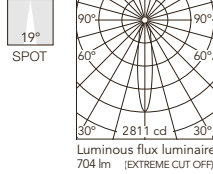
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

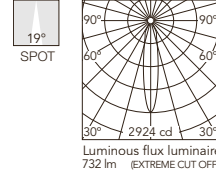
2700K
03.4539.B1



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2811	0.33
2	703	0.66
3	312	0.99
4	176	1.33
5	112	1.66

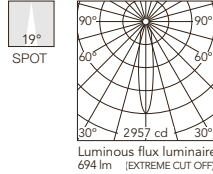
3000K
03.4538.B1



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2924	0.33
2	731	0.66
3	325	0.99
4	183	1.33
5	117	1.66

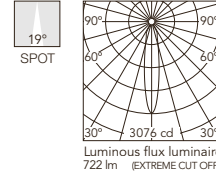
03.4539.GL



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2957	0.33
2	739	0.66
3	329	0.99
4	185	1.32
5	118	1.65

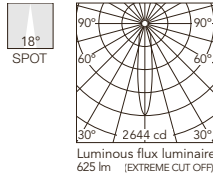
03.4538.GL



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	3076	0.33
2	769	0.66
3	342	0.99
4	192	1.32
5	123	1.65

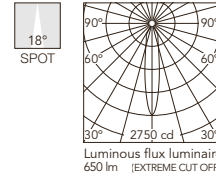
03.4539.BU



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2644	0.32
2	661	0.65
3	294	0.97
4	165	1.30
5	106	1.62

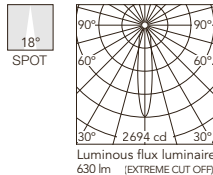
03.4538.BU



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2750	0.32
2	688	0.65
3	306	0.97
4	172	1.30
5	110	1.62

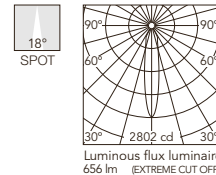
03.4539.74



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2694	0.32
2	673	0.65
3	299	0.97
4	168	1.30
5	108	1.62

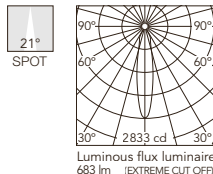
03.4538.74



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2802	0.32
2	701	0.65
3	311	0.97
4	175	1.30
5	112	1.62

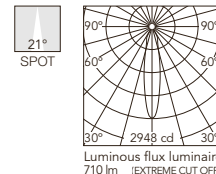
03.4539.CU



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	2833	0.36
2	708	0.72
3	315	1.09
4	177	1.45
5	113	1.81

03.4538.CU

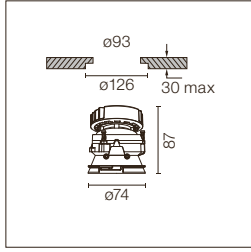


Beam Angle: 21°

h(m)	E(lx)	D(m)
1	2948	0.36
2	737	0.72
3	328	1.09
4	184	1.45
5	118	1.81

Kap Ø80 Adjustable - Optic Spot - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

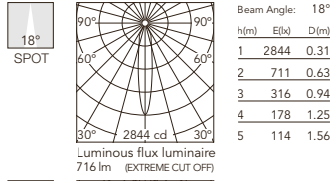
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

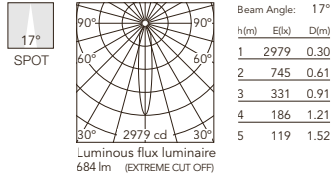
Diffuseur inclus.

Diffusing lens included.

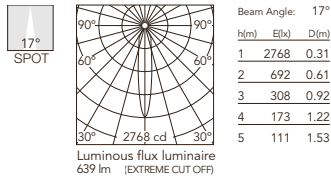
2850K-1800K
 03.4538.B1.LE



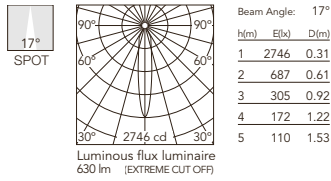
03.4538.GL.LE



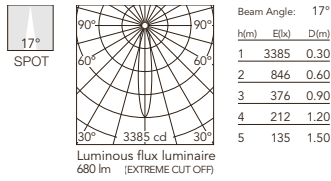
03.4538.BU.LE



03.4538.74.LE



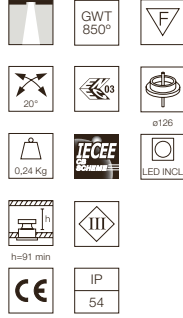
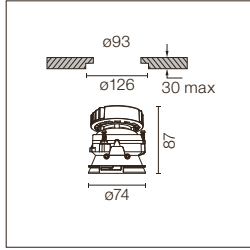
03.4538.CU.LE



K A P

Kap Ø80 Adjustable - Optic Medium

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**.
À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

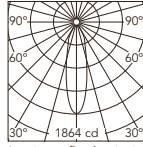
Alimentations recommandées :

Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:

60.8880
60.8533
60.8847
60.8534

2700K
□ 03.4185.B1

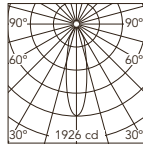


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1864	0.47
2	466	0.93
3	207	1.40
4	116	1.87
5	75	2.33

Luminous flux luminaire
664 lm (EXTREME CUT OFF)

■ 03.4185.GL

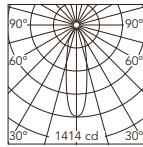


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1926	0.46
2	481	0.93
3	214	1.39
4	120	1.85
5	77	2.32

Luminous flux luminaire
623 lm (EXTREME CUT OFF)

■ 03.4185.BU

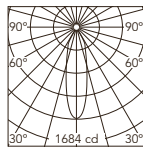


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1414	0.47
2	353	0.94
3	157	1.40
4	88	1.87
5	57	2.34

Luminous flux luminaire
476 lm (EXTREME CUT OFF)

■ 03.4185.74

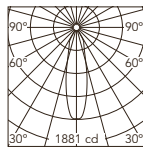


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1684	0.47
2	421	0.95
3	187	1.42
4	105	1.89
5	67	2.37

Luminous flux luminaire
562 lm (EXTREME CUT OFF)

■ 03.4185.CU

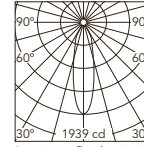


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1881	0.47
2	470	0.93
3	209	1.40
4	118	1.86
5	75	2.33

Luminous flux luminaire
589 lm (EXTREME CUT OFF)

3000K
□ 03.4184.B1

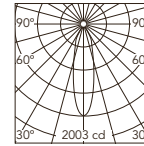


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1939	0.47
2	485	0.93
3	215	1.40
4	121	1.87
5	78	2.33

Luminous flux luminaire
691 lm (EXTREME CUT OFF)

■ 03.4184.GL

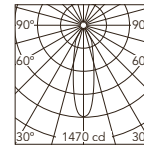


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	2003	0.46
2	501	0.93
3	223	1.39
4	125	1.85
5	80	2.32

Luminous flux luminaire
648 lm (EXTREME CUT OFF)

■ 03.4184.BU

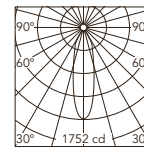


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1470	0.47
2	368	0.94
3	163	1.40
4	92	1.87
5	59	2.34

Luminous flux luminaire
495 lm (EXTREME CUT OFF)

■ 03.4184.74

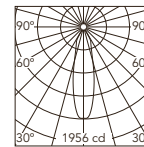


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1752	0.47
2	438	0.95
3	195	1.42
4	109	1.89
5	70	2.37

Luminous flux luminaire
585 lm (EXTREME CUT OFF)

■ 03.4184.CU



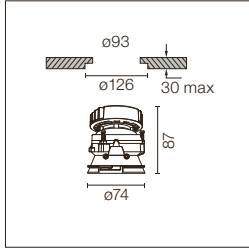
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1956	0.47
2	489	0.93
3	217	1.40
4	122	1.86
5	78	2.33

Luminous flux luminaire
613 lm (EXTREME CUT OFF)

Kap Ø80 Adjustable - Optic Medium - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

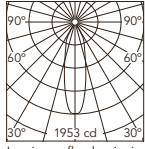
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4184.B1.LE

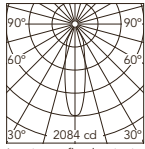


Beam Angle: 27°

h(m)	Ef(x)	D(m)
1	1953	0.48
2	488	0.97
3	217	1.45
4	122	1.94
5	78	2.42

Luminous flux lumineaire 722 lm (EXTREME CUT OFF)

03.4184.GL.LE

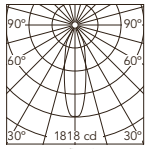


Beam Angle: 26°

h(m)	Ef(x)	D(m)
1	2084	0.46
2	521	0.92
3	232	1.38
4	130	1.85
5	83	2.31

Luminous flux lumineaire 695 lm (EXTREME CUT OFF)

03.4184.BU.LE

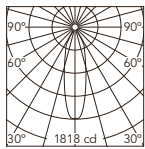


Beam Angle: 28°

h(m)	Ef(x)	D(m)
1	1818	0.49
2	454	0.98
3	202	1.47
4	114	1.96
5	73	2.45

Luminous flux lumineaire 630 lm (EXTREME CUT OFF)

03.4184.74.LE

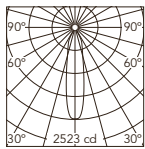


Beam Angle: 28°

h(m)	Ef(x)	D(m)
1	1818	0.49
2	455	0.99
3	202	1.48
4	114	1.97
5	73	2.46

Luminous flux lumineaire 631 lm (EXTREME CUT OFF)

03.4184.CU.LE



Beam Angle: 22°

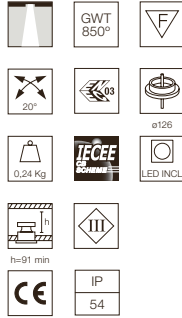
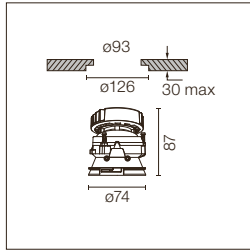
h(m)	Ef(x)	D(m)
1	2523	0.39
2	631	0.78
3	280	1.17
4	158	1.56
5	101	1.95

Luminous flux lumineaire 683 lm (EXTREME CUT OFF)

KAP

Kap Ø80 Adjustable - Optic Flood

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source.
Power supply not included.

Cadre de montage **Fast&Perfect**.
À commander séparément.

Fast&Perfect pre-installation frame.
To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

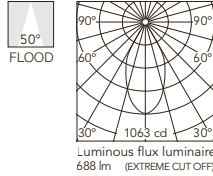
Alimentations recommandées :

Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:

60.8880
60.8533
60.8847
60.8534

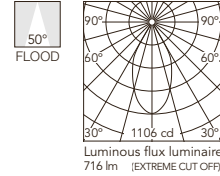
2700K
□ 03.4541.B1



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1063	0.94
2	266	1.89
3	118	2.83
4	66	3.77
5	43	4.71

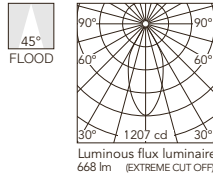
3000K
□ 03.4540.B1



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1106	0.94
2	276	1.89
3	123	2.83
4	69	3.77
5	44	4.71

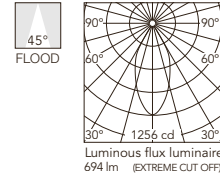
■ 03.4541.GL



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1207	0.83
2	302	1.67
3	134	2.50
4	75	3.34
5	48	4.17

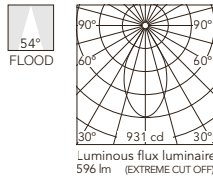
■ 03.4540.GL



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1256	0.83
2	314	1.67
3	140	2.50
4	78	3.34
5	50	4.17

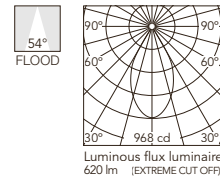
■ 03.4541.BU



Beam Angle: 54°

h(m)	E(lx)	D(m)
1	931	1.01
2	233	2.03
3	103	3.04
4	58	4.05
5	37	5.07

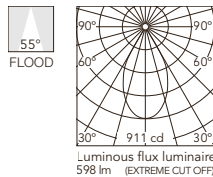
■ 03.4540.BU



Beam Angle: 54°

h(m)	E(lx)	D(m)
1	968	1.01
2	242	2.03
3	108	3.04
4	61	4.05
5	39	5.07

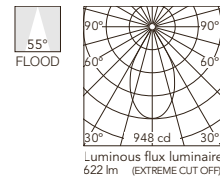
■ 03.4541.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	911	1.04
2	228	2.08
3	101	3.12
4	57	4.16
5	36	5.20

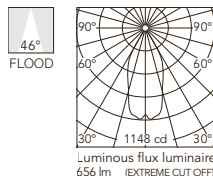
■ 03.4540.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	948	1.04
2	237	2.08
3	105	3.12
4	59	4.16
5	38	5.20

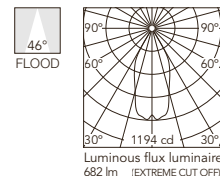
■ 03.4541.CU



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1148	0.85
2	287	1.70
3	128	2.55
4	72	3.40
5	46	4.26

■ 03.4540.CU

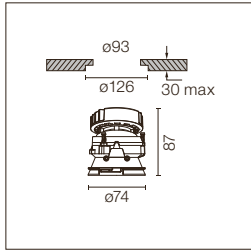


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1194	0.85
2	298	1.70
3	133	2.55
4	75	3.40
5	48	4.26

Kap Ø80 Adjustable - Optic Flood - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



h=91 mm

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

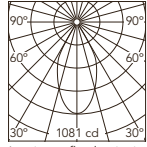
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
03.4540.B1.LE

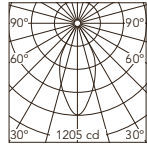


Beam Angle: 51°

h(m)	E(lx)	D(m)
1	1081	0.94
2	270	1.89
3	120	2.83
4	68	3.78
5	43	4.72

Luminous flux luminaire 707 lm (EXTREME CUT OFF)

03.4540.GL.LE

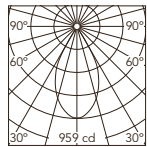


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1205	0.85
2	301	1.71
3	134	2.56
4	75	3.41
5	48	4.26

Luminous flux luminaire 677 lm (EXTREME CUT OFF)

03.4540.BU.LE

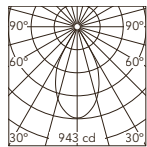


Beam Angle: 54°

h(m)	E(lx)	D(m)
1	959	1.01
2	240	2.02
3	107	3.03
4	60	4.04
5	38	5.05

Luminous flux luminaire 619 lm (EXTREME CUT OFF)

03.4540.74.LE

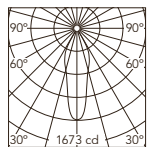


Beam Angle: 54°

h(m)	E(lx)	D(m)
1	943	1.01
2	236	2.03
3	105	3.04
4	59	4.06
5	38	5.07

Luminous flux luminaire 608 lm (EXTREME CUT OFF)

03.4540.CU.LE



Beam Angle: 27°

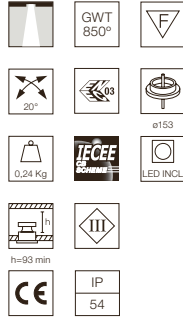
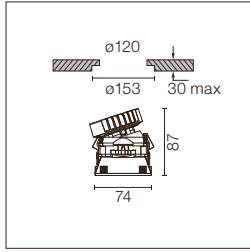
h(m)	E(lx)	D(m)
1	1673	0.49
2	418	0.97
3	186	1.46
4	105	1.94
5	67	2.43

Luminous flux luminaire 663 lm (EXTREME CUT OFF)

K A P

Kap 80 Square Adjustable - Optic Spot

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

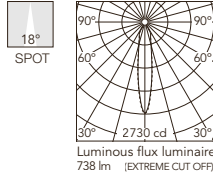
Alimentations recommandées :

Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:

60.8880
60.8533
60.8847
60.8534

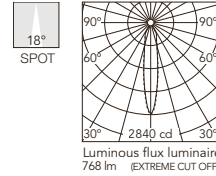
2700K
03.4543.B1



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2730	0.31
2	682	0.62
3	303	0.93
4	171	1.24
5	109	1.55

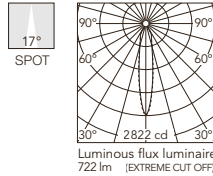
3000K
03.4542.B1



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2840	0.31
2	710	0.62
3	316	0.93
4	177	1.24
5	114	1.55

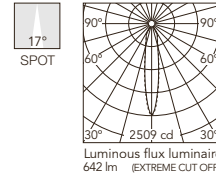
03.4543.GL



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2822	0.31
2	706	0.62
3	314	0.92
4	176	1.23
5	113	1.54

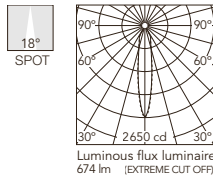
03.4542.GL



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2509	0.31
2	627	0.62
3	279	0.92
4	157	1.23
5	100	1.54

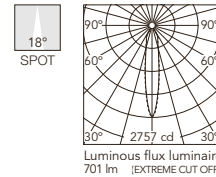
03.4543.BU



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2650	0.31
2	662	0.62
3	294	0.93
4	166	1.24
5	106	1.55

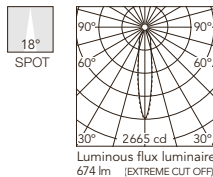
03.4542.BU



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2757	0.31
2	689	0.62
3	306	0.93
4	172	1.24
5	110	1.55

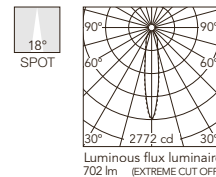
03.4543.74



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2665	0.31
2	666	0.62
3	296	0.93
4	167	1.24
5	107	1.54

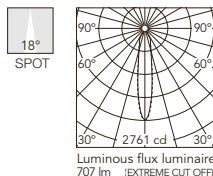
03.4542.74



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2772	0.31
2	693	0.62
3	308	0.93
4	173	1.24
5	111	1.54

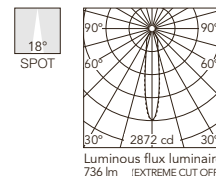
03.4543.CU



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2761	0.32
2	690	0.63
3	307	0.95
4	173	1.26
5	110	1.58

03.4542.CU

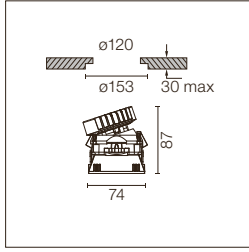


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2872	0.32
2	718	0.63
3	319	0.95
4	179	1.26
5	115	1.58

Kap 80 Square Adjustable - Optic Spot - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



20°
 GWGT 850°
 0,24 Kg
 LED INCL
 IP 54
 h=83 mm

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise.

Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

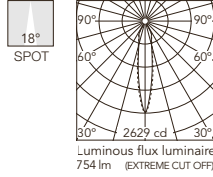
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

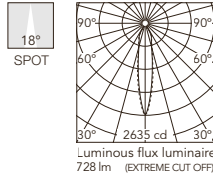
2850K-1800K
 03.4542.B1.LE



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2629	0.31
2	657	0.63
3	292	0.94
4	164	1.26
5	105	1.57

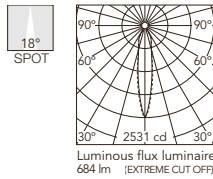
03.4542.GL.LE



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2635	0.32
2	659	0.63
3	293	0.95
4	165	1.26
5	105	1.58

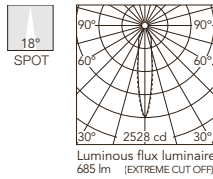
03.4542.BU.LE



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2531	0.31
2	633	0.63
3	281	0.94
4	158	1.26
5	101	1.57

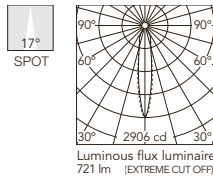
03.4542.74.LE



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2528	0.31
2	632	0.63
3	281	0.94
4	158	1.25
5	101	1.57

03.4542.CU.LE



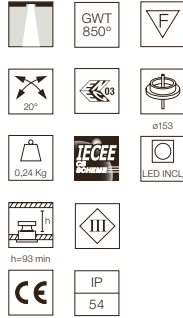
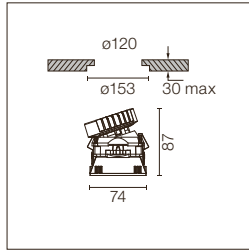
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2906	0.30
2	726	0.59
3	323	0.89
4	182	1.18
5	116	1.48

K A P

Kap 80 Square Adjustable - Optic Medium

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**.
À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

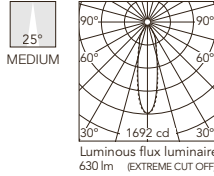
Alimentations recommandées :

Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:

60.8880
60.8533
60.8847
60.8534

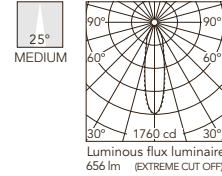
2700K
03.4187.B1



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1692	0.44
2	423	0.88
3	188	1.32
4	106	1.76
5	68	2.20

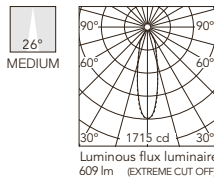
3000K
03.4186.B1



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1760	0.44
2	440	0.88
3	196	1.32
4	110	1.76
5	70	2.20

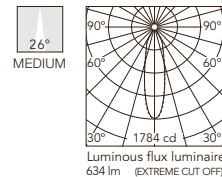
03.4187.GL



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1715	0.46
2	429	0.91
3	191	1.37
4	107	1.83
5	69	2.28

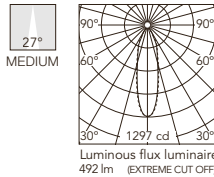
03.4186.GL



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1784	0.46
2	446	0.91
3	198	1.37
4	112	1.83
5	71	2.28

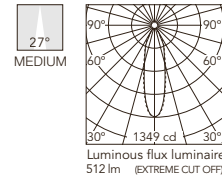
03.4187.BU



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1297	0.47
2	324	0.94
3	144	1.41
4	81	1.88
5	52	2.36

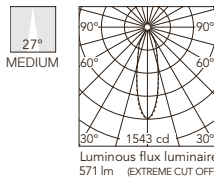
03.4186.BU



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1349	0.47
2	337	0.94
3	150	1.41
4	84	1.88
5	54	2.36

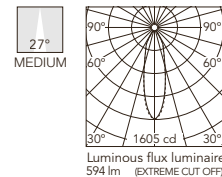
03.4187.74



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1543	0.49
2	386	0.97
3	171	1.46
4	96	1.94
5	62	2.43

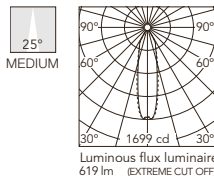
03.4186.74



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1605	0.49
2	401	0.97
3	178	1.46
4	100	1.94
5	64	2.43

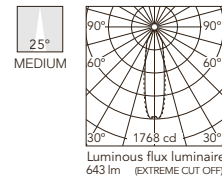
03.4187.CU



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1699	0.44
2	425	0.87
3	189	1.31
4	106	1.75
5	68	2.18

03.4186.CU

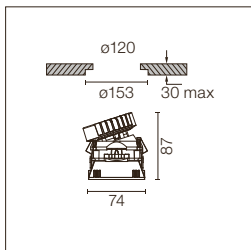


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1768	0.44
2	442	0.87
3	196	1.31
4	110	1.75
5	71	2.18

Kap 80 Square Adjustable - Optic Medium - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

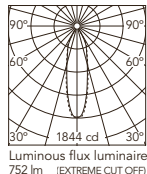
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

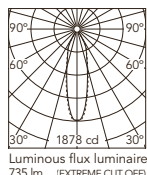
2850K-1800K
03.4186.B1.LE



Beam Angle: 26°

h(m)	Ef(x)	D(m)
1	1844	0.47
2	461	0.94
3	205	1.41
4	115	1.88
5	74	2.35

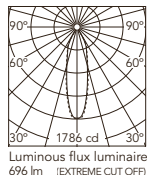
03.4186.GL.LE



Beam Angle: 27°

h(m)	Ef(x)	D(m)
1	1878	0.47
2	470	0.95
3	209	1.42
4	117	1.89
5	75	2.37

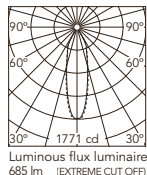
03.4186.BU.LE



Beam Angle: 27°

h(m)	Ef(x)	D(m)
1	1786	0.47
2	447	0.95
3	198	1.42
4	112	1.89
5	71	2.37

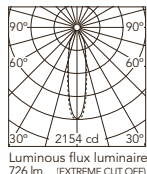
03.4186.74.LE



Beam Angle: 27°

h(m)	Ef(x)	D(m)
1	1771	0.48
2	443	0.96
3	197	1.44
4	111	1.93
5	71	2.41

03.4186.CU.LE

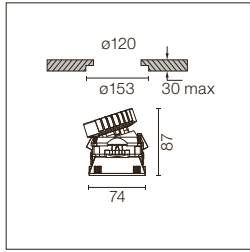


Beam Angle: 22°

h(m)	Ef(x)	D(m)
1	2154	0.40
2	538	0.79
3	239	1.19
4	135	1.59
5	86	1.98

Kap 80 Square Adjustable - Optic Flood

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



- GWTR 850°
- Cadre de montage **Fast&Perfect**. À commander séparément.
- Diffuseur inclus.
- IP 54
- CE
- LED INCL
- 0,24 Kg
- h=93 min
- III

Appareil d'éclairage encastré à LED. Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

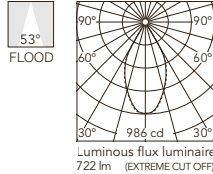
Alimentations recommandées :

- Non Dimmable
- Dimmable 1-10V
- Dimmable Dali
- Mains Dimming

Recommended power supply:

- 60.8880
- 60.8533
- 60.8847
- 60.8534

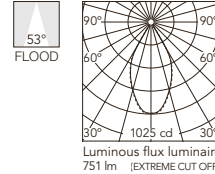
2700K
□ 03.4545.B1



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	986	0.99
2	246	1.98
3	110	2.98
4	62	3.97
5	39	4.96

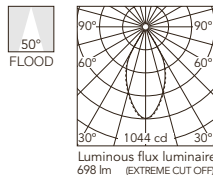
3000K
□ 03.4544.B1



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	1025	0.99
2	256	1.98
3	114	2.98
4	64	3.97
5	41	4.96

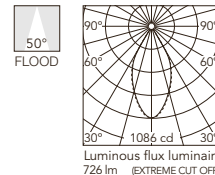
■ 03.4545.GL



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1044	0.93
2	261	1.86
3	116	2.79
4	65	3.72
5	42	4.65

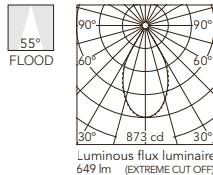
■ 03.4544.GL



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1086	0.93
2	272	1.86
3	121	2.79
4	68	3.72
5	43	4.65

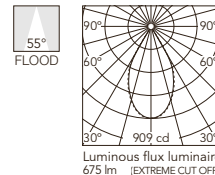
■ 03.4545.BU



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	873	1.05
2	218	2.09
3	97	3.14
4	55	4.19
5	35	5.23

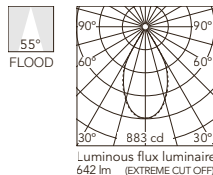
■ 03.4544.BU



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	909	1.05
2	227	2.09
3	101	3.14
4	57	4.19
5	36	5.23

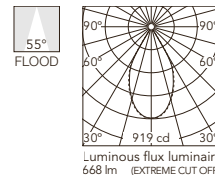
■ 03.4545.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	883	1.04
2	221	2.08
3	98	3.11
4	55	4.15
5	35	5.19

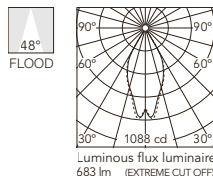
■ 03.4544.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	919	1.04
2	230	2.08
3	102	3.11
4	57	4.15
5	37	5.19

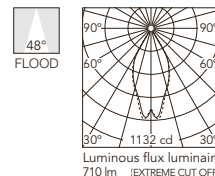
■ 03.4545.CU



Beam Angle: 48°

h(m)	E(lx)	D(m)
1	1088	0.88
2	272	1.77
3	121	2.65
4	68	3.53
5	44	4.42

■ 03.4544.CU

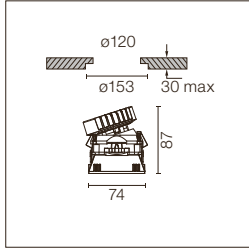


Beam Angle: 48°

h(m)	E(lx)	D(m)
1	1132	0.88
2	283	1.77
3	126	2.65
4	71	3.53
5	45	4.42

Kap 80 Square Adjustable - Optic Flood - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

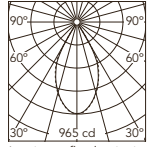
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
03.4544.B1.LE

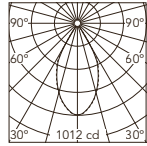


Luminous flux lumineaire 732 lm (EXTREME CUT OFF)

Beam Angle: 53°

h(m)	E(lx)	D(m)
1	965	1.01
2	241	2.01
3	107	3.02
4	60	4.03
5	39	5.03

03.4544.GL.LE

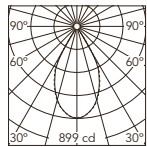


Luminous flux lumineaire 720 lm (EXTREME CUT OFF)

Beam Angle: 53°

h(m)	E(lx)	D(m)
1	1012	0.99
2	253	1.98
3	112	2.97
4	63	3.96
5	40	4.95

03.4544.BU.LE

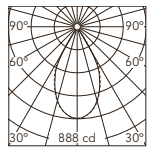


Luminous flux lumineaire 669 lm (EXTREME CUT OFF)

Beam Angle: 55°

h(m)	E(lx)	D(m)
1	899	1.04
2	225	2.08
3	100	3.12
4	56	4.16
5	36	5.21

03.4544.74.LE

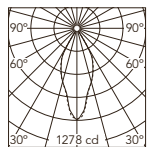


Luminous flux lumineaire 660 lm (EXTREME CUT OFF)

Beam Angle: 55°

h(m)	E(lx)	D(m)
1	888	1.04
2	222	2.07
3	99	3.11
4	55	4.15
5	36	5.18

03.4544.CU.LE



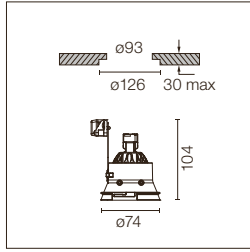
Luminous flux lumineaire 707 lm (EXTREME CUT OFF)

Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1278	0.75
2	319	1.50
3	142	2.25
4	80	3.00
5	51	3.75

Kap Ø80 Adjustable

Light Source: LED QR-CBC 51 GX5.3 - max 8W



	GWT 850°	
	IP 23	

h=120 min

Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

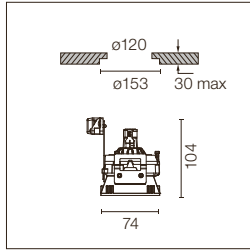
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4236.B1
- 03.4236.GL
- 03.4236.BU
- 03.4236.74
- 03.4236.CU

Kap 80 Square Adjustable

Light Source: LED QR-CBC 51 GX5.3 - max 8W



	GWT 850°	
	IP 23	

h=120 min

Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

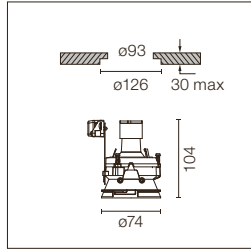
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4234.B1
- 03.4234.GL
- 03.4234.BU
- 03.4234.74
- 03.4234.CU

Kap Ø80 Adjustable

Light Source: LED PAR 16 GZ10 - max 8W



h=155 min

Appareil d'éclairage encastré à tension de réseau.

Recessed luminaire with main voltage source.

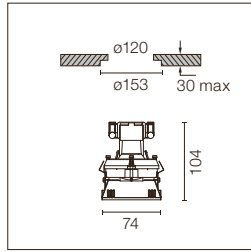
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4237.B1
- 03.4237.GL
- 03.4237.BU
- 03.4237.74
- 03.4237.CU

Kap 80 Square Adjustable

Light Source: LED PAR 16 GZ10 - max 8W



h=155 min

Appareil d'éclairage encastré à tension de réseau.

Recessed luminaire with main voltage source.

Cadre de montage **Fast&Perfect**. À commander séparément.

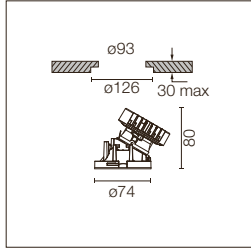
Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4235.B1
- 03.4235.GL
- 03.4235.BU
- 03.4235.74
- 03.4235.CU

K A P

Kap Ø80 Wall-Washer

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Cadre de montage **Fast&Perfect**.
À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

Lentille elliptique incluse.

Elliptical lens included.

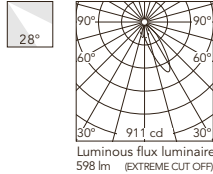
Alimentations recommandées :

Recommended power supply:

Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

60.8880
60.8533
60.8847
60.8534

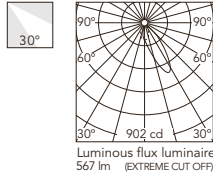
2700K
□ 03.4189.B1



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	911	0.62
2	228	1.24
3	101	1.87
4	57	2.49
5	36	3.11

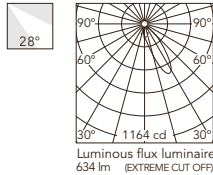
■ 03.4189.GL



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	902	0.67
2	226	1.33
3	100	2.00
4	56	2.67
5	36	3.33

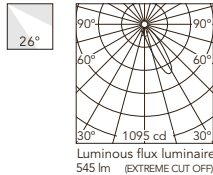
■ 03.4189.BU



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1164	0.64
2	291	1.28
3	129	1.91
4	73	2.55
5	47	3.19

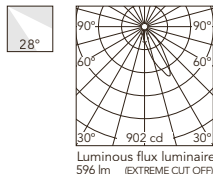
■ 03.4189.74



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1095	0.59
2	274	1.19
3	122	1.78
4	68	2.37
5	44	2.97

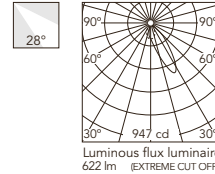
■ 03.4189.CU



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	902	0.64
2	226	1.27
3	100	1.91
4	56	2.55
5	36	3.19

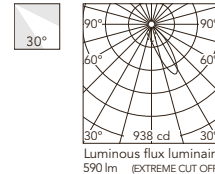
3000K
□ 03.4188.B1



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	947	0.62
2	237	1.24
3	105	1.87
4	59	2.49
5	38	3.11

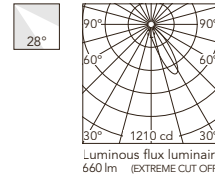
■ 03.4188.GL



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	938	0.67
2	235	1.33
3	104	2.00
4	59	2.67
5	38	3.33

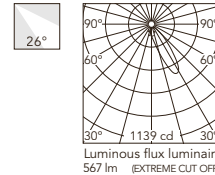
■ 03.4188.BU



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1210	0.64
2	303	1.28
3	134	1.91
4	76	2.55
5	48	3.19

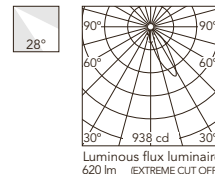
■ 03.4188.74



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1139	0.59
2	285	1.19
3	127	1.78
4	71	2.37
5	46	2.97

■ 03.4188.CU

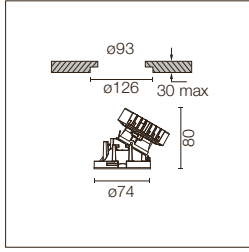


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	938	0.64
2	235	1.27
3	104	1.91
4	59	2.55
5	38	3.19

Kap Ø80 Wall-Washer - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

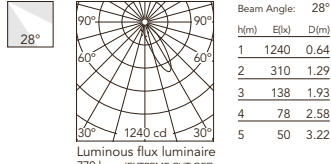
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

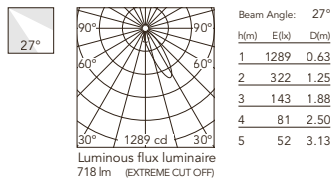
Diffuseur inclus.

Diffusing lens included.

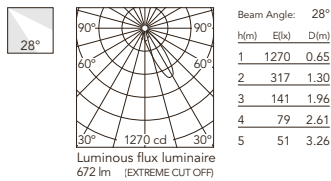
2850K-1800K
 03.4188.B1.LE



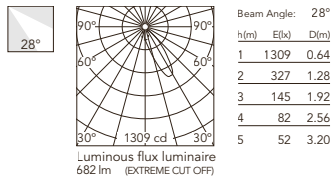
03.4188.GL.LE



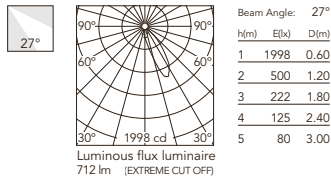
03.4188.BU.LE



03.4188.74.LE

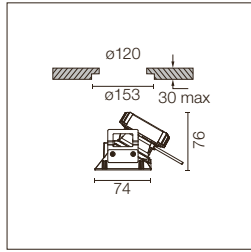


03.4188.CU.LE



Kap 80 Square Wall-Washer

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



	IP 54
	GWT 850°
	0,24 Kg
	h=81 min
	CE
	III
	IP 54
	F
	e153
	LED INCL

Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Cadre de montage **Fast&Perfect**.
À commander séparément.

Lentille elliptique incluse.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

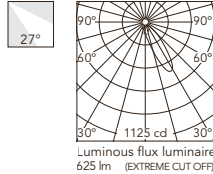
Recessed luminaire with LED light source. Power supply not included.

Fast&Perfect pre-installation frame. To be ordered separately.

Elliptical lens included.

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

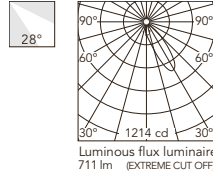
2700K
03.4191.B1



Beam Angle: 27°	h(m)	E(lx)	D(m)
1	1125	0.62	
2	281	1.24	
3	125	1.85	
4	70	2.47	
5	45	3.09	

Luminous flux luminaire
625 lm (EXTREME CUT OFF)

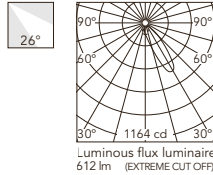
03.4191.GL



Beam Angle: 28°	h(m)	E(lx)	D(m)
1	1214	0.68	
2	304	1.36	
3	135	2.04	
4	76	2.72	
5	49	3.40	

Luminous flux luminaire
711 lm (EXTREME CUT OFF)

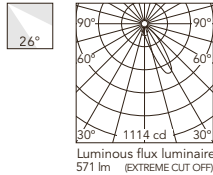
03.4191.BU



Beam Angle: 26°	h(m)	E(lx)	D(m)
1	1164	0.63	
2	291	1.25	
3	129	1.88	
4	73	2.51	
5	47	3.14	

Luminous flux luminaire
612 lm (EXTREME CUT OFF)

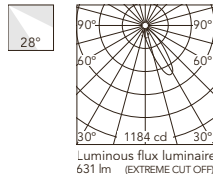
03.4191.74



Beam Angle: 26°	h(m)	E(lx)	D(m)
1	1114	0.59	
2	279	1.19	
3	124	1.78	
4	70	2.37	
5	45	2.97	

Luminous flux luminaire
571 lm (EXTREME CUT OFF)

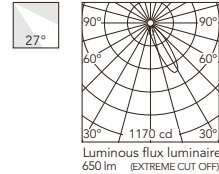
03.4191.CU



Beam Angle: 28°	h(m)	E(lx)	D(m)
1	1184	0.64	
2	296	1.29	
3	132	1.93	
4	74	2.57	
5	47	3.21	

Luminous flux luminaire
631 lm (EXTREME CUT OFF)

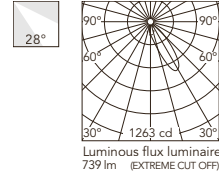
3000K
03.4190.B1



Beam Angle: 27°	h(m)	E(lx)	D(m)
1	1170	0.62	
2	292	1.24	
3	130	1.85	
4	73	2.47	
5	47	3.09	

Luminous flux luminaire
650 lm (EXTREME CUT OFF)

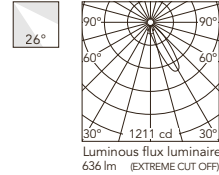
03.4190.GL



Beam Angle: 28°	h(m)	E(lx)	D(m)
1	1263	0.68	
2	316	1.36	
3	140	2.04	
4	79	2.72	
5	51	3.40	

Luminous flux luminaire
739 lm (EXTREME CUT OFF)

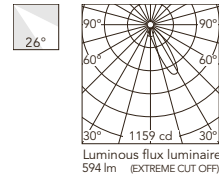
03.4190.BU



Beam Angle: 26°	h(m)	E(lx)	D(m)
1	1211	0.63	
2	303	1.25	
3	135	1.88	
4	76	2.51	
5	48	3.14	

Luminous flux luminaire
636 lm (EXTREME CUT OFF)

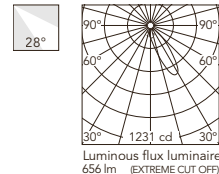
03.4190.74



Beam Angle: 26°	h(m)	E(lx)	D(m)
1	1159	0.59	
2	290	1.19	
3	129	1.78	
4	72	2.37	
5	46	2.97	

Luminous flux luminaire
594 lm (EXTREME CUT OFF)

03.4190.CU

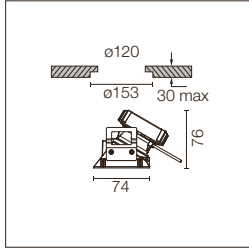


Beam Angle: 28°	h(m)	E(lx)	D(m)
1	1231	0.64	
2	308	1.29	
3	137	1.93	
4	77	2.57	
5	49	3.21	

Luminous flux luminaire
656 lm (EXTREME CUT OFF)

Kap 80 Square Wall-Washer- Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

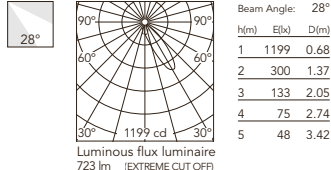
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

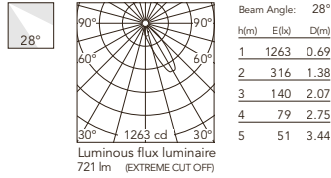
Diffuseur inclus.

Diffusing lens included.

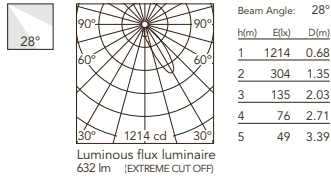
2850K-1800K
 03.4190.B1.LE



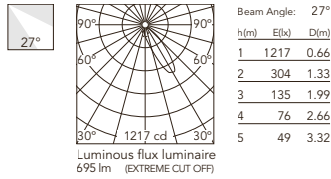
03.4190.GL.LE



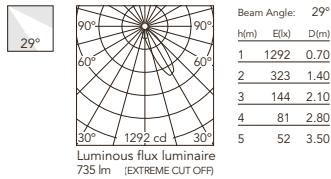
03.4190.BU.LE



03.4190.74.LE

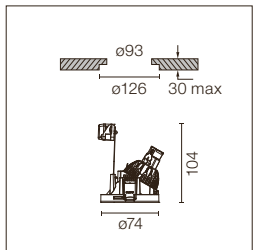


03.4190.CU.LE



Kap Ø80 Wall-Washer

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - max 8W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

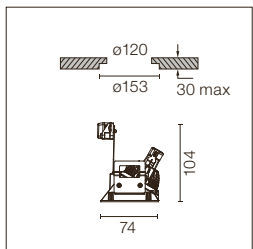
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4244.B1
- 03.4244.GL
- 03.4244.BU
- 03.4244.74
- 03.4244.CU

Kap 80 Square Wall-Washer

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - max 8W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

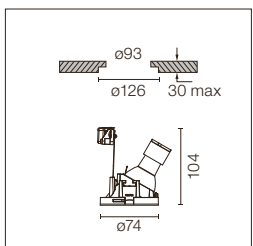
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4242.B1
- 03.4242.GL
- 03.4242.BU
- 03.4242.74
- 03.4242.CU

Kap Ø80 Wall-Washer

Light Source: PAR 16 GZ10 - max 50W or LED PAR 16 GZ10 - max 8W



Appareil d'éclairage encastré à tension de réseau.

Recessed luminaire with main voltage source.

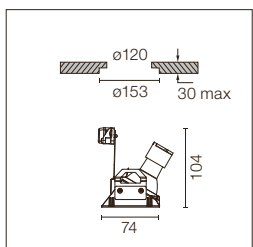
Cadre de montage **Fast&Perfect**. À commander séparément.

Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4245.B1
- 03.4245.GL
- 03.4245.BU
- 03.4245.74
- 03.4245.CU

Kap 80 Square Wall-Washer

Light Source: PAR 16 GZ10 - max 50W - or - LED PAR 16 GZ10 - max 8W



Appareil d'éclairage encastré à tension de réseau.

Recessed luminaire with main voltage source.

Cadre de montage **Fast&Perfect**. À commander séparément.

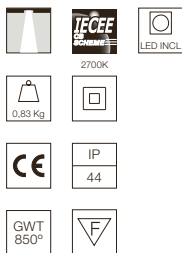
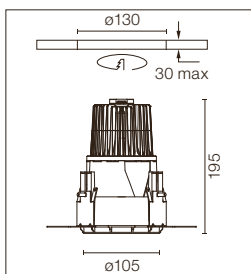
Fast&Perfect pre-installation frame. To be ordered separately.

- 03.4243.B1
- 03.4243.GL
- 03.4243.BU
- 03.4243.74
- 03.4243.CU

KAP

Kap Ø105

Light Source: Phosphor LED 15,6W - 1300 lm - 2700K/CRI 98 / 15,6W - 1300 lm - 3000K/CRI 98



Appareil d'éclairage encastré à LED. Transformateur électronique 220/240V à distance inclus.

Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.

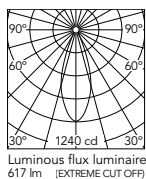
Cadre de montage conventionnel et/ou **Fast&Perfect**. À commander séparément.

Conventional pre-installation frame and/or **Fast&Perfect**. To be ordered separately.

2700K

Non Dimmable

- 03.4494.B1B Dali Version
- 03.4494.B1BDA 1-10V
- 03.4494.B1B1V



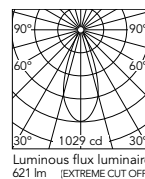
Beam Angle: 37°

h(m)	Ef(k)	D(m)
1	1240	0.66
2	310	1.32
3	138	1.98
4	78	2.64
5	50	3.30

3000K

Non Dimmable

- 03.4407.B1C Dali Version
- 03.4407.B1CDA 1-10V
- 03.4407.B1C1V

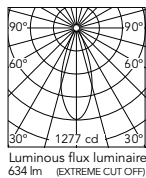


Beam Angle: 40°

h(m)	Ef(k)	D(m)
1	1029	0.73
2	257	1.47
3	114	2.20
4	64	2.93
5	41	3.67

Non Dimmable

- 03.4494.GLB Dali Version
- 03.4494.GLBDA 1-10V
- 03.4494.GLB1V

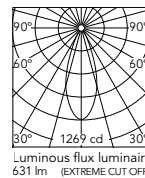


Beam Angle: 38°

h(m)	Ef(k)	D(m)
1	1277	0.69
2	319	1.37
3	142	2.06
4	80	2.74
5	51	3.43

Non Dimmable

- 03.4407.GLC Dali Version
- 03.4407.GLCDA 1-10V
- 03.4407.GLC1V

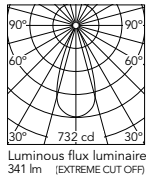


Beam Angle: 38°

h(m)	Ef(k)	D(m)
1	1269	0.69
2	317	1.37
3	141	2.06
4	79	2.74
5	51	3.43

Non Dimmable

- 03.4494.BUB Dali Version
- 03.4494.BUBDA 1-10V
- 03.4494.BUB1V

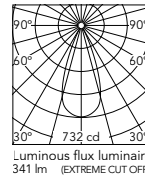


Beam Angle: 41°

h(m)	Ef(k)	D(m)
1	732	0.75
2	183	1.51
3	81	2.26
4	46	3.02
5	29	3.77

Non Dimmable

- 03.4407.BUC Dali Version
- 03.4407.BUCDA 1-10V
- 03.4407.BUC1V

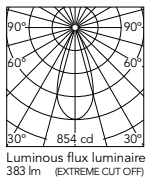


Beam Angle: 41°

h(m)	Ef(k)	D(m)
1	732	0.75
2	183	1.51
3	81	2.26
4	46	3.02
5	29	3.77

Non Dimmable

- 03.4494.74B Dali Version
- 03.4494.74BDA 1-10V
- 03.4494.74B1V

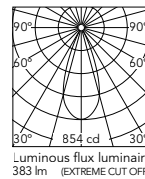


Beam Angle: 40°

h(m)	Ef(k)	D(m)
1	854	0.73
2	214	1.47
3	95	2.20
4	53	2.94
5	34	3.67

Non Dimmable

- 03.4407.74C Dali Version
- 03.4407.74CDA 1-10V
- 03.4407.74C1V

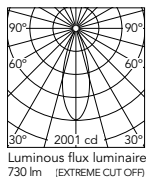


Beam Angle: 40°

h(m)	Ef(k)	D(m)
1	854	0.73
2	214	1.47
3	95	2.20
4	53	2.94
5	34	3.67

Non Dimmable

- 03.4494.CUB Dali Version
- 03.4494.CUBDA 1-10V
- 03.4494.CUB1V

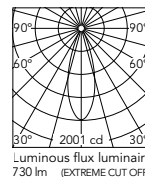


Beam Angle: 33°

h(m)	Ef(k)	D(m)
1	2001	0.60
2	500	1.20
3	222	1.80
4	125	2.40
5	80	2.99

Non Dimmable

- 03.4407.CUC Dali Version
- 03.4407.CUCDA 1-10V
- 03.4407.CUC1V

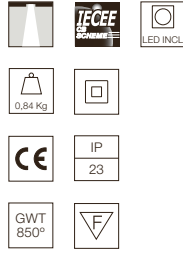
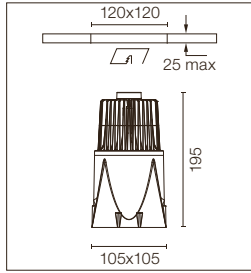


Beam Angle: 33°

h(m)	Ef(k)	D(m)
1	2001	0.60
2	500	1.20
3	222	1.80
4	125	2.40
5	80	2.99

Kap 105 Square

Light Source: Phosphor LED 17W - 1400 lm - 2700K/CRI 98 / 17W - 1400 lm - 3000K/CRI 98



Appareil d'éclairage encastré à LED. Transformateur électronique 220/240V à distance inclus.

Cadre de pré-montage. À commander séparément.

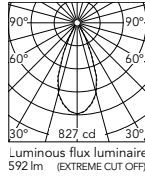
Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.

Pre-installation frame. To be ordered separately.

2700K

Non Dimmable

- 03.4595.B1C
- Dali Version
- 03.4595.B1CDA
- 1-10V
- 03.4595.B1C1V



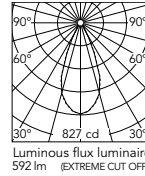
Beam Angle: 45°

h(m)	E(lx)	D(m)
1	827	0.82
2	207	1.64
3	92	2.46
4	52	3.28
5	33	4.11

3000K

Non Dimmable

- 03.4570.B1C
- Dali Version
- 03.4570.B1CDA
- 1-10V
- 03.4570.B1C1V

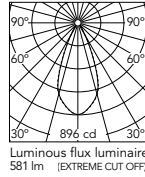


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	827	0.82
2	207	1.64
3	92	2.46
4	52	3.28
5	33	4.11

Non Dimmable

- 03.4595.GLC
- Dali Version
- 03.4595.GLCDA
- 1-10V
- 03.4595.GLC1V

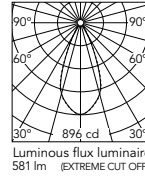


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	896	0.82
2	224	1.64
3	100	2.47
4	56	3.29
5	36	4.11

Non Dimmable

- 03.4570.GLC
- Dali Version
- 03.4570.GLCDA
- 1-10V
- 03.4570.GLC1V

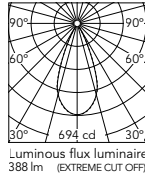


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	896	0.82
2	224	1.64
3	100	2.47
4	56	3.29
5	36	4.11

Non Dimmable

- 03.4595.BUC
- Dali Version
- 03.4595.BUCDA
- 1-10V
- 03.4595.BUC1V

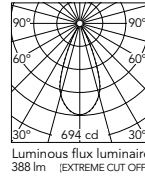


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	694	0.80
2	174	1.61
3	77	2.41
4	43	3.21
5	28	4.02

Non Dimmable

- 03.4570.BUC
- Dali Version
- 03.4570.BUCDA
- 1-10V
- 03.4570.BUC1V

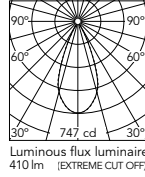


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	694	0.80
2	174	1.61
3	77	2.41
4	43	3.21
5	28	4.02

Non Dimmable

- 03.4595.74C
- Dali Version
- 03.4595.74CDA
- 1-10V
- 03.4595.74C1V

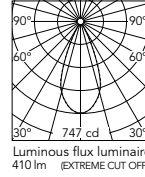


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	747	0.80
2	187	1.60
3	83	2.40
4	47	3.19
5	30	3.99

Non Dimmable

- 03.4570.74C
- Dali Version
- 03.4570.74CDA
- 1-10V
- 03.4570.74C1V

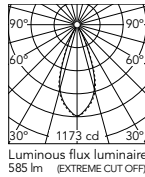


Beam Angle: 44°

h(m)	E(lx)	D(m)
1	747	0.80
2	187	1.60
3	83	2.40
4	47	3.19
5	30	3.99

Non Dimmable

- 03.4595.CUC
- Dali Version
- 03.4595.CUCDA
- 1-10V
- 03.4595.CUC1V

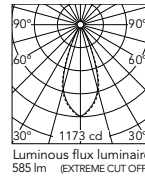


Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1173	0.74
2	293	1.48
3	130	2.22
4	73	2.96
5	47	3.69

Non Dimmable

- 03.4570.CUC
- Dali Version
- 03.4570.CUCDA
- 1-10V
- 03.4570.CUC1V



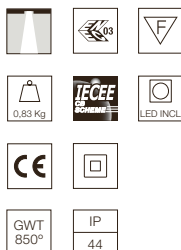
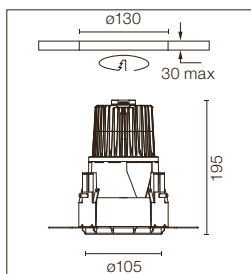
Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1173	0.74
2	293	1.48
3	130	2.22
4	73	2.96
5	47	3.69

KAP

Kap Ø105

Light Source: LED Array 13,5W - 1600 lm - 2700K/CRI 90 / 13,5W - 1650 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Transformateur électronique 220/240V à distance inclus.

Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.

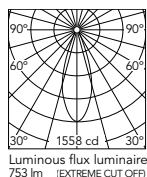
Cadre de montage conventionnel et/ou **Fast&Perfect**. À commander séparément.

Conventional pre-installation frame and/or **Fast&Perfect**. To be ordered separately.

2700K

Non Dimmable

- 03.4581.B1
- 03.4581.B1.DA
- 03.4581.B1.1V



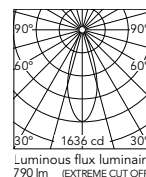
Beam Angle: 36°

h(m)	E(lx)	D(m)
1	1558	0.65
2	389	1.29
3	173	1.94
4	97	2.58
5	62	3.23

3000K

Non Dimmable

- 03.4580.B1
- 03.4580.B1.DA
- 03.4580.B1.1V

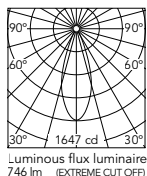


Beam Angle: 36°

h(m)	E(lx)	D(m)
1	1636	0.65
2	409	1.29
3	182	1.94
4	102	2.58
5	65	3.23

Non Dimmable

- 03.4581.GL
- 03.4581.GL.DA
- 03.4581.GL.1V

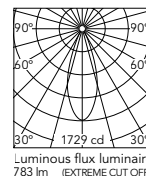


Beam Angle: 36°

h(m)	E(lx)	D(m)
1	1647	0.66
2	412	1.31
3	183	1.97
4	103	2.63
5	66	3.29

Non Dimmable

- 03.4580.GL
- 03.4580.GL.DA
- 03.4580.GL.1V

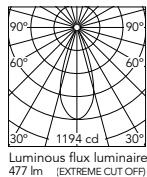


Beam Angle: 36°

h(m)	E(lx)	D(m)
1	1729	0.66
2	432	1.31
3	192	1.97
4	108	2.63
5	69	3.29

Non Dimmable

- 03.4581.BU
- 03.4581.BU.DA
- 03.4581.BU.1V

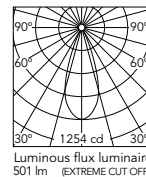


Beam Angle: 38°

h(m)	E(lx)	D(m)
1	1194	0.69
2	299	1.37
3	133	2.06
4	75	2.74
5	48	3.43

Non Dimmable

- 03.4580.BU
- 03.4580.BU.DA
- 03.4580.BU.1V

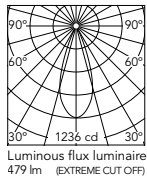


Beam Angle: 38°

h(m)	E(lx)	D(m)
1	1254	0.69
2	313	1.37
3	139	2.06
4	78	2.74
5	50	3.43

Non Dimmable

- 03.4581.74
- 03.4581.74.DA
- 03.4581.74.1V

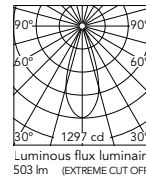


Beam Angle: 38°

h(m)	E(lx)	D(m)
1	1236	0.68
2	309	1.36
3	137	2.04
4	77	2.73
5	49	3.41

Non Dimmable

- 03.4580.74
- 03.4580.74.DA
- 03.4580.74.1V

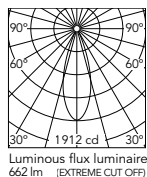


Beam Angle: 38°

h(m)	E(lx)	D(m)
1	1297	0.68
2	324	1.36
3	144	2.04
4	81	2.73
5	52	3.41

Non Dimmable

- 03.4581.CU
- 03.4581.CU.DA
- 03.4581.CU.1V

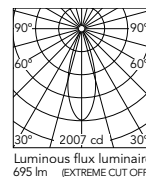


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	1912	0.61
2	478	1.22
3	212	1.83
4	119	2.43
5	76	3.04

Non Dimmable

- 03.4580.CU
- 03.4580.CU.DA
- 03.4580.CU.1V



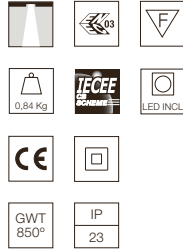
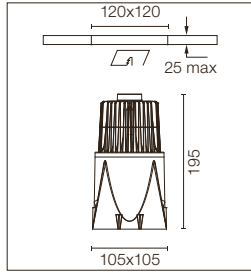
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	2007	0.61
2	502	1.22
3	223	1.83
4	125	2.43
5	80	3.04

KAP

Kap 105 Square

Light Source: LED Array 17W - 1800 lm - 2700K/CRI 90 / 17W - 2000 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Transformateur électronique 220/240V à distance inclus.

Cadre de pré-montage. À commander séparément.

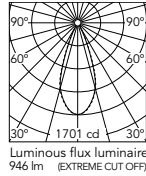
Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.

Pre-installation frame. To be ordered separately.

2700K

Non Dimmable

- 03.4583.B1
- Dali Version
- 03.4583.B1.DA
- 1-10V
- 03.4583.B1.1V



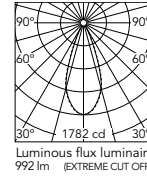
Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1701	0.72
2	425	1.44
3	189	2.16
4	106	2.87
5	68	3.59

3000K

Non Dimmable

- 03.4582.B1
- Dali Version
- 03.4582.B1.DA
- 1-10V
- 03.4582.B1.1V

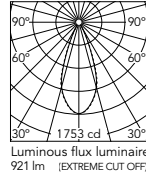


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1782	0.72
2	446	1.44
3	198	2.16
4	111	2.87
5	71	3.59

Non Dimmable

- 03.4583.GL
- Dali Version
- 03.4583.GL.DA
- 1-10V
- 03.4583.GL.1V

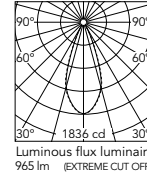


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1753	0.73
2	438	1.46
3	195	2.18
4	110	2.91
5	70	3.64

Non Dimmable

- 03.4582.GL
- Dali Version
- 03.4582.GL.DA
- 1-10V
- 03.4582.GL.1V

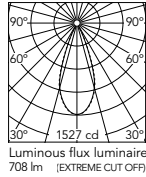


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1836	0.73
2	459	1.46
3	204	2.18
4	115	2.91
5	73	3.64

Non Dimmable

- 03.4583.BU
- Dali Version
- 03.4583.BU.DA
- 1-10V
- 03.4583.BU.1V

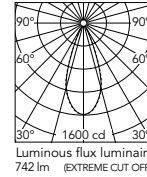


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1527	0.72
2	382	1.44
3	170	2.16
4	95	2.88
5	61	3.60

Non Dimmable

- 03.4582.BU
- Dali Version
- 03.4582.BU.DA
- 1-10V
- 03.4582.BU.1V

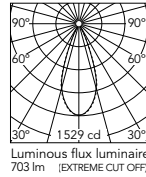


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1600	0.72
2	400	1.44
3	178	2.16
4	100	2.88
5	64	3.60

Non Dimmable

- 03.4583.74
- Dali Version
- 03.4583.74.DA
- 1-10V
- 03.4583.74.1V

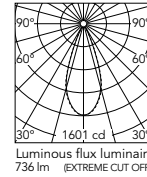


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1529	0.72
2	382	1.44
3	170	2.16
4	96	2.88
5	61	3.60

Non Dimmable

- 03.4582.74
- Dali Version
- 03.4582.74.DA
- 1-10V
- 03.4582.74.1V

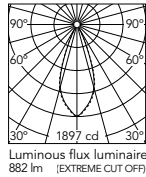


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1601	0.72
2	400	1.44
3	178	2.16
4	100	2.88
5	64	3.60

Non Dimmable

- 03.4583.CU
- Dali Version
- 03.4583.CU.DA
- 1-10V
- 03.4583.CU.1V

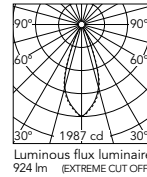


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1897	0.72
2	474	1.44
3	211	2.16
4	119	2.88
5	76	3.60

Non Dimmable

- 03.4582.CU
- Dali Version
- 03.4582.CU.DA
- 1-10V
- 03.4582.CU.1V

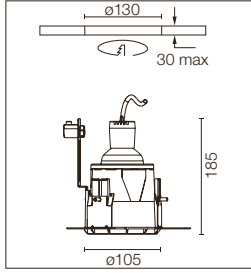


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1987	0.72
2	497	1.44
3	221	2.16
4	124	2.88
5	79	3.60

Kap Ø105

Light Source: QT-12 GY6.35 - max 50W



		B → E

Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

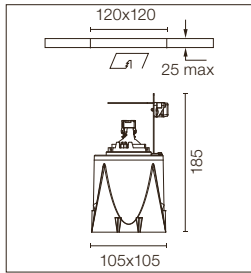
Cadre de montage conventionnel et/ou **Fast&Perfect**. À commander séparément.

Conventional pre-installation frame and/or **Fast&Perfect**. To be ordered separately.

- 03.4400.B1
- 03.4400.GL
- 03.4400.BU
- 03.4400.74
- 03.4400.CU

Kap 105 Square

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

Cadre de pré-montage. À commander séparément.

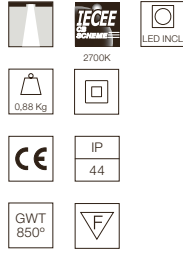
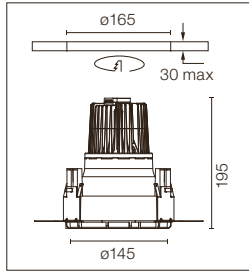
Pre-installation frame. To be ordered separately.

- 03.4572.B1
- 03.4572.GL
- 03.4572.BU
- 03.4572.74
- 03.4572.CU

KAP

Kap Ø145

Light Source: Phosphor LED 17W - 1400 lm - 2700K/CRI 98 / 17W - 1400 lm - 3000K/CRI 98



Appareil d'éclairage encastré à LED. Transformateur électronique 220/240V à distance inclus.

Cadre de pré-montage. À commander séparément.

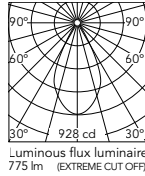
Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.

Pre-installation frame. To be ordered separately.

2700K

Non Dimmable

- 03.4496.B1B
Dali Version
- 03.4496.B1BDA
1-10V
- 03.4496.B1B1V



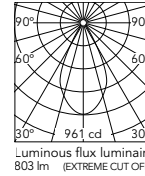
Beam Angle: 53°	h(m)	E(lx)	D(m)
1	928	1.00	
2	232	2.00	
3	103	3.00	
4	58	4.01	
5	37	5.01	

Luminous flux luminaire 775 lm (EXTREME CUT OFF)

3000K

Non Dimmable

- 03.4420.B1C
Dali Version
- 03.4420.B1CDA
1-10V
- 03.4420.B1C1V

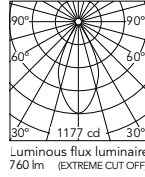


Beam Angle: 53°	h(m)	E(lx)	D(m)
1	961	1.00	
2	240	2.00	
3	107	3.00	
4	60	4.01	
5	38	5.01	

Luminous flux luminaire 803 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4496.GLB
Dali Version
- 03.4496.GLBDA
1-10V
- 03.4496.GLB1V

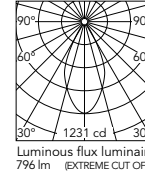


Beam Angle: 49°	h(m)	E(lx)	D(m)
1	1177	0.92	
2	294	1.84	
3	131	2.76	
4	74	3.68	
5	47	4.60	

Luminous flux luminaire 760 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4420.GLC
Dali Version
- 03.4420.GLCDA
1-10V
- 03.4420.GLC1V

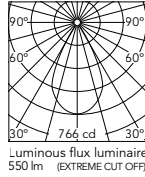


Beam Angle: 49°	h(m)	E(lx)	D(m)
1	1231	0.92	
2	308	1.84	
3	137	2.76	
4	77	3.68	
5	49	4.60	

Luminous flux luminaire 796 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4496.BUB
Dali Version
- 03.4496.BUBDA
1-10V
- 03.4496.BUB1V

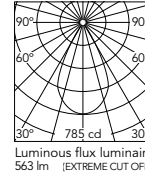


Beam Angle: 54°	h(m)	E(lx)	D(m)
1	766	1.02	
2	191	2.04	
3	85	3.06	
4	48	4.08	
5	31	5.11	

Luminous flux luminaire 550 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4420.BUC
Dali Version
- 03.4420.BUCDA
1-10V
- 03.4420.BUC1V

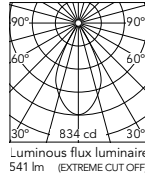


Beam Angle: 54°	h(m)	E(lx)	D(m)
1	785	1.02	
2	196	2.04	
3	87	3.06	
4	49	4.08	
5	31	5.11	

Luminous flux luminaire 563 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4496.74B
Dali Version
- 03.4496.74BDA
1-10V
- 03.4496.74B1V

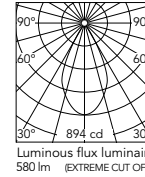


Beam Angle: 52°	h(m)	E(lx)	D(m)
1	834	0.97	
2	208	1.95	
3	93	2.92	
4	52	3.90	
5	33	4.87	

Luminous flux luminaire 541 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4420.74C
Dali Version
- 03.4420.74CDA
1-10V
- 03.4420.74C1V

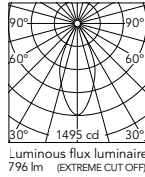


Beam Angle: 52°	h(m)	E(lx)	D(m)
1	894	0.97	
2	224	1.95	
3	99	2.92	
4	56	3.90	
5	36	4.87	

Luminous flux luminaire 580 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4496.CUB
Dali Version
- 03.4496.CUBDA
1-10V
- 03.4496.CUB1V

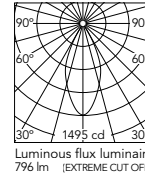


Beam Angle: 45°	h(m)	E(lx)	D(m)
1	1495	0.83	
2	374	1.66	
3	166	2.49	
4	93	3.33	
5	60	4.16	

Luminous flux luminaire 796 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4420.CUC
Dali Version
- 03.4420.CUCDA
1-10V
- 03.4420.CUC1V



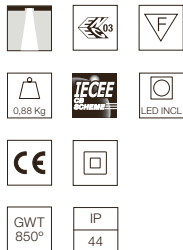
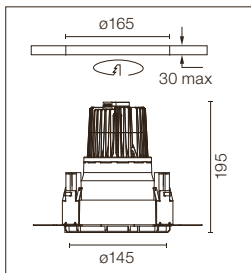
Beam Angle: 45°	h(m)	E(lx)	D(m)
1	1495	0.83	
2	374	1.66	
3	166	2.49	
4	93	3.33	
5	60	4.16	

Luminous flux luminaire 796 lm (EXTREME CUT OFF)

KAP

Kap Ø145

Light Source: LED Array 17W - 1800 lm - 2700K/CRI 90 / 17W - 2000 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Transformateur électronique 220/240V à distance inclus.

Cadre de pré-montage. À commander séparément.

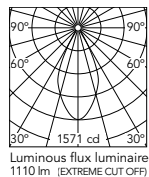
Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.

Pre-installation frame. To be ordered separately.

2700K

Non Dimmable

- 03.4585.B1
- 03.4585.B1.DA
- 03.4585.B1.1V



Beam Angle: 49°

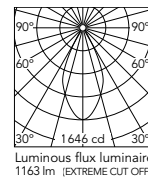
h(m)	E(lx)	D(m)
1	1571	0.91
2	393	1.82
3	175	2.73
4	98	3.64
5	63	4.55

Luminous flux luminaire 1110 lm (EXTREME CUT OFF)

3000K

Non Dimmable

- 03.4584.B1
- 03.4584.B1.DA
- 03.4584.B1.1V



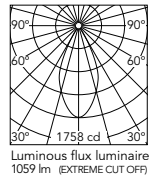
Beam Angle: 49°

h(m)	E(lx)	D(m)
1	1646	0.91
2	411	1.82
3	183	2.73
4	103	3.64
5	66	4.55

Luminous flux luminaire 1163 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4585.GL
- 03.4585.GL.DA
- 03.4585.GL.1V



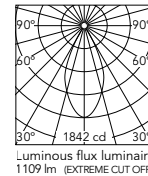
Beam Angle: 48°

h(m)	E(lx)	D(m)
1	1758	0.88
2	439	1.77
3	195	2.65
4	110	3.54
5	70	4.42

Luminous flux luminaire 1059 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4584.GL
- 03.4584.GL.DA
- 03.4584.GL.1V



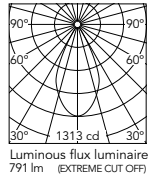
Beam Angle: 48°

h(m)	E(lx)	D(m)
1	1842	0.88
2	460	1.77
3	205	2.65
4	115	3.54
5	74	4.42

Luminous flux luminaire 1109 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4585.BU
- 03.4585.BU.DA
- 03.4585.BU.1V



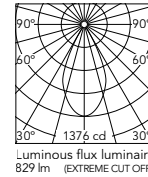
Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1313	0.93
2	328	1.86
3	146	2.79
4	82	3.72
5	53	4.65

Luminous flux luminaire 791 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4584.BU
- 03.4584.BU.DA
- 03.4584.BU.1V



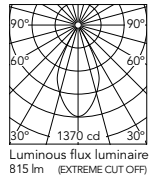
Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1376	0.93
2	344	1.86
3	153	2.79
4	86	3.72
5	55	4.65

Luminous flux luminaire 829 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4585.74
- 03.4585.74.DA
- 03.4585.74.1V



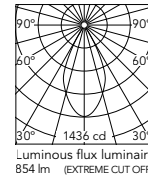
Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1370	0.93
2	343	1.86
3	152	2.79
4	86	3.72
5	55	4.65

Luminous flux luminaire 815 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4584.74
- 03.4584.74.DA
- 03.4584.74.1V



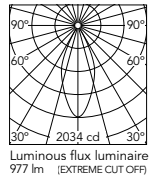
Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1436	0.93
2	359	1.86
3	160	2.79
4	90	3.72
5	57	4.65

Luminous flux luminaire 854 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4585.CU
- 03.4585.CU.DA
- 03.4585.CU.1V



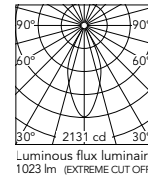
Beam Angle: 43°

h(m)	E(lx)	D(m)
1	2034	0.78
2	509	1.57
3	226	2.35
4	127	3.14
5	81	3.92

Luminous flux luminaire 977 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4584.CU
- 03.4584.CU.DA
- 03.4584.CU.1V



Beam Angle: 43°

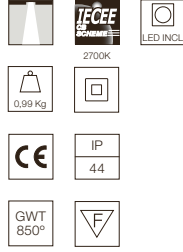
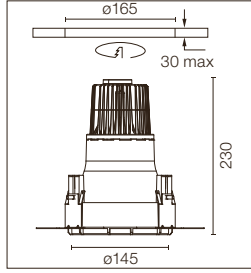
h(m)	E(lx)	D(m)
1	2131	0.78
2	533	1.57
3	237	2.35
4	133	3.14
5	85	3.92

Luminous flux luminaire 1023 lm (EXTREME CUT OFF)

KAP

Kap Ø145 Deep

Light Source: Phosphor LED 17W - 1400 lm - 2700K/CRI 98 / 17W - 1400 lm - 3000K/CRI 98



Appareil d'éclairage encastré à LED. Transformateur électronique 220/240V à distance inclus.

Cadre de pré-montage. À commander séparément.

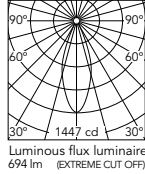
Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.

Pre-installation frame. To be ordered separately.

2700K

Non Dimmable

- 03.4497.B1B
Dali Version
- 03.4497.B1BDA
1-10V
- 03.4497.B1B1V

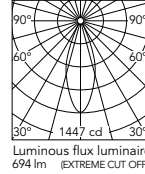


Beam Angle: 37°	h(m)	E(lx)	D(m)
1	1447	0.67	
2	362	1.34	
3	161	2.01	
4	90	2.69	
5	58	3.36	

3000K

Non Dimmable

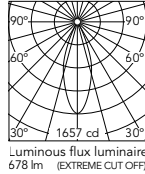
- 03.4482.B1C
Dali Version
- 03.4482.B1CDA
1-10V
- 03.4482.B1C1V



Beam Angle: 37°	h(m)	E(lx)	D(m)
1	1447	0.67	
2	362	1.34	
3	161	2.01	
4	90	2.69	
5	58	3.36	

Non Dimmable

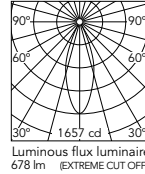
- 03.4497.GLB
Dali Version
- 03.4497.GLBDA
1-10V
- 03.4497.GLB1V



Beam Angle: 36°	h(m)	E(lx)	D(m)
1	1657	0.65	
2	414	1.30	
3	184	1.96	
4	104	2.61	
5	66	3.26	

Non Dimmable

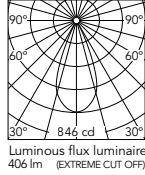
- 03.4482.GLC
Dali Version
- 03.4482.GLCDA
1-10V
- 03.4482.GLC1V



Beam Angle: 36°	h(m)	E(lx)	D(m)
1	1657	0.65	
2	414	1.30	
3	184	1.96	
4	104	2.61	
5	66	3.26	

Non Dimmable

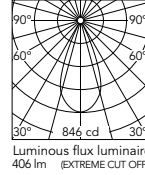
- 03.4497.BUB
Dali Version
- 03.4497.BUBDA
1-10V
- 03.4497.BUB1V



Beam Angle: 44°	h(m)	E(lx)	D(m)
1	846	0.80	
2	211	1.60	
3	94	2.39	
4	53	3.19	
5	34	3.99	

Non Dimmable

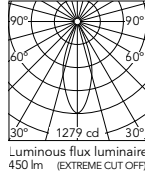
- 03.4482.BUC
Dali Version
- 03.4482.BUCDA
1-10V
- 03.4482.BUC1V



Beam Angle: 44°	h(m)	E(lx)	D(m)
1	846	0.80	
2	211	1.60	
3	94	2.39	
4	53	3.19	
5	34	3.99	

Non Dimmable

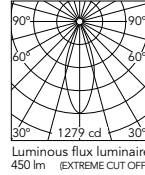
- 03.4497.74B
Dali Version
- 03.4497.74BDA
1-10V
- 03.4497.74B1V



Beam Angle: 37°	h(m)	E(lx)	D(m)
1	1279	0.66	
2	320	1.32	
3	142	1.98	
4	80	2.64	
5	51	3.30	

Non Dimmable

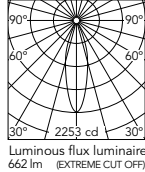
- 03.4482.74C
Dali Version
- 03.4482.74CDA
1-10V
- 03.4482.74C1V



Beam Angle: 37°	h(m)	E(lx)	D(m)
1	1279	0.66	
2	320	1.32	
3	142	1.98	
4	80	2.64	
5	51	3.30	

Non Dimmable

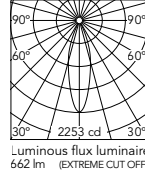
- 03.4497.CUB
Dali Version
- 03.4497.CUBDA
1-10V
- 03.4497.CUB1V



Beam Angle: 28°	h(m)	E(lx)	D(m)
1	2253	0.50	
2	563	1.01	
3	250	1.51	
4	141	2.02	
5	90	2.52	

Non Dimmable

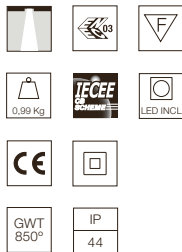
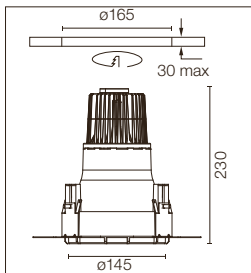
- 03.4482.CUC
Dali Version
- 03.4482.CUCDA
1-10V
- 03.4482.CUC1V



Beam Angle: 28°	h(m)	E(lx)	D(m)
1	2253	0.50	
2	563	1.01	
3	250	1.51	
4	141	2.02	
5	90	2.52	

Kap Ø145 Deep

Light Source: LED Array 17W - 1800 lm - 2700K/CRI 90 / 17W - 2000 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Transformateur électronique 220/240V à distance inclus.

Cadre de pré-montage. À commander séparément.

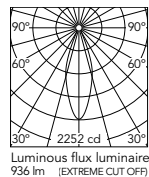
Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.

Pre-installation frame. To be ordered separately.

2700K

Non Dimmable

- 03.4587.B1
- 03.4587.B1.DA
- 03.4587.B1.1V



Beam Angle: 34°

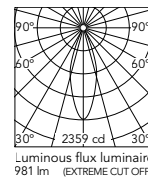
h(m)	E(lx)	D(m)
1	2252	0.61
2	563	1.23
3	250	1.84
4	141	2.45
5	90	3.06

Luminous flux luminaire 936 lm (EXTREME CUT OFF)

3000K

Non Dimmable

- 03.4586.B1
- 03.4586.B1.DA
- 03.4586.B1.1V



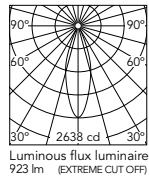
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	2359	0.61
2	590	1.23
3	262	1.84
4	147	2.45
5	94	3.06

Luminous flux luminaire 981 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4587.GL
- 03.4587.GL.DA
- 03.4587.GL.1V



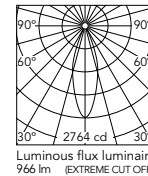
Beam Angle: 32°

h(m)	E(lx)	D(m)
1	2638	0.58
2	660	1.16
3	293	1.74
4	165	2.31
5	106	2.89

Luminous flux luminaire 923 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4586.GL
- 03.4586.GL.DA
- 03.4586.GL.1V



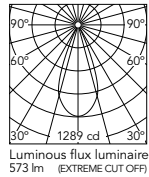
Beam Angle: 32°

h(m)	E(lx)	D(m)
1	2764	0.58
2	691	1.16
3	307	1.74
4	173	2.31
5	111	2.89

Luminous flux luminaire 966 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4587.BU
- 03.4587.BU.DA
- 03.4587.BU.1V



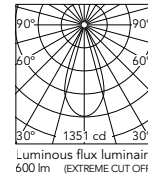
Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1289	0.77
2	322	1.53
3	143	2.30
4	81	3.07
5	52	3.83

Luminous flux luminaire 573 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4586.BU
- 03.4586.BU.DA
- 03.4586.BU.1V



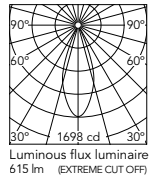
Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1351	0.77
2	338	1.53
3	150	2.30
4	84	3.07
5	54	3.83

Luminous flux luminaire 600 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4587.74
- 03.4587.74.DA
- 03.4587.74.1V



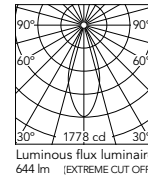
Beam Angle: 38°

h(m)	E(lx)	D(m)
1	1698	0.69
2	424	1.38
3	189	2.07
4	106	2.76
5	68	3.45

Luminous flux luminaire 615 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4586.74
- 03.4586.74.DA
- 03.4586.74.1V



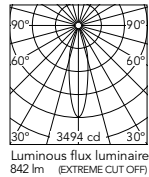
Beam Angle: 38°

h(m)	E(lx)	D(m)
1	1778	0.69
2	445	1.38
3	198	2.07
4	111	2.76
5	71	3.45

Luminous flux luminaire 644 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4587.CU
- 03.4587.CU.DA
- 03.4587.CU.1V



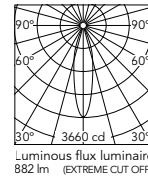
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	3494	0.43
2	873	0.86
3	388	1.29
4	218	1.72
5	140	2.15

Luminous flux luminaire 842 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4586.CU
- 03.4586.CU.DA
- 03.4586.CU.1V



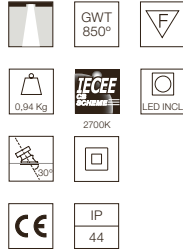
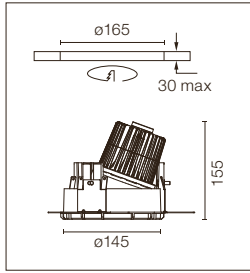
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	3660	0.43
2	915	0.86
3	407	1.29
4	229	1.72
5	146	2.15

Luminous flux luminaire 882 lm (EXTREME CUT OFF)

Kap Ø145 Wall-Washer

Light Source: Phosphor LED 17W - 1400 lm - 2700K/CRI 98 / 17W - 1400 lm - 3000K/CRI 98



Appareil d'éclairage encastré à LED. Transformateur électronique 220/240V à distance inclus.

Cadre de pré-montage. À commander séparément.

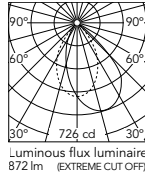
Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.

Pre-installation frame. To be ordered separately.

2700K

Non Dimmable

- 03.4498.B1B
Dali Version
- 03.4498.B1BDA
1-10V
- 03.4498.B1B1V



Beam Angle: 59°

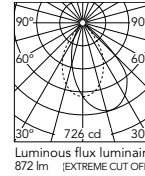
h(m)	E(lx)	D(m)
1	726	1.26
2	181	2.53
3	81	3.79
4	45	5.05
5	29	6.32

Luminous flux luminaire 872 lm (EXTREME CUT OFF)

3000K

Non Dimmable

- 03.4475.B1C
Dali Version
- 03.4475.B1CDA
1-10V
- 03.4475.B1C1V



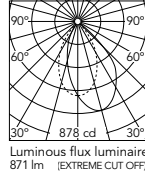
Beam Angle: 59°

h(m)	E(lx)	D(m)
1	726	1.26
2	181	2.53
3	81	3.79
4	45	5.05
5	29	6.32

Luminous flux luminaire 872 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4498.GLB
Dali Version
- 03.4498.GLBDA
1-10V
- 03.4498.GLB1V



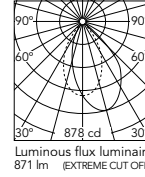
Beam Angle: 56°

h(m)	E(lx)	D(m)
1	878	1.18
2	219	2.37
3	98	3.55
4	55	4.73
5	35	5.92

Luminous flux luminaire 871 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4475.GLC
Dali Version
- 03.4475.GLCDA
1-10V
- 03.4475.GLC1V



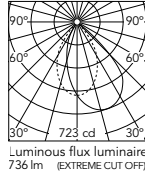
Beam Angle: 56°

h(m)	E(lx)	D(m)
1	878	1.18
2	219	2.37
3	98	3.55
4	55	4.73
5	35	5.92

Luminous flux luminaire 871 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4498.BUB
Dali Version
- 03.4498.BUBDA
1-10V
- 03.4498.BUB1V



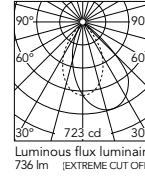
Beam Angle: 58°

h(m)	E(lx)	D(m)
1	723	1.25
2	181	2.51
3	80	3.76
4	45	5.01
5	29	6.26

Luminous flux luminaire 736 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4475.BUC
Dali Version
- 03.4475.BUCDA
1-10V
- 03.4475.BUC1V



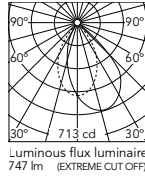
Beam Angle: 58°

h(m)	E(lx)	D(m)
1	723	1.25
2	181	2.51
3	80	3.76
4	45	5.01
5	29	6.26

Luminous flux luminaire 736 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4498.74B
Dali Version
- 03.4498.74BDA
1-10V
- 03.4498.74B1V



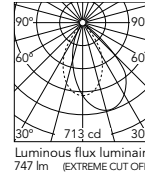
Beam Angle: 58°

h(m)	E(lx)	D(m)
1	713	1.24
2	178	2.48
3	79	3.72
4	45	4.96
5	29	6.20

Luminous flux luminaire 747 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4475.74C
Dali Version
- 03.4475.74CDA
1-10V
- 03.4475.74C1V



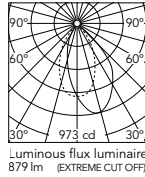
Beam Angle: 58°

h(m)	E(lx)	D(m)
1	713	1.24
2	178	2.48
3	79	3.72
4	45	4.96
5	29	6.20

Luminous flux luminaire 747 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4498.CUB
Dali Version
- 03.4498.CUBDA
1-10V
- 03.4498.CUB1V



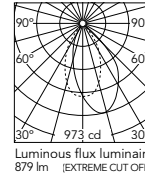
Beam Angle: 54°

h(m)	E(lx)	D(m)
1	973	1.10
2	243	2.21
3	108	3.31
4	61	4.42
5	39	5.52

Luminous flux luminaire 879 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4475.CUC
Dali Version
- 03.4475.CUCDA
1-10V
- 03.4475.CUC1V



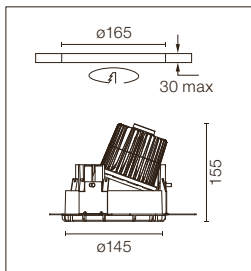
Beam Angle: 54°

h(m)	E(lx)	D(m)
1	973	1.10
2	243	2.21
3	108	3.31
4	61	4.42
5	39	5.52

Luminous flux luminaire 879 lm (EXTREME CUT OFF)

Kap Ø145 Wall-Washer

Light Source: LED Array 17W - 1800 lm - 2700K/CRI 90 / 17W - 2000 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Transformateur électronique 220/240V à distance inclus.

Cadre de pré-montage. À commander séparément.

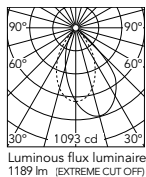
Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.

Pre-installation frame. To be ordered separately.

2700K

Non Dimmable

- 03.4589.B1
- Dali Version
- 03.4589.B1.DA
- 1-10V
- 03.4589.B1.1V



Beam Angle: 56°

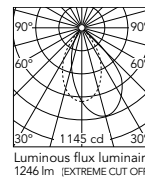
h(m)	Et(k)	D(m)
1	1093	1.17
2	273	2.34
3	121	3.52
4	68	4.69
5	44	5.86

Luminous flux luminaire 1189 lm (EXTREME CUT OFF)

3000K

Non Dimmable

- 03.4588.B1
- Dali Version
- 03.4588.B1.DA
- 1-10V
- 03.4588.B1.1V



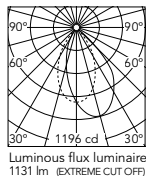
Beam Angle: 56°

h(m)	Et(k)	D(m)
1	1145	1.17
2	286	2.34
3	127	3.52
4	72	4.69
5	46	5.86

Luminous flux luminaire 1246 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4589.GL
- Dali Version
- 03.4589.GL.DA
- 1-10V
- 03.4589.GL.1V



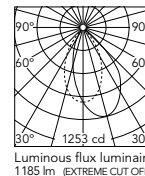
Beam Angle: 55°

h(m)	Et(k)	D(m)
1	1196	1.13
2	299	2.26
3	133	3.39
4	75	4.52
5	48	5.65

Luminous flux luminaire 1131 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4588.GL
- Dali Version
- 03.4588.GL.DA
- 1-10V
- 03.4588.GL.1V



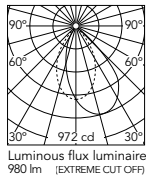
Beam Angle: 55°

h(m)	Et(k)	D(m)
1	1253	1.13
2	313	2.26
3	139	3.39
4	78	4.52
5	50	5.65

Luminous flux luminaire 1185 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4589.BU
- Dali Version
- 03.4589.BU.DA
- 1-10V
- 03.4589.BU.1V



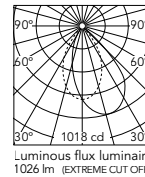
Beam Angle: 56°

h(m)	Et(k)	D(m)
1	972	1.17
2	243	2.34
3	108	3.51
4	61	4.68
5	39	5.85

Luminous flux luminaire 980 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4588.BU
- Dali Version
- 03.4588.BU.DA
- 1-10V
- 03.4588.BU.1V



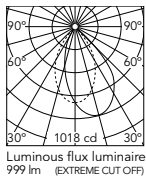
Beam Angle: 56°

h(m)	Et(k)	D(m)
1	1018	1.17
2	254	2.34
3	113	3.51
4	64	4.68
5	41	5.85

Luminous flux luminaire 1026 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4589.74
- Dali Version
- 03.4589.74.DA
- 1-10V
- 03.4589.74.1V



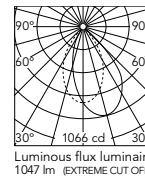
Beam Angle: 55°

h(m)	Et(k)	D(m)
1	1018	1.14
2	254	2.29
3	113	3.43
4	64	4.57
5	41	5.72

Luminous flux luminaire 999 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4588.74
- Dali Version
- 03.4588.74.DA
- 1-10V
- 03.4588.74.1V



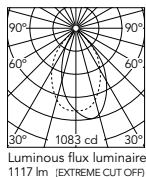
Beam Angle: 55°

h(m)	Et(k)	D(m)
1	1066	1.14
2	267	2.29
3	118	3.43
4	67	4.57
5	43	5.72

Luminous flux luminaire 1047 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4589.CU
- Dali Version
- 03.4589.CU.DA
- 1-10V
- 03.4589.CU.1V



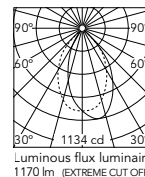
Beam Angle: 56°

h(m)	Et(k)	D(m)
1	1083	1.09
2	271	2.18
3	120	3.27
4	68	4.36
5	43	5.45

Luminous flux luminaire 1117 lm (EXTREME CUT OFF)

Non Dimmable

- 03.4588.CU
- Dali Version
- 03.4588.CU.DA
- 1-10V
- 03.4588.CU.1V



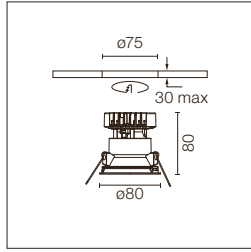
Beam Angle: 56°

h(m)	Et(k)	D(m)
1	1134	1.09
2	284	2.18
3	126	3.27
4	71	4.36
5	45	5.45

Luminous flux luminaire 1170 lm (EXTREME CUT OFF)

Easy Kap Ø80 Fixed - Optic Spot

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



	GWT 850°	IP 54
	0,24 Kg	
	h=91 min	

Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

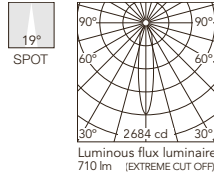
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

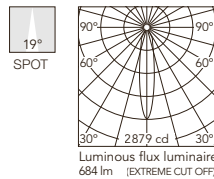
2700K
□ 03.4288.B1



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2684	0.34
2	671	0.68
3	298	1.02
4	168	1.36
5	107	1.70

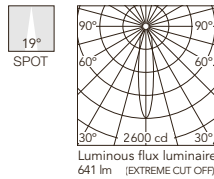
■ 03.4288.GL



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2879	0.33
2	720	0.67
3	320	1.00
4	180	1.33
5	115	1.66

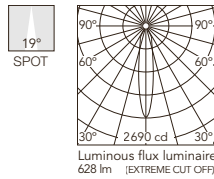
■ 03.4288.BU



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2600	0.34
2	650	0.68
3	289	1.02
4	163	1.36
5	104	1.70

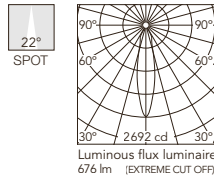
■ 03.4288.74



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2690	0.33
2	673	0.66
3	299	0.99
4	168	1.31
5	108	1.64

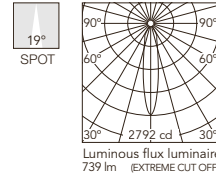
■ 03.4288.CU



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2692	0.40
2	673	0.79
3	299	1.19
4	168	1.58
5	108	1.98

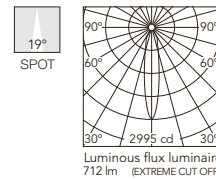
3000K
□ 03.4287.B1



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2792	0.34
2	698	0.68
3	310	1.02
4	175	1.36
5	112	1.70

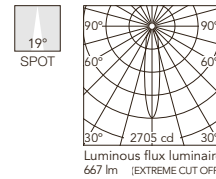
■ 03.4287.GL



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2995	0.33
2	749	0.67
3	333	1.00
4	187	1.33
5	120	1.66

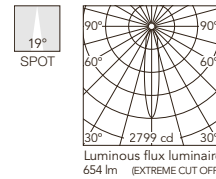
■ 03.4287.BU



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2705	0.34
2	676	0.68
3	301	1.02
4	169	1.36
5	108	1.70

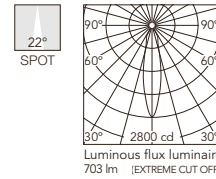
■ 03.4287.74



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2799	0.33
2	700	0.66
3	311	0.99
4	175	1.31
5	112	1.64

■ 03.4287.CU

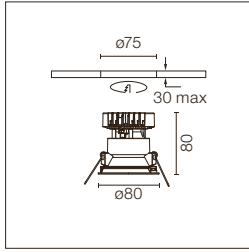


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2800	0.40
2	700	0.79
3	311	1.19
4	175	1.58
5	112	1.98

Easy Kap Ø80 Fixed - Optic Spot - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWGT 850°
 LED INCL
 0,24 Kg
 IP 54
 CE
 F
 h=91 mm

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

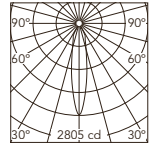
Cadre de montage non nécessaire.

Installation frame not necessary.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4287.B1.LE

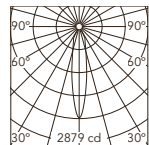


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2805	0.35
2	701	0.69
3	312	1.04
4	175	1.39
5	112	1.74

Luminous flux luminaire 740 lm (EXTREME CUT OFF)

03.4287.GL.LE

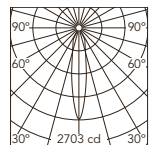


Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2879	0.33
2	720	0.67
3	320	1.00
4	180	1.33
5	115	1.67

Luminous flux luminaire 696 lm (EXTREME CUT OFF)

03.4287.BU.LE

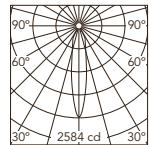


Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2703	0.33
2	676	0.66
3	300	0.99
4	169	1.32
5	108	1.65

Luminous flux luminaire 644 lm (EXTREME CUT OFF)

03.4287.74.LE

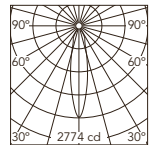


Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2584	0.34
2	646	0.68
3	287	1.02
4	161	1.35
5	103	1.69

Luminous flux luminaire 632 lm (EXTREME CUT OFF)

03.4287.CU.LE



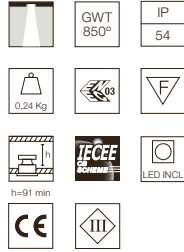
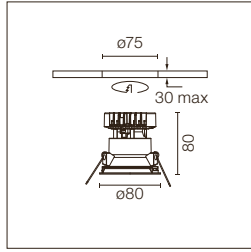
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2774	0.38
2	693	0.76
3	308	1.14
4	173	1.53
5	111	1.91

Luminous flux luminaire 697 lm (EXTREME CUT OFF)

Easy Kap Ø80 Fixed - Optic Medium

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

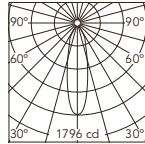
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

2700K
03.4193.B1

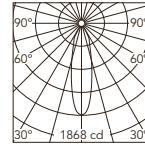


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1796	0.46
2	449	0.92
3	200	1.39
4	112	1.85
5	72	2.31

Luminous flux luminaire
606 lm (EXTREME CUT OFF)

3000K
03.4192.B1

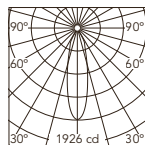


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1868	0.46
2	467	0.92
3	208	1.39
4	117	1.85
5	75	2.31

Luminous flux luminaire
630 lm (EXTREME CUT OFF)

03.4193.GL

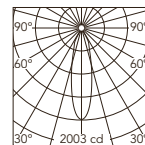


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1926	0.46
2	481	0.92
3	214	1.38
4	120	1.84
5	77	2.30

Luminous flux luminaire
594 lm (EXTREME CUT OFF)

03.4192.GL

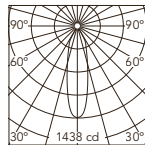


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	2003	0.46
2	501	0.92
3	223	1.38
4	125	1.84
5	80	2.30

Luminous flux luminaire
618 lm (EXTREME CUT OFF)

03.4193.BU

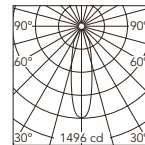


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1438	0.47
2	359	0.93
3	160	1.40
4	90	1.87
5	58	2.34

Luminous flux luminaire
476 lm (EXTREME CUT OFF)

03.4192.BU

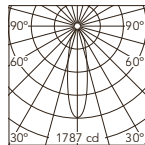


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1496	0.47
2	374	0.93
3	166	1.40
4	93	1.87
5	60	2.34

Luminous flux luminaire
495 lm (EXTREME CUT OFF)

03.4193.74

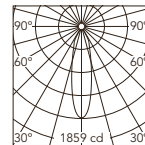


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1787	0.45
2	447	0.89
3	199	1.34
4	112	1.79
5	71	2.23

Luminous flux luminaire
541 lm (EXTREME CUT OFF)

03.4192.74

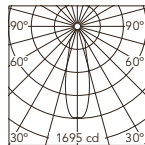


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1859	0.45
2	465	0.89
3	207	1.34
4	116	1.79
5	74	2.23

Luminous flux luminaire
563 lm (EXTREME CUT OFF)

03.4193.CU

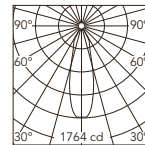


Beam Angle: 29°

h(m)	E(lx)	D(m)
1	1695	0.51
2	424	1.03
3	188	1.54
4	106	2.05
5	68	2.57

Luminous flux luminaire
572 lm (EXTREME CUT OFF)

03.4192.CU



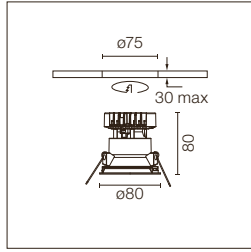
Beam Angle: 29°

h(m)	E(lx)	D(m)
1	1764	0.51
2	441	1.03
3	196	1.54
4	110	2.05
5	71	2.57

Luminous flux luminaire
595 lm (EXTREME CUT OFF)

Easy Kap Ø80 Fixed - Optic Medium - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWT
850°



0,24 Kg



IP
54



Appareil d'éclairage encastré à LED.
Alimentation 220-240V et dimmable 1-10V comprise.
Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included.
For 110V PSU versions, please consult with the front office.

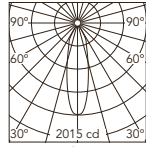
Cadre de montage non nécessaire.

Installation frame not necessary.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
03.4192.B1.LE

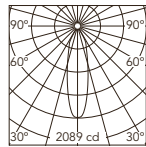


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	2015	0.49
2	504	0.98
3	224	1.46
4	126	1.95
5	81	2.44

Luminous flux luminaire
735 lm (EXTREME CUT OFF)

03.4192.GL.LE

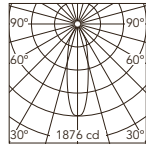


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	2089	0.47
2	522	0.95
3	232	1.42
4	131	1.89
5	84	2.37

Luminous flux luminaire
705 lm (EXTREME CUT OFF)

03.4192.BU.LE

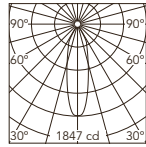


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1876	0.48
2	469	0.96
3	208	1.44
4	117	1.92
5	75	2.40

Luminous flux luminaire
641 lm (EXTREME CUT OFF)

03.4192.74.LE

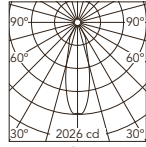


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1847	0.49
2	462	0.98
3	205	1.47
4	115	1.96
5	74	2.45

Luminous flux luminaire
637 lm (EXTREME CUT OFF)

03.4192.CU.LE



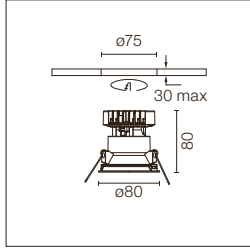
Beam Angle: 29°

h(m)	E(lx)	D(m)
1	2026	0.52
2	506	1.04
3	225	1.56
4	127	2.09
5	81	2.61

Luminous flux luminaire
698 lm (EXTREME CUT OFF)

Easy Kap Ø80 Fixed - Optic Flood

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



	GWT 850°	IP 54
	0,24 Kg	
	h=91 min	

Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

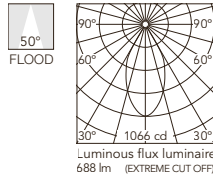
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

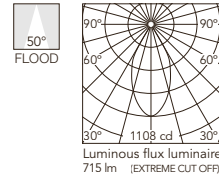
Recommended power supply:
60.8880
60.8533
60.8847
60.8534

2700K
□ 03.4298.B1



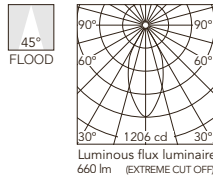
Beam Angle: 50°
h(m) E(lx) D(m)
1 1066 0.93
2 266 1.86
3 118 2.79
4 67 3.72
5 43 4.65

3000K
□ 03.4297.B1



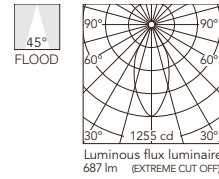
Beam Angle: 50°
h(m) E(lx) D(m)
1 1108 0.93
2 277 1.86
3 123 2.79
4 69 3.72
5 44 4.65

■ 03.4298.GL



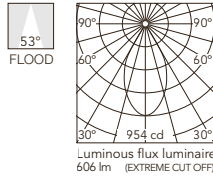
Beam Angle: 45°
h(m) E(lx) D(m)
1 1206 0.83
2 302 1.66
3 134 2.48
4 75 3.31
5 48 4.14

■ 03.4297.GL



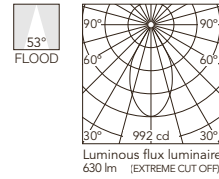
Beam Angle: 45°
h(m) E(lx) D(m)
1 1255 0.83
2 314 1.66
3 139 2.48
4 78 3.31
5 50 4.14

■ 03.4298.BU



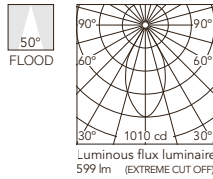
Beam Angle: 53°
h(m) E(lx) D(m)
1 954 1.00
2 238 2.01
3 106 3.01
4 60 4.02
5 38 5.02

■ 03.4297.BU



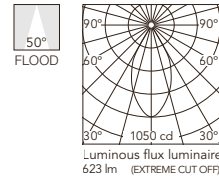
Beam Angle: 53°
h(m) E(lx) D(m)
1 992 1.00
2 248 2.01
3 110 3.01
4 62 4.02
5 40 5.02

■ 03.4298.74



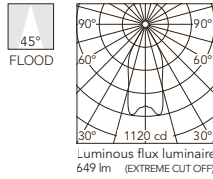
Beam Angle: 50°
h(m) E(lx) D(m)
1 1010 0.94
2 252 1.89
3 112 2.83
4 63 3.77
5 40 4.72

■ 03.4297.74



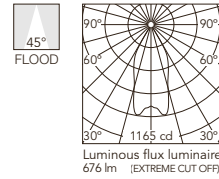
Beam Angle: 50°
h(m) E(lx) D(m)
1 1050 0.94
2 263 1.89
3 117 2.83
4 66 3.77
5 42 4.72

■ 03.4298.CU



Beam Angle: 45°
h(m) E(lx) D(m)
1 1120 0.83
2 280 1.66
3 124 2.49
4 70 3.32
5 45 4.14

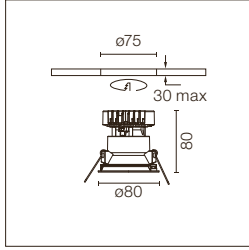
■ 03.4297.CU



Beam Angle: 45°
h(m) E(lx) D(m)
1 1165 0.83
2 291 1.66
3 129 2.49
4 73 3.32
5 47 4.14

Easy Kap Ø80 Fixed - Optic Flood - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWGT 850°
 LED INCL
 0,24 Kg
 IP 54
 CE
 F
 h=91 min

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

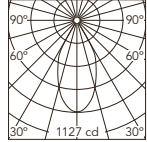
Cadre de montage non nécessaire.

Installation frame not necessary.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4297.B1.LE

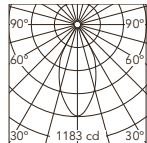


Beam Angle: 49°

h(m)	E(lx)	D(m)
1	1127	0.92
2	282	1.83
3	125	2.75
4	70	3.67
5	45	4.59

Luminous flux luminaire 729 lm (EXTREME CUT OFF)

03.4297.GL.LE

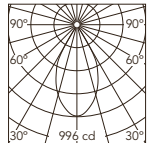


Beam Angle: 47°

h(m)	E(lx)	D(m)
1	1183	0.87
2	296	1.75
3	131	2.62
4	74	3.50
5	47	4.37

Luminous flux luminaire 690 lm (EXTREME CUT OFF)

03.4297.BU.LE

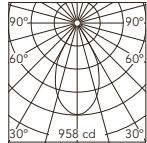


Beam Angle: 53°

h(m)	E(lx)	D(m)
1	996	1.00
2	249	1.99
3	111	2.99
4	62	3.98
5	40	4.98

Luminous flux luminaire 631 lm (EXTREME CUT OFF)

03.4297.74.LE

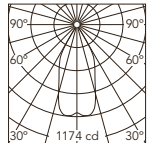


Beam Angle: 54°

h(m)	E(lx)	D(m)
1	958	1.02
2	239	2.04
3	106	3.06
4	60	4.09
5	38	5.11

Luminous flux luminaire 622 lm (EXTREME CUT OFF)

03.4297.CU.LE



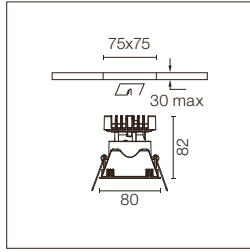
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1174	0.86
2	293	1.71
3	130	2.57
4	73	3.42
5	47	4.28

Luminous flux luminaire 694 lm (EXTREME CUT OFF)

Easy Kap 80 Square Fixed - Optic Spot

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



	GWT 850°	IP 54
	0,24 Kg	
	h=93 min	

Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

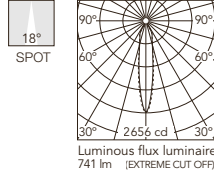
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

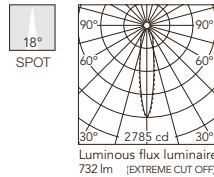
2700K
□ 03.4177.B1



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2656	0.31
2	664	0.62
3	295	0.94
4	166	1.25
5	106	1.56

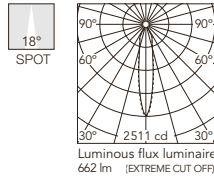
■ 03.4177.GL



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2785	0.31
2	696	0.63
3	309	0.94
4	174	1.26
5	111	1.57

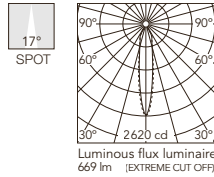
■ 03.4177.BU



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2511	0.32
2	628	0.64
3	279	0.96
4	157	1.28
5	100	1.60

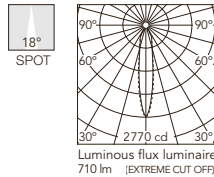
■ 03.4177.74



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2620	0.30
2	655	0.60
3	291	0.90
4	164	1.20
5	105	1.50

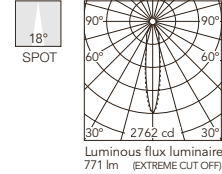
■ 03.4177.CU



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2770	0.31
2	693	0.62
3	308	0.94
4	173	1.25
5	111	1.56

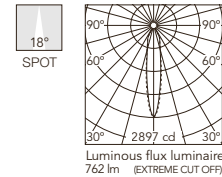
3000K
□ 03.4176.B1



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2762	0.31
2	691	0.62
3	307	0.94
4	173	1.25
5	110	1.56

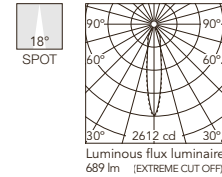
■ 03.4176.GL



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2897	0.31
2	724	0.63
3	322	0.94
4	181	1.26
5	116	1.57

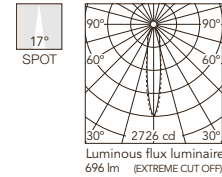
■ 03.4176.BU



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2612	0.32
2	653	0.64
3	290	0.96
4	163	1.28
5	104	1.60

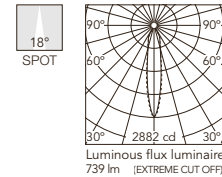
■ 03.4176.74



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2726	0.30
2	681	0.60
3	303	0.90
4	170	1.20
5	109	1.50

■ 03.4176.CU

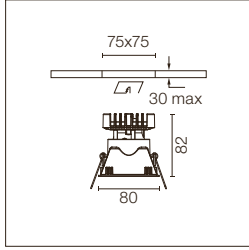


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2882	0.31
2	720	0.62
3	320	0.94
4	180	1.25
5	115	1.56

Easy Kap 80 Square Fixed - Optic Spot - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWT 850°
 LED INCL
 0,24 Kg
 IP 54
 CE
 F
 h=93 mm

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

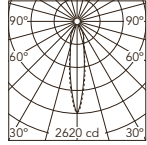
Cadre de montage non nécessaire.

Installation frame not necessary.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4176.B1.LE

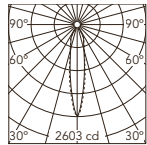


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2620	0.32
2	655	0.64
3	291	0.96
4	164	1.28
5	105	1.60

Luminous flux luminaire 753 lm (EXTREME CUT OFF)

03.4176.GL.LE

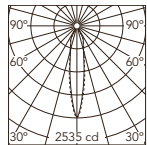


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2603	0.32
2	651	0.64
3	289	0.96
4	163	1.28
5	104	1.60

Luminous flux luminaire 719 lm (EXTREME CUT OFF)

03.4176.BU.LE

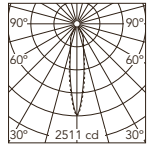


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2535	0.31
2	634	0.63
3	282	0.94
4	158	1.26
5	101	1.57

Luminous flux luminaire 676 lm (EXTREME CUT OFF)

03.4176.74.LE

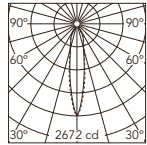


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2511	0.31
2	628	0.63
3	279	0.94
4	157	1.25
5	100	1.57

Luminous flux luminaire 667 lm (EXTREME CUT OFF)

03.4176.CU.LE



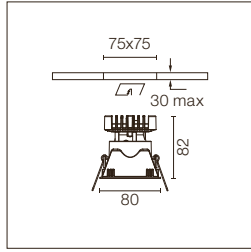
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2672	0.32
2	668	0.64
3	297	0.96
4	167	1.29
5	107	1.61

Luminous flux luminaire 715 lm (EXTREME CUT OFF)

Easy Kap 80 Square Fixed - Optic Medium

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



GWT 850°
 IP 54
 0,24 Kg
 CE
 LED INCL
 Dimmable
 III

Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

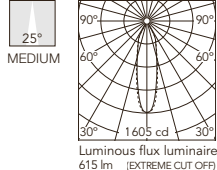
Diffuseur inclus.

Diffusing lens included.

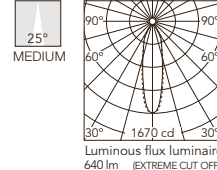
Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

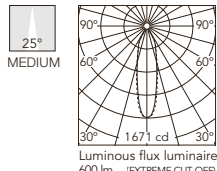
2700K
□ 03.4195.B1



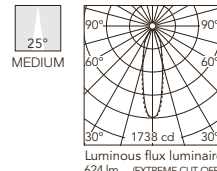
3000K
□ 03.4194.B1



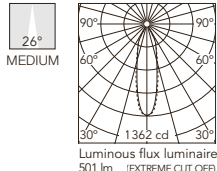
■ 03.4195.GL



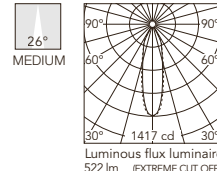
■ 03.4194.GL



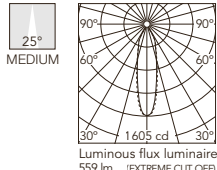
■ 03.4195.BU



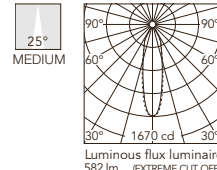
■ 03.4194.BU



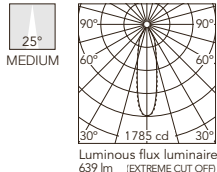
■ 03.4195.74



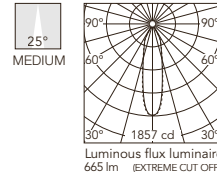
■ 03.4194.74



■ 03.4195.CU

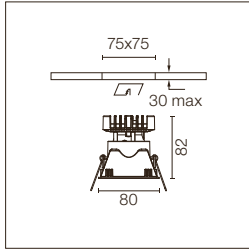


■ 03.4194.CU



Easy Kap 80 Square Fixed - Optic Medium - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWT 850°
 LED INCL
 0,24 Kg
 IP 54
 CE
 F
 h=93 min

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

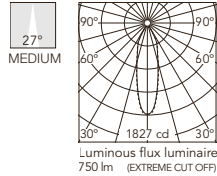
Cadre de montage non nécessaire.

Installation frame not necessary.

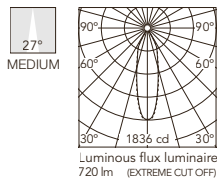
Diffuseur inclus.

Diffusing lens included.

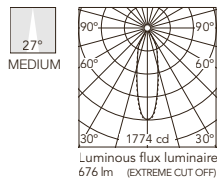
2850K-1800K
 03.4194.B1.LE



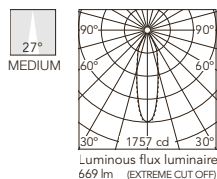
03.4194.GL.LE



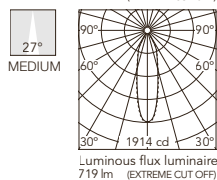
03.4194.BU.LE



03.4194.74.LE

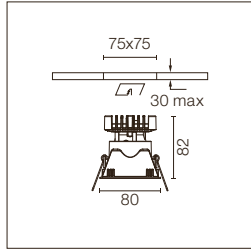


03.4194.CU.LE



Easy Kap 80 Square Fixed - Optic Flood

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

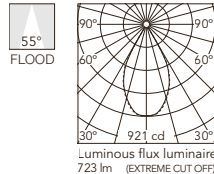
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

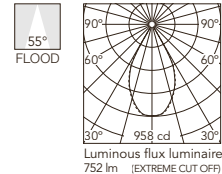
2700K
□ 03.4179.B1



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	921	1.03
2	230	2.07
3	102	3.10
4	58	4.14
5	37	5.17

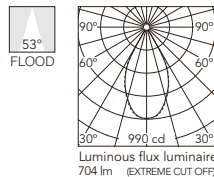
3000K
□ 03.4178.B1



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	958	1.03
2	240	2.07
3	106	3.10
4	60	4.14
5	38	5.17

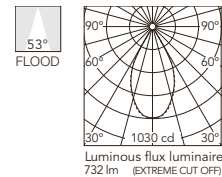
■ 03.4179.GL



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	990	1.00
2	248	2.00
3	110	3.00
4	62	4.00
5	40	5.01

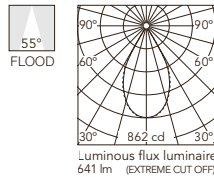
■ 03.4178.GL



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	1030	1.00
2	258	2.00
3	114	3.00
4	64	4.00
5	41	5.01

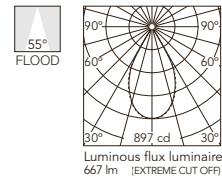
■ 03.4179.BU



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	862	1.04
2	216	2.09
3	96	3.13
4	54	4.18
5	34	5.22

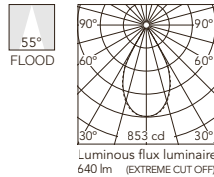
■ 03.4178.BU



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	897	1.04
2	224	2.09
3	100	3.13
4	56	4.18
5	36	5.22

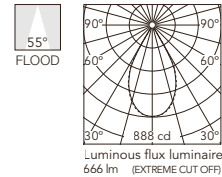
■ 03.4179.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	853	1.05
2	213	2.10
3	95	3.16
4	53	4.21
5	34	5.26

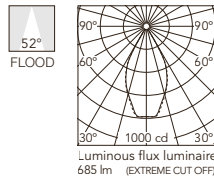
■ 03.4178.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	888	1.05
2	222	2.10
3	99	3.16
4	55	4.21
5	36	5.26

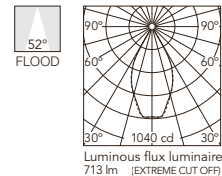
■ 03.4179.CU



Beam Angle: 52°

h(m)	E(lx)	D(m)
1	1000	0.97
2	250	1.93
3	111	2.90
4	63	3.87
5	40	4.84

■ 03.4178.CU

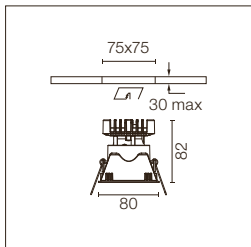


Beam Angle: 52°

h(m)	E(lx)	D(m)
1	1040	0.97
2	260	1.93
3	116	2.90
4	65	3.87
5	42	4.84

Easy Kap 80 Square Fixed - Optic Flood - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



GWT 850°
 LED INCL
 0,24 Kg
 IP 54
 CE
 F
 h=93 mm

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

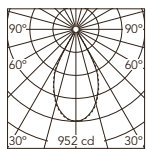
Cadre de montage non nécessaire.

Installation frame not necessary.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4178.B1.LE

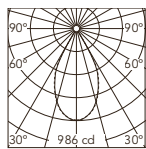


Luminous flux luminaire 736 lm (EXTREME CUT OFF)

Beam Angle: 54°

h(m)	E(lx)	D(m)
1	952	1.02
2	238	2.04
3	106	3.06
4	59	4.08
5	38	5.10

03.4178.GL.LE

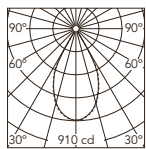


Luminous flux luminaire 715 lm (EXTREME CUT OFF)

Beam Angle: 53°

h(m)	E(lx)	D(m)
1	986	1.00
2	247	2.01
3	110	3.01
4	62	4.01
5	39	5.02

03.4178.BU.LE

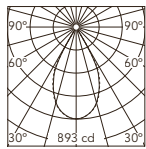


Luminous flux luminaire 661 lm (EXTREME CUT OFF)

Beam Angle: 54°

h(m)	E(lx)	D(m)
1	910	1.02
2	227	2.05
3	101	3.07
4	57	4.09
5	36	5.12

03.4178.74.LE

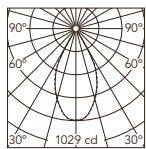


Luminous flux luminaire 659 lm (EXTREME CUT OFF)

Beam Angle: 54°

h(m)	E(lx)	D(m)
1	893	1.03
2	223	2.05
3	99	3.08
4	56	4.11
5	36	5.14

03.4178.CU.LE



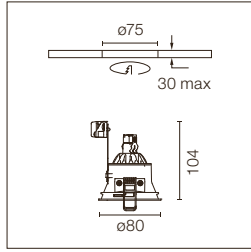
Luminous flux luminaire 703 lm (EXTREME CUT OFF)

Beam Angle: 52°

h(m)	E(lx)	D(m)
1	1029	0.97
2	257	1.94
3	114	2.92
4	64	3.89
5	41	4.86

Easy Kap Ø80 Fixed

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - max 8W



	GWT 850°	A*→E
	0,12 Kg	
	IP 23	
	h=130 min	

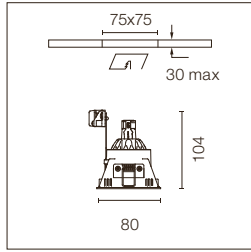
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus. Cadre de montage non nécessaire.

Recessed 12V halogen lamp luminaire. Remote transformer not included. Installation frame not necessary.

- 03.4210.B1
- 03.4210.GL
- 03.4210.BU
- 03.4210.74
- 03.4210.CU

Easy Kap 80 Square Fixed

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - max 8W



	GWT 850°	A*→E
	0,12 Kg	
	IP 23	
	h=130 min	

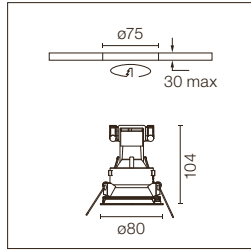
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus. Cadre de montage non nécessaire.

Recessed 12V halogen lamp luminaire. Remote transformer not included. Installation frame not necessary.

- 03.4208.B1
- 03.4208.GL
- 03.4208.BU
- 03.4208.74
- 03.4208.CU

Easy Kap Ø80 Fixed

Light Source: PAR 16 GZ10 - max 50W or LED PAR 16 GZ10 - max 8W



	GWT 850°	
	0,12 Kg	
	IP 23	
	h=155 min	

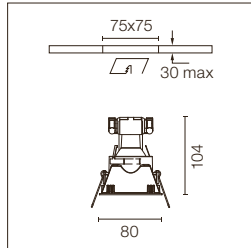
Appareil d'éclairage encastré à tension de réseau. Cadre de montage non nécessaire.

Recessed luminaire with main voltage source. Installation frame not necessary.

- 03.4211.B1
- 03.4211.GL
- 03.4211.BU
- 03.4211.74
- 03.4211.CU

Easy Kap 80 Square Fixed

Light Source: PAR 16 GZ10 - max 50W or LED PAR 16 GZ10 - max 8W



	GWT 850°	
	0,12 Kg	
	IP 23	
	h=155 min	

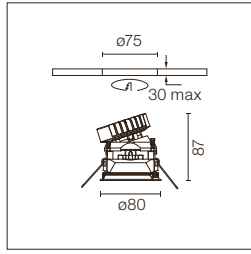
Appareil d'éclairage encastré à tension de réseau. Cadre de montage non nécessaire.

Recessed luminaire with main voltage source. Installation frame not necessary.

- 03.4209.B1
- 03.4209.GL
- 03.4209.BU
- 03.4209.74
- 03.4209.CU

Easy Kap Ø80 Adjustable - Optic Spot

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

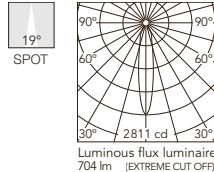
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
 Non Dimmable
 Dimmable 1-10V
 Dimmable Dali
 Mains Dimming

Recommended power supply:
 60.8880
 60.8533
 60.8847
 60.8534

2700K
 03.4153.B1

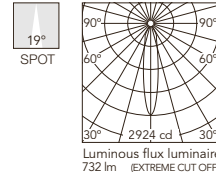


Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2811	0.33
2	703	0.66
3	312	0.99
4	176	1.33
5	112	1.66

Luminous flux luminaire
704 lm (EXTREME CUT OFF)

3000K
 03.4170.B1

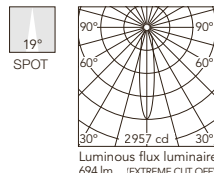


Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2924	0.33
2	731	0.66
3	325	0.99
4	183	1.33
5	117	1.66

Luminous flux luminaire
732 lm (EXTREME CUT OFF)

03.4153.GL

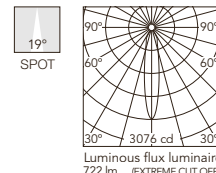


Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2957	0.33
2	739	0.66
3	329	0.99
4	185	1.32
5	118	1.65

Luminous flux luminaire
694 lm (EXTREME CUT OFF)

03.4170.GL

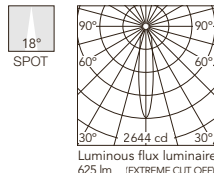


Beam Angle: 19°

h(m)	E(lx)	D(m)
1	3076	0.33
2	769	0.66
3	342	0.99
4	192	1.32
5	123	1.65

Luminous flux luminaire
722 lm (EXTREME CUT OFF)

03.4153.BU

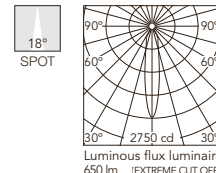


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2644	0.32
2	661	0.65
3	294	0.97
4	165	1.30
5	106	1.62

Luminous flux luminaire
625 lm (EXTREME CUT OFF)

03.4170.BU

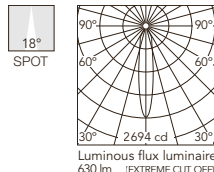


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2750	0.32
2	688	0.65
3	306	0.97
4	172	1.30
5	110	1.62

Luminous flux luminaire
650 lm (EXTREME CUT OFF)

03.4153.74

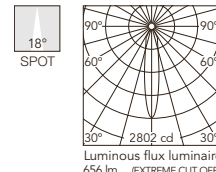


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2694	0.32
2	673	0.65
3	299	0.97
4	168	1.30
5	108	1.62

Luminous flux luminaire
630 lm (EXTREME CUT OFF)

03.4170.74

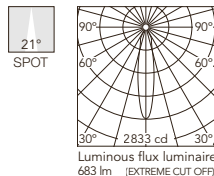


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2802	0.32
2	701	0.65
3	311	0.97
4	175	1.30
5	112	1.62

Luminous flux luminaire
656 lm (EXTREME CUT OFF)

03.4153.CU

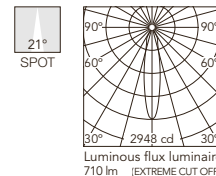


Beam Angle: 21°

h(m)	E(lx)	D(m)
1	2833	0.36
2	708	0.72
3	315	1.09
4	177	1.45
5	113	1.81

Luminous flux luminaire
683 lm (EXTREME CUT OFF)

03.4170.CU



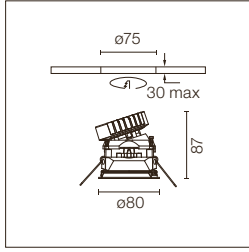
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	2948	0.36
2	737	0.72
3	328	1.09
4	184	1.45
5	118	1.81

Luminous flux luminaire
710 lm (EXTREME CUT OFF)

Easy Kap Ø80 Adjustable - Optic Spot - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise.
 Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included.
 For 110V PSU versions, please consult with the front office.

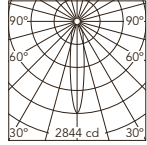
Cadre de montage non nécessaire.

Installation frame not necessary.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4170.B1.LE

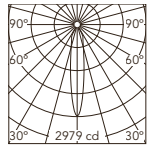


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2844	0.31
2	711	0.63
3	316	0.94
4	178	1.25
5	114	1.56

Luminous flux luminaire
716 lm (EXTREME CUT OFF)

03.4170.GL.LE

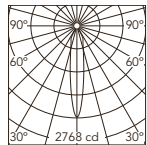


Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2979	0.30
2	745	0.61
3	331	0.91
4	186	1.21
5	119	1.52

Luminous flux luminaire
684 lm (EXTREME CUT OFF)

03.4170.BU.LE

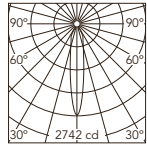


Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2768	0.31
2	692	0.61
3	308	0.92
4	173	1.22
5	111	1.53

Luminous flux luminaire
639 lm (EXTREME CUT OFF)

03.4170.74.LE

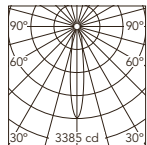


Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2742	0.31
2	686	0.61
3	305	0.92
4	171	1.22
5	110	1.53

Luminous flux luminaire
629 lm (EXTREME CUT OFF)

03.4170.CU.LE



Beam Angle: 17°

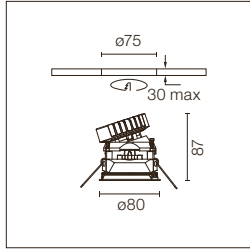
h(m)	E(lx)	D(m)
1	3385	0.30
2	846	0.60
3	376	0.90
4	212	1.20
5	135	1.50

Luminous flux luminaire
680 lm (EXTREME CUT OFF)

KAP

Easy Kap Ø80 Adjustable - Optic Medium

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

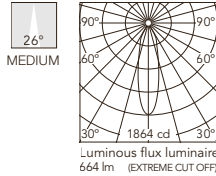
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

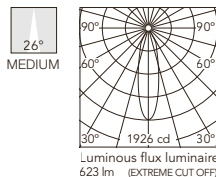
2700K
□ 03.4155.B1



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1864	0.47
2	466	0.93
3	207	1.40
4	116	1.87
5	75	2.33

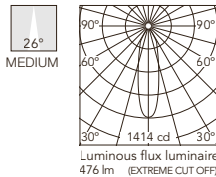
■ 03.4155.GL



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1926	0.46
2	481	0.93
3	214	1.39
4	120	1.85
5	77	2.32

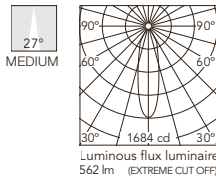
■ 03.4155.BU



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1414	0.47
2	353	0.94
3	157	1.40
4	88	1.87
5	57	2.34

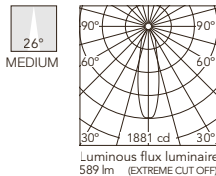
■ 03.4155.74



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1684	0.47
2	421	0.95
3	187	1.42
4	105	1.89
5	67	2.37

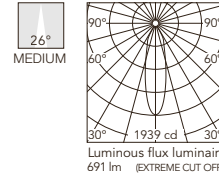
■ 03.4155.CU



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1881	0.47
2	470	0.93
3	209	1.40
4	118	1.86
5	75	2.33

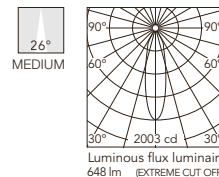
3000K
□ 03.4171.B1



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1939	0.47
2	485	0.93
3	215	1.40
4	121	1.87
5	78	2.33

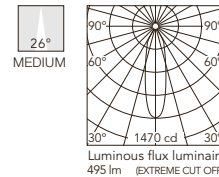
■ 03.4171.GL



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	2003	0.46
2	501	0.93
3	223	1.39
4	125	1.85
5	80	2.32

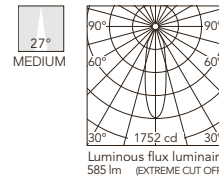
■ 03.4171.BU



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1470	0.47
2	368	0.94
3	163	1.40
4	92	1.87
5	59	2.34

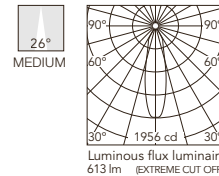
■ 03.4171.74



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1752	0.47
2	438	0.95
3	195	1.42
4	109	1.89
5	70	2.37

■ 03.4171.CU

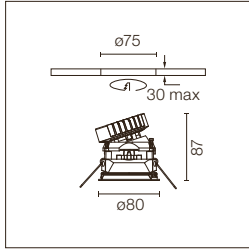


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1956	0.47
2	489	0.93
3	217	1.40
4	122	1.86
5	78	2.33

Easy Kap Ø80 Adjustable - Optic Medium - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

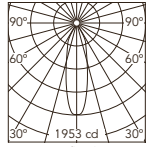
Cadre de montage non nécessaire.

Installation frame not necessary.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4171.B1.LE

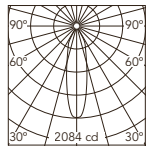


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1953	0.48
2	488	0.97
3	217	1.45
4	122	1.94
5	78	2.42

Luminous flux luminaire 722 lm (EXTREME CUT OFF)

03.4171.GL.LE

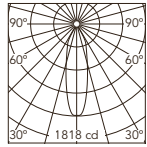


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	2084	0.46
2	521	0.92
3	232	1.38
4	130	1.85
5	83	2.31

Luminous flux luminaire 695 lm (EXTREME CUT OFF)

03.4171.BU.LE

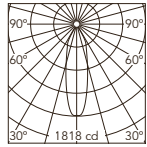


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1818	0.49
2	454	0.98
3	202	1.47
4	114	1.96
5	73	2.45

Luminous flux luminaire 630 lm (EXTREME CUT OFF)

03.4171.74.LE

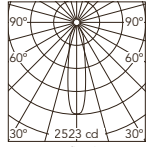


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1818	0.49
2	455	0.99
3	202	1.48
4	114	1.97
5	73	2.46

Luminous flux luminaire 631 lm (EXTREME CUT OFF)

03.4171.CU.LE



Beam Angle: 22°

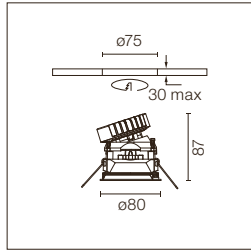
h(m)	E(lx)	D(m)
1	2523	0.39
2	631	0.78
3	280	1.17
4	158	1.56
5	101	1.95

Luminous flux luminaire 683 lm (EXTREME CUT OFF)

KAP

Easy Kap Ø80 Adjustable - Optic Flood

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

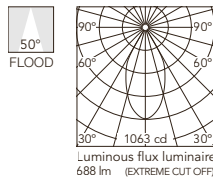
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

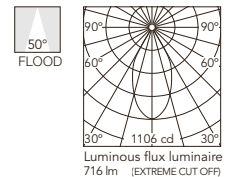
2700K
□ 03.4157.B1



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1063	0.94
2	266	1.89
3	118	2.83
4	66	3.77
5	43	4.71

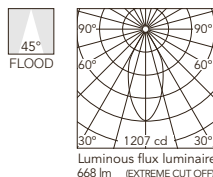
3000K
□ 03.4172.B1



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1106	0.94
2	276	1.89
3	123	2.83
4	69	3.77
5	44	4.71

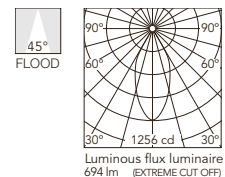
■ 03.4157.GL



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1207	0.83
2	302	1.67
3	134	2.50
4	75	3.34
5	48	4.17

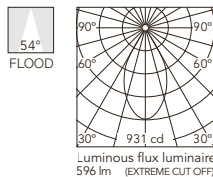
■ 03.4172.GL



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1256	0.83
2	314	1.67
3	140	2.50
4	78	3.34
5	50	4.17

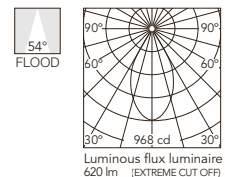
■ 03.4157.BU



Beam Angle: 54°

h(m)	E(lx)	D(m)
1	931	1.01
2	233	2.03
3	103	3.04
4	58	4.05
5	37	5.07

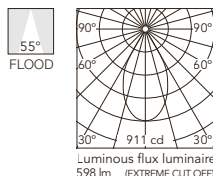
■ 03.4172.BU



Beam Angle: 54°

h(m)	E(lx)	D(m)
1	968	1.01
2	242	2.03
3	108	3.04
4	61	4.05
5	39	5.07

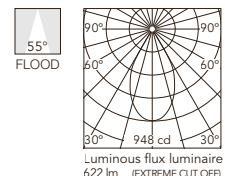
■ 03.4157.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	911	1.04
2	228	2.08
3	101	3.12
4	57	4.16
5	36	5.20

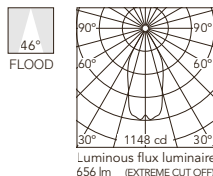
■ 03.4172.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	948	1.04
2	237	2.08
3	105	3.12
4	59	4.16
5	38	5.20

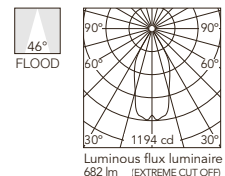
■ 03.4157.CU



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1148	0.85
2	287	1.70
3	128	2.55
4	72	3.40
5	46	4.26

■ 03.4172.CU

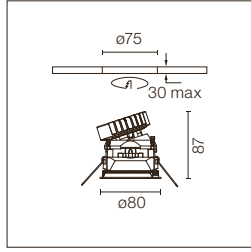


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1194	0.85
2	298	1.70
3	133	2.55
4	75	3.40
5	48	4.26

Easy Kap Ø80 Adjustable - Optic Flood - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

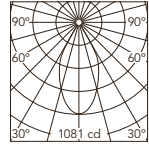
Cadre de montage non nécessaire.

Installation frame not necessary.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4172.B1.LE

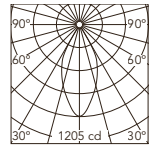


Beam Angle: 51°

h(m)	E(lx)	D(m)
1	1081	0.94
2	270	1.89
3	120	2.83
4	68	3.78
5	43	4.72

Luminous flux luminaire 707 lm (EXTREME CUT OFF)

03.4172.GL.LE

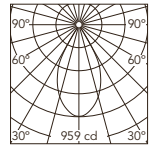


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1205	0.85
2	301	1.71
3	134	2.56
4	75	3.41
5	48	4.26

Luminous flux luminaire 677 lm (EXTREME CUT OFF)

03.4172.BU.LE

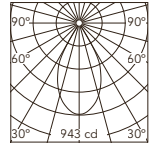


Beam Angle: 54°

h(m)	E(lx)	D(m)
1	959	1.01
2	240	2.02
3	107	3.03
4	60	4.04
5	38	5.05

Luminous flux luminaire 619 lm (EXTREME CUT OFF)

03.4172.74.LE

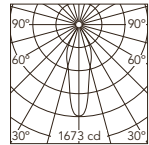


Beam Angle: 54°

h(m)	E(lx)	D(m)
1	943	1.01
2	236	2.03
3	105	3.04
4	59	4.06
5	38	5.07

Luminous flux luminaire 608 lm (EXTREME CUT OFF)

03.4172.CU.LE



Beam Angle: 27°

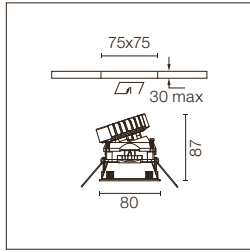
h(m)	E(lx)	D(m)
1	1673	0.49
2	418	0.97
3	186	1.46
4	105	1.94
5	67	2.43

Luminous flux luminaire 663 lm (EXTREME CUT OFF)

K A P

Easy Kap 80 Square Adjustable - Optic Spot

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

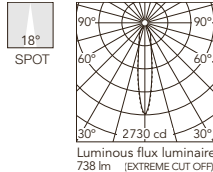
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

2700K
03.4294.B1

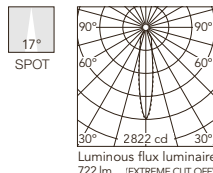


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2730	0.31
2	682	0.62
3	303	0.93
4	171	1.24
5	109	1.55

Luminous flux luminaire
738 lm (EXTREME CUT OFF)

03.4294.GL

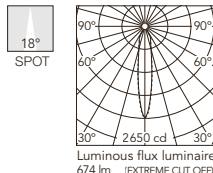


Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2822	0.31
2	706	0.62
3	314	0.92
4	176	1.23
5	113	1.54

Luminous flux luminaire
722 lm (EXTREME CUT OFF)

03.4294.BU

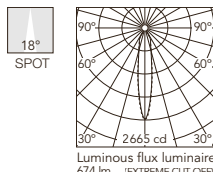


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2650	0.31
2	662	0.62
3	294	0.93
4	166	1.24
5	106	1.55

Luminous flux luminaire
674 lm (EXTREME CUT OFF)

03.4294.74

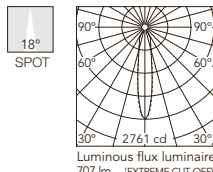


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2665	0.31
2	666	0.62
3	296	0.93
4	167	1.24
5	107	1.54

Luminous flux luminaire
674 lm (EXTREME CUT OFF)

03.4294.CU

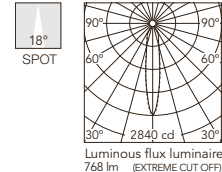


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2761	0.32
2	690	0.63
3	307	0.95
4	173	1.26
5	110	1.58

Luminous flux luminaire
707 lm (EXTREME CUT OFF)

3000K
03.4293.B1

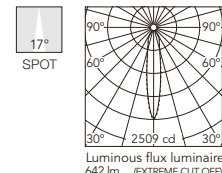


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2840	0.31
2	710	0.62
3	316	0.93
4	177	1.24
5	114	1.55

Luminous flux luminaire
768 lm (EXTREME CUT OFF)

03.4293.GL

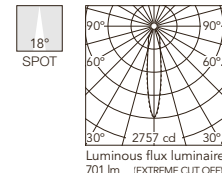


Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2509	0.31
2	627	0.62
3	279	0.92
4	157	1.23
5	100	1.54

Luminous flux luminaire
642 lm (EXTREME CUT OFF)

03.4293.BU

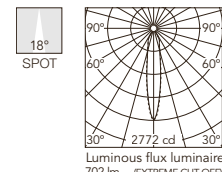


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2757	0.31
2	689	0.62
3	306	0.93
4	172	1.24
5	110	1.55

Luminous flux luminaire
701 lm (EXTREME CUT OFF)

03.4293.74

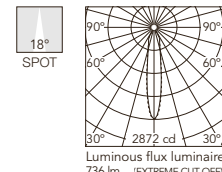


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2772	0.31
2	693	0.62
3	308	0.93
4	173	1.24
5	111	1.54

Luminous flux luminaire
702 lm (EXTREME CUT OFF)

03.4293.CU



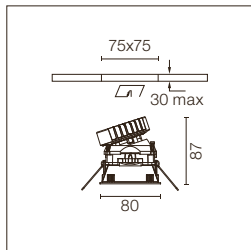
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2872	0.32
2	718	0.63
3	319	0.95
4	179	1.26
5	115	1.58

Luminous flux luminaire
736 lm (EXTREME CUT OFF)

Easy Kap 80 Square Adjustable - Optic Spot - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



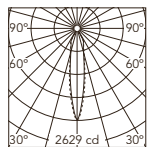
Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

Cadre de montage non nécessaire. Diffuseur inclus.

Installation frame not necessary. Diffusing lens included.

2850K-1800K
 03.4293.B1.LE

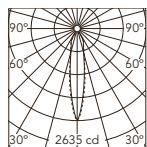


Beam Angle: 18°

h(m)	Et(°)	D(m)
1	2629	0.31
2	657	0.63
3	292	0.94
4	164	1.26
5	105	1.57

Luminous flux luminaire 754 lm (EXTREME CUT OFF)

03.4293.GL.LE

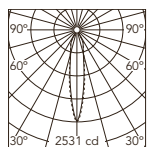


Beam Angle: 18°

h(m)	Et(°)	D(m)
1	2635	0.32
2	659	0.63
3	293	0.95
4	165	1.26
5	105	1.58

Luminous flux luminaire 728 lm (EXTREME CUT OFF)

03.4293.BU.LE

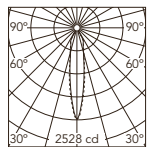


Beam Angle: 18°

h(m)	Et(°)	D(m)
1	2531	0.31
2	633	0.63
3	281	0.94
4	158	1.26
5	101	1.57

Luminous flux luminaire 684 lm (EXTREME CUT OFF)

03.4293.74.LE

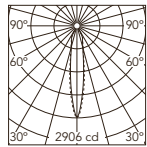


Beam Angle: 18°

h(m)	Et(°)	D(m)
1	2528	0.31
2	632	0.63
3	281	0.94
4	158	1.25
5	101	1.57

Luminous flux luminaire 685 lm (EXTREME CUT OFF)

03.4293.CU.LE



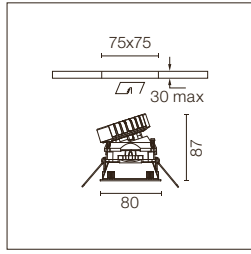
Beam Angle: 17°

h(m)	Et(°)	D(m)
1	2906	0.30
2	726	0.59
3	323	0.89
4	182	1.18
5	116	1.48

Luminous flux luminaire 721 lm (EXTREME CUT OFF)

Easy Kap 80 Square Adjustable - Optic Medium

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

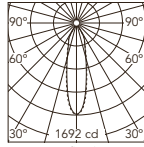
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

2700K
03.4201.B1

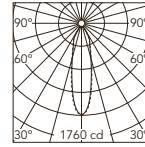


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1692	0.44
2	423	0.88
3	188	1.32
4	106	1.76
5	68	2.20

Luminous flux luminaire 630 lm (EXTREME CUT OFF)

3000K
03.4200.B1

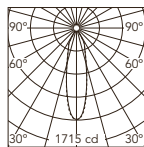


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1760	0.44
2	440	0.88
3	196	1.32
4	110	1.76
5	70	2.20

Luminous flux luminaire 656 lm (EXTREME CUT OFF)

03.4201.GL

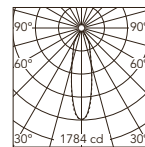


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1715	0.46
2	429	0.91
3	191	1.37
4	107	1.83
5	69	2.28

Luminous flux luminaire 609 lm (EXTREME CUT OFF)

03.4200.GL

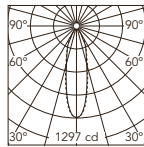


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1784	0.46
2	446	0.91
3	198	1.37
4	112	1.83
5	71	2.28

Luminous flux luminaire 634 lm (EXTREME CUT OFF)

03.4201.BU

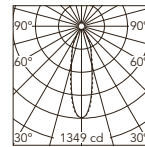


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1297	0.47
2	324	0.94
3	144	1.41
4	81	1.88
5	52	2.36

Luminous flux luminaire 492 lm (EXTREME CUT OFF)

03.4200.BU

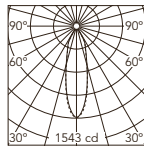


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1349	0.47
2	337	0.94
3	150	1.41
4	84	1.88
5	54	2.36

Luminous flux luminaire 512 lm (EXTREME CUT OFF)

03.4201.74

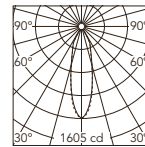


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1543	0.49
2	386	0.97
3	171	1.46
4	96	1.94
5	62	2.43

Luminous flux luminaire 571 lm (EXTREME CUT OFF)

03.4200.74

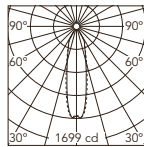


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1605	0.49
2	401	0.97
3	178	1.46
4	100	1.94
5	64	2.43

Luminous flux luminaire 594 lm (EXTREME CUT OFF)

03.4201.CU

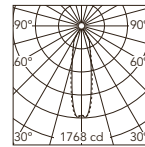


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1699	0.44
2	425	0.87
3	189	1.31
4	106	1.75
5	68	2.18

Luminous flux luminaire 619 lm (EXTREME CUT OFF)

03.4200.CU



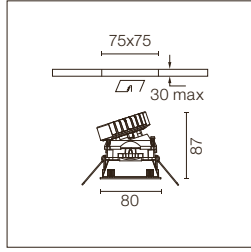
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1768	0.44
2	442	0.87
3	196	1.31
4	110	1.75
5	71	2.18

Luminous flux luminaire 643 lm (EXTREME CUT OFF)

Easy Kap 80 Square Adjustable - Optic Medium - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

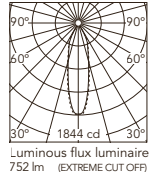
Cadre de montage non nécessaire.

Installation frame not necessary.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4200.B1.LE

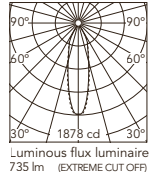


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1844	0.47
2	461	0.94
3	205	1.41
4	115	1.88
5	74	2.35

Luminous flux luminaire
 752 lm (EXTREME CUT OFF)

03.4200.GL.LE

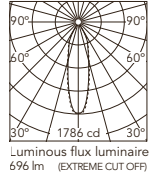


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1878	0.47
2	470	0.95
3	209	1.42
4	117	1.89
5	75	2.37

Luminous flux luminaire
 735 lm (EXTREME CUT OFF)

03.4200.BU.LE

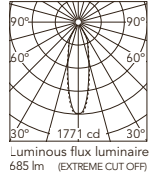


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1786	0.47
2	447	0.95
3	198	1.42
4	112	1.89
5	71	2.37

Luminous flux luminaire
 696 lm (EXTREME CUT OFF)

03.4200.74.LE

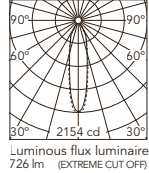


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1771	0.48
2	443	0.96
3	197	1.44
4	111	1.93
5	71	2.41

Luminous flux luminaire
 685 lm (EXTREME CUT OFF)

03.4200.CU.LE



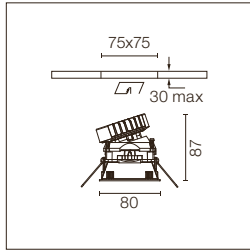
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2154	0.40
2	538	0.79
3	239	1.19
4	135	1.59
5	86	1.98

Luminous flux luminaire
 726 lm (EXTREME CUT OFF)

Easy Kap 80 Square Adjustable - Optic Flood

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

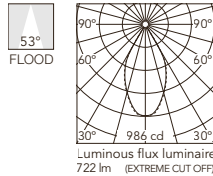
Diffuseur inclus.

Diffusing lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8533
60.8847
60.8534

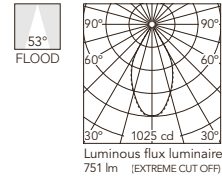
2700K
□ 03.4296.B1



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	986	0.99
2	246	1.98
3	110	2.98
4	62	3.97
5	39	4.96

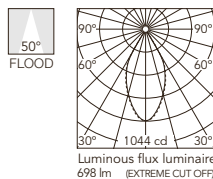
3000K
□ 03.4295.B1



Beam Angle: 53°

h(m)	E(lx)	D(m)
1	1025	0.99
2	256	1.98
3	114	2.98
4	64	3.97
5	41	4.96

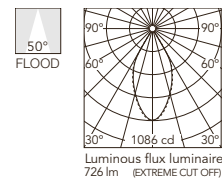
■ 03.4296.GL



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1044	0.93
2	261	1.86
3	116	2.79
4	65	3.72
5	42	4.65

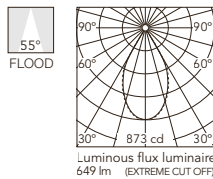
■ 03.4295.GL



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1086	0.93
2	272	1.86
3	121	2.79
4	68	3.72
5	43	4.65

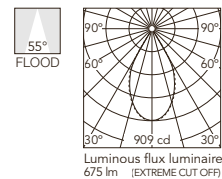
■ 03.4296.BU



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	873	1.05
2	218	2.09
3	97	3.14
4	55	4.19
5	35	5.23

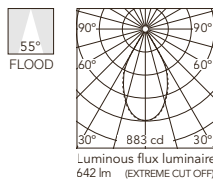
■ 03.4295.BU



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	909	1.05
2	227	2.09
3	101	3.14
4	57	4.19
5	36	5.23

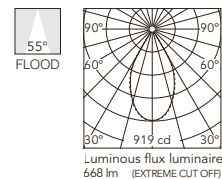
■ 03.4296.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	883	1.04
2	221	2.08
3	98	3.11
4	55	4.15
5	35	5.19

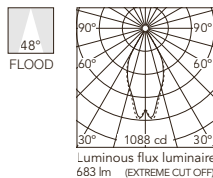
■ 03.4295.74



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	919	1.04
2	230	2.08
3	102	3.11
4	57	4.15
5	37	5.19

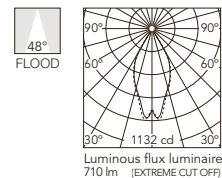
■ 03.4296.CU



Beam Angle: 48°

h(m)	E(lx)	D(m)
1	1088	0.88
2	272	1.77
3	121	2.65
4	68	3.53
5	44	4.42

■ 03.4295.CU

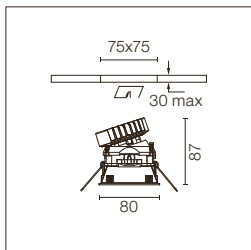


Beam Angle: 48°

h(m)	E(lx)	D(m)
1	1132	0.88
2	283	1.77
3	126	2.65
4	71	3.53
5	45	4.42

Easy Kap 80 Square Adjustable - Optic Flood - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise.

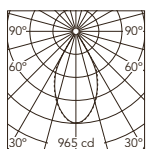
Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

Cadre de montage non nécessaire. Diffuseur inclus.

Installation frame not necessary. Diffusing lens included.

2850K-1800K
03.4295.B1.LE

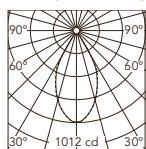


Beam Angle: 53°

h(m)	E(lx)	D(m)
1	965	1.01
2	241	2.01
3	107	3.02
4	60	4.03
5	39	5.03

Luminous flux luminaire 732 lm (EXTREME CUT OFF)

03.4295.GL.LE

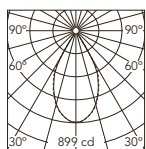


Beam Angle: 53°

h(m)	E(lx)	D(m)
1	1012	0.99
2	253	1.98
3	112	2.97
4	63	3.96
5	40	4.95

Luminous flux luminaire 720 lm (EXTREME CUT OFF)

03.4295.BU.LE

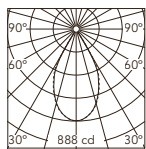


Beam Angle: 55°

h(m)	E(lx)	D(m)
1	899	1.04
2	225	2.08
3	100	3.12
4	56	4.16
5	36	5.21

Luminous flux luminaire 669 lm (EXTREME CUT OFF)

03.4295.74.LE

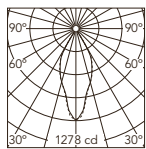


Beam Angle: 55°

h(m)	E(lx)	D(m)
1	888	1.04
2	222	2.07
3	99	3.11
4	55	4.15
5	36	5.18

Luminous flux luminaire 660 lm (EXTREME CUT OFF)

03.4295.CU.LE



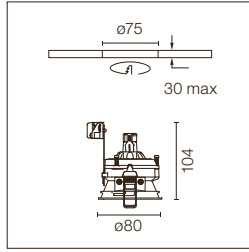
Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1278	0.75
2	319	1.50
3	142	2.25
4	80	3.00
5	51	3.75

Luminous flux luminaire 707 lm (EXTREME CUT OFF)

Easy Kap Ø80 Adjustable

Light Source: LED QR-CBC 51 GX5.3 - max 8W



h=130 min

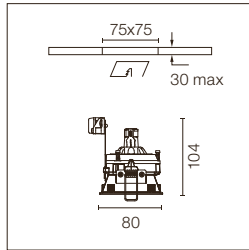
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus. Cadre de montage non nécessaire.

Recessed 12V halogen lamp luminaire. Remote transformer not included. Installation frame not necessary.

- 03.4160.B1
- 03.4160.GL
- 03.4160.BU
- 03.4160.74
- 03.4160.CU

Easy Kap 80 Square Adjustable

Light Source: LED QR-CBC 51 GX5.3 - max 8W



h=130 min

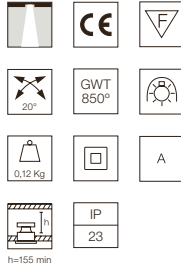
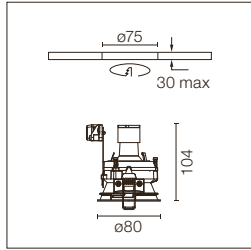
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus. Cadre de montage non nécessaire.

Recessed 12V halogen lamp luminaire. Remote transformer not included. Installation frame not necessary.

- 03.4212.B1
- 03.4212.GL
- 03.4212.BU
- 03.4212.74
- 03.4212.CU

Easy Kap Ø80 Adjustable

Light Source: LED PAR 16 GZ10 - max 8W



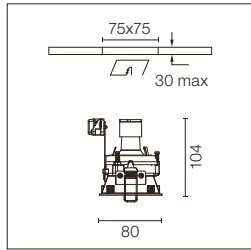
Appareil d'éclairage encastré à tension de réseau. Cadre de montage non nécessaire.

Recessed luminaire with main voltage source. Installation frame not necessary.

- 03.4162.B1
- 03.4162.GL
- 03.4162.BU
- 03.4162.74
- 03.4162.CU

Easy Kap 80 Square Adjustable

Light Source: LED PAR 16 GZ10 - max 8W



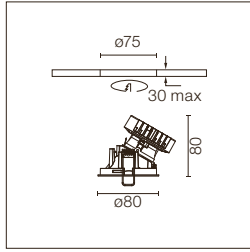
Appareil d'éclairage encastré à tension de réseau. Cadre de montage non nécessaire.

Recessed luminaire with main voltage source. Installation frame not necessary.

- 03.4213.B1
- 03.4213.GL
- 03.4213.BU
- 03.4213.74
- 03.4213.CU

Easy Kap Ø80 Wall-Washer

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

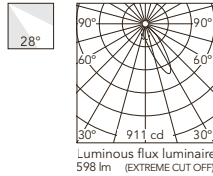
Lentille elliptique incluse.

Elliptical lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

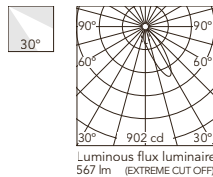
Recommended power supply:
60.8880
60.8533
60.8847
60.8534

2700K
□ 03.4197.B1



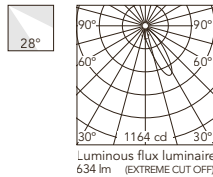
Beam Angle: 28°
h(m) E(lx) D(m)
1 911 0.62
2 228 1.24
3 101 1.87
4 57 2.49
5 36 3.11

■ 03.4197.GL



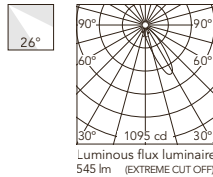
Beam Angle: 30°
h(m) E(lx) D(m)
1 902 0.67
2 226 1.33
3 100 2.00
4 56 2.67
5 36 3.33

■ 03.4197.BU



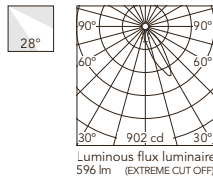
Beam Angle: 28°
h(m) E(lx) D(m)
1 1164 0.64
2 291 1.28
3 129 1.91
4 73 2.55
5 47 3.19

■ 03.4197.74



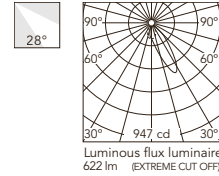
Beam Angle: 26°
h(m) E(lx) D(m)
1 1095 0.59
2 274 1.19
3 122 1.78
4 68 2.37
5 44 2.97

■ 03.4197.CU



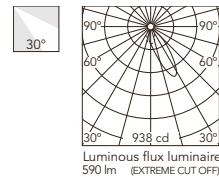
Beam Angle: 28°
h(m) E(lx) D(m)
1 902 0.64
2 226 1.27
3 100 1.91
4 56 2.55
5 36 3.19

3000K
□ 03.4196.B1



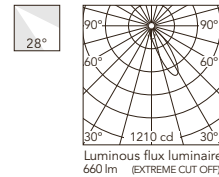
Beam Angle: 28°
h(m) E(lx) D(m)
1 947 0.62
2 237 1.24
3 105 1.87
4 59 2.49
5 38 3.11

■ 03.4196.GL



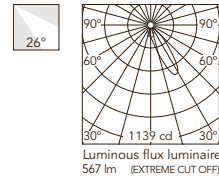
Beam Angle: 30°
h(m) E(lx) D(m)
1 938 0.67
2 235 1.33
3 104 2.00
4 59 2.67
5 38 3.33

■ 03.4196.BU



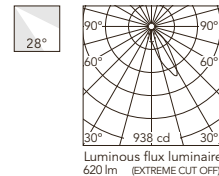
Beam Angle: 28°
h(m) E(lx) D(m)
1 1210 0.64
2 303 1.28
3 134 1.91
4 76 2.55
5 48 3.19

■ 03.4196.74



Beam Angle: 26°
h(m) E(lx) D(m)
1 1139 0.59
2 285 1.19
3 127 1.78
4 71 2.37
5 46 2.97

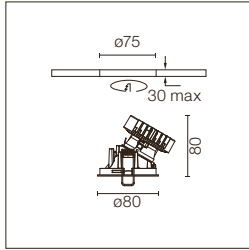
■ 03.4196.CU



Beam Angle: 28°
h(m) E(lx) D(m)
1 938 0.64
2 235 1.27
3 104 1.91
4 59 2.55
5 38 3.19

Easy Kap Ø80 Wall-Washer - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



0,24 Kg
 GWGT 850°
 LED INCL

 h=81 min
 IP 54

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

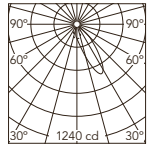
Cadre de montage non nécessaire.

Installation frame not necessary.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4196.B1.LE

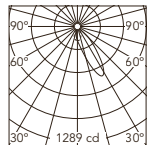


Luminous flux luminaire
770 lm (EXTREME CUT OFF)

Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1240	0.64
2	310	1.29
3	138	1.93
4	78	2.58
5	50	3.22

03.4196.GL.LE

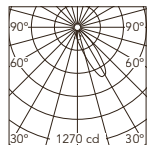


Luminous flux luminaire
718 lm (EXTREME CUT OFF)

Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1289	0.63
2	322	1.25
3	143	1.88
4	81	2.50
5	52	3.13

03.4196.BU.LE

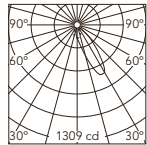


Luminous flux luminaire
672 lm (EXTREME CUT OFF)

Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1270	0.65
2	317	1.30
3	141	1.96
4	79	2.61
5	51	3.26

03.4196.74.LE

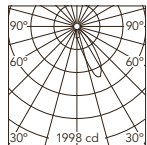


Luminous flux luminaire
682 lm (EXTREME CUT OFF)

Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1309	0.64
2	327	1.28
3	145	1.92
4	82	2.56
5	52	3.20

03.4196.CU.LE



Luminous flux luminaire
712 lm (EXTREME CUT OFF)

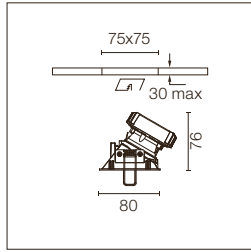
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1998	0.60
2	500	1.20
3	222	1.80
4	125	2.40
5	80	3.00

KAP

Easy Kap 80 Square Wall-Washer

Light Source: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

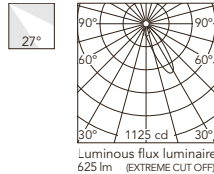
Lentille elliptique incluse.

Elliptical lens included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

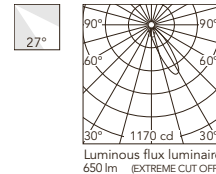
Recommended power supply:
60.8880
60.8533
60.8847
60.8534

2700K
□ 03.4199.B1



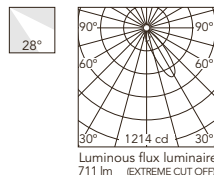
Beam Angle: 27°	h(m)	E(lx)	D(m)
1	1.125	0.62	
2	2.81	1.24	
3	1.25	1.85	
4	70	2.47	
5	45	3.09	

3000K
□ 03.4198.B1



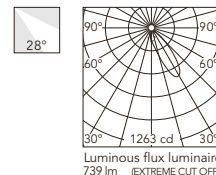
Beam Angle: 27°	h(m)	E(lx)	D(m)
1	1.170	0.62	
2	2.92	1.24	
3	1.30	1.85	
4	73	2.47	
5	47	3.09	

■ 03.4199.GL



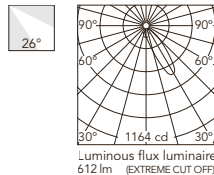
Beam Angle: 28°	h(m)	E(lx)	D(m)
1	1.214	0.68	
2	304	1.36	
3	135	2.04	
4	76	2.72	
5	49	3.40	

■ 03.4198.GL



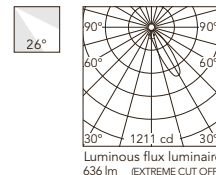
Beam Angle: 28°	h(m)	E(lx)	D(m)
1	1.263	0.68	
2	316	1.36	
3	140	2.04	
4	79	2.72	
5	51	3.40	

■ 03.4199.BU



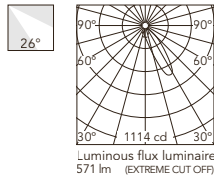
Beam Angle: 26°	h(m)	E(lx)	D(m)
1	1.164	0.63	
2	291	1.25	
3	129	1.88	
4	73	2.51	
5	47	3.14	

■ 03.4198.BU



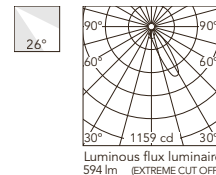
Beam Angle: 26°	h(m)	E(lx)	D(m)
1	1.211	0.63	
2	303	1.25	
3	135	1.88	
4	76	2.51	
5	48	3.14	

■ 03.4199.74



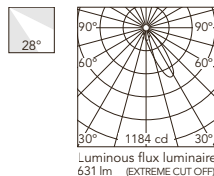
Beam Angle: 26°	h(m)	E(lx)	D(m)
1	1.114	0.59	
2	279	1.19	
3	124	1.78	
4	70	2.37	
5	45	2.97	

■ 03.4198.74



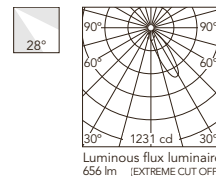
Beam Angle: 26°	h(m)	E(lx)	D(m)
1	1.159	0.59	
2	290	1.19	
3	129	1.78	
4	72	2.37	
5	46	2.97	

■ 03.4199.CU



Beam Angle: 28°	h(m)	E(lx)	D(m)
1	1.184	0.64	
2	296	1.29	
3	132	1.93	
4	74	2.57	
5	47	3.21	

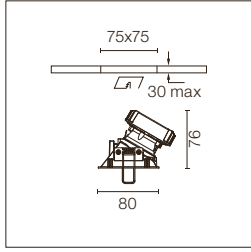
■ 03.4198.CU



Beam Angle: 28°	h(m)	E(lx)	D(m)
1	1.231	0.64	
2	308	1.29	
3	137	1.93	
4	77	2.57	
5	49	3.21	

Easy Kap 80 Square Wall-Washer - Dim-To-Warm

Light Source: LED Array 13W - 2850K-1800K/CRI 95 - Dim-To-Warm



0,24 Kg

 h=81 min

Appareil d'éclairage encastré à LED. Alimentation 220-240V et dimmable 1-10V comprise. Pour des versions avec des équipements 110V, merci de demander au Front Office.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office.

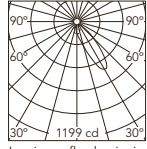
Cadre de montage non nécessaire.

Installation frame not necessary.

Diffuseur inclus.

Diffusing lens included.

2850K-1800K
 03.4198.B1.LE

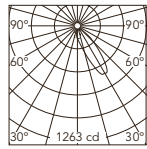


Luminous flux luminaire
723 lm (EXTREME CUT OFF)

Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1199	0.68
2	300	1.37
3	133	2.05
4	75	2.74
5	48	3.42

03.4198.GL.LE

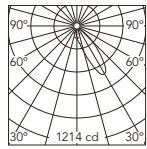


Luminous flux luminaire
721 lm (EXTREME CUT OFF)

Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1263	0.69
2	316	1.38
3	140	2.07
4	79	2.75
5	51	3.44

03.4198.BU.LE

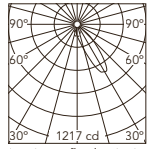


Luminous flux luminaire
632 lm (EXTREME CUT OFF)

Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1214	0.68
2	304	1.35
3	135	2.03
4	76	2.71
5	49	3.39

03.4198.74.LE

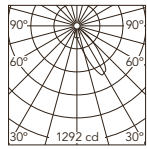


Luminous flux luminaire
695 lm (EXTREME CUT OFF)

Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1217	0.66
2	304	1.33
3	135	1.99
4	76	2.66
5	49	3.32

03.4198.CU.LE



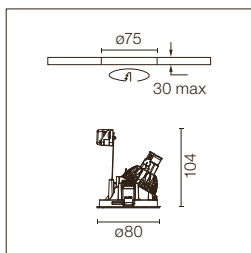
Luminous flux luminaire
735 lm (EXTREME CUT OFF)

Beam Angle: 29°

h(m)	E(lx)	D(m)
1	1292	0.70
2	323	1.40
3	144	2.10
4	81	2.80
5	52	3.50

Easy Kap Ø80 Wall-Washer

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - max 8W



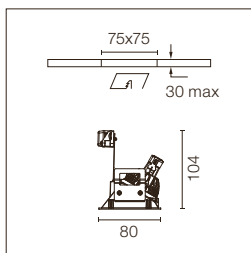
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus. Cadre de montage non nécessaire.

Recessed 12V halogen lamp luminaire. Remote transformer not included. Installation frame not necessary.

- 03.4220.B1
- 03.4220.GL
- 03.4220.BU
- 03.4220.74
- 03.4220.CU

Easy Kap 80 Square Wall-Washer

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - max 8W



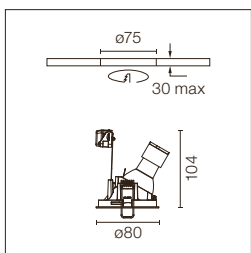
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus. Cadre de montage non nécessaire.

Recessed 12V halogen lamp luminaire. Remote transformer not included. Installation frame not necessary.

- 03.4218.B1
- 03.4218.GL
- 03.4218.BU
- 03.4218.74
- 03.4218.CU

Easy Kap Ø80 Wall-Washer

Light Source: PAR 16 GZ10 - max 50W - or - LED PAR 16 GZ10 - max 8W



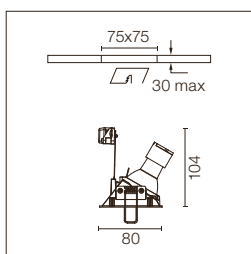
Appareil d'éclairage encastré à tension de réseau. Cadre de montage non nécessaire.

Recessed luminaire with main voltage source. Installation frame not necessary.

- 03.4221.B1
- 03.4221.GL
- 03.4221.BU
- 03.4221.74
- 03.4221.CU

Easy Kap 80 Square Wall-Washer

Light Source: PAR 16 GZ10 - max 50W - or - LED PAR 16 GZ10 - max 8W



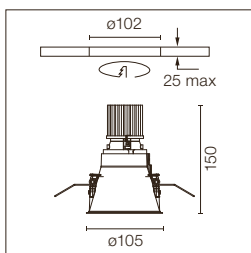
Appareil d'éclairage encastré à tension de réseau. Cadre de montage non nécessaire.

Recessed luminaire with main voltage source. Installation frame not necessary.

- 03.4219.B1
- 03.4219.GL
- 03.4219.BU
- 03.4219.74
- 03.4219.CU

Easy Kap Ø105 Fixed

Light Source: LED Array DC 500 mA - 9,2W - 698 lm - 2700K/CRI 90 / 9,2W - 810 lm - 3000K/CRI 90



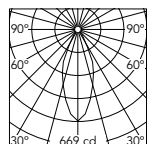
Appareil d'éclairage encastré à LED.
Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8650
60.8533
60.8530
60.8534

2700K
03.4492.B1B

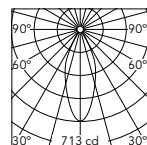


Beam Angle: 40°

h(m)	Et(x)	D(m)
1	669	0.73
2	167	1.47
3	74	2.20
4	42	2.93
5	27	3.67

Luminous flux luminaire 418 lm (EXTREME CUT OFF)

03.4492.GLB

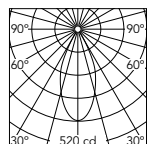


Beam Angle: 39°

h(m)	Et(x)	D(m)
1	713	0.72
2	178	1.43
3	79	2.15
4	45	2.86
5	29	3.58

Luminous flux luminaire 388 lm (EXTREME CUT OFF)

03.4492.BUB

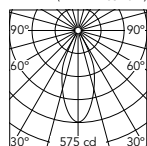


Beam Angle: 45°

h(m)	Et(x)	D(m)
1	520	0.83
2	130	1.66
3	58	2.49
4	32	3.32
5	21	4.15

Luminous flux luminaire 290 lm (EXTREME CUT OFF)

03.4492.74B

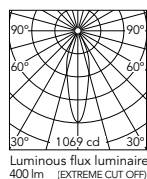


Beam Angle: 42°

h(m)	Et(x)	D(m)
1	575	0.76
2	144	1.53
3	64	2.29
4	36	3.05
5	23	3.82

Luminous flux luminaire 293 lm (EXTREME CUT OFF)

03.4492.CUB

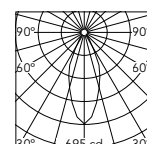


Beam Angle: 28°

h(m)	Et(x)	D(m)
1	1069	0.50
2	267	0.99
3	119	1.49
4	67	1.99
5	43	2.48

Luminous flux luminaire 400 lm (EXTREME CUT OFF)

3000K
03.4462.B1C

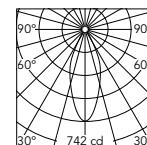


Beam Angle: 40°

h(m)	Et(x)	D(m)
1	695	0.73
2	174	1.47
3	77	2.20
4	43	2.93
5	28	3.67

Luminous flux luminaire 435 lm (EXTREME CUT OFF)

03.4462.GLC

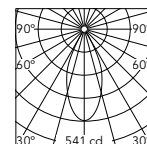


Beam Angle: 39°

h(m)	Et(x)	D(m)
1	742	0.72
2	185	1.43
3	82	2.15
4	46	2.86
5	30	3.58

Luminous flux luminaire 404 lm (EXTREME CUT OFF)

03.4462.BUC

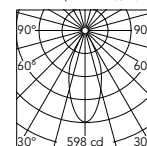


Beam Angle: 45°

h(m)	Et(x)	D(m)
1	541	0.83
2	135	1.66
3	60	2.49
4	34	3.32
5	22	4.15

Luminous flux luminaire 302 lm (EXTREME CUT OFF)

03.4462.74C

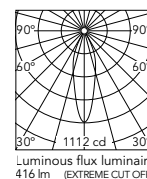


Beam Angle: 42°

h(m)	Et(x)	D(m)
1	598	0.76
2	150	1.53
3	66	2.29
4	37	3.05
5	24	3.82

Luminous flux luminaire 305 lm (EXTREME CUT OFF)

03.4462.CUC



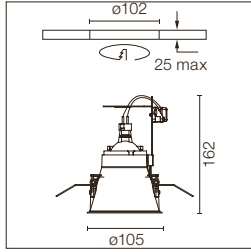
Beam Angle: 28°

h(m)	Et(x)	D(m)
1	1112	0.50
2	278	0.99
3	124	1.49
4	70	1.99
5	44	2.48

Luminous flux luminaire 416 lm (EXTREME CUT OFF)

Easy Kap Ø105 Fixed

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7W



	GWT 850°	A*→E
	0,12 Kg	
	0,37 Kg	IP 20

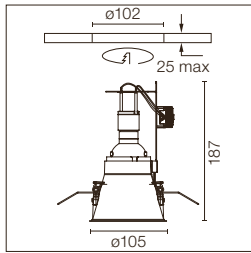
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus. Cadre de montage non nécessaire.

Recessed 12V halogen lamp luminaire. Remote transformer not included. Installation frame not necessary.

- 03.4450.B1A
- 03.4450.GLA
- 03.4450.BUA
- 03.4450.74A
- 03.4450.CUA

Easy Kap Ø105 Fixed

Light Source : HI PAR 51 GX10 - max 35W



	IP 20
GWT 850°	A

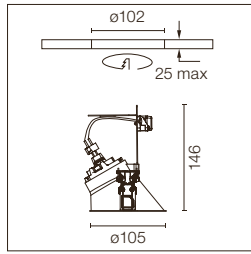
Appareil d'éclairage encastré pour lampe à halogénures métalliques. Ballast électronique non inclus. Cadre de montage non nécessaire.

Recessed metal halide lamp luminaire. Remote control gear not included. Installation frame not necessary.

- 03.4451.B1A
- 03.4451.GLA
- 03.4451.BUA
- 03.4451.74A
- 03.4451.CUA

Easy Kap Ø105 Wall-Washer

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7W



	GWT 850°	A*→E
	0,65 Kg	
	0,65 Kg	IP 20

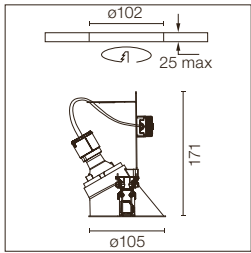
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus. Cadre de montage non nécessaire.

Recessed 12V halogen lamp luminaire. Remote transformer not included. Installation frame not necessary.

- 03.4455.B1A
- 03.4455.GLA
- 03.4455.BUA
- 03.4455.74A
- 03.4455.CUA

Easy Kap Ø105 Wall-Washer

Light Source : HI PAR 51 GX10 - max 35W



	GWT 850°	A
	0,65 Kg	
	0,65 Kg	IP 20

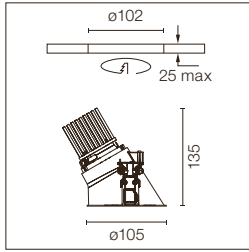
Appareil d'éclairage encastré pour lampe à halogénures métalliques. Ballast électronique non inclus. Cadre de montage non nécessaire.

Recessed metal halide lamp luminaire. Remote control gear not included. Installation frame not necessary.

- 03.4456.B1A
- 03.4456.GLA
- 03.4456.BUA
- 03.4456.74A
- 03.4456.CUA

Easy Kap Ø105 Wall-Washer

Light Source: LED Array DC 500 mA - 9,2W - 698 lm - 2700K/CRI 90 / 9,2W - 810 lm - 3000K/CRI 90



GWT 850°
 LED INCL
 0,50 Kg
 IP 20
 CE
 F

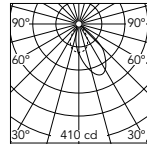
Appareil d'éclairage encastré à LED. Alimentation non comprise. Cadre de montage non nécessaire.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary.

Alimentations recommandées :
 Non Dimmable
 Dimmable 1-10V
 Dimmable Dali
 Mains Dimming

Recommended power supply:
 60.8650
 60.8533
 60.8530
 60.8534

2700K
 03.4493.B1B

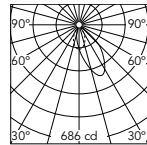


Beam Angle: 50°

h(m)	Et(k)	D(m)
1	410	1.14
2	102	2.28
3	46	3.43
4	26	4.57
5	16	5.71

Luminous flux luminaire
 394 lm (EXTREME CUT OFF)

03.4493.GLB

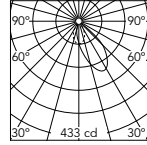


Beam Angle: 43°

h(m)	Et(k)	D(m)
1	686	0.99
2	171	1.98
3	76	2.96
4	43	3.95
5	27	4.94

Luminous flux luminaire
 463 lm (EXTREME CUT OFF)

03.4493.BUB

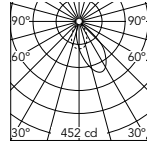


Beam Angle: 44°

h(m)	Et(k)	D(m)
1	433	1.05
2	108	2.10
3	48	3.14
4	27	4.19
5	17	5.24

Luminous flux luminaire
 386 lm (EXTREME CUT OFF)

03.4493.74B

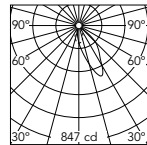


Beam Angle: 47°

h(m)	Et(k)	D(m)
1	452	1.07
2	113	2.14
3	50	3.21
4	28	4.28
5	18	5.35

Luminous flux luminaire
 381 lm (EXTREME CUT OFF)

03.4493.CUB

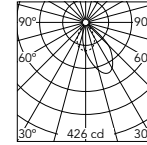


Beam Angle: 34°

h(m)	Et(k)	D(m)
1	847	0.78
2	212	1.56
3	94	2.34
4	53	3.12
5	34	3.90

Luminous flux luminaire
 445 lm (EXTREME CUT OFF)

3000K
 03.4463.B1C

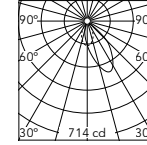


Beam Angle: 50°

h(m)	Et(k)	D(m)
1	426	1.14
2	107	2.28
3	47	3.43
4	27	4.57
5	17	5.71

Luminous flux luminaire
 410 lm (EXTREME CUT OFF)

03.4463.GLC

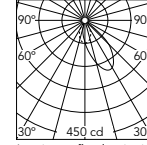


Beam Angle: 43°

h(m)	Et(k)	D(m)
1	714	0.99
2	178	1.98
3	79	2.96
4	45	3.95
5	29	4.94

Luminous flux luminaire
 482 lm (EXTREME CUT OFF)

03.4463.BUC

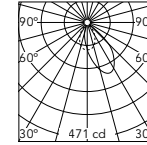


Beam Angle: 44°

h(m)	Et(k)	D(m)
1	450	1.05
2	113	2.10
3	50	3.14
4	28	4.19
5	18	5.24

Luminous flux luminaire
 401 lm (EXTREME CUT OFF)

03.4463.74C

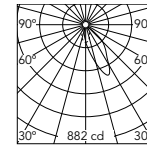


Beam Angle: 47°

h(m)	Et(k)	D(m)
1	471	1.07
2	118	2.14
3	52	3.21
4	29	4.28
5	19	5.35

Luminous flux luminaire
 397 lm (EXTREME CUT OFF)

03.4463.CUC










Beam Angle: 34°

h(m)	Et(k)	D(m)
1	882	0.78
2	220	1.56
3	98	2.34
4	55	3.12
5	35	3.90

Luminous flux luminaire
 463 lm (EXTREME CUT OFF)




KAP


Accessoires / Accessories




Cadre de montage No Trim. Kap ø105/□105.	Installation frame No Trim. Kap ø105/□105.		Kap ø105 Round <input type="checkbox"/> 08.8155.00
			Kap 105 Square <input type="checkbox"/> 08.8479.00
Cadre de montage No Trim. Kap ø145/ø145 Wall-Washer.	Installation frame No Trim. Kap ø145/ø145 Wall-Washer.	 ø165 	Kap ø145 <input type="checkbox"/> 08.8156.00 Kap ø145 W-W <input type="checkbox"/> 08.8251.00
Cadre de montage Trim. Kap ø145/ø145 Wall-Washer.	Installation frame Trim. Kap 145/ø145 Wall-Washer.	 ø155 	Kap ø145 W-W <input type="checkbox"/> 08.8491.30 <input type="checkbox"/> 08.8491.GL <input type="checkbox"/> 08.8491.BU <input type="checkbox"/> 08.8491.14 <input type="checkbox"/> *
Boîtier de montage pour béton. Kap ø105/ø145.	Installation can for concrete. Kap ø105/ø145.		Kap ø105 <input type="checkbox"/> 08.8420.00 Kap ø145 <input type="checkbox"/> 08.8421.00

* Cadre de montage Trim en cuivre non disponible. A associer avec du blanc ou toute autre finition selon l'effet esthétique désiré.
Copper finish trim frame not available. Combine with white or any of the other finishes according to the desired final aesthetic effect.

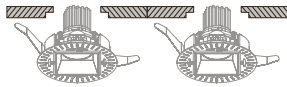
Kit d'installation Fast&Perfect / Fast&Perfect Installation Kit

Cadre de montage No Trim. Kap ø80.	Installation frame No Trim. Kap ø80.		Kap ø80 Round 08.9102.00
+ Outillage Fast&Perfect.	+ Fast&Perfect tool.	+ 	Fast&Perfect tool 08.9100.00
		ø126 	

Cadre de montage No Trim. Kap □80.	Installation frame No Trim. Kap □80.		Kap 80 Square 08.9103.00
+ Outillage Fast&Perfect.	+ Fast&Perfect tool.	+ 	Fast&Perfect tool 08.9101.00
		ø153 	

Cadre de montage No Trim. Kap ø105.	Installation frame No Trim. Kap ø105.		Kap ø105 Round 08.9104.00
+ Outillage Fast&Perfect.	+ Fast&Perfect tool.	+ 	Fast&Perfect tool 08.9101.00
Uniquement pour des versions à LED.	Only for LED versions.	ø153 	

Système d'installation Fast&Perfect / Fast&Perfect Installation System



ø80: min 135 mm
 □80: min 165 mm
 ø105: min 165 mm

FREE SIXTY

DESIGNED BY PHILIPPE STARCK

TRIM / NO TRIM



LIGHT SOURCE

LED ARRAY
16W
1780 lm
2700K/CRI 90
1883 lm
3000K/CRI 90

□ 30 Blanc
30 White

■ CU Cuivre
CU Copper

■ 14 Noir
14 Black

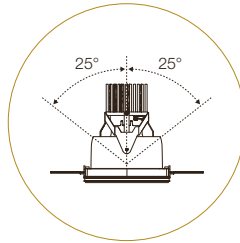
Free Sixty Trim



Free Sixty No Trim



Peut être orienté à 25°.
Can be swivelled 25°.



Description

Luminaire encastrable à LED. La gamme propose des versions Trim et No Trim, toutes les deux dans des finitions différentes (blanc, cuivre et noir). Grâce à son design compact et minimaliste, le luminaire s'intègre parfaitement dans l'architecture. De plus, l'effet optique et le confort sont optimaux grâce aux performances anti-éblouissement de la grille nid d'abeille intégrée au produit.

Le luminaire dispose d'un système de basculement, dont le système d'inclinaison à cardan permet de l'orienter avec tout objet pouvant atteindre le luminaire, comme le manche d'un balai.

Unité d'Alimentation

Alimentation à distance non comprise.

Accessoires

Cadre de pré-installation fabriqué en matière thermoplastique pour l'installation sur faux plafond. Il est nécessaire pour les versions Trim et No Trim.

Informations Complémentaires

Indice de protection IP20.
Classe d'isolation III.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Recessed LED luminaire. Family comes in Trim and No Trim version, both in three different finishes (white, copper and black). Thanks to its compact and minimalist design, this luminaire fully integrates into the architectural environment and provides an unbeatable optic effect and comfort thanks to the screening degree achieved by its built-in honeycomb.

Luminaire has a tilting system that allows, thanks to its cardanic tilting mechanism, orientation towards any element reached by the luminaire, such as a broomstick.

Power Supply

Remote power supply not included.

Accessories

Pre-installation frame in thermoplastic material for its installation in false ceiling is required for both Trim and No Trim versions.

Additional Information

IP20 protection grade.
Insulation class III.

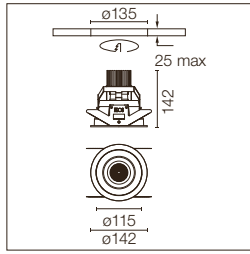
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

FREE SIXTY

Free Sixty Trim

Light Source: LED Array DC 450 mA - 16W - 1780 lm - 2700K/CRI 90 / 16W- 1883 lm - 3000K/CRI 90



GWT
850°



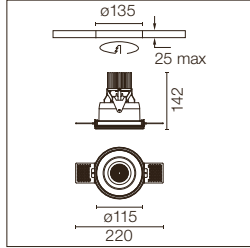
IP
20



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance non comprise. Un cadre de pré-montage est nécessaire. À commander séparément.

High-performance recessed luminaire with LED light source. Remote power supply not included. Pre-installation frame must be ordered separately.

Free Sixty No Trim

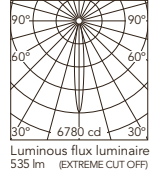


Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Phase Dimming

Recommended power supply:
60.9162
60.9188
60.8847
60.9268

2700K

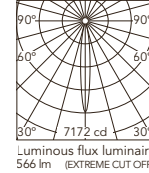
- 03.2011.40
- 03.2011.CU
- 03.2011.14



Beam Angle: 12°

3000K

- 03.2010.40
- 03.2010.CU
- 03.2010.14



Beam Angle: 12°

Accessoires / Accessories

Cadre de montage Trim.

Installation frame Trim.



- 08.0508.40
- 08.0508.CU
- 08.0508.14

Cadre de montage No Trim.

Installation frame No Trim.



- 08.0508.40.NT

BON JOUR

DESIGNED BY PHILIPPE STARCK

BON JOUR
Ø45



LIGHT SOURCE
POWER LED
6W
575 lm
2700K/CRI 90
615 lm
3000K/CRI 90

BON JOUR
Ø90



LIGHT SOURCE
LED ARRAY
13,5W
1500 lm
2700K/CRI 90
1600 lm
3000K/CRI 90

BON JOUR
Ø145



LIGHT SOURCE
LED ARRAY
27W
2600 lm
2700K/CRI 90
2720 lm
3000K/CRI 90

□ 01 Blanc
01 White

■ CU Cuivre
CU Copper

■ 14 Noir
14 Black



Description

Luminaire LED pour faux plafond.
Une fois installée, la bordure du luminaire dépasse de 10 mm sur le plafond, créant un effet esthétique unique et raffiné.
Corps en aluminium injecté. Disponible en trois tailles : Ø45 mm, Ø90 mm et Ø145 mm.
Réflecteur en aluminium anodisé brillant avec diffuseur en polycarbonate.

Unité d'Alimentation

Cablage inclus, prêt à être connecté au driver à distance.
Disponible en version dimmable Dali.
Versions sans driver et avec driver 110V disponibles sur demande.

Accessoires

- Cadre de montage en thermoplastique pour installation sur faux plafond, nécessaire pour les versions Ø90 mm et Ø145 mm (inutile pour le modèle en Ø45 mm).
- Grille en nid d'abeilles et croix anti-éblouissement (comprises dans la version de Ø45 mm).
- Accessoires anti-éblouissement disponibles pour le modèle Ø145, dans les mêmes finitions que la lampe décorative Bon Jour. Voir le catalogue Flos "The Home Collection" pour plus d'informations.

Informations Complémentaires

Indice de protection IP44.
Classe d'isolation II.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

LED luminaire for recessed mounting on plasterboard ceilings.
Once installed, the luminaire edge sticks out of the ceiling 10 mm creating a unique and very refined aesthetic effect.
The luminaire's body is injected with aluminium. It is available in three sizes: Ø45 mm, Ø90 mm and Ø145 mm.
Reflector made of anodized gloss aluminium with diffuser element made of polycarbonate.

Power Supply

Cabling included, ready to be powered by included remote driver.
Dali dimmable version available.
Versions without driver and 110V driver available on request.

Accessories

- installation frame made from thermoplastic material for installation in suspended ceilings required for the Ø90 mm and Ø145 mm versions (not necessary for Ø45 mm version).
- Honeycomb and cross screening cylinder (included for Ø45 mm version).
- Screening accessories available for the Ø145 version, with the same finishes as the decorative Bon Jour luminaire. See the Flos "The Home Collection" catalogue for more information.

Additional Information

IP44 protection grade.
Insulation class II.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Ø45

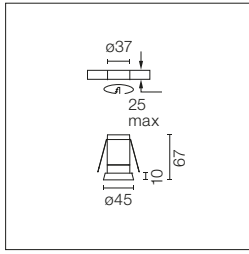


Ø90 / Ø145

BON JOUR

Bon Jour Ø45

Light Source: Power LED DC 500 mA - 6W - 575 lm - 2700K/CRI 90 / 6W - 615 lm - 3000K/CRI 90



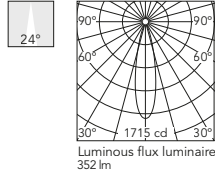
Luminaire encastré à LED.
Alimentation à distance 220/240V comprise. Il est nécessaire de prévoir un espace pour accéder au driver.

Recessed luminaire with LED light source. Remote 220/240V power supply included. It is necessary to anticipate a space for accessing the driver.

Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

- 2700K**
Non Dimmable
 03.2001.01
Dali Version
 03.2001.01.DA

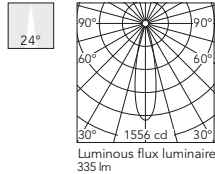


Beam Angle: 24°

h(m)	E(lx)	D(m)
1	1715	0.42
2	429	0.84
3	191	1.27
4	107	1.69
5	69	2.11

Luminous flux luminaire 352 lm

- 2700K**
Non Dimmable
 03.2001.CU
Dali Version
 03.2001.CU.DA

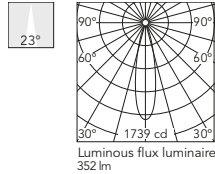


Beam Angle: 24°

h(m)	E(lx)	D(m)
1	1556	0.43
2	389	0.85
3	173	1.28
4	97	1.71
5	62	2.14

Luminous flux luminaire 335 lm

- 2700K**
Non Dimmable
 03.2001.14
Dali Version
 03.2001.14.DA

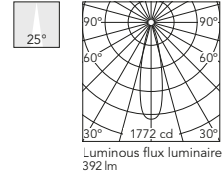


Beam Angle: 23°

h(m)	E(lx)	D(m)
1	1739	0.41
2	435	0.83
3	193	1.24
4	109	1.66
5	70	2.07

Luminous flux luminaire 352 lm

- 3000K**
Non Dimmable
 03.2006.01
Dali Version
 03.2006.01.DA

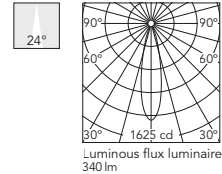


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1772	0.45
2	443	0.89
3	197	1.34
4	111	1.79
5	71	2.23

Luminous flux luminaire 392 lm

- 3000K**
Non Dimmable
 03.2006.CU
Dali Version
 03.2006.CU.DA

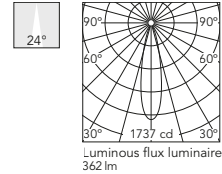


Beam Angle: 24°

h(m)	E(lx)	D(m)
1	1625	0.42
2	406	0.83
3	181	1.25
4	102	1.67
5	65	2.09

Luminous flux luminaire 340 lm

- 3000K**
Non Dimmable
 03.2006.14
Dali Version
 03.2006.14.DA



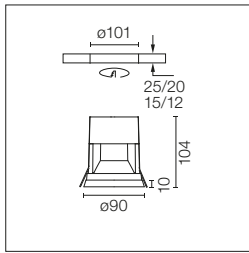
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	1737	0.42
2	434	0.84
3	193	1.26
4	109	1.68
5	69	2.10

Luminous flux luminaire 362 lm

Bon Jour Ø90

Light Source: LED Array DC 500 mA - 13,5W - 1500 lm - 2700K/CRI 90 / 13,5W - 1600 lm - 3000K/CRI 90



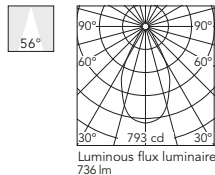
Luminaire encastré à LED.
Alimentation à distance 220/240V comprise.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

Cadre de pré-montage à commander séparément.

Pre-installation frame must be ordered separately.

- 2700K**
Non Dimmable
 03.2003.01
Dali Version
 03.2003.01.DA

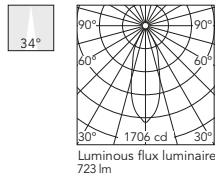


Beam Angle: 56°

h(m)	E(lx)	D(m)
1	793	1.07
2	198	2.14
3	88	3.21
4	50	4.28
5	32	5.35

Luminous flux luminaire 736 lm

- 2700K**
Non Dimmable
 03.2003.CU
Dali Version
 03.2003.CU.DA

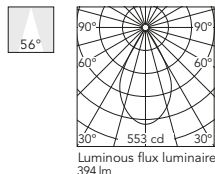


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	1706	0.60
2	427	1.21
3	190	1.81
4	107	2.42
5	68	3.02

Luminous flux luminaire 723 lm

- 2700K**
Non Dimmable
 03.2003.14
Dali Version
 03.2003.14.DA

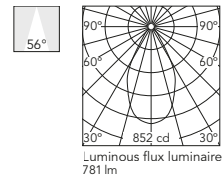


Beam Angle: 56°

h(m)	E(lx)	D(m)
1	553	1.07
2	138	2.15
3	61	3.22
4	35	4.29
5	22	5.37

Luminous flux luminaire 394 lm

- 3000K**
Non Dimmable
 03.2007.01
Dali Version
 03.2007.01.DA

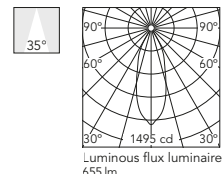


Beam Angle: 56°

h(m)	E(lx)	D(m)
1	852	1.06
2	213	2.13
3	95	3.19
4	53	4.25
5	34	5.32

Luminous flux luminaire 781 lm

- 3000K**
Non Dimmable
 03.2007.CU
Dali Version
 03.2007.CU.DA

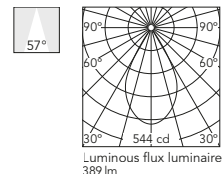


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1495	0.63
2	374	1.26
3	166	1.89
4	93	2.52
5	60	3.14

Luminous flux luminaire 655 lm

- 3000K**
Non Dimmable
 03.2007.14
Dali Version
 03.2007.14.DA



Beam Angle: 57°

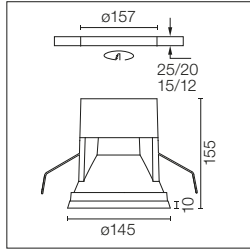
h(m)	E(lx)	D(m)
1	544	1.08
2	136	2.15
3	60	3.23
4	34	4.30
5	22	5.38

Luminous flux luminaire 389 lm

BON JOUR

Bon Jour Ø145

Light Source: LED Array DC 900 mA - 27W - 2600 lm - 2700K/CRI 90 / 27W - 2720 lm - 3000K/CRI 90



Luminaire encastré à LED.
Alimentation à distance 220/240V comprise.

Cadre de pré-montage à commander séparément.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

Pre-installation frame must be ordered separately.

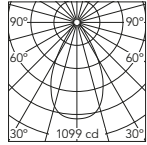
2700K

Non Dimmable

03.2005.01

Dali Version

03.2005.01.DA



Beam Angle: 57°

h(m)	E(lx)	D(m)
1	1099	1.10
2	275	2.19
3	122	3.29
4	69	4.38
5	44	5.48

Luminous flux luminaire
1085 lm

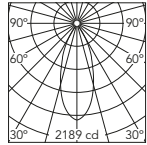
2700K

Non Dimmable

03.2005.CU

Dali Version

03.2005.CU.DA



Beam Angle: 39°

h(m)	E(lx)	D(m)
1	2189	0.71
2	547	1.42
3	243	2.13
4	137	2.83
5	88	3.54

Luminous flux luminaire
1063 lm

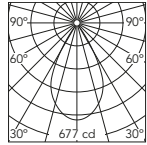
2700K

Non Dimmable

03.2005.14

Dali Version

03.2005.14.DA



Beam Angle: 56°

h(m)	E(lx)	D(m)
1	677	1.05
2	169	2.11
3	75	3.16
4	42	4.21
5	27	5.27

Luminous flux luminaire
484 lm

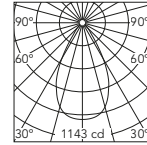
3000K

Non Dimmable

03.2008.01

Dali Version

03.2008.01.DA



Beam Angle: 58°

h(m)	E(lx)	D(m)
1	1143	1.10
2	286	2.20
3	127	3.31
4	71	4.41
5	46	5.51

Luminous flux luminaire
1143 lm

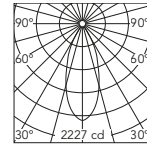
3000K

Non Dimmable

03.2008.CU

Dali Version

03.2008.CU.DA



Beam Angle: 39°

h(m)	E(lx)	D(m)
1	2227	0.71
2	557	1.42
3	247	2.13
4	139	2.84
5	89	3.55

Luminous flux luminaire
1085 lm

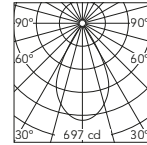
3000K

Non Dimmable

03.2008.14

Dali Version

03.2008.14.DA



Beam Angle: 56°

h(m)	E(lx)	D(m)
1	697	1.06
2	174	2.11
3	77	3.17
4	44	4.23
5	28	5.28

Luminous flux luminaire
501 lm

BON JOUR

Accessoires / Accessories

Bon Jour Ø90

Cadre de pré-montage.



08.8974.00

Pre-installation frame.

Honeycomb et croix anti-éblouissement.



08.8976.14

Honeycomb and screening crosspiece.

Bon Jour Ø145

Cadre de pré-montage.



08.8975.00

Pre-installation frame.

Honeycomb et croix anti-éblouissement.



08.8980.14

Honeycomb and screening crosspiece.

Accessoire décoratif anti-éblouissement.



08.8977.00

Decorative screening accessory.



08.8978.00



08.8979.00

LIGHT SHOOTER

DESIGNED BY FLOS ARCHITECTURAL

FIXED
TRIM / NO TRIM



ADJUSTABLE
TRIM / NO TRIM



WALL-WASHER
TRIM / NO TRIM



EASY ADJUSTABLE
TRIM



LIGHT SOURCE
POWER LED
10W
850 lm
2700K/CRI 90
910 lm
3000K/CRI 90

LIGHT SOURCE
HIGH
POWER LED
11W
910 lm
2700K/CRI 90
1060 lm
3000K/CRI 90

LIGHT SOURCE
LED QR-CBC 51
GX5.3
max 10W

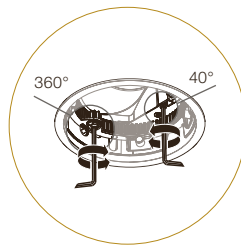
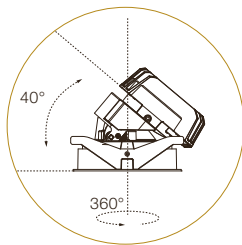
LIGHT SOURCE
LED PAR 16
GZ10
max 10W

□ 40 Blanc
40 White

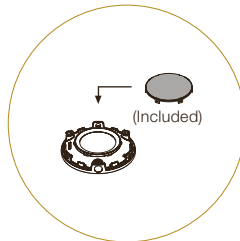
■ 14 Noir
14 Black



Peut être pivoté à 360° et orienté à 40°.
Can be rotated 360° and swivelled 40°.



IP54



LIGHT SHOOTER

Description

Appareils encastrés à LED et LED dichroïque à haut rendement. Appareil qui allie la dernière technologie LED à un système conique très efficace, conçu pour offrir un haut rendement et un haut degré de protection contre l'éblouissement.

Disponible en puissances allant jusqu'à 11W en LED. Pour installations Trim et No Trim et versions fixes, ajustables et Wall-Washer.

La version ajustable dispose d'un goniomètre intégré qui permet d'obtenir le faisceau lumineux désiré à l'aide d'un mécanisme précis et qui facilite la manipulation et diminue le temps d'installation. Son mécanisme de blocage torx garantit l'angle désiré à l'intérieur du faisceau lumineux. Les versions fixes et ajustables LED sont disponibles en faisceaux étroits et larges (Spot et flood).

Pour garantir la parfaite cohérence dans une installation, la version Wall-Washer est proposée avec les mêmes choix de LED que les versions fixes et ajustables.

Réflecteurs

Les versions fixes et ajustables LED sont proposées avec des faisceaux étroits et larges (spot et flood).

Unité d'Alimentation

Cablage inclus, prêt à être connecté au driver à distance. Versions sans driver et dimmable 1-10V disponibles sur demande.

Accessoires

LED:

Tous les modèles sont équipés d'un accessoire intégré pour les rendre IP54.

- Lentille de distribution elliptique.
- Honeycomb.

Informations Complémentaires

Versions orientables de 40° et rotation de 360°.

IP44 protection grade.

Classe d'isolation II.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

High performance LED and LED dichroic recessed luminaires. Combines the latest LED technology and a very efficient conical system designed to combine high performance with excellent glare protection.

Available in wattages up to 11W in LED. Available for Trim and No Trim installations and fixed, adjustable and Wall-Washer versions.

The adjustable version has an integrated goniometer to achieve the desired beam and its easy-to-use precision mechanism makes it easy to handle and quick to install. Its Torx block mechanism ensures the desired beam angle.

The fixed and adjustable LED versions are available with enclosed and open optics (spot and flood).

To ensure complete coherency in the same installation, the Wall-Washer version is available with the same LED options as the fixed and adjustable versions.

Reflectors

The fixed and adjustable LED versions are available with enclosed and open optics (spot and flood).

Power Supply

Cabling included, ready to be powered by included remote driver.

Versions without driver and 1-10V dimmable available on request.

Accessories

LED:

All the models include an accessory for IP54.

- Elliptical distribution lens.
- Honeycomb.

Additional Information

In the adjustable versions, 40° tilting and 360° rotation.

IP44 protection grade.

Insulation class II.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Trim

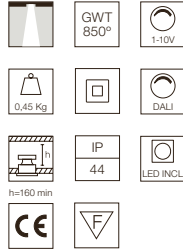
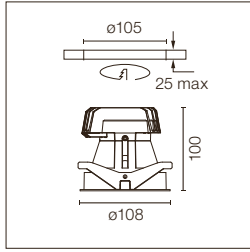


No Trim

LIGHT SHOOTER

Light Shooter Fixed Trim

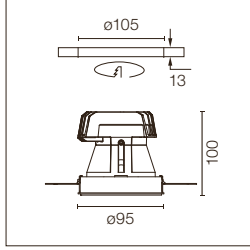
Light Source: Power LED 10W - 850 lm - 2700K/CRI 90 / 10W - 910 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

Light Shooter Fixed No Trim



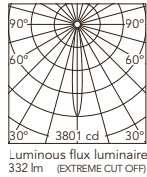
Le cadre de pré-montage est inclus pour la version No Trim.

Pre-installation frame included in No Trim versions.

2700K - Trim

Non Dimmable

- 03.6509.40A
- 03.6509.14A
- Dali Version/1-10V
- 03.6509.40ADA
- 03.6509.14ADA



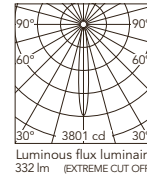
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	3801	0.22
2	950	0.43
3	422	0.65
4	238	0.86
5	152	1.08

3000K - Trim

Non Dimmable

- 03.6506.40A
- 03.6506.14A
- Dali Version/1-10V
- 03.6506.40ADA
- 03.6506.14ADA



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	3801	0.22
2	950	0.43
3	422	0.65
4	238	0.86
5	152	1.08

2700K - No Trim

Non Dimmable

- 03.6529.40A
- 03.6529.14A
- Dali Version/1-10V
- 03.6529.40ADA
- 03.6529.14ADA



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	3801	0.22
2	950	0.43
3	422	0.65
4	238	0.86
5	152	1.08

3000K - No Trim

Non Dimmable

- 03.6526.40A
- 03.6526.14A
- Dali Version/1-10V
- 03.6526.40ADA
- 03.6526.14ADA



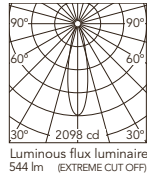
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	3801	0.22
2	950	0.43
3	422	0.65
4	238	0.86
5	152	1.08

2700K - Trim

Non Dimmable

- 03.6510.40A
- 03.6510.14A
- Dali Version/1-10V
- 03.6510.40ADA
- 03.6510.14ADA



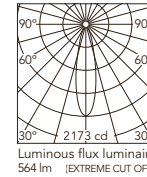
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2098	0.44
2	524	0.88
3	233	1.33
4	131	1.77
5	84	2.21

3000K - Trim

Non Dimmable

- 03.6507.40A
- 03.6507.14A
- Dali Version/1-10V
- 03.6507.40ADA
- 03.6507.14ADA



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2173	0.44
2	543	0.88
3	241	1.33
4	136	1.77
5	87	2.21

2700K - No Trim

Non Dimmable

- 03.6530.40A
- 03.6530.14A
- Dali Version/1-10V
- 03.6530.40ADA
- 03.6530.14ADA



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2098	0.44
2	524	0.88
3	233	1.33
4	131	1.77
5	84	2.21

3000K - No Trim

Non Dimmable

- 03.6527.40A
- 03.6527.14A
- Dali Version/1-10V
- 03.6527.40ADA
- 03.6527.14ADA



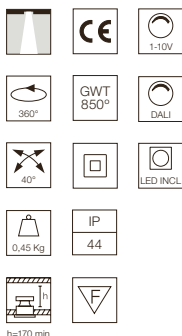
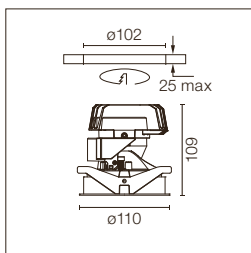
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2173	0.44
2	543	0.88
3	241	1.33
4	136	1.77
5	87	2.21

LIGHT SHOOTER

Light Shooter Adjustable Trim

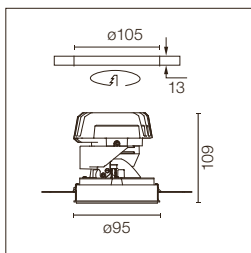
Light Source: Power LED 10W - 850 lm - 2700K/CRI 90 / 10W - 910 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

Light Shooter Adjustable No Trim



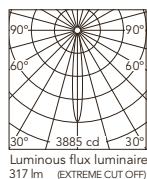
Le cadre de pré-montage est inclus pour la version No Trim.

Pre-installation frame included in No Trim versions.

2700K - Trim

Non Dimmable

- 03.6503.40A
- 03.6503.14A
- Dali Version/1-10V
- 03.6503.40ADA
- 03.6503.14ADA



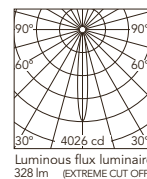
Beam Angle: 13°

h(m)	E lx	D(m)
1	3885	0.22
2	971	0.44
3	432	0.66
4	243	0.88
5	155	1.10

3000K - Trim

Non Dimmable

- 03.6500.40A
- 03.6500.14A
- Dali Version/1-10V
- 03.6500.40ADA
- 03.6500.14ADA



Beam Angle: 13°

h(m)	E lx	D(m)
1	4026	0.22
2	1006	0.44
3	447	0.66
4	252	0.88
5	161	1.10

2700K - No Trim

Non Dimmable

- 03.6523.40A
- 03.6523.14A
- Dali Version/1-10V
- 03.6523.40ADA
- 03.6523.14ADA

3000K - No Trim

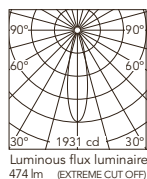
Non Dimmable

- 03.6520.40A
- 03.6520.14A
- Dali Version/1-10V
- 03.6520.40ADA
- 03.6520.14ADA

2700K - Trim

Non Dimmable

- 03.6504.40A
- 03.6504.14A
- Dali Version/1-10V
- 03.6504.40ADA
- 03.6504.14ADA



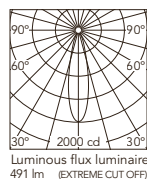
Beam Angle: 25°

h(m)	E lx	D(m)
1	1931	0.44
2	483	0.88
3	215	1.32
4	121	1.75
5	77	2.19

3000K - Trim

Non Dimmable

- 03.6501.40A
- 03.6501.14A
- Dali Version/1-10V
- 03.6501.40ADA
- 03.6501.14ADA



Beam Angle: 25°

h(m)	E lx	D(m)
1	2000	0.44
2	500	0.88
3	222	1.32
4	125	1.75
5	80	2.19

2700K - No Trim

Non Dimmable

- 03.6524.40A
- 03.6524.14A
- Dali Version/1-10V
- 03.6524.40ADA
- 03.6524.14ADA

3000K - No Trim

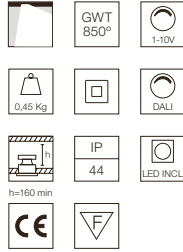
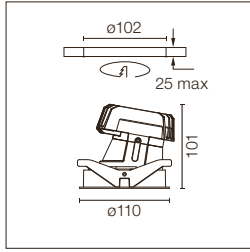
Non Dimmable

- 03.6521.40A
- 03.6521.14A
- Dali Version/1-10V
- 03.6521.40ADA
- 03.6521.14ADA

LIGHT SHOOTER

Light Shooter Wall-Washer Trim

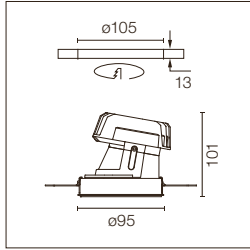
Light Source: Power LED 10W - 850 lm - 2700K/CRI 90 / 10W - 910 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

Light Shooter Wall-Washer No Trim



Le cadre de pré-montage est inclus pour la version No Trim.

Pre-installation frame included in No Trim versions.

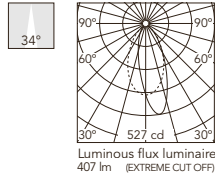
2700K - Trim

Non Dimmable

- 03.6514.40A
- 03.6514.14A

Dali Version/1-10V

- 03.6514.40ADA
- 03.6514.14ADA



Beam Angle: 34°

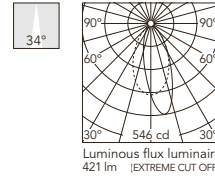
3000K - Trim

Non Dimmable

- 03.6512.40A
- 03.6512.14A

Dali Version/1-10V

- 03.6512.40ADA
- 03.6512.14ADA



Beam Angle: 34°

2700K - No Trim

Non Dimmable

- 03.6534.40A
- 03.6534.14A

Dali Version/1-10V

- 03.6534.40ADA
- 03.6534.14ADA

3000K - No Trim

Non Dimmable

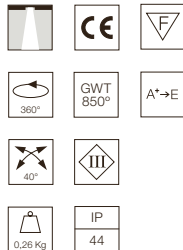
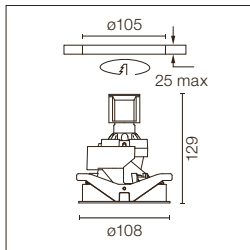
- 03.6532.40A
- 03.6532.14A

Dali Version/1-10V

- 03.6532.40ADA
- 03.6532.14ADA

Easy Light Shooter Adjustable Trim

Light Source: LED QR-CBC 51 GX5.3 - max 10W



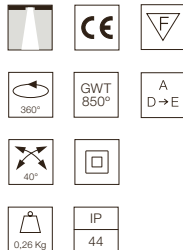
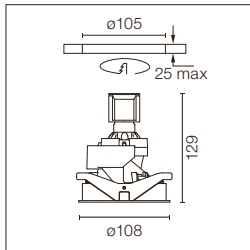
Appareil d'éclairage encastré à haut rendement. Transformateur à distance non compris.

High-performance recessed luminaire. Remote transformer not included.

- 03.6580.40
- 03.6580.14

Easy Light Shooter Adjustable Trim

Light Source: LED PAR 16 GZ10 - max 10W



Appareil d'éclairage encastré à haut rendement a tension de réseau.

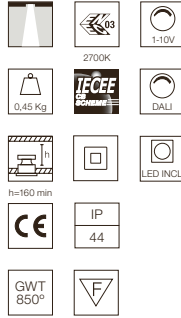
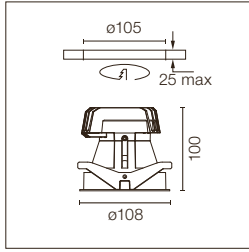
High-performance recessed luminaire with main voltage source.

- 03.6581.40
- 03.6581.14

LIGHT SHOOTER

Light Shooter HP Fixed Trim

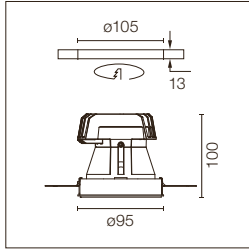
Light Source: High Power LED 11W - 910 lm - 2700K/CRI 90 / 11W - 1060 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

Light Shooter Hp Fixed No Trim



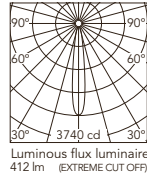
Le cadre de pré-montage est inclus pour la version No Trim.

Pre-installation frame included in No Trim versions.

2700K - Trim

Non Dimmable

- 03.6566.40
- 03.6566.14
- Dali Version/1-10V
- 03.6566.40.DA
- 03.6566.14.DA



Beam Angle: 15°

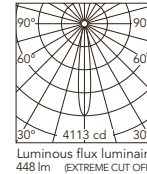
h(m)	E(lx)	D(m)
1	3740	0.26
2	935	0.53
3	416	0.79
4	234	1.05
5	150	1.31

Luminous flux luminaire 412 lm (EXTREME CUT OFF)

3000K - Trim

Non Dimmable

- 03.6564.40A
- 03.6564.14A
- Dali Version/1-10V
- 03.6564.40ADA
- 03.6564.14ADA



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	4113	0.26
2	1028	0.52
3	457	0.78
4	257	1.04
5	165	1.30

Luminous flux luminaire 448 lm (EXTREME CUT OFF)

2700K - No Trim

Non Dimmable

- 03.6576.40
- 03.6576.14
- Dali Version/1-10V
- 03.6576.40.DA
- 03.6576.14.DA

3000K - No Trim

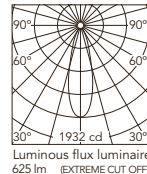
Non Dimmable

- 03.6574.40A
- 03.6574.14A
- Dali Version/1-10V
- 03.6574.40ADA
- 03.6574.14ADA

2700K - Trim

Non Dimmable

- 03.6567.40
- 03.6567.14
- Dali Version/1-10V
- 03.6567.40.DA
- 03.6567.14.DA



Beam Angle: 29°

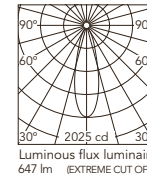
h(m)	E(lx)	D(m)
1	1932	0.52
2	483	1.04
3	215	1.56
4	121	2.08
5	77	2.60

Luminous flux luminaire 625 lm (EXTREME CUT OFF)

3000K - Trim

Non Dimmable

- 03.6565.40A
- 03.6565.14A
- Dali Version/1-10V
- 03.6565.40ADA
- 03.6565.14ADA



Beam Angle: 29°

h(m)	E(lx)	D(m)
1	2025	0.52
2	506	1.04
3	225	1.56
4	127	2.08
5	81	2.60

Luminous flux luminaire 647 lm (EXTREME CUT OFF)

2700K - No Trim

Non Dimmable

- 03.6577.40
- 03.6577.14
- Dali Version/1-10V
- 03.6577.40.DA
- 03.6577.14.DA

3000K - No Trim

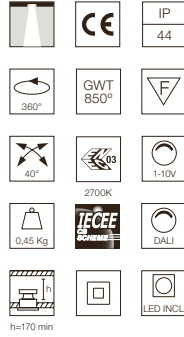
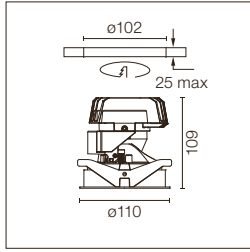
Non Dimmable

- 03.6575.40A
- 03.6575.14A
- Dali Version/1-10V
- 03.6575.40ADA
- 03.6575.14ADA

LIGHT SHOOTER

Light Shooter HP Adjustable Trim

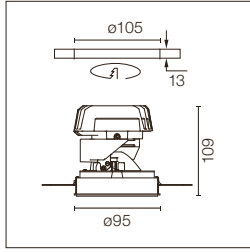
Light Source: High Power LED 11W - 910 lm - 2700K/CRI 90 / 11W - 1060 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

Light Shooter HP Adjustable No Trim



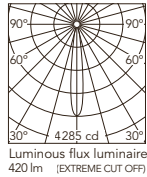
Le cadre de pré-montage est inclus pour la version No Trim.

Pre-installation frame included in No Trim versions.

2700K - Trim

Non Dimmable

- 03.6562.40
- 03.6562.14
- Dali Version/1-10V
- 03.6562.40.DA
- 03.6562.14.DA

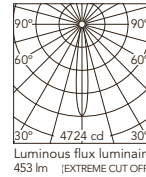


Beam Angle: 14°

3000K - Trim

Non Dimmable

- 03.6560.40A
- 03.6560.14A
- Dali Version/1-10V
- 03.6560.40ADA
- 03.6560.14ADA



Beam Angle: 14°

2700K - No Trim

Non Dimmable

- 03.6572.40
- 03.6572.14
- Dali Version/1-10V
- 03.6572.40.DA
- 03.6572.14.DA

3000K - No Trim

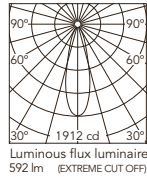
Non Dimmable

- 03.6570.40A
- 03.6570.14A
- Dali Version/1-10V
- 03.6570.40ADA
- 03.6570.14ADA

2700K - Trim

Non Dimmable

- 03.6563.40
- 03.6563.14
- Dali Version/1-10V
- 03.6563.40.DA
- 03.6563.14.DA

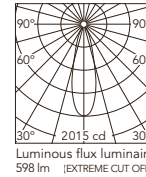


Beam Angle: 29°

3000K - Trim

Non Dimmable

- 03.6561.40A
- 03.6561.14A
- Dali Version/1-10V
- 03.6561.40ADA
- 03.6561.14ADA



Beam Angle: 28°

2700K - No Trim

Non Dimmable

- 03.6573.40
- 03.6573.14
- Dali Version/1-10V
- 03.6573.40.DA
- 03.6573.14.DA

3000K - No Trim

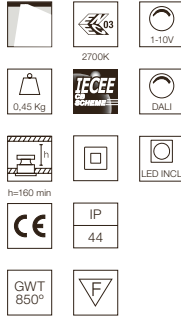
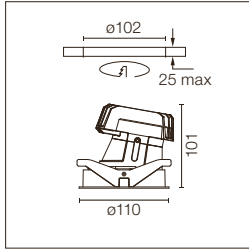
Non Dimmable

- 03.6571.40A
- 03.6571.14A
- Dali Version/1-10V
- 03.6571.40ADA
- 03.6571.14ADA

LIGHT SHOOTER

Light Shooter HP Wall-Washer Trim

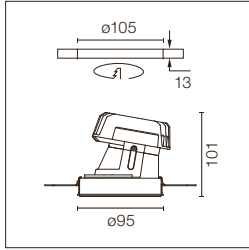
Light Source: High Power LED 11W - 910 lm - 2700K/CRI 90 / 11W - 1060 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

Light Shooter Hp Wall-Washer No Trim



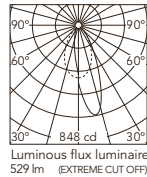
Le cadre de pré-montage est inclus pour la version No Trim.

Pre-installation frame included in No Trim versions.

2700K - Trim

Non Dimmable

- 03.6569.40
- 03.6569.14
- Dali Version/1-10V
- 03.6569.40.DA
- 03.6569.14.DA

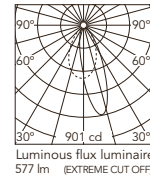


Beam Angle: 26°

3000K - Trim

Non Dimmable

- 03.6568.40A
- 03.6568.14A
- Dali Version/1-10V
- 03.6568.40ADA
- 03.6568.14ADA



Beam Angle: 27°

2700K - No Trim

Non Dimmable

- 03.6579.40
- 03.6579.14
- Dali Version/1-10V
- 03.6579.40.DA
- 03.6579.14.DA

3000K - No Trim

Non Dimmable

- 03.6578.40A
- 03.6578.14A
- Dali Version/1-10V
- 03.6578.40ADA
- 03.6578.14ADA

Accessoires / Accessories

Lentille elliptique.

Elliptical lens.



08.8041.68

Honeycomb.

Honeycomb.



08.8412.14

LIGHT SNIPER

DESIGNED BY FLOS ARCHITECTURAL

FIXED	ADJUSTABLE	WALL-WASHER	FIXED	ADJUSTABLE
				
				
LIGHT SOURCE POWER LED 11W 910 lm 2700K/CRI 90 1060 lm 3000K/CRI 90			LIGHT SOURCE PHOSPHOR LED 9W 800 lm 3000K/CRI 98	

06 Chromé
06 Chrome

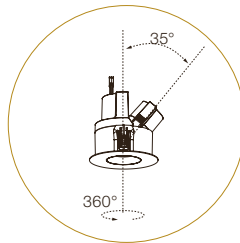
GL Or Mat
GL Matt Gold

14 Noir Mat
14 Matt Black

Light Sniper
Round / Square



Peut être pivoté à 360° et orienté à 35°.
Can be rotated 360° and swivelled 35°.



Description

Luminaires encastrables hautes performances pour lampes LED. Offre un grand confort grâce à la position en retrait de la source lumineuse.

Corps de l'appareil réalisé en deux parties d'aluminium moulé sous pression. Corniche ronde ou carrée, en tôle d'acier de 1 mm d'épaisseur, finition blanc mat (RAL 9001). Ecran cône en injection de zamak disponible en noir, or mat ou chromé. Versions fixes, basculantes et wall-washer. Pour les versions wall-washer, lentille de distribution en borosilicate.

Unité d'Alimentation

Pré-cablé, prêt à être raccordé aux appareillages à distance.
Source d'alimentation incluse 220-240V.

Accessoires

- Accessoire de protection pour plafond, recommandé pour les installations sur plafonds fragiles.
- Accessoire flush : permet l'installation à ras sur plafond ou sur mur.
- Accessoire CAN : facilite l'installation sur les plafonds en béton. Il est nécessaire d'installer l'accessoire avant de réaliser le plafond en béton.
- Honeycomb.
- Filtres chromatiques.

Informations Complémentaires

Versions orientables de 40° et rotation de 360°.
Indice de protection IP23, IP44 selon les versions.
Classe d'isolation I, II, III selon les versions.
Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

High performance recessed luminaires for LED version. They offer a high comfort due to the back visual position of light source.

Body of the luminaire made of two bodies of injected aluminium. Round or square front ring made of steel sheet 1 mm thick with white matt finish (RAL 9001). It incorporates shielded cones made in zamak injection in three sets: black, matt gold and chrome. Fixed, tilt and wall-washers versions.

In wall-washer versions a distribution lens made of borosilicate is incorporated.

Power Supply

Cabling included, ready to be powered by remote devices. Remote 220-240V power supply included.

Accessories

- Accessory for ceiling protection. Recommended for delicate ceiling installation.
- Accessory flush. Allows flush installation to ceiling or wall.
- CAN accessory for installation in concrete. Facilitates installation on concrete ceilings. It is necessary to install fixture prior to the concrete ceiling.
- Honeycomb.
- Chromatic filters.

Additional Information

In the adjustable versions, the possibility of tilting of 40° and 360° rotation.
IP23, IP44 protection grade depending on the versions.
Insulation class I, II, III depending on the versions.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Fixed

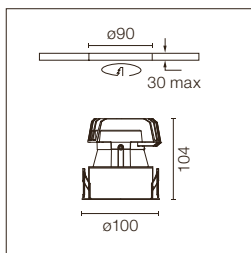


Adjustable

LIGHT SNIPER

Light Sniper Fixed Round

Light Source: Power LED 11W - 910 lm - 2700K/CRI 90 / 11W - 1060 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

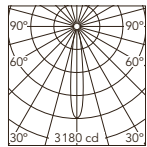
2700K

Non Dimmable

- 03.4981.06
- 03.4981.GL
- 03.4981.14

Dali Version / 1-10V / Push

- 03.4981.06.DA
- 03.4981.GL.DA
- 03.4981.14.DA



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	3180	0.27
2	795	0.53
3	353	0.80
4	199	1.07
5	127	1.33

Luminous flux luminaire 351 lm (EXTREME CUT OFF)

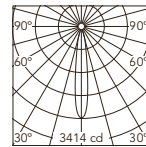
3000K

Non Dimmable

- 03.4980.06A
- 03.4980.GLA
- 03.4980.14A

Dali Version / 1-10V / Push

- 03.4980.06ADA
- 03.4980.GLADA
- 03.4980.14ADA



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	3414	0.27
2	854	0.53
3	379	0.80
4	213	1.07
5	137	1.33

Luminous flux luminaire 377 lm (EXTREME CUT OFF)

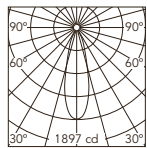
2700K

Non Dimmable

- 03.4993.06
- 03.4993.GL
- 03.4993.14

Dali Version / 1-10V / Push

- 03.4993.06.DA
- 03.4993.GL.DA
- 03.4993.14.DA



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1897	0.51
2	474	1.01
3	211	1.52
4	119	2.02
5	76	2.53

Luminous flux luminaire 558 lm (EXTREME CUT OFF)

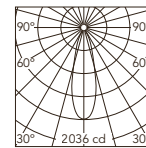
3000K

Non Dimmable

- 03.4992.06A
- 03.4992.GLA
- 03.4992.14A

Dali Version / 1-10V / Push

- 03.4992.06ADA
- 03.4992.GLADA
- 03.4992.14ADA



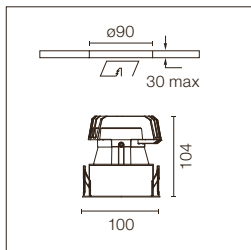
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	2036	0.51
2	509	1.01
3	226	1.52
4	127	2.02
5	81	2.53

Luminous flux luminaire 599 lm (EXTREME CUT OFF)

Light Sniper Fixed Square

Light Source: Power LED 11W - 910 lm - 2700K/CRI 90 / 11W - 1060 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

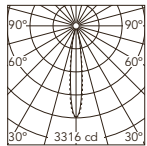
2700K

Non Dimmable

- 03.4983.06
- 03.4983.GL
- 03.4983.14

Dali Version / 1-10V / Push

- 03.4983.06.DA
- 03.4983.GL.DA
- 03.4983.14.DA



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	3316	0.25
2	829	0.50
3	368	0.75
4	207	0.99
5	133	1.24

Luminous flux luminaire 335 lm (EXTREME CUT OFF)

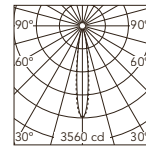
3000K

Non Dimmable

- 03.4982.06A
- 03.4982.GLA
- 03.4982.14A

Dali Version / 1-10V / Push

- 03.4982.06ADA
- 03.4982.GLADA
- 03.4982.14ADA



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	3560	0.25
2	890	0.50
3	396	0.75
4	222	0.99
5	142	1.24

Luminous flux luminaire 360 lm (EXTREME CUT OFF)

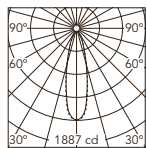
2700K

Non Dimmable

- 03.4995.06
- 03.4995.GL
- 03.4995.14

Dali Version / 1-10V / Push

- 03.4995.06.DA
- 03.4995.GL.DA
- 03.4995.14.DA



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1887	0.47
2	472	0.93
3	210	1.40
4	118	1.87
5	75	2.34

Luminous flux luminaire 537 lm (EXTREME CUT OFF)

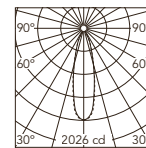
3000K

Non Dimmable

- 03.4994.06A
- 03.4994.GLA
- 03.4994.14A

Dali Version / 1-10V / Push

- 03.4994.06ADA
- 03.4994.GLADA
- 03.4994.14ADA



Beam Angle: 26°

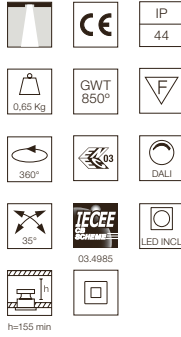
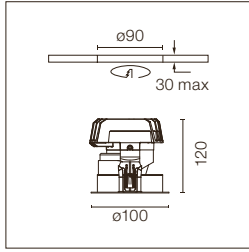
h(m)	E(lx)	D(m)
1	2026	0.47
2	506	0.93
3	225	1.40
4	127	1.87
5	81	2.34

Luminous flux luminaire 576 lm (EXTREME CUT OFF)

LIGHT SNIPER

Light Sniper Adjustable Round

Light Source: Power LED 11W - 910 lm - 2700K/CRI 90 / 11W - 1060 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

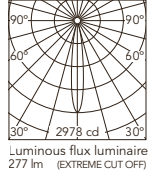
2700K

Non Dimmable

- 03.4985.06
- 03.4985.GL
- 03.4985.14

Dali Version / 1-10V / Push

- 03.4985.06.DA
- 03.4985.GL.DA
- 03.4985.14.DA



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	2978	0.26
2	744	0.52
3	331	0.78
4	186	1.04
5	119	1.30

Luminous flux luminaire 277 lm (EXTREME CUT OFF)

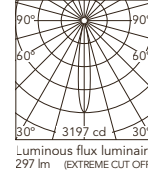
3000K

Non Dimmable

- 03.4984.06A
- 03.4984.GLA
- 03.4984.14A

Dali Version / 1-10V / Push

- 03.4984.06ADA
- 03.4984.GLADA
- 03.4984.14ADA



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	3197	0.26
2	799	0.52
3	355	0.78
4	200	1.04
5	128	1.30

Luminous flux luminaire 297 lm (EXTREME CUT OFF)

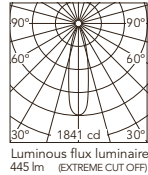
2700K

Non Dimmable

- 03.4997.06
- 03.4997.GL
- 03.4997.14

Dali Version / 1-10V / Push

- 03.4997.06.DA
- 03.4997.GL.DA
- 03.4997.14.DA



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1841	0.44
2	460	0.88
3	205	1.32
4	115	1.76
5	74	2.19

Luminous flux luminaire 445 lm (EXTREME CUT OFF)

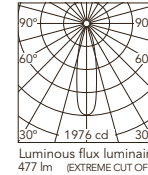
3000K

Non Dimmable

- 03.4996.06A
- 03.4996.GLA
- 03.4996.14A

Dali Version / 1-10V / Push

- 03.4996.06ADA
- 03.4996.GLADA
- 03.4996.14.ADA



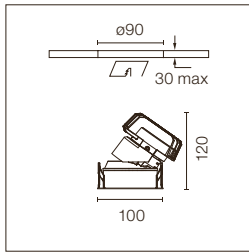
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1976	0.44
2	494	0.88
3	220	1.32
4	124	1.76
5	79	2.19

Luminous flux luminaire 477 lm (EXTREME CUT OFF)

Light Sniper Adjustable Square

Light Source: Power LED 11W - 910 lm - 2700K/CRI 90 / 11W - 1060 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

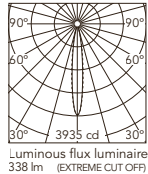
2700K

Non Dimmable

- 03.4987.06
- 03.4987.GL
- 03.4987.14

Dali Version / 1-10V / Push

- 03.4987.06.DA
- 03.4987.GL.DA
- 03.4987.14.DA



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	3935	0.23
2	984	0.47
3	437	0.70
4	246	0.94
5	157	1.17

Luminous flux luminaire 338 lm (EXTREME CUT OFF)

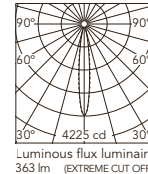
3000K

Non Dimmable

- 03.4986.06A
- 03.4986.GLA
- 03.4986.14A

Dali Version / 1-10V / Push

- 03.4986.06ADA
- 03.4986.GLADA
- 03.4986.14ADA



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	4225	0.23
2	1056	0.47
3	469	0.70
4	264	0.94
5	169	1.17

Luminous flux luminaire 363 lm (EXTREME CUT OFF)

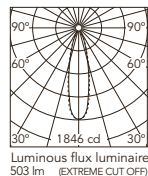
2700K

Non Dimmable

- 03.4999.06
- 03.4999.GL
- 03.4999.14

Dali Version / 1-10V / Push

- 03.4999.06.DA
- 03.4999.GL.DA
- 03.4999.14.DA



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1846	0.45
2	462	0.89
3	205	1.34
4	115	1.79
5	74	2.24

Luminous flux luminaire 503 lm (EXTREME CUT OFF)

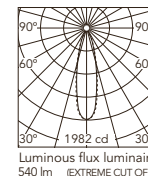
3000K

Non Dimmable

- 03.4998.06A
- 03.4998.GLA
- 03.4998.14A

Dali Version / 1-10V / Push

- 03.4998.06ADA
- 03.4998.GLADA
- 03.4998.14ADA



Beam Angle: 25°

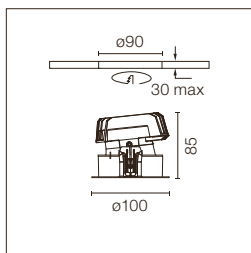
h(m)	E(lx)	D(m)
1	1982	0.45
2	495	0.89
3	220	1.34
4	124	1.79
5	79	2.24

Luminous flux luminaire 540 lm (EXTREME CUT OFF)

LIGHT SNIPER

Light Sniper Wall-Washer Round

Light Source: Power LED 11W - 910 lm - 2700K/CRI 90 / 11W - 1060 lm - 3000K/CRI 90

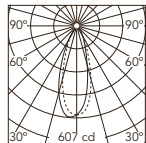


Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

2700K

Non Dimmable
03.4989.06
Dali Version / 1-10V / Push
03.4989.06.DA



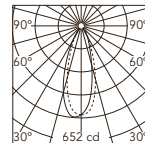
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	607	0.63
2	152	1.26
3	67	1.90
4	38	2.53
5	24	3.16

Luminous flux luminaire 322 lm @EXTREME CUT OFF

3000K

Non Dimmable
03.4988.06A
Dali Version / 1-10V / Push
03.4988.06ADA



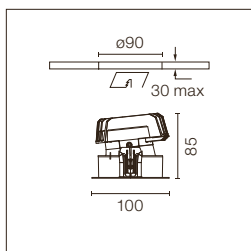
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	652	0.63
2	163	1.26
3	72	1.90
4	41	2.53
5	26	3.16

Luminous flux luminaire 346 lm @EXTREME CUT OFF

Light Sniper Wall-Washer Square

Light Source: Power LED 11W - 910 lm - 2700K/CRI 90 / 11W - 1060 lm - 3000K/CRI 90

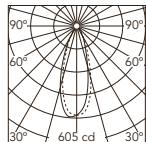


Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

2700K

Non Dimmable
03.4991.06
Dali Version / 1-10V / Push
03.4991.06.DA



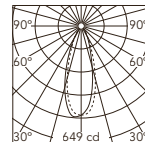
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	605	0.61
2	151	1.23
3	67	1.84
4	38	2.46
5	24	3.07

Luminous flux luminaire 316 lm @EXTREME CUT OFF

3000K

Non Dimmable
03.4990.06A
Dali Version / 1-10V / Push
03.4990.06ADA



Beam Angle: 34°

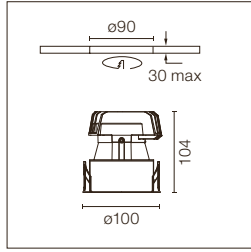
h(m)	E(lx)	D(m)
1	649	0.61
2	162	1.23
3	72	1.84
4	41	2.46
5	26	3.07

Luminous flux luminaire 339 lm @EXTREME CUT OFF

LIGHT SNIPER

Light Sniper Fixed Round

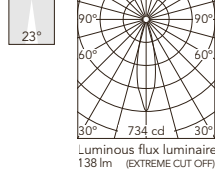
Light Source: Phosphor LED 9W - 800 lm - 3000K/CRI 98



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

- Non Dimmable
- 03.4632.06A
- 03.4632.GLA
- 03.4632.14A
- Dali Version
- 03.4632.06ADA
- 03.4632.GLADA
- 03.4632.14ADA
- 1-10V
- 03.4632.06A1V
- 03.4632.GLA1V
- 03.4632.14A1V

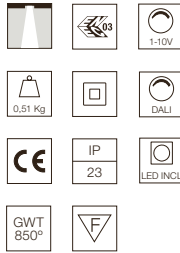
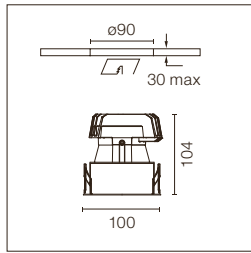


Beam Angle: 23°

h(m)	E(lx)	D(m)
1	734	0.41
2	183	0.82
3	82	1.23
4	46	1.64
5	29	2.05

Light Sniper Fixed Square

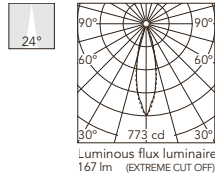
Light Source: Phosphor LED 9W - 800 lm - 3000K/CRI 98



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

- Non Dimmable
- 03.4633.06A
- 03.4633.GLA
- 03.4633.14A
- Dali Version
- 03.4633.06ADA
- 03.4633.GLADA
- 03.4633.14ADA
- 1-10V
- 03.4633.06A1V
- 03.4633.GLA1V
- 03.4633.14A1V



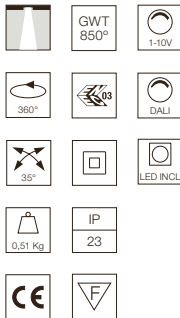
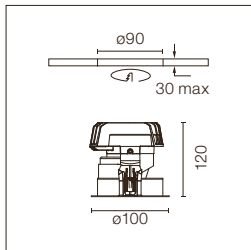
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	773	0.43
2	193	0.87
3	86	1.30
4	48	1.73
5	31	2.17

LIGHT SNIPER

Light Sniper Adjustable Round

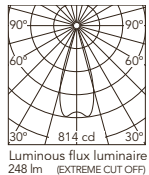
Light Source: Phosphor LED 9W - 800 lm - 3000K/CRI 98



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

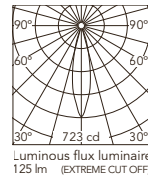
- Non Dimmable
- 03.4682.06A
- 03.4682.GLA
- 03.4682.14A
- Dali Version
- 03.4682.06ADA
- 03.4682.GLADA
- 03.4682.14ADA
- 1-10V
- 03.4682.06A1V
- 03.4682.GLA1V
- 03.4682.14A1V



Beam Angle: 35°

h(m)	E(lx)	D(m)
1	814	0.63
2	203	1.27
3	90	1.90
4	51	2.53
5	33	3.17

- Non Dimmable
- 03.4683.06A
- 03.4683.GLA
- 03.4683.14A
- Dali Version
- 03.4683.06ADA
- 03.4683.GLADA
- 03.4683.14ADA
- 1-10V
- 03.4683.06A1V
- 03.4683.GLA1V
- 03.4683.14A1V

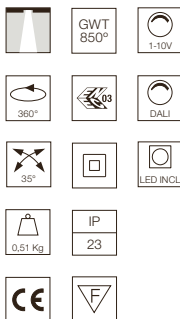
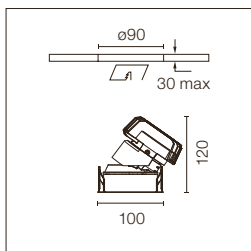


Beam Angle: 23°

h(m)	E(lx)	D(m)
1	723	0.40
2	181	0.80
3	80	1.20
4	45	1.60
5	29	2.00

Light Sniper Adjustable Square

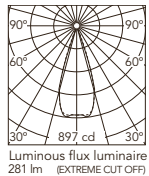
Light Source: Phosphor LED 9W - 800 lm - 3000K/CRI 98



Appareil d'éclairage encastré à LED à haut rendement. Alimentation à distance 220-240V comprise.

High-performance recessed luminaire with LED light source. Remote 220-240V power supply included.

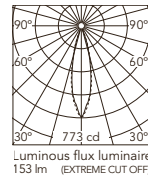
- Non Dimmable
- 03.4686.06A
- 03.4686.GLA
- 03.4686.14A
- Dali Version
- 03.4686.06ADA
- 03.4686.GLADA
- 03.4686.14ADA
- 1-10V
- 03.4686.06A1V
- 03.4686.GLA1V
- 03.4686.14A1V



Beam Angle: 36°

h(m)	E(lx)	D(m)
1	897	0.65
2	224	1.29
3	100	1.94
4	56	2.58
5	36	3.23

- Non Dimmable
- 03.4687.06A
- 03.4687.GLA
- 03.4687.14A
- Dali Version
- 03.4687.06ADA
- 03.4687.GLADA
- 03.4687.14ADA
- 1-10V
- 03.4687.06A1V
- 03.4687.GLA1V
- 03.4687.14A1V



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	773	0.42
2	193	0.85
3	86	1.27
4	48	1.69
5	31	2.11

Accessoires / Accessories

Les accessoires suivants permettent d'augmenter les prestations des appareils de la famille Light Sniper :

- Accessoire de protection pour plafond. Conseillé pour les installations sur plafonds fragiles.
- Accessoire "flush" qui permet l'installation à ras du mur ou du plafond.
- Accessoire "CAN" qui facilite l'installation sur les plafonds en béton. Il convient de prévoir l'accessoire à installer avant de réaliser le plafond en béton.
- Filtres colorés.

In order to increase the performances of the Light Sniper family, the following accessories are available:

- Accessory for ceiling protection. Recommended for delicate ceiling installation.
- "Flush" accessory, which allows a flush installation with the ceiling or wall.
- CAN accessory for installation in concrete. It facilitates installation on concrete ceilings. It is necessary to obtain and to install the accessory prior to the concrete ceiling.
- Color filters.

Cadre d'installation rond affleurant. 08.8239.00B



Flush ceiling round frame accessory.

Cadre d'installation carré à fleur affleurant. 08.8240.00B



Flush ceiling square frame accessory.

Accessoire de protection de plafond. 08.8243.00
50 Units
08.8243.00.5U
10 Units
08.8243.00.1U



Ceiling protector accessory.

Corps encastré en béton. 08.8250.00



Concrete installation can.

Accessoire de protection de plafond. Round 08.8229.30A



Ceiling protector accessory.

Square 08.8222.30A



Light Sniper: Power LED Fixed & Adjustable

Lentille elliptique 08.8041.68
Elliptical lens



Honeycomb 08.8412.14
Honeycomb



UT DOWNLIGHT

DESIGNED BY FLOS ARCHITECTURAL

TRIM / NO TRIM
Ø57



LIGHT SOURCE
LED ARRAY
18W
2000 lm
3000K/CRI 80
1600 lm
3000K/CRI 90
4000K/CRI 90

TRIM / NO TRIM
Ø86



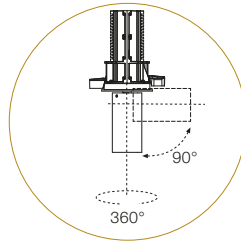
LIGHT SOURCE
LED ARRAY
HIGH
PERFORMANCES
27W
3214 lm
3000K/CRI 80
2656 lm
3000K/CRI 90
2767 lm
4000K/CRI 90

□ 30 Blanc
30 White

■ 14 Noir
14 Black



Peut être pivoté à 360° et orienté à 90°.
Can be rotated 360° and swivelled 90°.



UT DOWNLIGHT

Description

Appareil d'éclairage encastré à LED de haute puissance et inversion DALI et No DALI.

La famille est proposée en deux tailles (Ø57 e Ø86).

En position supérieure, il fonctionne en downlight et en position inférieure il fonctionne en projecteur orientable. Le corps optique de l'appareil d'éclairage est en aluminium injecté à haute pression, recouvert de peinture poudre de couleur blanche et noire.

Alimentation à distance incluse.

Unité d'Alimentation

Source d'alimentation à courant constant non réglable ou réglable DALI 220-240V incluse.

Accessoires

- Croix anti-éblouissement, lentille elliptique, lentille Flood et Honeycomb.

- Cadre de montage No Trim.

Informations Complémentaires

Indice de protection IP20.

Classe d'isolation II.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Interior lighting for embedded installation with high power LED technology light sources, in Dali and Non Dali versions.

The family is available in two sizes (Ø57 and Ø86).

In an upper position it functions as a downlight, and in a lower position it functions as a swivelling projector.

The optical body of the luminaire is manufactured in high-pressure die-cast aluminium, finished in black or white powder paint.

Remote power kit included.

Power Supply

Not dimmable or dimmable Dali 220-240V, constant current, power supply included.

Accessories

- Screening crosspiece, elliptical lens, flood lens and Honeycomb.

- No Trim installation frame.

Additional Information

IP20 protection grade.

Insulation class II.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Trim

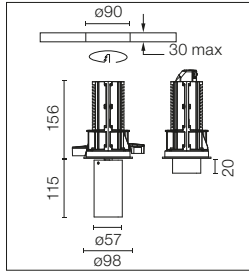


No Trim

UT DOWNLIGHT

Ut Downlight Trim Ø57

Light Source: LED Array 18W - 2000 lm - 3000K/CRI 80 / 18W - 1600 lm - 3000K/CRI 90 / 18W - 1600 lm - 4000K/CRI 90



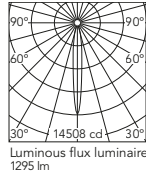
Appareil d'éclairage encastré à LED. Alimentation à distance 220-240V, 50-60Hz inclus.

Recessed luminaire with LED light source. 220-240V, 50-60Hz remote power supply included.

3000K - CRI 80

Non Dimmable

- 09.4510.30A
- 09.4510.14A
- Dali Version
- 09.4510.30ADA
- 09.4510.14ADA



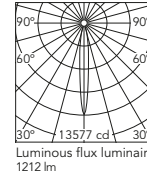
Beam Angle: 11°

h(m)	E(lx)	D(m)
1	14508	0.19
2	3627	0.39
3	1612	0.58
4	907	0.77
5	580	0.97

4000K - CRI 90

Non Dimmable

- 09.4516.30A
- 09.4516.14A
- Dali Version
- 09.4516.30ADA
- 09.4516.14ADA



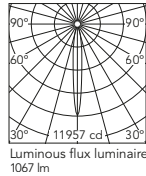
Beam Angle: 11°

h(m)	E(lx)	D(m)
1	13577	0.19
2	3394	0.39
3	1509	0.58
4	849	0.77
5	543	0.97

3000K - CRI 90

Non Dimmable

- 09.4513.30A
- 09.4513.14A
- Dali Version
- 09.4513.30ADA
- 09.4513.14ADA



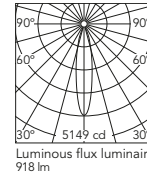
Beam Angle: 11°

h(m)	E(lx)	D(m)
1	11957	0.19
2	2989	0.39
3	1329	0.58
4	747	0.77
5	478	0.97

4000K - CRI 90

Non Dimmable

- 09.4517.30A
- 09.4517.14A
- Dali Version
- 09.4517.30ADA
- 09.4517.14ADA



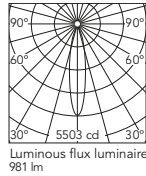
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5149	0.36
2	1287	0.72
3	572	1.09
4	322	1.45
5	206	1.81

3000K - CRI 80

Non Dimmable

- 09.4511.30A
- 09.4511.14A
- Dali Version
- 09.4511.30ADA
- 09.4511.14ADA



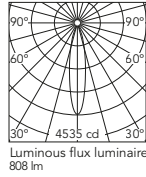
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5503	0.36
2	1376	0.72
3	611	1.09
4	344	1.45
5	220	1.81

3000K - CRI 90

Non Dimmable

- 09.4514.30A
- 09.4514.14A
- Dali Version
- 09.4514.30ADA
- 09.4514.14ADA



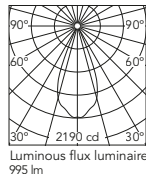
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	4535	0.36
2	1134	0.72
3	504	1.09
4	283	1.45
5	181	1.81

3000K - CRI 80

Non Dimmable

- 09.4512.30A
- 09.4512.14A
- Dali Version
- 09.4512.30ADA
- 09.4512.14ADA



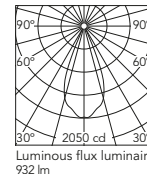
Beam Angle: 43°

h(m)	E(lx)	D(m)
1	2190	0.79
2	548	1.58
3	243	2.37
4	137	3.16
5	88	3.95

4000K - CRI 90

Non Dimmable

- 09.4518.30A
- 09.4518.14A
- Dali Version
- 09.4518.30ADA
- 09.4518.14ADA



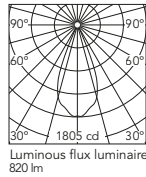
Beam Angle: 43°

h(m)	E(lx)	D(m)
1	2050	0.79
2	512	1.58
3	228	2.37
4	128	3.16
5	82	3.95

3000K - CRI 90

Non Dimmable

- 09.4515.30A
- 09.4515.14A
- Dali Version
- 09.4515.30ADA
- 09.4515.14ADA



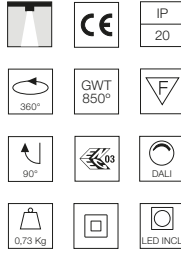
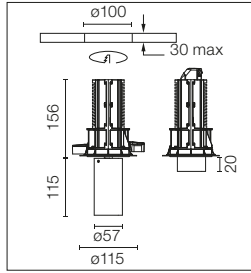
Beam Angle: 43°

h(m)	E(lx)	D(m)
1	1805	0.79
2	451	1.58
3	201	2.37
4	113	3.16
5	72	3.95

UT DOWNLIGHT

Ut Downlight No Trim Ø57

Light Source: LED Array 18W - 2000 lm - 3000K/CRI 80 / 18W - 1600 lm - 3000K/CRI 90 / 18W - 1600 lm - 4000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation à distance 220-240V, 50-60Hz inclus.

Recessed luminaire with LED light source. 220-240V, 50-60Hz remote power supply included.

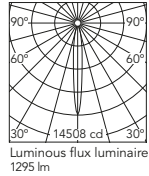
Cadre de pré-montage à commander séparément.

Pre-installation frame must be ordered separately.

3000K - CRI 80

Non Dimmable

- 09.4519.30A
- 09.4519.14A
- Dali Version
- 09.4519.30ADA
- 09.4519.14ADA



Beam Angle: 11°

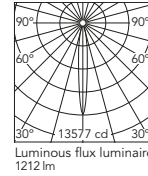
h(m)	E lx	D(m)
1	14508	0.19
2	3627	0.39
3	1612	0.58
4	907	0.77
5	580	0.97

Luminous flux luminaire 1295 lm

4000K - CRI 90

Non Dimmable

- 09.4525.30A
- 09.4525.14A
- Dali Version
- 09.4525.30ADA
- 09.4525.14ADA



Beam Angle: 11°

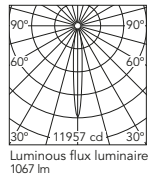
h(m)	E lx	D(m)
1	13577	0.19
2	3394	0.39
3	1509	0.58
4	849	0.77
5	543	0.97

Luminous flux luminaire 1212 lm

3000K - CRI 90

Non Dimmable

- 09.4522.30A
- 09.4522.14A
- Dali Version
- 09.4522.30ADA
- 09.4522.14ADA



Beam Angle: 11°

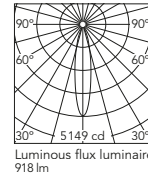
h(m)	E lx	D(m)
1	11957	0.19
2	2989	0.39
3	1329	0.58
4	747	0.77
5	478	0.97

Luminous flux luminaire 1067 lm

4000K - CRI 90

Non Dimmable

- 09.4526.30A
- 09.4526.14A
- Dali Version
- 09.4526.30ADA
- 09.4526.14ADA



Beam Angle: 21°

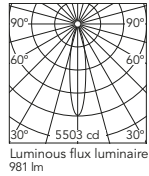
h(m)	E lx	D(m)
1	5149	0.36
2	1287	0.72
3	572	1.09
4	322	1.45
5	206	1.81

Luminous flux luminaire 918 lm

3000K - CRI 80

Non Dimmable

- 09.4520.30A
- 09.4520.14A
- Dali Version
- 09.4520.30ADA
- 09.4520.14ADA



Beam Angle: 21°

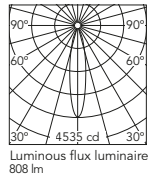
h(m)	E lx	D(m)
1	5503	0.36
2	1376	0.72
3	611	1.09
4	344	1.45
5	220	1.81

Luminous flux luminaire 981 lm

3000K - CRI 90

Non Dimmable

- 09.4523.30A
- 09.4523.14A
- Dali Version
- 09.4523.30ADA
- 09.4523.14ADA



Beam Angle: 21°

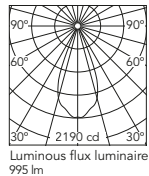
h(m)	E lx	D(m)
1	4535	0.36
2	1134	0.72
3	504	1.09
4	283	1.45
5	181	1.81

Luminous flux luminaire 808 lm

3000K - CRI 80

Non Dimmable

- 09.4521.30A
- 09.4521.14A
- Dali Version
- 09.4521.30ADA
- 09.4521.14ADA



Beam Angle: 43°

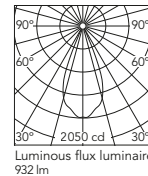
h(m)	E lx	D(m)
1	2190	0.79
2	548	1.58
3	243	2.37
4	137	3.16
5	88	3.95

Luminous flux luminaire 995 lm

4000K - CRI 90

Non Dimmable

- 09.4527.30A
- 09.4527.14A
- Dali Version
- 09.4527.30ADA
- 09.4527.14ADA



Beam Angle: 43°

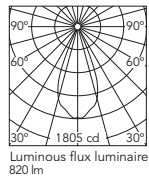
h(m)	E lx	D(m)
1	2050	0.79
2	512	1.58
3	228	2.37
4	128	3.16
5	82	3.95

Luminous flux luminaire 932 lm

3000K - CRI 90

Non Dimmable

- 09.4524.30A
- 09.4524.14A
- Dali Version
- 09.4524.30ADA
- 09.4524.14ADA



Beam Angle: 43°

h(m)	E lx	D(m)
1	1805	0.79
2	451	1.58
3	201	2.37
4	113	3.16
5	72	3.95

Luminous flux luminaire 820 lm

Accessoires / Accessories

Cadre de montage No Trim.

Installation frame No Trim.



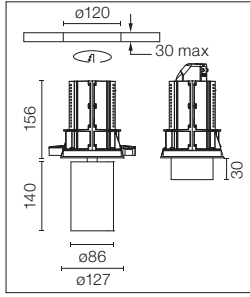
UT Downlight No Trim Ø57

- 08.8994.30
- 08.8994.14

UT DOWNLIGHT

Ut Downlight Trim Ø86

Light Source: LED Array High Performances 27W - 3214 lm - 3000K/CRI 80 / 27W - 2656 lm - 3000K/CRI 90 / 27W - 2767 lm - 4000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation à distance 220-240V, 50-60Hz inclus.
 Recessed luminaire with LED light source. 220-240V, 50-60Hz remote power supply included.

3000K - CRI 80

Non Dimmable

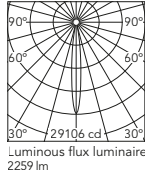
09.4910.30A

09.4910.14A

Dali Version

09.4910.30ADA

09.4910.14ADA



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	29106	0.21
2	7277	0.41
3	3234	0.62
4	1819	0.82
5	1164	1.03

Luminous flux luminaire
2259 lm

4000K - CRI 90

Non Dimmable

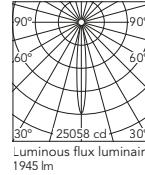
09.4916.30A

09.4916.14A

Dali Version

09.4916.30ADA

09.4916.14ADA



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	25058	0.21
2	6265	0.41
3	2784	0.62
4	1566	0.82
5	1002	1.03

Luminous flux luminaire
1945 lm

3000K - CRI 90

Non Dimmable

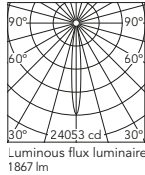
09.4913.30A

09.4913.14A

Dali Version

09.4913.30ADA

09.4913.14ADA



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	24053	0.21
2	6013	0.41
3	2673	0.62
4	1503	0.82
5	962	1.03

Luminous flux luminaire
1867 lm

3000K - CRI 80

Non Dimmable

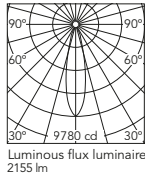
09.4911.30A

09.4911.14A

Dali Version

09.4911.30ADA

09.4911.14ADA



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	9780	0.43
2	2445	0.86
3	1087	1.28
4	611	1.71
5	391	2.14

Luminous flux luminaire
2155 lm

4000K - CRI 90

Non Dimmable

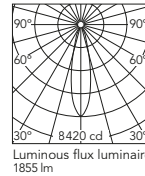
09.4917.30A

09.4917.14A

Dali Version

09.4917.30ADA

09.4917.14ADA



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	8420	0.43
2	2105	0.86
3	936	1.28
4	526	1.71
5	337	2.14

Luminous flux luminaire
1855 lm

3000K - CRI 90

Non Dimmable

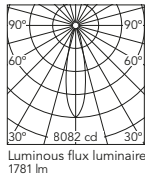
09.4914.30A

09.4914.14A

Dali Version

09.4914.30ADA

09.4914.14ADA



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	8082	0.43
2	2020	0.86
3	898	1.28
4	505	1.71
5	323	2.14

Luminous flux luminaire
1781 lm

3000K - CRI 80

Non Dimmable

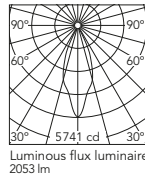
09.4912.30A

09.4912.14A

Dali Version

09.4912.30ADA

09.4912.14ADA



Beam Angle: 37°

h(m)	E(lx)	D(m)
1	5741	0.67
2	1435	1.34
3	638	2.01
4	359	2.69
5	230	3.36

Luminous flux luminaire
2053 lm

4000K - CRI 90

Non Dimmable

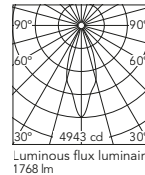
09.4918.30A

09.4918.14A

Dali Version

09.4918.30ADA

09.4918.14ADA



Beam Angle: 37°

h(m)	E(lx)	D(m)
1	4943	0.67
2	1236	1.34
3	549	2.01
4	309	2.69
5	198	3.36

Luminous flux luminaire
1768 lm

3000K - CRI 90

Non Dimmable

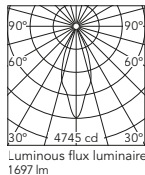
09.4915.30A

09.4915.14A

Dali Version

09.4915.30ADA

09.4915.14ADA



Beam Angle: 37°

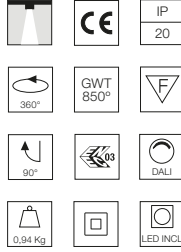
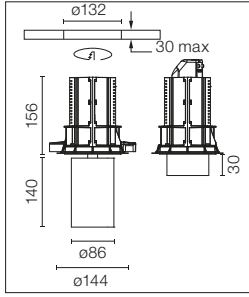
h(m)	E(lx)	D(m)
1	4745	0.67
2	1186	1.34
3	527	2.01
4	297	2.69
5	190	3.36

Luminous flux luminaire
1697 lm

UT DOWNLIGHT

Ut Downlight No Trim Ø86

Light Source: LED Array High Performances 27W - 3214 lm - 3000K/CRI 80 / 27W - 2656 lm - 3000K/CRI 90 / 27W - 2767 lm - 4000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation à distance 220-240V, 50-60Hz inclus.

Recessed luminaire with LED light source. 220-240V, 50-60Hz remote power supply included.

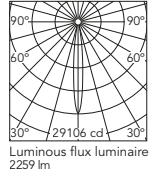
Cadre de pré-montage à commander séparément.

Pre-installation frame must be ordered separately.

3000K - CRI 80

Non Dimmable

- 09.4919.30A
- 09.4919.14A
- Dali Version
- 09.4919.30ADA
- 09.4919.14ADA



Beam Angle: 12°

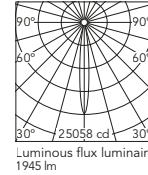
h(m)	E(lx)	D(m)
1	29106	0.21
2	7277	0.41
3	3234	0.62
4	1819	0.82
5	1164	1.03

Luminous flux luminaire 2259 lm

4000K - CRI 90

Non Dimmable

- 09.4925.30A
- 09.4925.14A
- Dali Version
- 09.4925.30ADA
- 09.4925.14ADA



Beam Angle: 12°

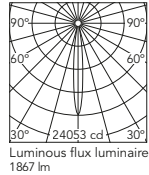
h(m)	E(lx)	D(m)
1	25058	0.21
2	6265	0.41
3	2784	0.62
4	1566	0.82
5	1002	1.03

Luminous flux luminaire 1945 lm

3000K - CRI 90

Non Dimmable

- 09.4922.30A
- 09.4922.14A
- Dali Version
- 09.4922.30ADA
- 09.4922.14ADA



Beam Angle: 12°

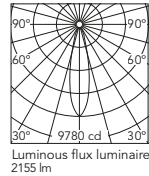
h(m)	E(lx)	D(m)
1	24053	0.21
2	6013	0.41
3	2673	0.62
4	1503	0.82
5	962	1.03

Luminous flux luminaire 1867 lm

3000K - CRI 80

Non Dimmable

- 09.4920.30A
- 09.4920.14A
- Dali Version
- 09.4920.30ADA
- 09.4920.14ADA



Beam Angle: 24°

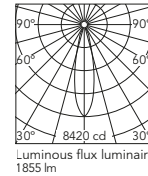
h(m)	E(lx)	D(m)
1	9780	0.43
2	2445	0.86
3	1087	1.28
4	611	1.71
5	391	2.14

Luminous flux luminaire 2155 lm

4000K - CRI 90

Non Dimmable

- 09.4926.30A
- 09.4926.14A
- Dali Version
- 09.4926.30ADA
- 09.4926.14ADA



Beam Angle: 24°

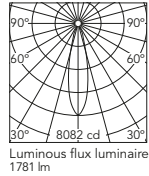
h(m)	E(lx)	D(m)
1	8420	0.43
2	2105	0.86
3	936	1.28
4	526	1.71
5	337	2.14

Luminous flux luminaire 1855 lm

3000K - CRI 90

Non Dimmable

- 09.4923.30A
- 09.4923.14A
- Dali Version
- 09.4923.30ADA
- 09.4923.14ADA



Beam Angle: 24°

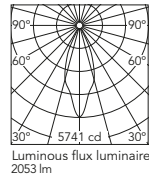
h(m)	E(lx)	D(m)
1	8082	0.43
2	2020	0.86
3	898	1.28
4	505	1.71
5	323	2.14

Luminous flux luminaire 1781 lm

3000K - CRI 80

Non Dimmable

- 09.4921.30A
- 09.4921.14A
- Dali Version
- 09.4921.30ADA
- 09.4921.14ADA



Beam Angle: 37°

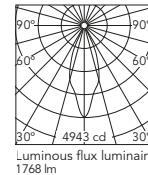
h(m)	E(lx)	D(m)
1	5741	0.67
2	1435	1.34
3	638	2.01
4	359	2.69
5	230	3.36

Luminous flux luminaire 2053 lm

4000K - CRI 90

Non Dimmable

- 09.4927.30A
- 09.4927.14A
- Dali Version
- 09.4927.30ADA
- 09.4927.14ADA



Beam Angle: 37°

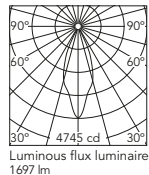
h(m)	E(lx)	D(m)
1	4943	0.67
2	1236	1.34
3	549	2.01
4	309	2.69
5	198	3.36

Luminous flux luminaire 1768 lm

3000K - CRI 90

Non Dimmable

- 09.4924.30A
- 09.4924.14A
- Dali Version
- 09.4924.30ADA
- 09.4924.14ADA



Beam Angle: 37°

h(m)	E(lx)	D(m)
1	4745	0.67
2	1186	1.34
3	527	2.01
4	297	2.69
5	190	3.36

Luminous flux luminaire 1697 lm

Accessoires / Accessories

Cadre de montage No Trim.

Installation frame No Trim.



UT Downlight No Trim Ø86

- 08.8995.30
- 08.8995.14

LIGHT SUPPLY

DESIGNED BY FLOS ARCHITECTURAL

FIXED
TRIM / NO TRIM



LIGHT SOURCE
PHOSPHOR
LED
26W
2285 lm
3000K/CRI 98
28W
3000 lm
4000K/CRI 80

LIGHT SOURCE
LED ARRAY
HIGH
PERFORMANCES
29W
3402 lm
3000K/CRI 80
2811 lm
3000K/CRI 90
2929 lm
4000K/CRI 90

ADJUSTABLE
TRIM / NO TRIM



LIGHT SOURCE
PHOSPHOR
LED
26W
2285 lm
3000K/CRI 98
28W
3000 lm
4000K/CRI 80

LIGHT SOURCE
LED ARRAY
HIGH
PERFORMANCES
30,1W
3402 lm
3000K/CRI 80
2811 lm
3000K/CRI 90
2929 lm
4000K/CRI 90

WALL-WASHER
TRIM / NO TRIM



LIGHT SOURCE
PHOSPHOR
LED
26W
2285 lm
3000K/CRI 98
28W
3000 lm
4000K/CRI 80

LIGHT SOURCE
LED ARRAY
HIGH
PERFORMANCES
33,2W
3770 lm
3000K/CRI 80
3116 lm
3000K/CRI 90
3246 lm
4000K/CRI 90

Light Supply Adjustable

40 Blanc
40 White

14 Noir
14 Black



Light Supply Fixed & Wall-Washer Trim

Anneau Extérieur / External Ring

Blanc
White

Noir
Black

Réflecteur / Reflector

Aluminium
Aluminium

Blanc
White

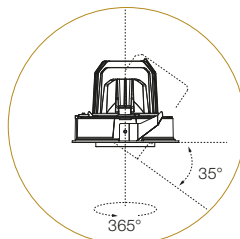
Aluminium
Aluminium

Blanc
White



Peut être pivoté à 365° et orienté à 35°.
Can be rotated 365° and swivelled 35°.

Light Supply Adjustable



Description

Nouvelle famille d'appareils encastrés conçue pour obtenir un flux maximal avec un design compact de 165mm de diamètre offrant jusqu'à 3000 lm, grâce à la toute dernière technologie de modules LED.

Disponible en version fixe, ajustable et wall-washer. La version ajustable est équipée d'un cylindre de support de l'optique interchangeable et facilement démontable pour permettre un accès complet aux composants électroniques et installer les accessoires professionnels proposés.

Pour une plus grande flexibilité et faire évoluer l'installation, des réflecteurs à faisceau étroit, intermédiaires et larges sont proposés en tant qu'accessoires, pour modifier le faisceau de lumière sans même avoir à démonter le produit du plafond.

Toutes les versions No Trim peuvent être installées avec cadre de montage métallique ou intégrées dans le faux-plafond en placo-plâtre, avec une plaque d'installation en technologie Soft.

Réflecteurs

Fabriqués en aluminium super pur à finition spéculaire. Faisceau étroit symétrique à rotation circulaire, médium et large pour la version réglable ou flood pour la version fixe.

Unité d'Alimentation

Cablage inclus, prêt à être connecté au driver à distance. Versions sans driver et dimmable 1-10V disponibles sur demande.

Accessoires

Pour la version ajustable:

- Lentille de distribution elliptique.
- Honeycomb.
- Réflecteurs à faisceau étroit, médium, flood.

Pour toutes les versions No Trim :

- Cadre de montage ou plaque d'installation Soft Architecture pour la version ajustable.

Informations Complémentaires

Versions orientables de 35° et rotation de 365°. Indice de protection IP23, IP44 selon les versions. Classe d'isolation II.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

New downlight family developed to get a maximum flux in a compact design. 165mm diameter offering up to 3000 lm thanks to latest technology LED modules.

Available in fixed, adjustable and wall-washer version. Adjustable version features a dismantable optic support cylinder, to be easily unscrewed from the luminaire, in order to completely access the electronic and to install the professional accessories available.

To offer maximum flexibility and installation evolution in time, reflector of spot, medium and flood optic are also available as accessories, to change the light beam dimension without even needing to dismount the fixture from the ceiling.

All Light Supply No Trim versions can be mounted in a standard pre-installation metal frame or, for total integration in plasterboard ceiling, in a Soft Technology installation plate.

Reflectors

All super pure aluminum with specular finish. Circular roto symmetrical spot, medium and flood for the adjustable version, flood for the fixed version.

Power Supply

Cabling included, ready to be powered by included remote driver.

Versions without driver and 1-10V dimmable available on request.

Accessories

For adjustable version:

- Elliptical distribution lens.
- Honeycomb.
- Spare part of spot, medium, flood optics reflectors.

For all No Trim versions:

- Pre-installation frame or Soft Architecture installation plate for adjustable version.

Additional Information

In the adjustable versions, 35° tilt and 365° rotation. IP23, IP44 protection grade depending on the versions. Insulation class II.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Fixed / Adjustable /
Wall-Washer
Trim



Fixed
No Trim



Adjustable
No Trim



Wall-Washer
No Trim

LIGHT SUPPLY



Grâce à la technologie à phosphore déporté, les modules LED qui équipent les versions Phosphor LED offrent la meilleure qualité de lumière possible et la perception des objets et des espaces atteint des indices de reproduction chromatique jusqu'à 98, selon les versions.

Toutes les versions de 3000K sont disponibles sur demande en "version retail". Cette option prévoit un module Phosphor Led spécial qui, outre tous les avantages en termes d'économie d'énergie et de fiabilité, reproduit la fréquence de la lumière d'une lampe à iodure métallique. Cette solution innovante améliore la perception des couleurs et la représentation de la couleur blanche, en plus de réduire la radiation du spectre violet préjudiciable aux œuvres d'art ; elle est donc particulièrement adaptée aux projets commerciaux et muséographiques. Les modules LED installés dans les versions LED Array sont équipés de la dernière génération technologique qui permet une température moyenne plus faible au niveau de l'électronique. Grâce à cette caractéristique, le luminaire peut fonctionner à plus forte puissance dans la limite des paramètres de sécurité, en offrant une augmentation de 20% du flux lumineux.

Thanks to remote-phosphor technology, the LED modules of the Phosphor LED version offer maximum quality light, the perception of objects and spaces, reaching chromatic reproduction indices of 98, depending on the version.

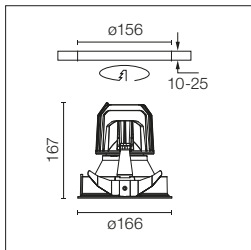
All the 3000K versions are available under request in the "Retail version". This option has a special Phosphor LED module that, with all the advantages regarding energy saving and reliability available on the market, reproduces the frequency of the light of a metal halide lamp. This innovative solution improves the perception of colours and the representation of white, in addition to reducing the radiation of the violet spectrum, damaging to works of art, so, it is especially indicated for commercial and museum purposes.

The LED modules installed on the LED Array versions have cutting-edge technology that permit a lower average temperature in the electronics. Thanks to this feature, the luminaire can operate at a higher power inside the safety parameters, yet still offer 20% added luminous flux.

LIGHT SUPPLY

Light Supply Fixed Trim

Light Source: Phosphor LED 26W - 2285 lm - 3000K/CRI 98 / 28W - 3000 lm - 4000K/CRI 80



Appareil d'éclairage encastré à LED. Alimentation à distance 220/240V comprise.

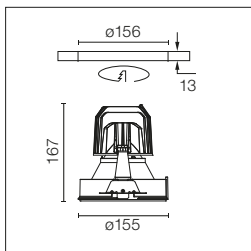
E = Finition Externe
I = Finition Interne.

Appareil d'éclairage encastré à LED. Alimentation à distance 220/240V comprise.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

E= External Finish
I= Internal Finish.

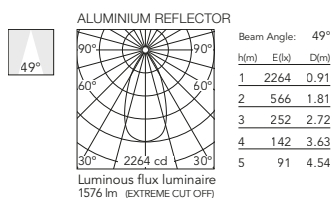
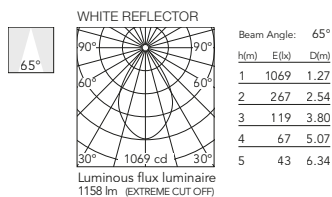
Light Supply Fixed No Trim



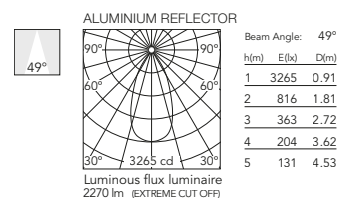
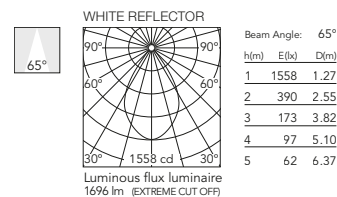
Cadre de pré-montage. À commander séparément.

Pre-installation frame. To be ordered separately.

- 3000K - CRI 98**
- E I Trim**
- 03.6611.3B
 - 03.6611.3C
 - E I Dali Version/1-10V**
 - 03.6611.3B.DA
 - 03.6611.3C.DA
- E I**
- 03.6611.1B
 - 03.6611.1C
 - E I Dali Version/1-10V**
 - 03.6611.1B.DA
 - 03.6611.1C.DA
- No Trim**
- 03.6626.40
 - 03.6626.06
 - Dali Version/1-10V**
 - 03.6626.40.DA
 - 03.6626.06.DA



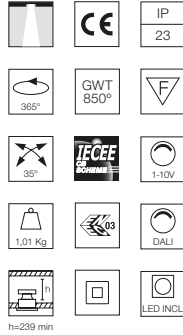
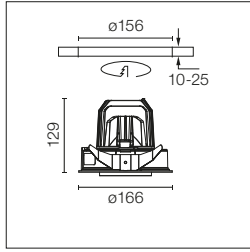
- 4000K - CRI 80**
- E I Trim**
- 03.6610.3B
 - 03.6610.3C
 - E I Dali Version/1-10V**
 - 03.6610.3B.DA
 - 03.6610.3C.DA
- E I**
- 03.6610.1B
 - 03.6610.1C
 - E I Dali Version/1-10V**
 - 03.6610.1B.DA
 - 03.6610.1C.DA
- No Trim**
- 03.6625.40
 - 03.6625.06
 - Dali Version/1-10V**
 - 03.6625.40.DA
 - 03.6625.06.DA



LIGHT SUPPLY

Light Supply Adjustable Trim

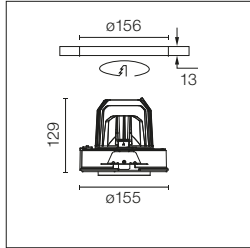
Light Source: Phosphor LED 26W - 2285 lm - 3000K/CRI 98



Appareil d'éclairage encastré à LED. Alimentation à distance 220/240V comprise.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

Light Supply Adjustable No Trim



Cadre de pré-montage ou plaque d'installation Soft Architecture pour No Trim. À commander séparément.

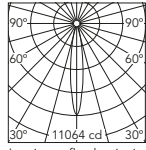
Pre-installation frame or Soft Architecture installation plate for No Trim installation. To be ordered separately.

3000K - CRI 98 Trim

- 03.6606.40
- 03.6606.14
- Dali Version/1-10V
- 03.6606.40.DA
- 03.6606.14.DA

No Trim

- 03.6621.40
- 03.6621.14
- Dali Version/1-10V
- 03.6621.40.DA
- 03.6621.14.DA



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	11064	0.28
2	2766	0.56
3	1229	0.84
4	692	1.12
5	443	1.40

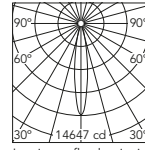
Luminous flux luminaire 1363 lm (EXTREME CUT OFF)

4000K - CRI 80 Trim

- 03.6603.40
- 03.6603.14
- Dali Version/1-10V
- 03.6603.40.DA
- 03.6603.14.DA

No Trim

- 03.6618.40
- 03.6618.14
- Dali Version/1-10V
- 03.6618.40.DA
- 03.6618.14.DA



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	14647	0.29
2	3662	0.58
3	1627	0.87
4	915	1.15
5	586	1.44

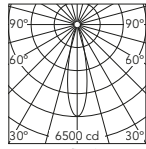
Luminous flux luminaire 1871 lm (EXTREME CUT OFF)

3000K - CRI 98 Trim

- 03.6607.40
- 03.6607.14
- Dali Version/1-10V
- 03.6607.40.DA
- 03.6607.14.DA

No Trim

- 03.6622.40
- 03.6622.14
- Dali Version/1-10V
- 03.6622.40.DA
- 03.6622.14.DA



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	6500	0.42
2	1625	0.84
3	722	1.27
4	406	1.69
5	260	2.11

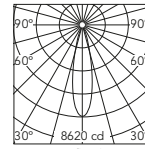
Luminous flux luminaire 1297 lm (EXTREME CUT OFF)

4000K - CRI 80 Trim

- 03.6604.40
- 03.6604.14
- Dali Version/1-10V
- 03.6604.40.DA
- 03.6604.14.DA

No Trim

- 03.6619.40
- 03.6619.14
- Dali Version/1-10V
- 03.6619.40.DA
- 03.6619.14.DA



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	8620	0.42
2	2155	0.85
3	958	1.27
4	539	1.70
5	345	2.12

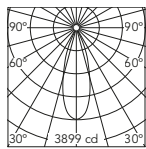
Luminous flux luminaire 1743 lm (EXTREME CUT OFF)

3000K - CRI 98 Trim

- 03.6608.40
- 03.6608.14
- Dali Version/1-10V
- 03.6608.40.DA
- 03.6608.14.DA

No Trim

- 03.6623.40
- 03.6623.14
- Dali Version/1-10V
- 03.6623.40.DA
- 03.6623.14.DA



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	3899	0.59
2	975	1.18
3	433	1.77
4	244	2.37
5	156	2.96

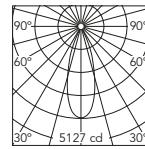
Luminous flux luminaire 1292 lm (EXTREME CUT OFF)

4000K - CRI 80 Trim

- 03.6605.40
- 03.6605.14
- Dali Version/1-10V
- 03.6605.40.DA
- 03.6605.14.DA

No Trim

- 03.6620.40
- 03.6620.14
- Dali Version/1-10V
- 03.6620.40.DA
- 03.6620.14.DA



Beam Angle: 33°

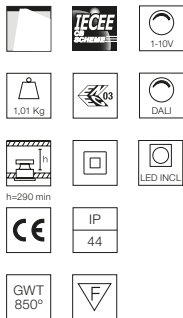
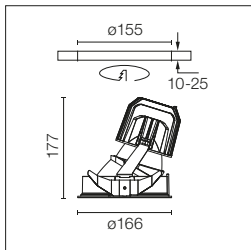
h(m)	E(lx)	D(m)
1	5127	0.60
2	1282	1.19
3	570	1.79
4	320	2.39
5	205	2.99

Luminous flux luminaire 1725 lm (EXTREME CUT OFF)

LIGHT SUPPLY

Light Supply Wall-Washer Trim

Light Source: Phosphor LED 26W - 2285 lm - 3000K/CRI 98 / 28W - 3000 lm - 4000K/CRI 80



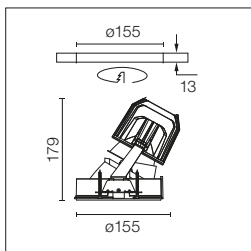
Appareil d'éclairage encastré à LED. Alimentation à distance 220/240V comprise.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

E = Finition Externe
I = Finition Interne.

E= External Finish
I= Internal Finish.

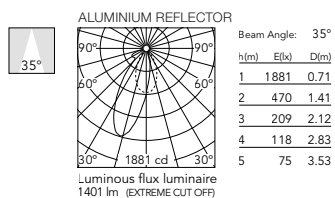
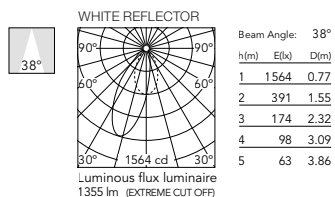
Light Supply Wall-Washer No Trim



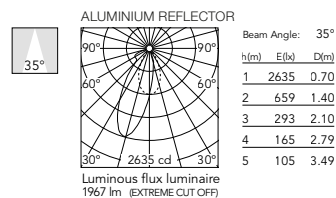
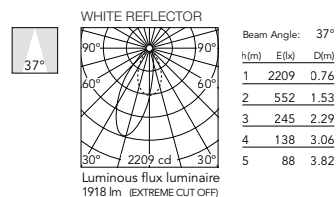
Cadre de pré-montage. À commander séparément.

Pre-installation frame. To be ordered separately.

- 3000K - CRI 98**
- E I Trim**
- 03.6614.3B
 - 03.6614.3C
 - E I Dali Version/1-10V**
 - 03.6614.3B.DA
 - 03.6614.3C.DA
- E I**
- 03.6614.1B
 - 03.6614.1C
- E I Dali Version/1-10V**
- 03.6614.1B.DA
 - 03.6614.1C.DA
- No Trim**
- 03.6629.40
 - 03.6629.06
 - Dali Version/1-10V**
 - 03.6629.40.DA
 - 03.6629.06.DA



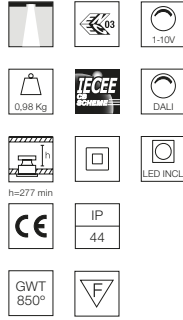
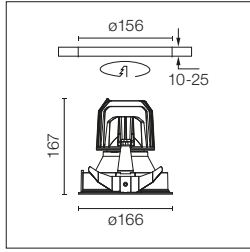
- 4000K - CRI 80**
- E I Trim**
- 03.6613.3B
 - 03.6613.3C
 - E I Dali Version/1-10V**
 - 03.6613.3B.DA
 - 03.6613.3C.DA
- E I**
- 03.6613.1B
 - 03.6613.1C
- E I Dali Version/1-10V**
- 03.6613.1B.DA
 - 03.6613.1C.DA
- No Trim**
- 03.6628.40
 - 03.6628.06
 - Dali Version/1-10V**
 - 03.6628.40.DA
 - 03.6628.06.DA



LIGHT SUPPLY

Light Supply Fixed Trim

Light Source: LED Array High Performances 29W - 3402 lm - 3000K/CRI 80 / 29W - 2811 lm - 3000K/CRI 90 / 29W - 2929 lm - 4000K/CRI 90



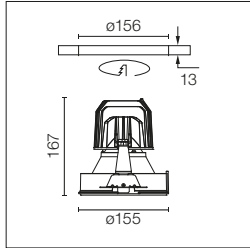
Appareil d'éclairage encastré à LED. Alimentation à distance 220/240V comprise.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

E = Finition Externe
I = Finition Interne.

E= External Finish
I= Internal Finish.

Light Supply Fixed No Trim



Cadre de pré-montage. À commander séparément.

Pre-installation frame. To be ordered separately.

3000K - CRI 90

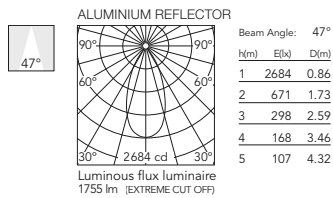
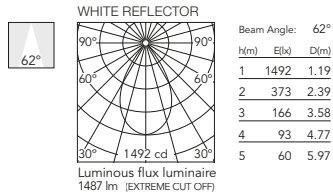
Trim

- E I 03.6811.3BA
- E I 03.6811.3CA
- E I Dali Version/1-10V
- E I 03.6811.3BADA
- E I 03.6811.3CADA

- E I 03.6811.1BA
- E I 03.6811.1CA
- E I Dali Version/1-10V
- E I 03.6811.1BADA
- E I 03.6811.1CADA

No Trim

- 03.6826.40A
- 03.6826.06A
- Dali Version/1-10V
- 03.6826.40ADA
- 03.6826.06ADA



4000K - CRI 90

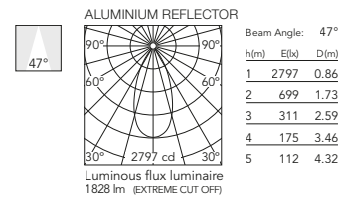
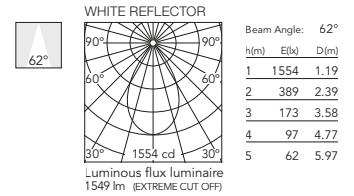
Trim

- E I 03.6810.3BA
- E I 03.6810.3CA
- E I Dali Version/1-10V
- E I 03.6810.3BADA
- E I 03.6810.3CADA

- E I 03.6810.1BA
- E I 03.6810.1CA
- E I Dali Version/1-10V
- E I 03.6810.1BADA
- E I 03.6810.1CADA

No Trim

- 03.6825.40A
- 03.6825.06A
- Dali Version/1-10V
- 03.6825.40ADA
- 03.6825.06ADA



3000K - CRI 80

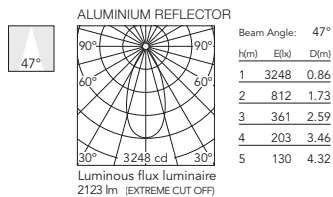
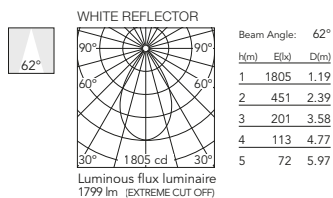
Trim

- E I 03.6809.3BA
- E I 03.6809.3CA
- E I Dali Version/1-10V
- E I 03.6809.3BADA
- E I 03.6809.3CADA

- E I 03.6809.1BA
- E I 03.6809.1CA
- E I Dali Version/1-10V
- E I 03.6809.1BADA
- E I 03.6809.1CADA

No Trim

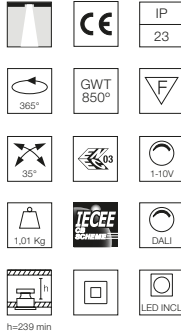
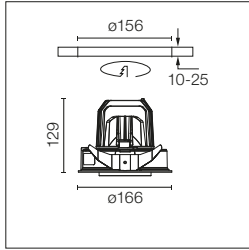
- 03.6824.40A
- 03.6824.06A
- Dali Version/1-10V
- 03.6824.40ADA
- 03.6824.06ADA



LIGHT SUPPLY

Light Supply Adjustable Trim

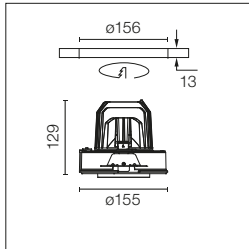
Light Source: LED Array High Performances 30,1W - 2811 lm - 3000K/CRI 90 / 30,1W - 2929 lm - 4000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation à distance 220/240V comprise.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

Light Supply Adjustable No Trim



Cadre de pré-montage ou plaque d'installation Soft Architecture pour No Trim. À commander séparément.

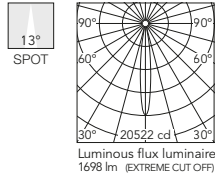
Pre-installation frame or Soft Architecture installation plate for No Trim installation. To be ordered separately.

3000K - CRI 90 Trim

- 03.6806.40A
- 03.6806.14A
- Dali Version/1-10V
- 03.6806.40ADA
- 03.6806.14ADA

No Trim

- 03.6821.40A
- 03.6821.14A
- Dali Version/1-10V
- 03.6821.40ADA
- 03.6821.14ADA



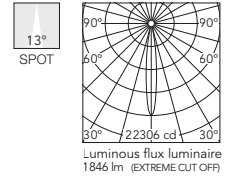
Beam Angle: 13°	h(m)	E(lx)	D(m)
1	20522	0.23	
2	5131	0.46	
3	2280	0.69	
4	1283	0.92	
5	821	1.15	

4000K - CRI 90 Trim

- 03.6803.40A
- 03.6803.14A
- Dali Version/1-10V
- 03.6803.40ADA
- 03.6803.14ADA

No Trim

- 03.6818.40A
- 03.6818.14A
- Dali Version/1-10V
- 03.6818.40ADA
- 03.6818.14ADA



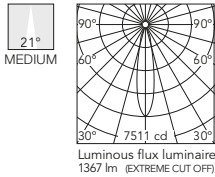
Beam Angle: 13°	h(m)	E(lx)	D(m)
1	22306	0.23	
2	5576	0.46	
3	2478	0.69	
4	1394	0.92	
5	892	1.15	

3000K - CRI 90 Trim

- 03.6807.40A
- 03.6807.14A
- Dali Version/1-10V
- 03.6807.40ADA
- 03.6807.14ADA

No Trim

- 03.6822.40A
- 03.6822.14A
- Dali Version/1-10V
- 03.6822.40ADA
- 03.6822.14ADA



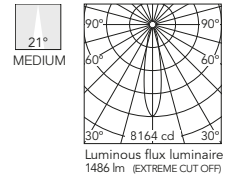
Beam Angle: 21°	h(m)	E(lx)	D(m)
1	7511	0.37	
2	1878	0.75	
3	835	1.12	
4	469	1.49	
5	300	1.87	

4000K - CRI 90 Trim

- 03.6804.40A
- 03.6804.14A
- Dali Version/1-10V
- 03.6804.40ADA
- 03.6804.14ADA

No Trim

- 03.6819.40A
- 03.6819.14A
- Dali Version/1-10V
- 03.6819.40ADA
- 03.6819.14ADA



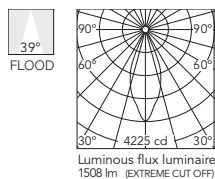
Beam Angle: 21°	h(m)	E(lx)	D(m)
1	8164	0.37	
2	2041	0.75	
3	907	1.12	
4	510	1.49	
5	327	1.87	

3000K - CRI 90 Trim

- 03.6808.40A
- 03.6808.14A
- Dali Version/1-10V
- 03.6808.40ADA
- 03.6808.14ADA

No Trim

- 03.6823.40A
- 03.6823.14A
- Dali Version/1-10V
- 03.6823.40ADA
- 03.6823.14ADA



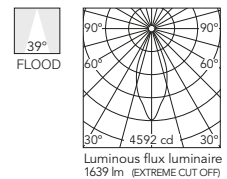
Beam Angle: 39°	h(m)	E(lx)	D(m)
1	4225	0.71	
2	1056	1.42	
3	469	2.14	
4	264	2.85	
5	169	3.56	

4000K - CRI 90 Trim

- 03.6805.40A
- 03.6805.14A
- Dali Version/1-10V
- 03.6805.40ADA
- 03.6805.14ADA

No Trim

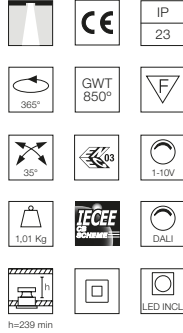
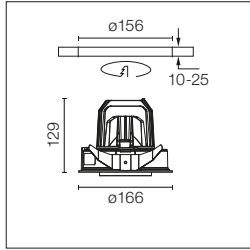
- 03.6820.40A
- 03.6820.14A
- Dali Version/1-10V
- 03.6820.40ADA
- 03.6820.14ADA



Beam Angle: 39°	h(m)	E(lx)	D(m)
1	4592	0.71	
2	1148	1.42	
3	510	2.14	
4	287	2.85	
5	184	3.56	

Light Supply Adjustable Trim

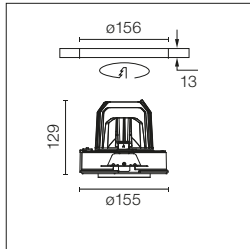
Light Source: LED Array High Performances 30,1W - 3402 lm - 3000K CRI 80



Appareil d'éclairage encastré à LED. Alimentation à distance 220/240V comprise.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

Light Supply Adjustable No Trim



Cadre de pré-montage ou plaque d'installation Soft Architecture pour No Trim. À commander séparément.

Pre-installation frame or Soft Architecture installation plate for No Trim installation. To be ordered separately.

3000K - CRI 80 Trim

- 03.6800.40A
- 03.6800.14A

Dali Version/1-10V

- 03.6800.40ADA
- 03.6800.14ADA

No Trim

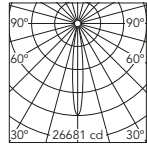
- 03.6815.40A
- 03.6815.14A

Dali Version/1-10V

- 03.6815.40ADA
- 03.6815.14ADA



13° SPOT



Luminous flux lumineaire 2208 lm (EXTREME CUT OFF)

Beam Angle: 13°

h(m)	E(lx)	D(m)
1	26681	0.23
2	6670	0.46
3	2965	0.69
4	1668	0.92
5	1067	1.15

3000K - CRI 80 Trim

- 03.6801.40A
- 03.6801.14A

Dali Version/1-10V

- 03.6801.40ADA
- 03.6801.14ADA

No Trim

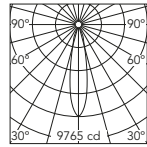
- 03.6816.40A
- 03.6816.14A

Dali Version/1-10V

- 03.6816.40ADA
- 03.6816.14.ADA



21° MEDIUM



Luminous flux lumineaire 1777 lm (EXTREME CUT OFF)

Beam Angle: 21°

h(m)	E(lx)	D(m)
1	9765	0.37
2	2441	0.75
3	1085	1.12
4	610	1.49
5	391	1.87

3000K - CRI 80 Trim

- 03.6802.40A
- 03.6802.14A

Dali Version/1-10V

- 03.6802.40ADA
- 03.6802.14ADA

No Trim

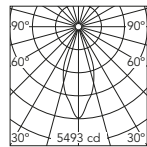
- 03.6817.40A
- 03.6817.14A

Dali Version/1-10V

- 03.6817.40ADA
- 03.6817.14ADA



39° FLOOD



Luminous flux lumineaire 1960 lm (EXTREME CUT OFF)

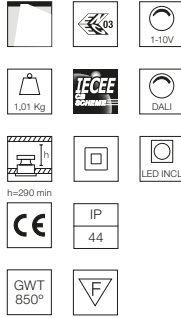
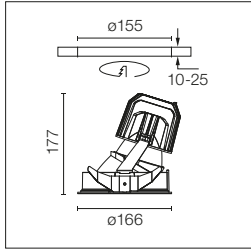
Beam Angle: 39°

h(m)	E(lx)	D(m)
1	5493	0.71
2	1373	1.42
3	610	2.14
4	343	2.85
5	220	3.56

LIGHT SUPPLY

Light Supply Wall-Washer Trim

Light Source: LED Array High Performances 33,2W - 3770 lm - 3000K/CRI 80 / 33,2W - 3116 lm - 3000K/CRI 90 / 33,2W - 3246 lm - 4000K/CRI 90



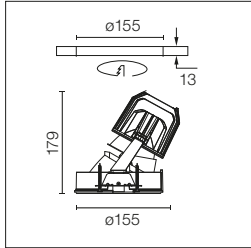
Appareil d'éclairage encastré à LED. Alimentation à distance 220/240V comprise.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

E = Finition Externe
I = Finition Interne.

E= External Finish
I= Internal Finish.

Light Supply Wall-Washer No Trim

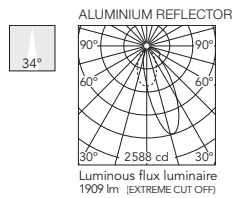
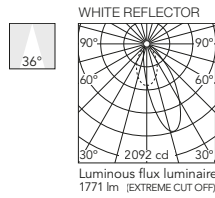


Cadre de pré-montage. À commander séparément.

Pre-installation frame. To be ordered separately.

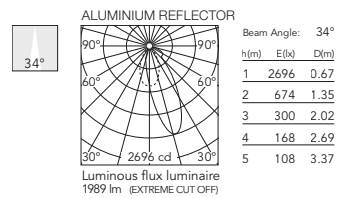
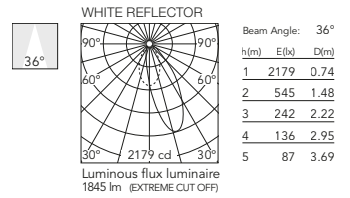
3000K - CRI 90

- Trim**
- E I 03.6814.3BA
 - E I 03.6814.3CA
 - E I Dali Version/1-10V
 - E I 03.6814.3BADA
 - E I 03.6814.3CADA
- No Trim**
- E I 03.6814.1BA
 - E I 03.6814.1CA
 - E I Dali Version/1-10V
 - E I 03.6814.1BADA
 - E I 03.6814.1CADA
- No Trim**
- E I 03.6829.40A
 - E I 03.6829.06A
 - E I Dali Version/1-10V
 - E I 03.6829.40ADA
 - E I 03.6829.06ADA



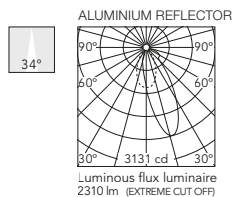
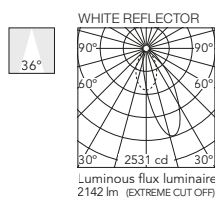
4000K - CRI 90

- Trim**
- E I 03.6813.3BA
 - E I 03.6813.3CA
 - E I Dali Version/1-10V
 - E I 03.6813.3BADA
 - E I 03.6813.3CADA
- No Trim**
- E I 03.6813.1BA
 - E I 03.6813.1CA
 - E I Dali Version/1-10V
 - E I 03.6813.1BADA
 - E I 03.6813.1CADA
- No Trim**
- E I 03.6828.40A
 - E I 03.6828.06A
 - E I Dali Version/1-10V
 - E I 03.6828.40ADA
 - E I 03.6828.06ADA



3000K - CRI 80

- Trim**
- E I 03.6812.3BA
 - E I 03.6812.3CA
 - E I Dali Version/1-10V
 - E I 03.6812.3BADA
 - E I 03.6812.3CADA
- No Trim**
- E I 03.6812.1BA
 - E I 03.6812.1CA
 - E I Dali Version/1-10V
 - E I 03.6812.1BADA
 - E I 03.6812.1CADA
- No Trim**
- E I 03.6827.40A
 - E I 03.6827.06A
 - E I Dali Version/1-10V
 - E I 03.6827.40ADA
 - E I 03.6827.06ADA



LIGHT SUPPLY

Accessoires / Accessories

Cadre de montage.

Pre-installation frame.



Adjustable No Trim
08.8119.00



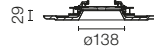
Fixed No Trim
08.8359.00



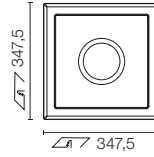
Wall-Washer No Trim
08.8137.00

Plaque d'installation Soft
Architecture pour intégration sur
surfaces en placo-plâtre.

Soft Architecture installation plate
for integration in plasterboard.



Adjustable No Trim
SA.6600.1



For Phosphor LED

Réflecteur pour Light Supply
Adjustable.

Light Supply Adjustable spare
reflector.



Spot
08.8413.00
Medium
08.8414.00
Flood
08.8415.00

LIGHT SUPPLY

Accessoires / Accessories

For LED Array

Réflecteur pour Light Supply Adjustable.

Light Supply Adjustable spare reflector.



Spot
08.8450.00
Medium
08.8451.00
Flood
08.8452.00

Croix anti-éblouissement.

Screening crosspiece.



08.8242.14

Lentille elliptique.

Elliptical lens.



08.8118.68

Honeycomb.

Honeycomb.



Petites Cellules/Small Cells
08.8049.14



Grandes Cellules/Big Cells
08.8377.14

Cylindre à haut rendement.

Highly-efficient cylinder.



08.8453.40
08.8453.14

PURE DOWNLIGHT

DESIGNED BY KNUD HOLSCHER

TRIM / NO TRIM



LIGHT SOURCE
PHOSPHOR
LED
13,6W
1490 lm
3000K/CRI 80
11,9W
1057 lm
3000K/CRI 98

LIGHT SOURCE
POWER LED
15,7W
1400 lm
2700K/CRI 80
3000K/CRI 80

LIGHT SOURCE
QR-CBC 51
GX5.3
max 50W
- OR -
LED
QR-CBC 51
7/10W

□ 30 Blanc/RAL 9001
30 White

■ 02 Gris/RAL 9006
02 Grey

■ 14 Noir/RAL 9005
14 Black

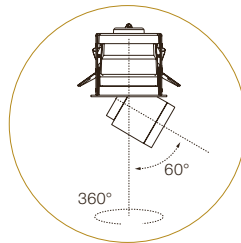
Pure Downlight Trim



Pure Downlight No Trim



Peut être pivoté à 360° et orienté à 60°.
Can be rotated 360° and swivelled 60°.



PURE DOWNLIGHT

Description

Appareil d'éclairage d'accentuation encastré à LED pour l'intérieur, également disponible avec lampes halogènes ou LED retrofit. Douille en céramique ou en technopolymère ininflammable, câbles électriques transparents avec double isolation en Teflon. Corps du projecteur formé en aluminium, colerette en thermoplastique noir et d'un verre trempé de 4 mm d'épaisseur. Le corps, le couvercle de fermeture et le support orientable de la lampe sont en alliage d'aluminium moulé sous pression, recouvert d'une peinture à poudre de couleur blanc, gris ou noir.

Réflecteurs

Toutes les optiques sont en aluminium superpur avec finition spéculaire.
Photométrie de spot 15° à très large 51°.

Unité d'Alimentation

Pré-câblage inclus; prêt pour une alimentation par appareillage déporté.
Connexion rapide à l'unité d'alimentation pour ampoules à décharge de type Wieland.

Accessoires

- Verre de distribution elliptique en verre trempé de 4 mm.
- Grille nid d'abeille en aluminium.
- Filtres chromatiques.

Informations Complémentaires

Possibilité de rotation à 360° sur l'axe horizontal, de 60° sur l'axe vertical.
Indice de protection IP20.
Classe d'isolation I, II, III selon les versions.
Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Recessed LED luminaire for indoor application, also available for halogen or LED retrofit lamps. Self-extinguishing ceramic or engineering plastic lamp holders, with single-pole, transparent electric wires with double Teflon insulation. Aluminum body, placed above the lamp holder, black thermoplastic and 4 mm tempered glass screen-support ring. Die-cast aluminum alloy body, cover and adjustable lamp support, powder-coated white, grey or black.

Reflectors

All super pure aluminum with specular finish.
Circular rotosymmetrical from 15° spot to 51° wide flood.

Power Supply

Pre-wiring included; ready for remote power supply.
Wieland connectors used for discharge control gear providing quick installation time.

Accessories

- 4 mm tempered glass elliptical distribution lens.
- Anti-glare grid in aluminium cells with black liquid paint finish.
- Chromatic filters.

Additional Information

0° - 360° horizontal rotation, 0° - 60° vertical rotation.
IP20 protection grade.
Insulation class I, II, III depending on the versions.
Suitable for installation on normally inflammable surfaces.

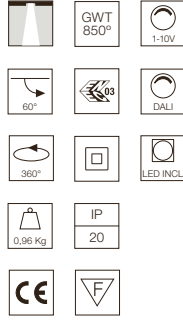
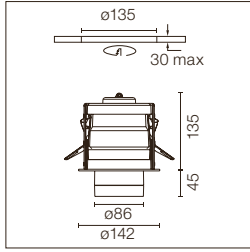
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

PURE DOWNLIGHT

Pure Downlight Trim

Light Source: Phosphor LED 13,6W - 1490 lm - 3000K/CRI 80 / 11,9W - 1057 lm 3000K/CRI 98



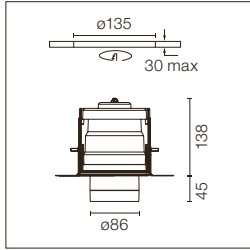
Appareil d'éclairage encastré à LED. Transformateur électronique 220/240V à distance inclus.

Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.

Cadre de montage à commander séparément.

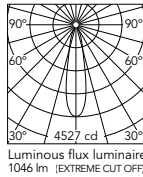
Installation frame must be ordered separately.

Pure Downlight No Trim



3000K - CRI 80

- Non Dimmable
- 09.1635.30C
 - 09.1635.02C
 - 09.1635.14C
- Dali Version
- 09.1635.30CDA
 - 09.1635.02CDA
 - 09.1635.14CDA
- 1-10V
- 09.1635.30C1V
 - 09.1635.02C1V
 - 09.1635.14C1V

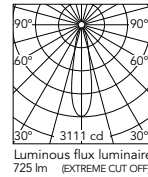


Beam Angle: 23°

h(m)	E(lx)	D(m)
1	4527	0.40
2	1132	0.81
3	503	1.21
4	283	1.62
5	181	2.02

3000K - CRI 98

- Non Dimmable
- 09.1630.30C
 - 09.1630.02C
 - 09.1630.14C
- Dali Version
- 09.1630.30CDA
 - 09.1630.02CDA
 - 09.1630.14CDA
- 1-10V
- 09.1630.30C1V
 - 09.1630.02C1V
 - 09.1630.14C1V

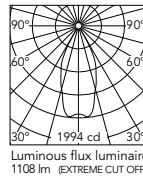


Beam Angle: 23°

h(m)	E(lx)	D(m)
1	3111	0.41
2	778	0.82
3	346	1.22
4	194	1.63
5	124	2.04

3000K - CRI 80

- Non Dimmable
- 09.1636.30C
 - 09.1636.02C
 - 09.1636.14C
- Dali Version
- 09.1636.30CDA
 - 09.1636.02CDA
 - 09.1636.14CDA
- 1-10V
- 09.1636.30C1V
 - 09.1636.02C1V
 - 09.1636.14C1V

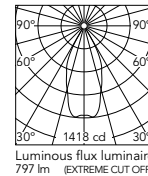


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1994	0.84
2	499	1.68
3	222	2.52
4	125	3.36
5	80	4.19

3000K - CRI 98

- Non Dimmable
- 09.1631.30C
 - 09.1631.02C
 - 09.1631.14C
- Dali Version
- 09.1631.30CDA
 - 09.1631.02CDA
 - 09.1631.14CDA
- 1-10V
- 09.1631.30C1V
 - 09.1631.02C1V
 - 09.1631.14C1V

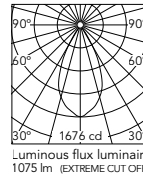


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1418	0.84
2	355	1.69
3	158	2.53
4	89	3.37
5	57	4.21

3000K - CRI 80

- Non Dimmable
- 09.1637.30C
 - 09.1637.02C
 - 09.1637.14C
- Dali Version
- 09.1637.30CDA
 - 09.1637.02CDA
 - 09.1637.14CDA
- 1-10V
- 09.1637.30C1V
 - 09.1637.02C1V
 - 09.1637.14C1V

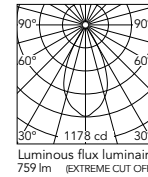


Beam Angle: 51°

h(m)	E(lx)	D(m)
1	1676	0.95
2	419	1.89
3	186	2.84
4	105	3.79
5	67	4.74

3000K - CRI 98

- Non Dimmable
- 09.1632.30C
 - 09.1632.02C
 - 09.1632.14C
- Dali Version
- 09.1632.30CDA
 - 09.1632.02CDA
 - 09.1632.14CDA
- 1-10V
- 09.1632.30C1V
 - 09.1632.02C1V
 - 09.1632.14C1V



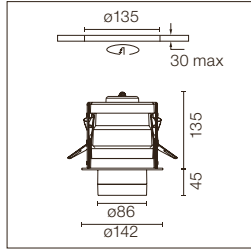
Beam Angle: 51°

h(m)	E(lx)	D(m)
1	1178	0.95
2	295	1.91
3	131	2.86
4	74	3.82
5	47	4.77

PURE DOWNLIGHT

Pure Downlight Trim

Light Source: Power LED DC 700 mA - 15,7W - 1400 lm - 2700K/CRI 80 / 15,7W - 1400 lm - 3000K/CRI80



Appareil d'éclairage encastré à LED. Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included. Alimentation non comprise.

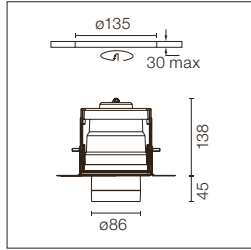
Cadre de montage à commander séparément.

Installation frame must be ordered separately.

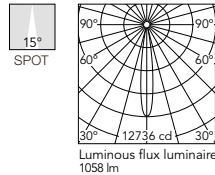
Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.9312
60.8533
60.8530
60.8534

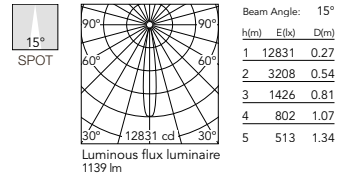
Pure Downlight No Trim



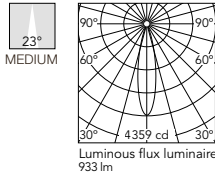
2700K - CRI 80
09.1640.30A
09.1640.02A
09.1640.14A



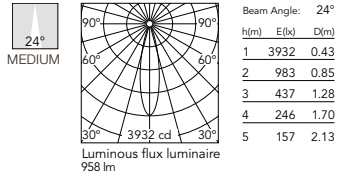
3000K - CRI 80
09.1645.30A
09.1645.02A
09.1645.14A



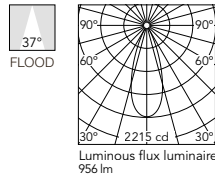
2700K - CRI 80
09.1641.30A
09.1641.02A
09.1641.14A



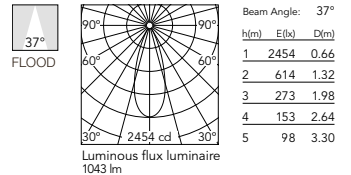
3000K - CRI 80
09.1646.30A
09.1646.02A
09.1646.14A



2700K - CRI 80
09.1642.30A
09.1642.02A
09.1642.14A



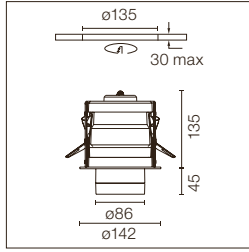
3000K - CRI 80
09.1647.30A
09.1647.02A
09.1647.14A



PURE DOWNLIGHT

Pure Downlight Trim

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7/10W



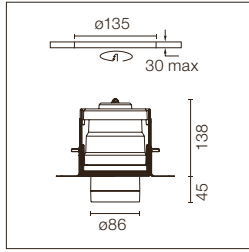
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

Cadre de montage à commander séparément.

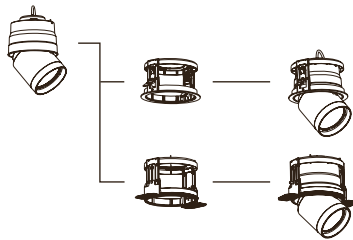
Installation frame must be ordered separately.

Pure Downlight No Trim



- 09.1600.30
- 09.1600.02
- 09.1600.14

Accessoires / Accessories



Trim

Exemple / Example:
09.1630.30 + 08.8149.30 = TRIM

No Trim

Exemple / Example:
09.1630.30 + 08.8152.00 = NO TRIM

Cadre de montage.

Installation frame.



- Pure Downlight Trim
- 08.8149.30
- 08.8149.02
- 08.8149.14

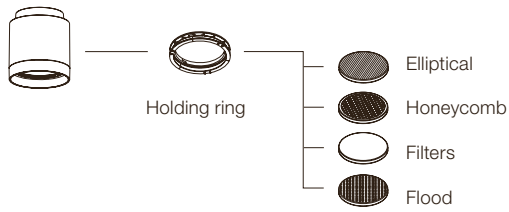
Pure Downlight No Trim
08.8152.00

PURE DOWNLIGHT

Accessoires / Accessories

Les lentilles elliptiques, la grille anti-réverbération et les différents filtres doivent toujours être installés avec une bague de serrage ayant un diamètre correspondant.

Elliptical lens, honeycomb filter, different filters and flood lens, must always be used with the holding ring using the correct diameter.




Anneau de fixation
Holding ring  08.8166.14

Lentille elliptique
Elliptical lens  08.8163.68

Lentille flood
Flood lens  08.8175.68

Honeycomb
Honeycomb  08.8169.14

Filtre bleu
Blue filter  08.8160.64.OD

Filtre bleu ciel
Sky blue filter  08.8160.65.OD

Filtre ambre
Amber filter  08.8160.66.OD

Filtre rouge
Red filter  08.8160.67.OD

Filtre anti U.V.
U.V. filter  08.8160.98.OD

Filtre anti I.R.
I.R. filter  08.8160.68

Hot Light
Hot Light  08.8160.69

Cold Light
Cold Light  08.8160.CL

Daylight
Daylight  08.8160.DL

Neodimium
Neodimium  08.8160.ND

Anneau externe PRO pour Pure
Downlight 1. Uniquement pour
la version à halogène. Nous
consulter pour la version LED.  08.8232.30
08.8232.02
08.8232.14

Pure Downlight 1 external
ring accessory PRO. Only for
halogen lamps, consult for LED
version.

COMPASS

DESIGNED BY FLOS ARCHITECTURAL

ADJUSTABLE
Ø90



LIGHT SOURCE

PAR 16
GZ10
max 50W

LIGHT SOURCE

QR-CBC 51
GX5.3
max 50W
- OR -
LED QR-CBC 51
GX5.3
7/10W

OPAL
Ø90



LIGHT SOURCE

QT-12
GY6.35
max 50W

FIXED
Ø90



LIGHT SOURCE

QR-CBC 51
GX5.3
max 50W
- OR -
LED QR-CBC 51
GX5.3
7/10W

IP65
Ø95



LIGHT SOURCE

QR-CBC 51
GX5.3
max 50W
- OR -
LED QR-CBC 51
GX5.3
7W

ADJUSTABLE
Ø162



LIGHT SOURCE

QR-111
G53
max 100W
- OR -
LED QR-111

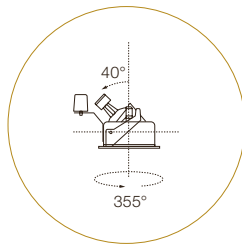
□ 30 Blanc Mat/RAL 9001
30 Matt White

■ 02 Gris/RAL 9006
02 Grey

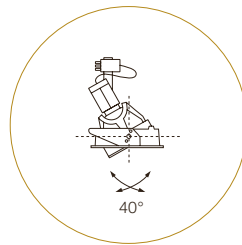
■ 14 Noir Mat/RAL 9005
14 Matt Black



Compass Ø90



Compass Ø162



Description

Projecteur prédisposé pour des sources à halogènes et retrofit LED.

- Fixe:

Corps à encastrer en métal recouvert d'une peinture noire. Anneau de fermeture en alliage d'aluminium moulé sous pression et recouvert d'une peinture à poudre. Douille avec élément dissipateur en aluminium moulé sous pression. Anneau anti-éblouissement en thermoplastique noir. Verre de protection trempé d'une épaisseur de 4 mm. Système de fixation par étriers en acier inoxydable.

- Orientable:

Projecteur prédisposé pour sources à halogènes et à décharge. Corps optique en aluminium moulé par injection, recouvert d'une peinture à poudre. Douille avec élément dissipateur en aluminium moulé sous pression et recouvert d'une peinture à poudre noire. Anneau à encastrer et anneau-écran en thermoplastique; anneau anti-éblouissement en aluminium moulé sous pression recouvert d'une peinture à poudre noire. Verre de protection trempé d'une épaisseur de 4 mm. Système de fixation par étriers en acier inoxydable.

Accessoires

- Cylindre écran en Téflon noir et fixé sur support en acier inoxydable.

- Cylindre écran avec broche pivotante en matériel thermoplastique noir.

- Lentille de distribution elliptique en verre trempé de 4 mm.

- Filtres chromatiques.

Informations Complémentaires

Système d'orientation de type compas, qui permet une orientation jusqu'à 40° dans toutes les directions.

Indice de protection IP23, IP43, IP44, IP65 selon les versions.

Classe d'isolation II, III selon les versions.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Luminaire for halogen or LED retrofit lamps.

- Fixed:

Recessed body in black-painted metal. Die-cast aluminum alloy, powder-coated closing ring. Die-cast aluminum lamp support with heat dissipating element. Black thermoplastic anti-glare ring, 4 mm tempered glass cover. Stainless steel fixing brackets.

- Adjustable:

Injection-moulded aluminum reflector body with powder-coated finish. Lamp support with die-cast aluminum, black powder-coated heat dissipating element. Thermoplastic recessed ring and screening ring; die-cast aluminum, black powder-coated anti-glare ring. 4 mm tempered glass cover. Stainless steel fixing brackets.

Accessories

- Black Teflon screening cylinders on stainless steel support.

- Screening cylinder with black thermoplastic rotating pin.

- 4 mm tempered glass elliptical distribution lens.

- Chromatic filters.

Additional Information

Compass-type adjustment system, for 0° - 40° adjustment in all directions.

IP23, IP43, IP44, IP65 protection grade depending on the versions.

Insulation class II, III depending on the versions.

Suitable for installation on normally inflammable surfaces.

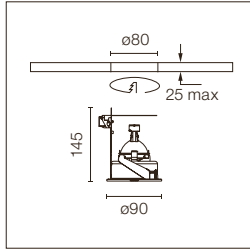
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

COMPASS

Compass Adjustable Ø90

Light Source: PAR 16 GZ10 - max 50W



Appareil d'éclairage encastré à tension de réseau.

Recessed luminaire with main voltage source.

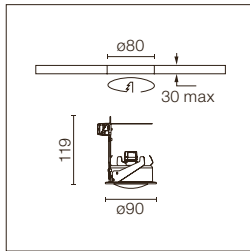
Appareil d'éclairage avec angle cut-off supérieur à 25°, selon CIBSE LG3 (L<200 cd/m2).

Light fixture with screen angle greater than 25°, as per CIBSE LG3 (L<200 cd/m2).

- 03.3506.30
- 03.3506.02
- 03.3506.14

Compass Opal C Ø90

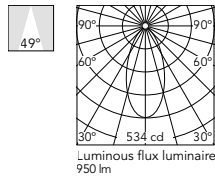
Light Source: QT-12 GY6.35 - max 50W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

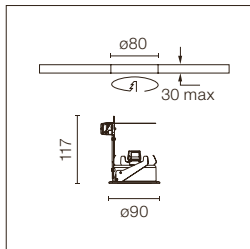
Recessed 12V halogen lamp luminaire. Remote transformer not included.

- 03.3539.30
- 03.3539.02
- 03.3539.14



Compass Opal P Ø90

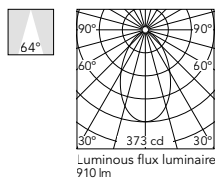
Light Source: QT-12 GY6.35 - max 50W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

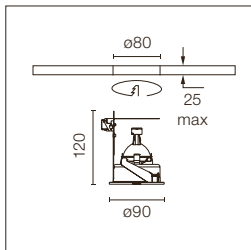
- 03.3538.30
- 03.3538.02
- 03.3538.14



COMPASS

Compass Adjustable Ø90

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

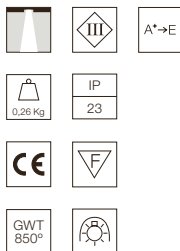
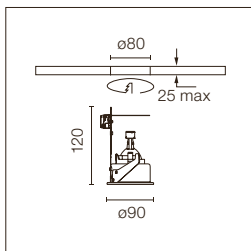
Appareil d'éclairage avec angle cut-off supérieur à 25°, selon CIBSE LG3 (L<200 cd/m²).

Light fixture with screen angle greater than 25°, as per CIBSE LG3 (L<200 cd/m²).

- 03.3505.30
- 03.3505.02
- 03.3505.14

Compass Fixed Ø90

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7/10W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

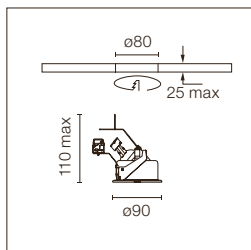
Appareil d'éclairage avec angle cut-off supérieur à 25°, selon CIBSE LG3 (L<200 cd/m²).

Light fixture with screen angle greater than 25°, as per CIBSE LG3 (L<200 cd/m²).

- 03.3507.30
- 03.3507.02
- 03.3507.14

Compass Adjustable Ø90

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7/10W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

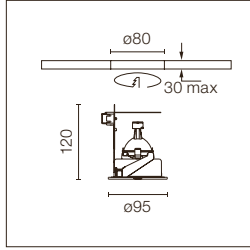
Recessed 12V halogen lamp luminaire. Remote transformer not included.

- 03.3508.30
- 03.3508.02
- 03.3508.14

COMPASS

Compass IP65 Ø95

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7W



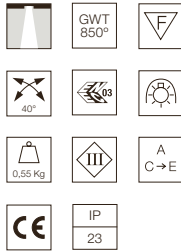
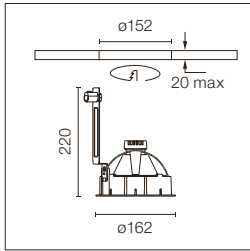
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

- 03.3502.30
- 03.3502.02
- 03.3502.14

Compass Adjustable Ø162

Light Source: QR-111 G53 - max 100W or LED QR-111



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.








- 03.3520.30
- 03.3520.02
- 03.3520.14

COMPASS

Accessoires / Accessories

Refs: 3502 / 3505 / 3506 / 3507 / 3508

Compas Ø90/Ø95

Lentille elliptique Elliptical lens		08.8041.68
Filtre bleu Blue filter		08.8042.64.OD
Filtre bleu ciel Sky blue filter		08.8042.65.OD
Filtre ambre Amber filter		08.8042.66.OD
Filtre rouge Red filter		08.8042.67.OD
Filtre anti U.V. U.V. filter		08.8042.98.OD
Filtre anti I.R. I.R. filter		08.8042.68
Hot light Hot light		08.8042.69
Cold light Cold light		08.8042.CL
Daylight Daylight		08.8042.DL
Neodimium Neodimium		08.8042.ND

Compas Ø162

Croix anti-éblouissement Screening crosspiece		08.8034.14
Lentille elliptique Elliptical lens		08.8930.68
Grille anti-éblouissement Anti-glare grid		08.8036.14
Lentille flood Flood lens		08.8931.68
Filtre bleu Blue filter		08.8932.64.OD
Filtre bleu ciel Sky blue filter		08.8932.65.OD
Filtre ambre Amber filter		08.8932.66.OD
Filtre rouge Red filter		08.8932.67.OD
Filtre anti U.V. U.V. filter		08.8932.98.OD
Filtre anti i.R. I.R. filter		08.8933.68
Hot light Hot light		08.8932.69
Cold light Cold light		08.8932.CL
Daylight Daylight		08.8932.DL
Neodimium Neodimium		08.8932.ND

ANTHONY DOWNLIGHT

DESIGNED BY ANTONIO CITTERIO



LIGHT SOURCE

POWER LED
10W
905 lm
2700K/CRI 90
975 lm
3000K/CRI 90

□ 40 Blanc
40 White

■ 05 Chromé
05 Chrome

■ 14 Noir
14 Black



Description

Downlight design Antonio Citterio pour installation au plafond, à technologie power LED de dernière génération. Appareil équipé d'un système d'orientation (360°) et d'inclinaison (40°) offrant une grande souplesse et une grande précision d'éclairage. La tête est disponible en blanc, chromé et noir, tandis que le corps est toujours blanc. Cette nouvelle version prévoit des filtres elliptiques, flood et honeycomb.

Unité d'Alimentation

Alimentation à courant constant non incluse. Disponible en version non dimmable et en version DALI pour tension de réseau de 110Vac et 230Vac.

Informations Complémentaires

Indice de protection IP20.
Classe d'isolation III.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Downlight designed by Antonio Citterio for installation in ceilings, with state-of-the-art power LED technology. Light fitting with highly versatile revolving (360°) and tilt (40°) system, enabling it to be accurately oriented towards illuminated objects. The finishes available have the light fitting heads in white, chrome and black, while the embedded body is always in white. This new version has honeycomb, elliptical and flood options.

Power Supply

Direct current power source not included Available in non-adjustable versions and DALI for network voltages 110Vac and 230Vac.

Additional Information

IP20 protection grade.
Insulation class III.

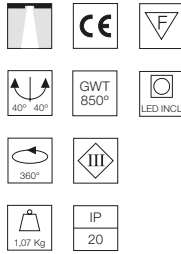
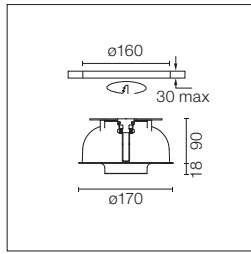
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

ANTHONY DOWNLIGHT

Anthony Downlight

Light Source: Power LED DC 900mA - 10W - 905 lm - 2700K/CRI 90 / 10W - 975 lm - 3000K/CRI 90



Appareil encastré à haut rendement, à LED. Alimentation à distance 220-240V non comprise.

High-performance embedded light fixture for LED light source. Remote 220-240V power supply not included.

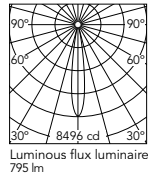
Corps encastré blanc pour toutes les finitions; coloris noir disponible sur demande.

Standard trim cove in white for all finishes; black finish available under request.

Alimentations recommandées :
Non Dimmable 110-240V (900mA)
Dimmable Dali 220-240V
Dimmable Dali/1-10V/Push
Dimmable 1-10V 220-240V

Recommended power supply:
60.9233
60.9415
60.8530
60.9414

2700K
03.6415.40B
03.6415.05B
03.6415.14B

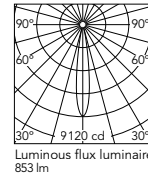


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	8496	0.27
2	2124	0.54
3	944	0.81
4	531	1.09
5	340	1.36

Luminous flux luminaire
8496 cd
795 lm

3000K
03.6416.40B
03.6416.05B
03.6416.14B

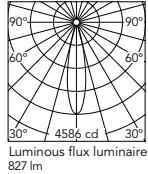


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	9120	0.27
2	2280	0.54
3	1013	0.81
4	570	1.09
5	365	1.36

Luminous flux luminaire
9120 cd
853 lm

2700K
03.6417.40B
03.6417.05B
03.6417.14B

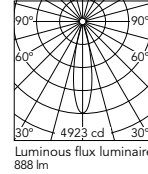


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	4586	0.40
2	1147	0.79
3	510	1.19
4	287	1.58
5	183	1.98

Luminous flux luminaire
4586 cd
827 lm

3000K
03.6418.40B
03.6418.05B
03.6418.14B



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	4923	0.40
2	1231	0.79
3	547	1.19
4	308	1.58
5	197	1.98

Luminous flux luminaire
4923 cd
888 lm

Accessoires / Accessories

Lentille elliptique.

Elliptical lens.



08.8418.68A

Honeycomb.

Honeycomb.



08.8419.14A

Lentille flood.
Pour atteindre le flood (35°)
commander Anthony Downlight
Medium + lentille flood.

Flood lens.
To obtain flood optics (35°) order
Anthony Downlight Medium +
flood lens.



08.0050.00

WAN DOWNLIGHT

DESIGNED BY JOHANNA GRAWUNDER



LIGHT SOURCE
LED ARRAY
9,2W
945 lm
3000K/CRI 80



LIGHT SOURCE
QT-14
G9
max 40W

LIGHT SOURCE
QT-12
GY6.35
max 50W

□ 30 Blanc
30 White

◻ 05 Aluminium Poli
05 Polished Aluminium

■ 14 Noir
14 Black

■ GN Vert
GN Green



Description

Appareil d'éclairage à encastrer au plafond, à éclairage direct. Bague en aluminium, finitions chromé, blanc brillant, vert brillant et noir brillant. Écran anti-éblouissement.

L'appareil est équipé de deux bagues différentes à finitions vert poli et noir poli, qui ont la fonction de protéger le verre de sécurité trempé.

Réflecteurs

Réflecteur en aluminium sablé et blanchi chimiquement.

Unite d'Alimentation

Appareil pré-cablé pour être alimenté par appareil à distance.

Informations Complémentaires

Indice de protection IP44.

Classe d'isolation II, III selon les versions.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Ceiling recessed luminary providing direct light. Aluminum ring, available in chrome, shiny white, enameled green, and shiny black finishes. Low glare shield.

Provided by two different ring due to fix the safety tempered glass, in shiny black and enameled green.

Reflectors

Sanded and chemically bleached aluminum reflector.

Power Supply

Pre-wiring included; ready for remote power supply.

Additional Information

IP44 protection grade.

Insulation class II, III depending on the versions.

Suitable for installation on normally inflammable surfaces.

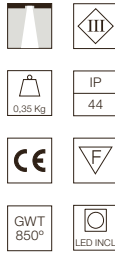
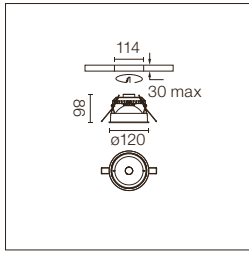
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

WAN DOWNLIGHT

Wan Downlight

Light Source: LED Array DC 500 mA - 9,2W - 945 lm - 3000K/CRI 80



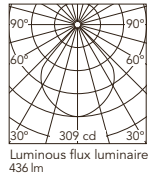
Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8650
60.8533
60.8847
60.8534

- 03.6154.30A
- 03.6154.05A
- 03.6154.14A
- 03.6154.GNA

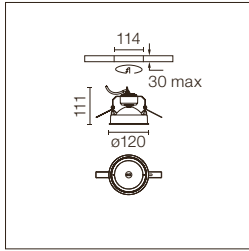


Beam Angle: 83°

h(m)	E(lx)	D(m)
1	309	1.77
2	77	3.55
3	34	5.32
4	19	7.09
5	12	8.87

Wan Downlight

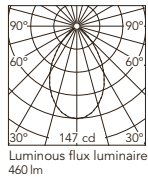
Light Source: QT-14 G9 - max 40W



Appareil d'éclairage encastré à tension de réseau.

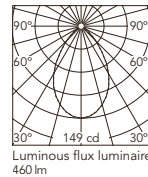
Recessed luminaire with main voltage source.

- 03.6150.30
- 03.6150.05
- 03.6150.14
- 03.6150.GN



Beam Angle: 68°

h(m)	E(lx)	D(m)
1	147	1.35
2	37	2.70
3	16	4.05
4	9	5.40
5	6	6.75

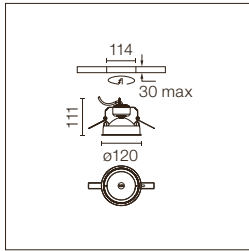


Beam Angle: 69°

h(m)	E(lx)	D(m)
1	149	1.38
2	37	2.75
3	17	4.13
4	9	5.50
5	6	6.88

Wan Downlight

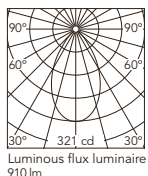
Light Source: QT-12 GY6.35 - max 50W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

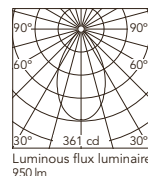
Recessed 12V halogen lamp luminaire. Remote transformer not included.

- 03.6151.30
- 03.6151.05
- 03.6151.14
- 03.6151.GN



Beam Angle: 60°

h(m)	E(lx)	D(m)
1	321	1.16
2	80	2.31
3	36	3.47
4	20	4.62
5	13	5.78



Beam Angle: 61°

h(m)	E(lx)	D(m)
1	361	1.17
2	90	2.34
3	40	3.51
4	23	4.68
5	14	5.85

LIGHT SOLDIER

DESIGNED BY FLOS ARCHITECTURAL

FIXED
Ø 75



ADJUSTABLE
Ø 90



LIGHT SOURCE
LED ARRAY
9,2W
893 lm
2700K/CRI 90
810 lm
3000K/CRI 90

□ 30 Blanc
30 White



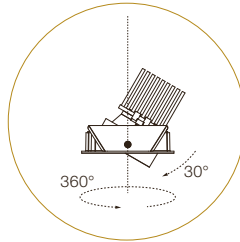
■ 02 Gris
02 Grey



■ 14 Noir
14 Black



Peut être pivoté à 360° et orienté à 30°.
Can be rotated 360° and swivelled 30°.



LIGHT SOLDIER

Description

Appareil d'éclairage encastré pour LED disponible en version fixe ou basculante. Il se compose d'un anneau frontal rond en aluminium et d'un joint en matériau thermoplastique noir qui offre un haut confort visuel.

Réflecteurs

En plastique, avec ouverture de 18° - 26° et 56°.

Unité d'Alimentation

Alimentation à courant constant non comprise.

Accessoires

Equippé d'un diffuseur en plastique qui améliore l'uniformité de la lumière et le confort visuel.

Informations Complémentaires

Indice de protection IP20.

Classe d'isolation III.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Embedded light fixtures for LED light source available in fixed or tilt versions. Comprised of a round hoop at the front made of aluminium, next to a ring made of black thermoplastic material, giving great visual comfort.

Reflectors

Made of plastic, with openings of 18° - 26° and 56°.

Power Supply

Constant current power supply not included.

Accessories

With plastic diffuser to enhance light uniformity and improve visual comfort incorporated into the light fixture.

Additional Information

IP20 protection grade.

Insulation class III.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

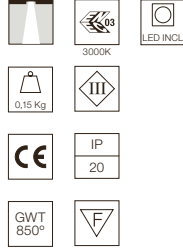
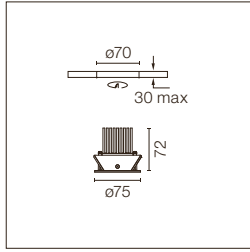
EN60598-1 European Technical Standards and any subsequent additions.



LIGHT SOLDIER

Light Soldier Fixed Ø75

Light Source: LED Array DC 500 mA - 9,2W - 893 lm - 2700K/CRI 90 / 9,2W - 810 lm - 3000K/CRI 90



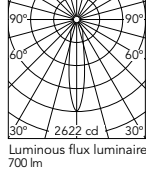
Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Alimentations recommandées :
Non Dimmable 500mA
Non Dimmable MC
Dimmable 1-10V MC
Dimmable Dali 500mA
Dimmable Dali MC
Mains Dimming MC

Recommended power supply:
60.8650
60.8697
60.8533
60.8485
60.8847
60.8534

2700K
03.4311.30A
03.4311.02A
03.4311.14A

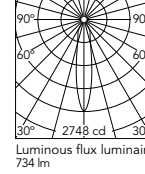


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2622	0.35
2	655	0.70
3	291	1.04
4	164	1.39
5	105	1.74

Luminous flux luminaire
700 lm

3000K
03.4300.30B
03.4300.02B
03.4300.14B

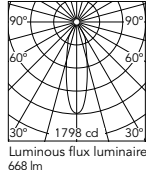


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2748	0.35
2	687	0.70
3	305	1.04
4	172	1.39
5	110	1.74

Luminous flux luminaire
734 lm

2700K
03.4312.30A
03.4312.02A
03.4312.14A

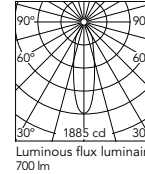


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1798	0.48
2	450	0.95
3	200	1.43
4	112	1.90
5	72	2.38

Luminous flux luminaire
668 lm

3000K
03.4301.30B
03.4301.02B
03.4301.14B

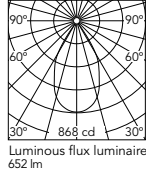


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1885	0.48
2	471	0.95
3	209	1.43
4	118	1.90
5	75	2.38

Luminous flux luminaire
700 lm

2700K
03.4313.30A
03.4313.02A
03.4313.14A

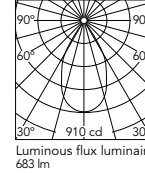


Beam Angle: 57°

h(m)	E(lx)	D(m)
1	868	1.08
2	217	2.15
3	96	3.23
4	54	4.30
5	35	5.38

Luminous flux luminaire
652 lm

3000K
03.4302.30B
03.4302.02B
03.4302.14B



Beam Angle: 57°

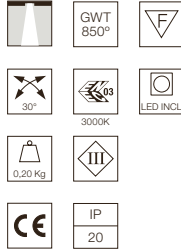
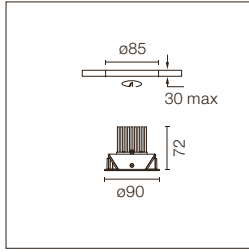
h(m)	E(lx)	D(m)
1	910	1.08
2	227	2.15
3	101	3.23
4	57	4.30
5	36	5.38

Luminous flux luminaire
683 lm

LIGHT SOLDIER

Light Soldier Adjustable Ø90

Light Source: LED Array DC 500 mA - 9,2W - 893 lm - 2700K/CRI 90 / 9,2W - 810 lm - 3000K/CRI 90



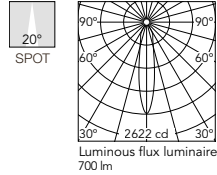
Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source.
Power supply not included.

Alimentations recommandées :
Non Dimmable 500mA
Non Dimmable MC
Dimmable 1-10V MC
Dimmable Dali 500mA
Dimmable Dali MC
Mains Dimming MC

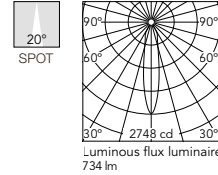
Recommended power supply:
60.8650
60.8697
60.8533
60.8485
60.8847
60.8534

2700K
03.4331.30A
03.4331.02A
03.4331.14A



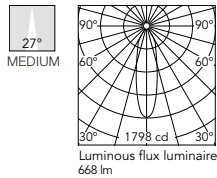
h(m)	E(lx)	D(m)
1	2622	0.35
2	655	0.70
3	291	1.04
4	164	1.39
5	105	1.74

3000K
03.4320.30B
03.4320.02B
03.4320.14B



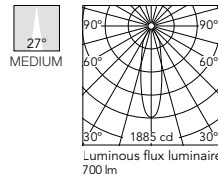
h(m)	E(lx)	D(m)
1	2748	0.35
2	687	0.70
3	305	1.04
4	172	1.39
5	110	1.74

2700K
03.4332.30A
03.4332.02A
03.4332.14A



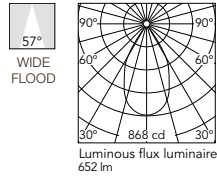
h(m)	E(lx)	D(m)
1	1798	0.48
2	450	0.95
3	200	1.43
4	112	1.90
5	72	2.38

3000K
03.4321.30B
03.4321.02B
03.4321.14B



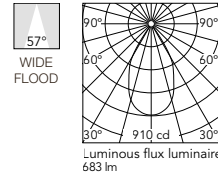
h(m)	E(lx)	D(m)
1	1885	0.48
2	471	0.95
3	209	1.43
4	118	1.90
5	75	2.38

2700K
03.4333.30A
03.4333.02A
03.4333.14A



h(m)	E(lx)	D(m)
1	868	1.08
2	217	2.15
3	96	3.23
4	54	4.30
5	35	5.38

3000K
03.4322.30B
03.4322.02B
03.4322.14B



h(m)	E(lx)	D(m)
1	910	1.08
2	227	2.15
3	101	3.23
4	57	4.30
5	36	5.38

Driver current (mA)	2700K		3000K	
	Luminous flux (lm)	Power (W)	Luminous flux (lm)	Power (W)
350	521	6,2	545	6,2
500	893	9,2	810	9,2

DECOFIX

DESIGNED BY FLOS ARCHITECTURAL

ROUND 1L



ROUND 2L



SQUARE 1L



SQUARE 2L



LIGHT SOURCE

LED ARRAY
9,2W
744 lm
2700K/CRI 90
945 lm
3000K/CRI 80

□ 30 Blanc
30 White

■ 14 Noir
14 Black



Couleurs du Cylindre Anti-éblouissement (compris)
Screening Cylinder Colours (included)

■ Argent
Silver

■ Or
Gold

■ Noir
Black



DECOFIX

Description

Appareil d'éclairage encastré fixe à 1 ou 2 sources, pour LED. Offre un haut confort visuel grâce à la position en retrait de la lampe. Disponible en version carrée et ronde, finition blanc ou noir mat.

Ils se composent d'un corps en aluminium et de ressorts de fixation au plafond. Ils sont dotés d'un radiateur pour chaque LED, fabriqué en aluminium injecté.

Réflecteurs

Ils sont fabriqués en plastique métallisé.

Unité d'Alimentation

Alimentation à courant constant non comprise.

Accessoires

Toutes les versions sont équipées de cylindres anti-éblouissement en 3 coloris, noir, or ou argent, interchangeables entre eux, et d'un diffuseur en plastique qui améliore l'uniformité de la lumière et le confort visuel.

Informations Complémentaires

Indice de protection IP20.

Classe d'isolation III.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Fixed embedded light fixtures with 1 and 2 lights, for LED light source.

Great visual comfort due to rear position of light source.

Available in square and round versions in a matt white and black finish.

They are made up of a body made in aluminium and fixing springs to the ceiling. They have a radiator for each LED made out of injected aluminium.

Reflectors

Made of metallized plastic.

Power Supply

Constant current power supply not included.

Accessories

All versions have interchangeable screening cylinders in 3 colours: black, gold or silver, incorporated into the light fixture.

With a plastic diffuser to enhance light uniformity and improve visual comfort, incorporated into the light fixture.

Additional Information

IP20 protection grade.

Insulation class III.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

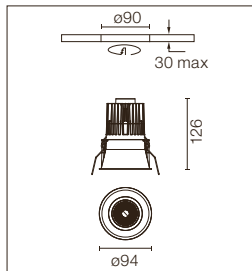
EN60598-1 European Technical Standards and any subsequent additions.



DECOFIX

Decofix Round 1L

Light Source: LED Array DC 500 mA - 9,2W - 744 lm - 2700K/CRI 90 / 9,2W - 945 lm - 3000K/CRI 80

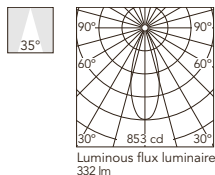


Appareil d'éclairage encastré à LED. Alimentation non comprise. Recessed luminaire with LED light source. Power supply not included.

Alimentations recommandées :
 Non Dimmable
 Dimmable 1-10V
 Dimmable Dali
 Mains Dimming

Recommended power supply:
 60.8650
 60.8533
 60.8530
 60.8534

2700K
 09.3111.30A

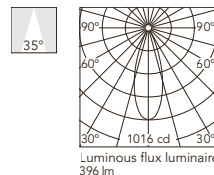


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	853	0.63
2	213	1.26
3	95	1.88
4	53	2.51
5	34	3.14

Luminous flux luminaire: 332 lm

3000K
 09.3110.30A

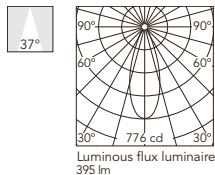


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1016	0.63
2	254	1.26
3	113	1.88
4	63	2.51
5	41	3.14

Luminous flux luminaire: 396 lm

2700K
 09.3111.14A

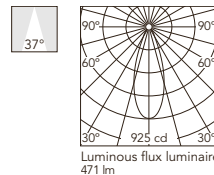


Beam Angle: 37°

h(m)	E(lx)	D(m)
1	776	0.67
2	194	1.34
3	86	2.02
4	49	2.69
5	31	3.36

Luminous flux luminaire: 395 lm

3000K
 09.3110.14A



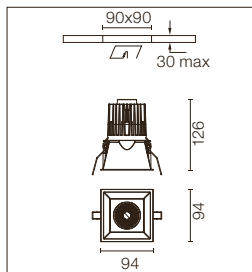
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	925	0.67
2	231	1.34
3	103	2.02
4	58	2.69
5	37	3.36

Luminous flux luminaire: 471 lm

Decofix Square 1L

Light Source: LED Array DC 500 mA - 9,2W - 744 lm - 2700K/CRI 90 / 9,2W - 945 lm - 3000K/CRI 80

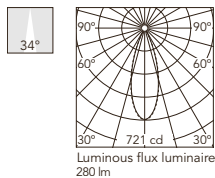


Appareil d'éclairage encastré à LED. Alimentation non comprise. Recessed luminaire with LED light source. Power supply not included.

Alimentations recommandées :
 Non Dimmable
 Dimmable 1-10V
 Dimmable Dali
 Mains Dimming

Recommended power supply:
 60.8650
 60.8533
 60.8530
 60.8534

2700K
 09.3101.30A

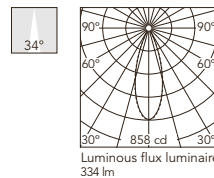


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	721	0.61
2	180	1.21
3	80	1.82
4	45	2.42
5	29	3.03

Luminous flux luminaire: 280 lm

3000K
 09.3100.30A

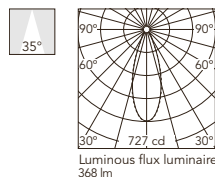


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	858	0.61
2	215	1.21
3	95	1.82
4	54	2.42
5	34	3.03

Luminous flux luminaire: 334 lm

2700K
 09.3101.14A

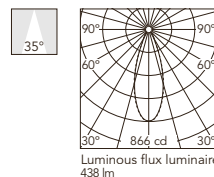


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	727	0.64
2	182	1.28
3	81	1.92
4	45	2.55
5	29	3.19

Luminous flux luminaire: 368 lm

3000K
 09.3100.14A



Beam Angle: 35°

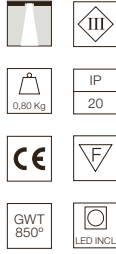
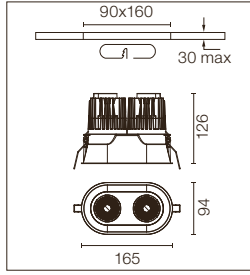
h(m)	E(lx)	D(m)
1	866	0.64
2	216	1.28
3	96	1.92
4	54	2.55
5	35	3.19

Luminous flux luminaire: 438 lm

DECOFIX

Decofix Round 2L

Light Source: LED Array DC 500 mA - 2x9,2W - 2x744 lm - 2700K/CRI 90 / 2x9,2W - 2x945 lm - 3000K/CRI 80



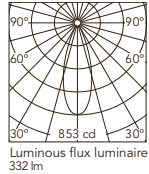
Appareil d'éclairage encastré 2 sources à LED. Alimentation non comprise. Une alimentation est nécessaire pour chacun des corps optiques.

Recessed luminaire with 2 lights for LED light source. Power supply not included. Requires one power supply for each optic body.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8650
60.8533
60.8530
60.8534

2700K
□ 09.3116.30A

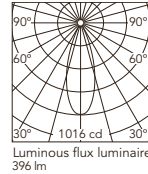


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	853	0.63
2	213	1.26
3	95	1.88
4	53	2.51
5	34	3.14

Luminous flux luminaire
332 lm

3000K
□ 09.3115.30A

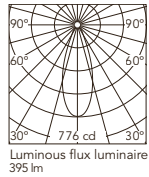


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1016	0.63
2	254	1.26
3	113	1.88
4	63	2.51
5	41	3.14

Luminous flux luminaire
396 lm

2700K
■ 09.3116.14A

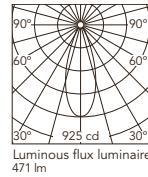


Beam Angle: 37°

h(m)	E(lx)	D(m)
1	776	0.67
2	194	1.34
3	86	2.02
4	49	2.69
5	31	3.36

Luminous flux luminaire
395 lm

3000K
■ 09.3115.14A



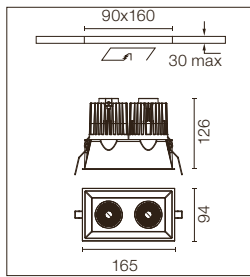
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	925	0.67
2	231	1.34
3	103	2.02
4	58	2.69
5	37	3.36

Luminous flux luminaire
471 lm

Decofix Square 2L

Light Source: LED Array DC 500 mA - 2x9,2W - 2x744 lm - 2700K/CRI 90 / 2x9,2W - 2x945 lm - 3000K/CRI 80



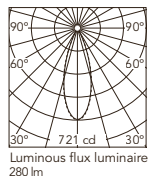
Appareil d'éclairage encastré 2 sources à LED. Alimentation non comprise. Une alimentation est nécessaire pour chacun des corps optiques.

Recessed luminaire with 2 lights for LED light source. Power supply not included. Requires one power supply for each optic body included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8650
60.8533
60.8530
60.8534

2700K
□ 09.3106.30A

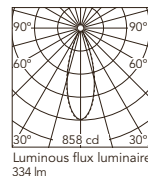


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	721	0.61
2	180	1.21
3	80	1.82
4	45	2.42
5	29	3.03

Luminous flux luminaire
280 lm

3000K
□ 09.3105.30A

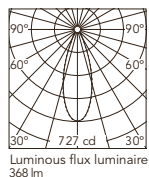


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	858	0.61
2	215	1.21
3	95	1.82
4	54	2.42
5	34	3.03

Luminous flux luminaire
334 lm

2700K
■ 09.3106.14A

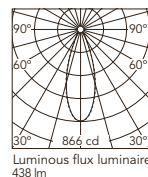


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	727	0.64
2	182	1.28
3	81	1.92
4	45	2.55
5	29	3.19

Luminous flux luminaire
368 lm

3000K
■ 09.3105.14A







Beam Angle: 35°




h(m)	E(lx)	D(m)
1	866	0.64
2	216	1.28
3	96	1.92
4	54	2.55
5	35	3.19

Luminous flux luminaire
438 lm

JOHNNY

DESIGNED BY FLOS ARCHITECTURAL

<p>JOHNNY 80 TRIM / NO TRIM 1L ROUND 1L/2L SQUARE</p>  <p>LIGHT SOURCE POWER LED 6,2W 560 lm 2700K/CRI 90 600 lm 3000K/CRI 90</p>	<p>JOHNNY 80 SEMI-RECESSED 1L/2L SQUARE</p>  <p>LIGHT SOURCE POWER LED 6,2W 560 lm 2700K/CRI 90 600 lm 3000K/CRI 90</p>	<p>JOHNNY 120 TRIM / NO TRIM 1L ROUND 1L/2L SQUARE</p>  <p>LIGHT SOURCE LED ARRAY LED ARRAY HIGH PERFORMANCE 18W 1555 lm 2700K/CRI 90 1600 lm 3000K/CRI 90</p>	<p>JOHNNY 120 SEMI-RECESSED 1L/2L SQUARE</p> 
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<p>Johnny 80 Trim / No Trim</p>  <p>□ 40 Blanc 40 White ■ 14 Noir 14 Black</p>	<p>Johnny 120 Trim</p>  <p>□ Blanc White ■ Noir Black</p>	<p>Johnny 120 No Trim</p>  <p>■ Noir Black</p>
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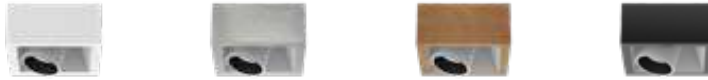
Interne / Inside

□ Blanc
White ■ Noir
Black

Externe / Outside

□ 40 Blanc
40 White ■ CE Béton
CE Concrete ■ TK Teck
TK Teak ■ 14 Noir
14 Black

Johnny 80 Semi-Recessed

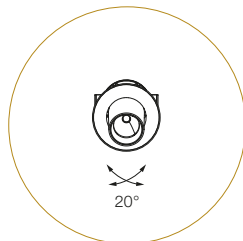


Johnny 120 Semi-Recessed

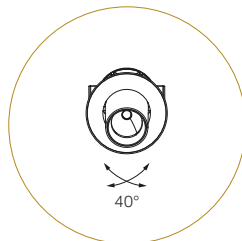


Peut être pivoté dans toutes les directions.
Can be rotated in any direction.

Johnny 80



Johnny 120



Description

Système d'éclairage à un ou deux spots orientables, en version encastré (Trim et No Trim) et semi encastré pour installation au plafond.
 Disponible en deux dimensions : 80 mm et 120 mm, rond et carré.
 Système d'orientation à fixation facile qui permet l'orientation précise du faisceau lumineux.
 Version Ø80mm encastré No Trim avec système d'installation exclusif Fast&Perfect.

Unité d'Alimentation

Alimentation à courant constant 220/240V à distance non comprise.

Accessoires

Johnny 80:
 - Croix anti-éblouissement et honeycomb sont incorporés au produit
 Johnny 120:
 - Croix anti-éblouissement
 - Honeycomb
 - Lentille elliptique
 - Lentille flood

Informations Complémentaires

Système d'orientation intégré dans le corps télescopique pour le modèle Johnny 80.
 Indice de protection IP20.
 Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Illumination system consisting of one or two adjustable lights, in the embedded version (Trim and No Trim) and semi-embedded version to be installed on the ceiling.
 Available in two sizes: 80 mm and 120 mm in round and square versions.
 An exclusive, easy and adjustable system that enables an accurate adjustment of the light beam.
 The No Trim Ø80 mm version comes with the exclusive Fast&Perfect installation system.

Power Supply

Remote constant power supply 220/240V not included.

Accessories

Johnny 80:
 - screening crosspiece and honeycomb included in the product
 Johnny 120:
 - Screening crosspiece
 - Honeycomb
 - Elliptical lens
 - Flood lens

Additional Information

The Johnny 80 version has a orientation system integrated into the telescopic body.
 IP20 protection grade.
 Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Johnny 80
1L Trim



Johnny 80
1L No Trim



Johnny 80
2L Trim



Johnny 80
2L No Trim



Johnny 80
Semi-Recessed



Johnny 120
Trim



Johnny 120
No Trim

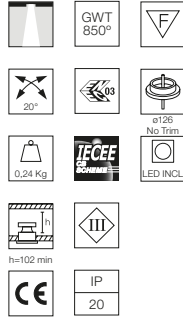
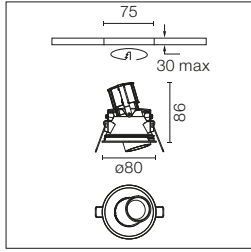


Johnny 120
Semi-Recessed

JOHNNY 80

Johnny Ø80 Trim 1L Round

Light Source: Power LED 6,2W - 560 lm - 2700K/CRI 90 / 6,2W - 600 lm - 3000K/CRI 90



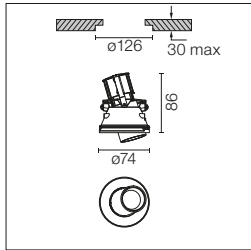
Appareil d'éclairage encastré à LED. Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

Johnny Ø80 No Trim 1L Round



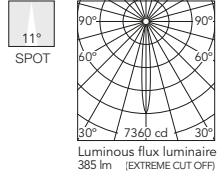
Cadre de pré-montage **Fast&Perfect**. À commander séparément

Fast&Perfect pre-installation frame. To be ordered separately.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8668
60.8847
60.8534

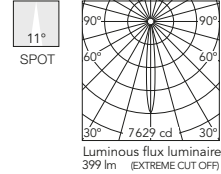
2700K
03.0701.40
03.0701.14



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	7360	0.19
2	1840	0.38
3	818	0.57
4	460	0.76
5	294	0.95

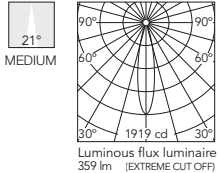
3000K
03.0700.40
03.0700.14
03.0700.40.NT
03.0700.14.NT



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	7629	0.19
2	1907	0.38
3	848	0.57
4	477	0.76
5	305	0.95

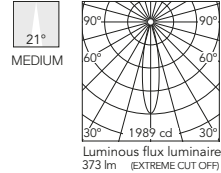
2700K
03.0705.40
03.0705.14
03.0705.40.NT
03.0705.14.NT



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	1919	0.37
2	480	0.74
3	213	1.12
4	120	1.49
5	77	1.86

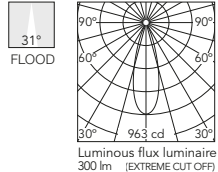
3000K
03.0704.40
03.0704.14
03.0704.40.NT
03.0704.14.NT



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	1989	0.37
2	497	0.74
3	221	1.12
4	124	1.49
5	80	1.86

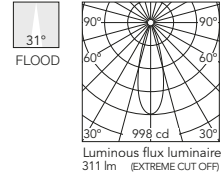
2700K
03.0709.40
03.0709.14
03.0709.40.NT
03.0709.14.NT



Beam Angle: 31°

h(m)	E(lx)	D(m)
1	963	0.55
2	241	1.10
3	107	1.65
4	60	2.20
5	39	2.75

3000K
03.0708.40
03.0708.14
03.0708.40.NT
03.0708.14.NT



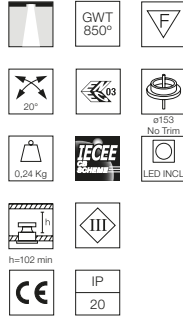
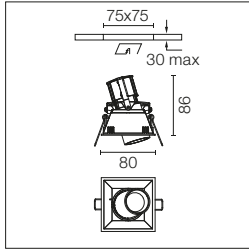
Beam Angle: 31°

h(m)	E(lx)	D(m)
1	998	0.55
2	249	1.10
3	111	1.65
4	62	2.20
5	40	2.75

JOHNNY 80

Johnny 80 Trim 1L Square

Light Source: Power LED 6,2W - 560 lm - 2700K/CRI 90 / 6,2W - 600 lm - 3000K/CRI 90



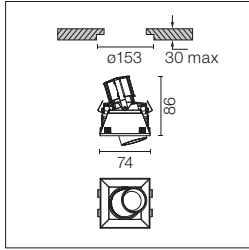
Appareil d'éclairage encastré à LED. Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

Johnny 80 No Trim 1L Square



Cadre de pré-montage **Fast&Perfect**. À commander séparément

Fast&Perfect pre-installation frame. To be ordered separately.

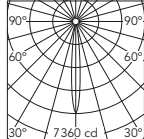
Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8668
60.8847
60.8534

2700K

03.0703.40
03.0703.14

03.0703.40.NT
03.0703.14.NT



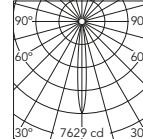
Beam Angle: 11°			
h(m)	E(lx)	D(m)	
1	7360	0.19	
2	1840	0.38	
3	818	0.57	
4	460	0.76	
5	294	0.95	

Luminous flux luminaire
385 lm (EXTREME CUT OFF)

3000K

03.0702.40
03.0702.14

03.0702.40.NT
03.0702.14.NT



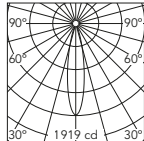
Beam Angle: 11°			
h(m)	E(lx)	D(m)	
1	7629	0.19	
2	1907	0.38	
3	848	0.57	
4	477	0.76	
5	305	0.95	

Luminous flux luminaire
399 lm (EXTREME CUT OFF)

2700K

03.0707.40
03.0707.14

03.0707.40.NT
03.0707.14.NT



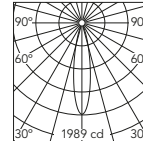
Beam Angle: 21°			
h(m)	E(lx)	D(m)	
1	1919	0.37	
2	480	0.74	
3	213	1.12	
4	120	1.49	
5	77	1.86	

Luminous flux luminaire
359 lm (EXTREME CUT OFF)

3000K

03.0706.40
03.0706.14

03.0706.40.NT
03.0706.14.NT



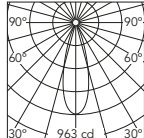
Beam Angle: 21°			
h(m)	E(lx)	D(m)	
1	1989	0.37	
2	497	0.74	
3	221	1.12	
4	124	1.49	
5	80	1.86	

Luminous flux luminaire
373 lm (EXTREME CUT OFF)

2700K

03.0711.40
03.0711.14

03.0711.40.NT
03.0711.14.NT



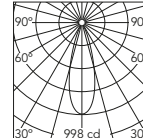
Beam Angle: 31°			
h(m)	E(lx)	D(m)	
1	963	0.55	
2	241	1.10	
3	107	1.65	
4	60	2.20	
5	39	2.75	

Luminous flux luminaire
300 lm (EXTREME CUT OFF)

3000K

03.0710.40
03.0710.14

03.0710.40.NT
03.0710.14.NT



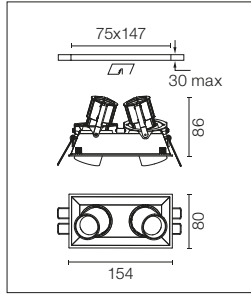
Beam Angle: 31°			
h(m)	E(lx)	D(m)	
1	998	0.55	
2	249	1.10	
3	111	1.65	
4	62	2.20	
5	40	2.75	

Luminous flux luminaire
311 lm (EXTREME CUT OFF)

JOHNNY 80

Johnny 80 Trim 2L Square

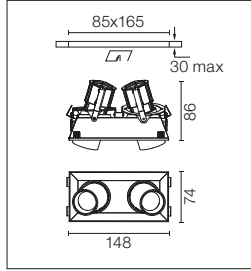
Light Source: Power LED 2x6,2W - 2x560 lm - 2700K/CRI 90 / 2x6,2W - 2x600 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation non comprise.
Accessoires compris (honeycomb et croix anti-éblouissement).

Recessed luminaire with LED light source. Power supply not included.
Accessories included (honeycomb and screening crosspiece).

Johnny 80 No Trim 2L Square



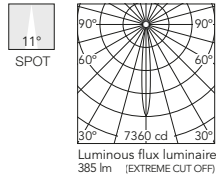
Cadre de pré-montage. À commander séparément

Pre-installation frame. To be ordered separately.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

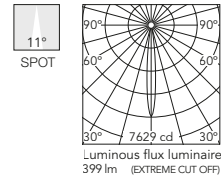
Recommended power supply:
60.8880
60.8668
60.8847
60.8534

- 2700K**
- 03.0713.40
- 03.0713.14
- 03.0713.40.NT
- 03.0713.14.NT



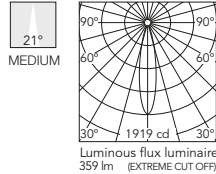
Beam Angle: 11°			
h(m)	E(lx)	D(m)	
1	7360	0.19	
2	1840	0.38	
3	818	0.57	
4	460	0.76	
5	294	0.95	

- 3000K**
- 03.0712.40
- 03.0712.14
- 03.0712.40.NT
- 03.0712.14.NT



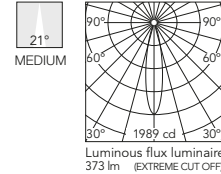
Beam Angle: 11°			
h(m)	E(lx)	D(m)	
1	7629	0.19	
2	1907	0.38	
3	848	0.57	
4	477	0.76	
5	305	0.95	

- 2700K**
- 03.0715.40
- 03.0715.14
- 03.0715.40.NT
- 03.0715.14.NT



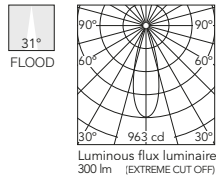
Beam Angle: 21°			
h(m)	E(lx)	D(m)	
1	1919	0.37	
2	480	0.74	
3	213	1.12	
4	120	1.49	
5	77	1.86	

- 3000K**
- 03.0714.40
- 03.0714.14
- 03.0714.40.NT
- 03.0714.14.NT



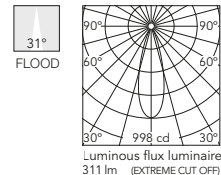
Beam Angle: 21°			
h(m)	E(lx)	D(m)	
1	1989	0.37	
2	497	0.74	
3	221	1.12	
4	124	1.49	
5	80	1.86	

- 2700K**
- 03.0717.40
- 03.0717.14
- 03.0717.40.NT
- 03.0717.14.NT



Beam Angle: 31°			
h(m)	E(lx)	D(m)	
1	963	0.55	
2	241	1.10	
3	107	1.65	
4	60	2.20	
5	39	2.75	

- 3000K**
- 03.0716.40
- 03.0716.14
- 03.0716.40.NT
- 03.0716.14.NT

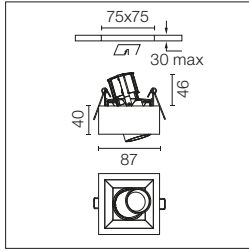


Beam Angle: 31°			
h(m)	E(lx)	D(m)	
1	998	0.55	
2	249	1.10	
3	111	1.65	
4	62	2.20	
5	40	2.75	

JOHNNY 80

Johnny 80 Semi-Recessed 1L Square

Light Source: Power LED 6,2W - 560 lm - 2700K/CRI 90 / 6,2W - 600 lm - 3000K/CRI 90



Appareil d'éclairage semi encastré à LED. Alimentation non comprise.

Semi-recessed luminaire with LED light source. Power supply not included.

Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

E = Finition Externe
I = Finition Interne

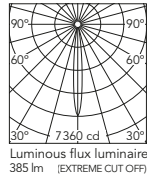
E= External Finish
I= Internal Finish



Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8668
60.8847
60.8534

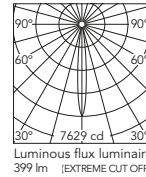
- E I 2700K**
- 03.0761.40
 - 03.0761.CE
 - 03.0761.TK
 - 03.0761.14
- E I**
- 03.0719.40
 - 03.0719.CE
 - 03.0719.TK
 - 03.0719.14



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	7360	0.19
2	1840	0.38
3	818	0.57
4	460	0.76
5	294	0.95

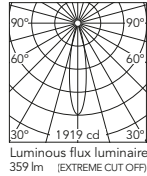
- E I 3000K**
- 03.0760.40
 - 03.0760.CE
 - 03.0760.TK
 - 03.0760.14
- E I**
- 03.0718.40
 - 03.0718.CE
 - 03.0718.TK
 - 03.0718.14



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	7629	0.19
2	1907	0.38
3	848	0.57
4	477	0.76
5	305	0.95

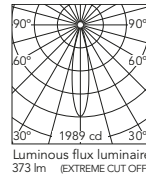
- E I 2700K**
- 03.0763.40
 - 03.0763.CE
 - 03.0763.TK
 - 03.0763.14
- E I**
- 03.0721.40
 - 03.0721.CE
 - 03.0721.TK
 - 03.0721.14



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	1919	0.37
2	480	0.74
3	213	1.12
4	120	1.49
5	77	1.86

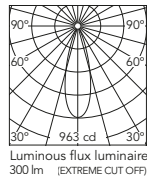
- E I 3000K**
- 03.0762.40
 - 03.0762.CE
 - 03.0762.TK
 - 03.0762.14
- E I**
- 03.0720.40
 - 03.0720.CE
 - 03.0720.TK
 - 03.0720.14



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	1989	0.37
2	497	0.74
3	221	1.12
4	124	1.49
5	80	1.86

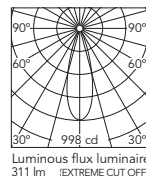
- E I 2700K**
- 03.0765.40
 - 03.0765.CE
 - 03.0765.TK
 - 03.0765.14
- E I**
- 03.0723.40
 - 03.0723.CE
 - 03.0723.TK
 - 03.0723.14



Beam Angle: 31°

h(m)	E(lx)	D(m)
1	963	0.55
2	241	1.10
3	107	1.65
4	60	2.20
5	39	2.75

- E I 3000K**
- 03.0764.40
 - 03.0764.CE
 - 03.0764.TK
 - 03.0764.14
- E I**
- 03.0722.40
 - 03.0722.CE
 - 03.0722.TK
 - 03.0722.14



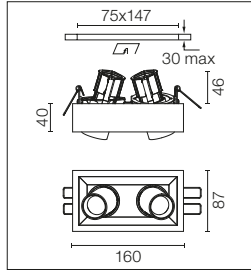
Beam Angle: 31°

h(m)	E(lx)	D(m)
1	998	0.55
2	249	1.10
3	111	1.65
4	62	2.20
5	40	2.75

JOHNNY 80

Johnny 80 Semi-Recessed 2L Square

Light Source: Power LED 2x6,2W - 2x560 lm - 2700K/CRI 90 / 2x6,2W - 2x600 lm - 3000K/CRI 90



Appareil d'éclairage semi encastré à LED. Alimentation non comprise.

Semi-recessed luminaire with LED light source. Power supply not included.

Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

E = Finition Externe
I = Finition Interne

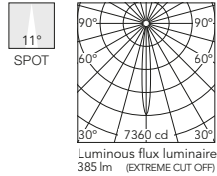
E= External Finish
I= Internal Finish



Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8880
60.8668
60.8847
60.8534

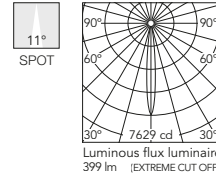
E I 2700K
03.0771.40
03.0771.CE
03.0771.TK
03.0771.14



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	7360	0.19
2	1840	0.38
3	818	0.57
4	460	0.76
5	294	0.95

E I 3000K
03.0770.40
03.0770.CE
03.0770.TK
03.0770.14



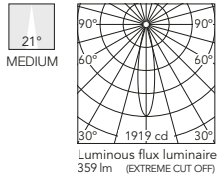
Beam Angle: 11°

h(m)	E(lx)	D(m)
1	7629	0.19
2	1907	0.38
3	848	0.57
4	477	0.76
5	305	0.95

E I
03.0731.40
03.0731.CE
03.0731.TK
03.0731.14

E I
03.0730.40
03.0730.CE
03.0730.TK
03.0730.14

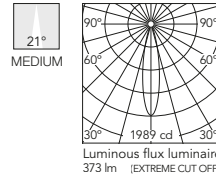
E I 2700K
03.0773.40
03.0773.CE
03.0773.TK
03.0773.14



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	1919	0.37
2	480	0.74
3	213	1.12
4	120	1.49
5	77	1.86

E I 3000K
03.0772.40
03.0772.CE
03.0772.TK
03.0772.14



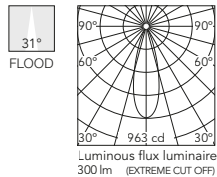
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	1989	0.37
2	497	0.74
3	221	1.12
4	124	1.49
5	80	1.86

E I
03.0733.40
03.0733.CE
03.0733.TK
03.0733.14

E I
03.0732.40
03.0732.CE
03.0732.TK
03.0732.14

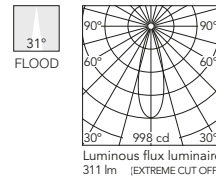
E I 2700K
03.0775.40
03.0775.CE
03.0775.TK
03.0775.14



Beam Angle: 31°

h(m)	E(lx)	D(m)
1	963	0.55
2	241	1.10
3	107	1.65
4	60	2.20
5	39	2.75

E I 3000K
03.0774.40
03.0774.CE
03.0774.TK
03.0774.14



Beam Angle: 31°

h(m)	E(lx)	D(m)
1	998	0.55
2	249	1.10
3	111	1.65
4	62	2.20
5	40	2.75

E I
03.0735.40
03.0735.CE
03.0735.TK
03.0735.14

E I
03.0734.40
03.0734.CE
03.0734.TK
03.0734.14

JOHNNY 80

Accessoires / Accessories

Kit d'installation Fast&Perfect / Fast&Perfect Installation Kit

Johnny 80 No Trim 1L

Cadre de montage No Trim.
Johnny ø80.



Johnny ø80 Round
□ 08.9102.00

Installation frame No Trim.
Johnny ø80.

+

Outils Fast&Perfect.
Fast&Perfect tool.



08.9100.00



Cadre de montage No Trim.
Johnny □80.



Johnny □80 Square
□ 08.9103.00

Installation frame No Trim.
Johnny □80.

+

Outils Fast&Perfect.
Fast&Perfect tool.



08.9101.00



Johnny 80 No Trim 2L Square

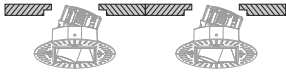
Cadre de montage No Trim.
Johnny 80 2L Square.



□ 08.9105.00

Installation frame No Trim.
Johnny 80 2L Square.

Système d'installation Fast&Perfect / Fast&Perfect Installation System



ø80: min 135 mm
□80: min 165 mm

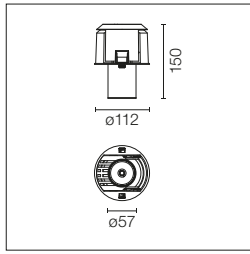
JOHNNY 120

Johnny 120 Light Source

Light Source: LED Array / LED Array High Performance

Without accessories: DC 500 mA - 18W - 1770 lm - 2700K/CRI 90 / 18W - 1870 lm - 3000K/CRI 90

With accessories: DC 450 mA - 16W - 1612 lm - 2700K/CRI 90 / 16W - 1704 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED.
Alimentation non comprise. Un appareillage est nécessaire pour chaque source lumineuse.

Recessed luminaire with LED light source. Power supply not included. One driver is needed per each light source.

*Part number with IECEE certificate: 0741 / 0743 / 0745 / 0740 / 0742 / 0744

Alimentations recommandées :

Sans Accessoires :

Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:

Without accessories:

60.8650
60.9188
60.8847
60.8534

Avec Accessoires :

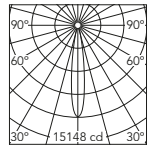
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

With accessories:

60.9162
60.9188
60.8847
60.9268

High Performance 2700K

03.0801.40
03.0801.14



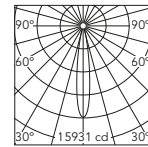
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	15148	0.28
2	3787	0.56
3	1683	0.84
4	947	1.12
5	606	1.40

Luminous flux luminaire
1636 lm (EXTREME CUT OFF)

High Performance 3000K

03.0800.40
03.0800.14



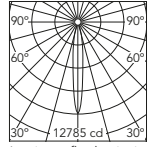
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	15931	0.28
2	3983	0.56
3	1770	0.84
4	996	1.12
5	637	1.40

Luminous flux luminaire
1721 lm (EXTREME CUT OFF)

2700K

03.0741.40
03.0741.14



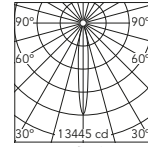
Beam Angle: 13°

h(m)	E(lx)	D(m)
1	12785	0.22
2	3196	0.44
3	1421	0.66
4	799	0.88
5	511	1.10

Luminous flux luminaire
1324 lm (EXTREME CUT OFF)

3000K

03.0740.40
03.0740.14



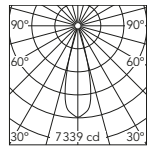
Beam Angle: 13°

h(m)	E(lx)	D(m)
1	13445	0.22
2	3361	0.44
3	1494	0.66
4	840	0.88
5	538	1.10

Luminous flux luminaire
1393 lm (EXTREME CUT OFF)

High Performance 2700K

03.0803.40
03.0803.14



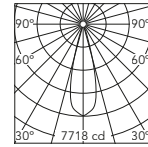
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	7339	0.50
2	1835	1.00
3	815	1.50
4	459	2.00
5	294	2.50

Luminous flux luminaire
1588 lm (EXTREME CUT OFF)

High Performance 3000K

03.0802.40
03.0802.14



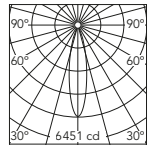
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	7718	0.50
2	1930	1.00
3	858	1.50
4	482	2.00
5	309	2.50

Luminous flux luminaire
1670 lm (EXTREME CUT OFF)

2700K

03.0743.40
03.0743.14



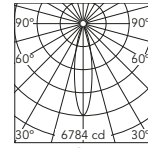
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	6451	0.39
2	1613	0.79
3	717	1.18
4	403	1.58
5	258	1.97

Luminous flux luminaire
1222 lm (EXTREME CUT OFF)

3000K

03.0742.40
03.0742.14



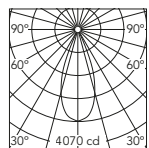
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	6784	0.39
2	1696	0.79
3	754	1.18
4	424	1.58
5	271	1.97

Luminous flux luminaire
1285 lm (EXTREME CUT OFF)

High Performance 2700K

03.0805.40
03.0805.14



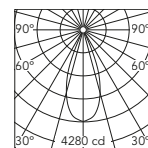
Beam Angle: 40°

h(m)	E(lx)	D(m)
1	4070	0.73
2	1017	1.46
3	452	2.18
4	254	2.91
5	163	3.64

Luminous flux luminaire
1607 lm (EXTREME CUT OFF)

High Performance 3000K

03.0804.40
03.0804.14



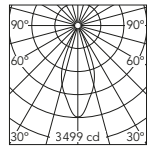
Beam Angle: 40°

h(m)	E(lx)	D(m)
1	4280	0.73
2	1070	1.46
3	476	2.18
4	268	2.91
5	171	3.64

Luminous flux luminaire
1690 lm (EXTREME CUT OFF)

2700K

03.0745.40
03.0745.14



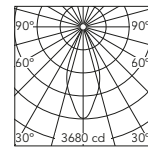
Beam Angle: 41°

h(m)	E(lx)	D(m)
1	3499	0.75
2	875	1.50
3	389	2.25
4	219	3.00
5	140	3.75

Luminous flux luminaire
1456 lm (EXTREME CUT OFF)

3000K

03.0744.40
03.0744.14



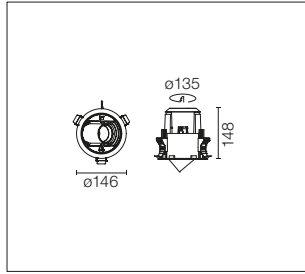
Beam Angle: 41°

h(m)	E(lx)	D(m)
1	3680	0.75
2	920	1.50
3	409	2.25
4	230	3.00
5	147	3.75

Luminous flux luminaire
1531 lm (EXTREME CUT OFF)

JOHNNY 120

Johnny 120 Round 1L – Recessed Universal Frame



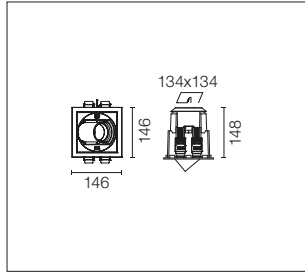
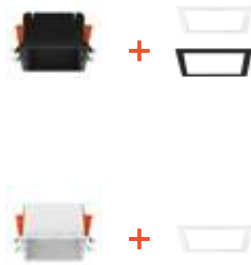
Reference unique pour les installations encastrées Trim ou No Trim.
 08.0555.00=inclut un cadre blanc pour compléter les finitions Trim.
 08.0505.00=sont inclus des cadres optionnels en noir et blanc pour compléter les finitions Trim.

Unique reference for Trim or No Trim recessed installation.
 08.0555.00=includes white frame to complete Trim finishing.
 08.0505.00=includes optional white and black frames to complete Trim finishing.

- 08.0555.00
- + 1x Light Source
- + 1x Driver

- 08.0505.00
- + 1x Light Source
- + 1x Driver

Johnny 120 Square 1L – Recessed Universal Frame



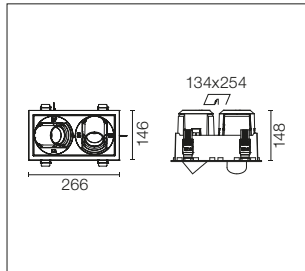
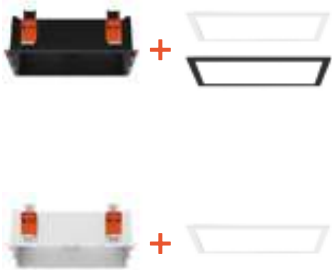
Reference unique pour les installations encastrées Trim ou No Trim.
 08.0550.00=inclut un cadre blanc pour compléter les finitions Trim.
 08.0500.00=sont inclus des cadres optionnels en noir et blanc pour compléter les finitions Trim.

Unique reference for Trim or No Trim recessed installation.
 08.0550.00=includes white frame to complete Trim finishing.
 08.0500.00=includes optional white and black frames to complete Trim finishing.

- 08.0550.00
- + 1x Light Source
- + 1x Driver

- 08.0500.00
- + 1x Light Source
- + 1x Driver

Johnny 120 Square 2L – Recessed Universal Frame



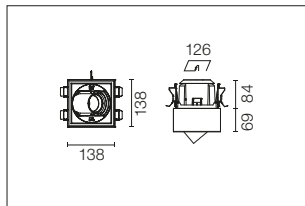
Reference unique pour les installations encastrées Trim ou No Trim.
 08.0551.00=inclut un cadre blanc pour compléter les finitions Trim.
 08.0501.00=sont inclus des cadres optionnels en noir et blanc pour compléter les finitions Trim.

Unique reference for Trim or No Trim recessed installation.
 08.0551.00=includes white frame to complete Trim finishing.
 08.0501.00=includes optional white and black frames to complete Trim finishing.

- 08.0551.00
- + 2x Light Source
- + 2x Driver

- 08.0501.00
- + 2x Light Source
- + 2x Driver

Johnny 120 Semi-Recessed 1L Square – Housing



- | | | |
|-----|---|-----------------|
| E I | | 08.0556.40 |
| E I | | 08.0556.CE |
| E I | | 08.0556.TK |
| E I | | 08.0556.14 |
| | + | 1x Light Source |
| | + | 1x Driver |

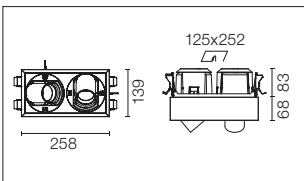
- | | | |
|-----|---|-----------------|
| E I | | 08.0506.40 |
| E I | | 08.0506.CE |
| E I | | 08.0506.TK |
| E I | | 08.0506.14 |
| | + | 1x Light Source |
| | + | 1x Driver |

Johnny 120 Semi-Recessed 2L Square – Housing



- | | | |
|-----|---|-----------------|
| E I | | 08.0557.40 |
| E I | | 08.0557.CE |
| E I | | 08.0557.TK |
| E I | | 08.0557.14 |
| | + | 2x Light Source |
| | + | 2x Driver |

- | | | |
|-----|---|-----------------|
| E I | | 08.0507.40 |
| E I | | 08.0507.CE |
| E I | | 08.0507.TK |
| E I | | 08.0507.14 |
| | + | 2x Light Source |
| | + | 2x Driver |



JOHNNY 120

Accessoires / Accessories

Johnny 120

Croix anti-éblouissement
Screening crosspiece



08.8429.00

Lentille elliptique
Elliptical lens



08.8431.00

Johnny 120

Lentille flood
Flood lens



08.8432.00

Honeycomb
Honeycomb



08.8428.00

Cône anti-éblouissement
Snoot shielding cone



08.0526.00

HOW TO ORDER JOHNNY 120

TRIM / NO TRIM 1L ROUND		TRIM / NO TRIM 1L SQUARE		TRIM / NO TRIM 2L SQUARE																																																																																																	
<p>Universal frame</p> <p>08.0505.00 08.0555.00</p>		<p>Universal frame</p> <p>08.0500.00 08.0550.00</p>		<p>Universal frame</p> <p>08.0501.00 08.0551.00</p>																																																																																																	
<p>1x Light Source*</p> <table border="1"> <thead> <tr> <th></th> <th>2700K</th> <th>3000K</th> <th>2700K High Perf.</th> <th>3000K High Perf.</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Spot</td> <td>03.0741.40</td> <td>03.0740.40</td> <td>03.0801.40</td> <td>03.0800.40</td> </tr> <tr> <td>03.0741.14</td> <td>03.0740.14</td> <td>03.0801.14</td> <td>03.0800.14</td> </tr> <tr> <td rowspan="2">Medium</td> <td>03.0743.40</td> <td>03.0742.40</td> <td>03.0803.40</td> <td>03.0802.40</td> </tr> <tr> <td>03.0743.14</td> <td>03.0742.14</td> <td>03.0803.14</td> <td>03.0802.14</td> </tr> <tr> <td rowspan="2">Flood</td> <td>03.0745.40</td> <td>03.0744.40</td> <td>03.0805.40</td> <td>03.0804.40</td> </tr> <tr> <td>03.0745.14</td> <td>03.0744.14</td> <td>03.0805.14</td> <td>03.0804.14</td> </tr> </tbody> </table>			2700K	3000K	2700K High Perf.	3000K High Perf.	Spot	03.0741.40	03.0740.40	03.0801.40	03.0800.40	03.0741.14	03.0740.14	03.0801.14	03.0800.14	Medium	03.0743.40	03.0742.40	03.0803.40	03.0802.40	03.0743.14	03.0742.14	03.0803.14	03.0802.14	Flood	03.0745.40	03.0744.40	03.0805.40	03.0804.40	03.0745.14	03.0744.14	03.0805.14	03.0804.14	<p>1x Light Source*</p> <table border="1"> <thead> <tr> <th></th> <th>2700K</th> <th>3000K</th> <th>2700K High Perf.</th> <th>3000K High Perf.</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Spot</td> <td>03.0741.40</td> <td>03.0740.40</td> <td>03.0801.40</td> <td>03.0800.40</td> </tr> <tr> <td>03.0741.14</td> <td>03.0740.14</td> <td>03.0801.14</td> <td>03.0800.14</td> </tr> <tr> <td rowspan="2">Medium</td> <td>03.0743.40</td> <td>03.0742.40</td> <td>03.0803.40</td> <td>03.0802.40</td> </tr> <tr> <td>03.0743.14</td> <td>03.0742.14</td> <td>03.0803.14</td> <td>03.0802.14</td> </tr> <tr> <td rowspan="2">Flood</td> <td>03.0745.40</td> <td>03.0744.40</td> <td>03.0805.40</td> <td>03.0804.40</td> </tr> <tr> <td>03.0745.14</td> <td>03.0744.14</td> <td>03.0805.14</td> <td>03.0804.14</td> </tr> </tbody> </table>			2700K	3000K	2700K High Perf.	3000K High Perf.	Spot	03.0741.40	03.0740.40	03.0801.40	03.0800.40	03.0741.14	03.0740.14	03.0801.14	03.0800.14	Medium	03.0743.40	03.0742.40	03.0803.40	03.0802.40	03.0743.14	03.0742.14	03.0803.14	03.0802.14	Flood	03.0745.40	03.0744.40	03.0805.40	03.0804.40	03.0745.14	03.0744.14	03.0805.14	03.0804.14	<p>2x Light Source*</p> <table border="1"> <thead> <tr> <th></th> <th>2700K</th> <th>3000K</th> <th>2700K High Perf.</th> <th>3000K High Perf.</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Spot</td> <td>03.0741.40</td> <td>03.0740.40</td> <td>03.0801.40</td> <td>03.0800.40</td> </tr> <tr> <td>03.0741.14</td> <td>03.0740.14</td> <td>03.0801.14</td> <td>03.0800.14</td> </tr> <tr> <td rowspan="2">Medium</td> <td>03.0743.40</td> <td>03.0742.40</td> <td>03.0803.40</td> <td>03.0802.40</td> </tr> <tr> <td>03.0743.14</td> <td>03.0742.14</td> <td>03.0803.14</td> <td>03.0802.14</td> </tr> <tr> <td rowspan="2">Flood</td> <td>03.0745.40</td> <td>03.0744.40</td> <td>03.0805.40</td> <td>03.0804.40</td> </tr> <tr> <td>03.0745.14</td> <td>03.0744.14</td> <td>03.0805.14</td> <td>03.0804.14</td> </tr> </tbody> </table>			2700K	3000K	2700K High Perf.	3000K High Perf.	Spot	03.0741.40	03.0740.40	03.0801.40	03.0800.40	03.0741.14	03.0740.14	03.0801.14	03.0800.14	Medium	03.0743.40	03.0742.40	03.0803.40	03.0802.40	03.0743.14	03.0742.14	03.0803.14	03.0802.14	Flood	03.0745.40	03.0744.40	03.0805.40	03.0804.40	03.0745.14	03.0744.14	03.0805.14	03.0804.14
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<p>No Trim</p> <p>Trim White</p> <p>Trim Black</p>		<p>No Trim</p> <p>Trim White</p> <p>Trim Black</p>		<p>No Trim</p> <p>Trim White</p> <p>Trim Black</p>																																																																																																	

* Alimentation non comprise. Un appareillage est nécessaire pour chaque source lumineuse / Power supply not included. One driver is needed per each light source.

HOW TO ORDER JOHNNY 120

SEMI-RECESSED 1L SQUARE					SEMI-RECESSED 2L SQUARE				
Housing					Housing				
08.0506.40	08.0506.CE	08.0506.TK	08.0506.14		08.0507.40	08.0507.CE	08.0507.TK	08.0507.14	
08.0556.40	08.0556.CE	08.0556.TK	08.0556.14		08.0557.40	08.0557.CE	08.0557.TK	08.0557.14	
+ 1x Light Source*					+ 2x Light Source*				
	2700K	3000K	2700K High Perf.	3000K High Perf.		2700K	3000K	2700K High Perf.	3000K High Perf.
Spot	03.0741.40	03.0740.40	03.0801.40	03.0800.40	Spot	03.0741.40	03.0740.40	03.0801.40	03.0800.40
	03.0741.14	03.0740.14	03.0801.14	03.0800.14		03.0741.14	03.0740.14	03.0801.14	03.0800.14
Medium	03.0743.40	03.0742.40	03.0803.40	03.0802.40	Medium	03.0743.40	03.0742.40	03.0803.40	03.0802.40
	03.0743.14	03.0742.14	03.0803.14	03.0802.14		03.0743.14	03.0742.14	03.0803.14	03.0802.14
Flood	03.0745.40	03.0744.40	03.0805.40	03.0804.40	Flood	03.0745.40	03.0744.40	03.0805.40	03.0804.40
	03.0745.14	03.0744.14	03.0805.14	03.0804.14		03.0745.14	03.0744.14	03.0805.14	03.0804.14
=					=				
White	Concrete	Teak	Black		White	Concrete	Teak	Black	

* Alimentation non comprise. Un appareillage est nécessaire pour chaque source lumineuse / Power supply not included. One driver is needed per each light source.

COMPASS BOX RECESSED

DESIGNED BY FLOS ARCHITECTURAL



SMALL 1L / 2L



LIGHT SOURCE
LED ARRAY
9,2W
945 lm
3000K/CRI 80

SMALL 1L / 2L



LIGHT SOURCE
QR-CBC 51
GX5.3
max 50W
- OR -
LED QR-CBC 51
7/10W

LARGE 1L / 2L

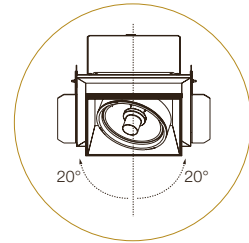


LIGHT SOURCE
QR-111
G53
max 100W
- OR -
LED QR-111

30 Blanc Mat/RAL 9001
30 Matt White

14 Noir Mat/RAL 9005
14 Matt Black

Peut être orienté à 20°.
Can be swivelled 20°.



Description

Conçu pour des lampes LED ou halogènes très basse tension. À encastrer dans des faux-plafonds d'une épaisseur de 30 mm maximum. Système une ou deux luminaires réglables. Corps encastrable en acier moulé et verni et cadre encastrable réalisé en aluminium extrudé avec un système de fixation au faux-plafond. Système d'orientation "à compas" réalisé en acier verni de couleur noire opaque. Pour les versions avec sources à halogènes : système de fixation innovant par des étriers en acier verni noir avec blocage à vis. Bornier des connexions électriques placé au-dessus du box contenant les sources lumineuses.

Reflecteurs

Réflecteurs en aluminium extra pur anodisés, couleur argent, finition brillante.

Unité d'Alimentation

Précâblage inclus ; prêt à être alimenté par des appareillages à distance.

À halogènes:

- Transformateur électronique 20/105W, 220/240V, 50/60Hz, variable avec un dispositif "leading and trailing edge".

Accessoires

- Cylindre écran à grille directionnelle incorporée, finition vernis en poudre noir.
- Honeycomb.
- Cadre nécessaire pour installation sur faux-plafond.

Informations Complémentaires

Système d'orientation de type à compas, qui permet l'orientation jusqu'à 40° dans toutes les directions.

Indice de protection IP20.

Classe d'isolation I, III selon les versions.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Designed for LED lamps and very low voltage halogen lamps. For recess mounting in suspended ceilings of up to 30 mm thick.

1 or 2 lamp adjustable- system.

Pressed steel powder-coated recessed housing, extruded aluminum recessed trim frame for use with false ceiling systems.

Steel "compass-type" adjustment mechanism, powder-coated matt black.

For halogen versions: innovative steel bracket fixing system, painted black, with allen key locking mechanism. Terminal block positioned on canopy housing box.

Reflectors

Super-pure, anodised-aluminum, silver reflectors with polished specular finish.

Power Supply

Pre-wiring included; ready for remote power supply.

Halogen:

- Electronic transformer 20/105W, 220/240V, 50/60Hz suitable for dimming when used with trailing edge dimmers.

Accessories

- Screening cylinder with cross baffle element incorporated, black powder-coated finish.
- Honeycomb.
- Frame needed for installation on false ceiling.

Additional Information

Compass-type adjustment system permits focusing from 0° to 40° in all directions.

IP20 protection grade.

Insulation class I, III depending on the versions.

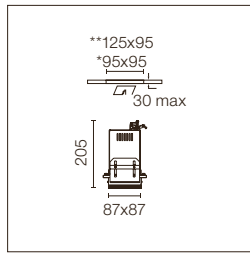
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

COMPASS BOX RECESSED

Compass Box Recessed Small 1L

Light Source: LED Array DC 500 mA - 9,2W - 945 lm - 3000K/CRI 80



GWT
850°



Appareil d'éclairage encastré
No Trim à LED. Alimentation non
comprise.

No Trim recessed luminaire with
LED light source. Power supply not
included.



IP
20

Cadre de pré-montage à
commander séparément.

Pre-installation frame must be
ordered separately.



0,60 Kg

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8650
60.8533
60.8530
60.8534

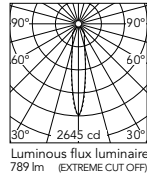


* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
** Plafond non accessible. | Inaccessible ceiling.

03.2675.30A
03.2675.14A



SPOT



Beam Angle: 18°

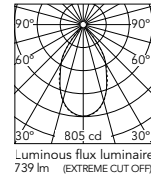
h(m)	Ef(x)	D(m)
1	2645	0.31
2	661	0.62
3	294	0.93
4	165	1.23
5	106	1.54

Luminous flux luminaire
789 lm (EXTREME CUT OFF)

03.2677.30A
03.2677.14A



WIDE
FLOOD



Beam Angle: 59°

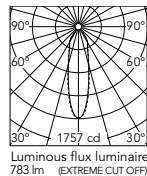
h(m)	Ef(x)	D(m)
1	805	1.14
2	201	2.28
3	89	3.42
4	50	4.56
5	32	5.70

Luminous flux luminaire
739 lm (EXTREME CUT OFF)

03.2676.30A
03.2676.14A



MEDIUM



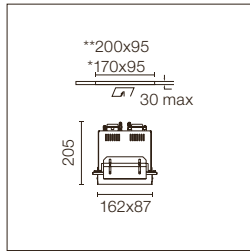
Beam Angle: 26°

h(m)	Ef(x)	D(m)
1	1757	0.47
2	439	0.93
3	195	1.40
4	110	1.87
5	70	2.34

Luminous flux luminaire
783 lm (EXTREME CUT OFF)

Compass Box Recessed Small 2L

Light Source: LED Array DC 500 mA - 2x9,2W - 2x945 lm - 3000K/CRI 80



GWT
850°



Appareil d'éclairage encastré
No Trim à LED. Alimentation non
comprise. Une alimentation est
nécessaire pour chacun des corps
optiques.

No Trim recessed luminaire with
LED light source. Power supply
not included. Requires one power
supply for each optic body.



IP
20

Cadre de pré-montage à
commander séparément.

Pre-installation frame must be
ordered separately.



0,90 Kg

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8650
60.8533
60.8530
60.8534

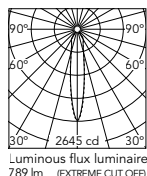


* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
** Plafond non accessible. | Inaccessible ceiling.

03.2680.30A
03.2680.14A



SPOT



Beam Angle: 18°

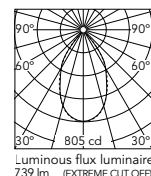
h(m)	Ef(x)	D(m)
1	2645	0.31
2	661	0.62
3	294	0.93
4	165	1.23
5	106	1.54

Luminous flux luminaire
789 lm (EXTREME CUT OFF)

03.2682.30A
03.2682.14A



WIDE
FLOOD



Beam Angle: 59°

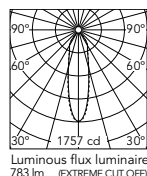
h(m)	Ef(x)	D(m)
1	805	1.14
2	201	2.28
3	89	3.42
4	50	4.56
5	32	5.70

Luminous flux luminaire
739 lm (EXTREME CUT OFF)

03.2681.30A
03.2681.14A



MEDIUM



Beam Angle: 26°

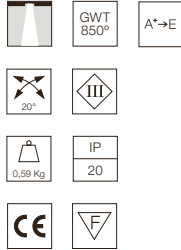
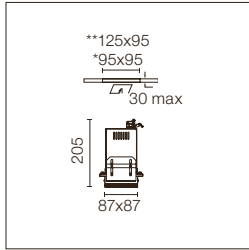
h(m)	Ef(x)	D(m)
1	1757	0.47
2	439	0.93
3	195	1.40
4	110	1.87
5	70	2.34

Luminous flux luminaire
783 lm (EXTREME CUT OFF)

COMPASS BOX RECESSED

Compass Box Recessed Small 1L

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7/10W



Appareil d'éclairage encastré No Trim pour lampe halogène 12V. Transformateur à distance non inclus.

Cadre de pré-montage à commander séparément.

03.2650.30
03.2650.14

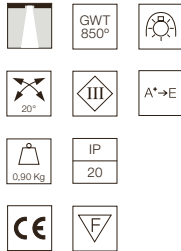
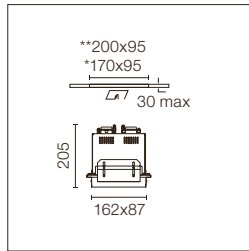
No Trim recessed 12V halogen lamp luminaire. Remote transformer not included.

Pre-installation frame must be ordered separately.

* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
** Plafond non accessible. | Inaccessible ceiling.

Compass Box Recessed Small 2L

Light Source: QR-CBC 51 GX5.3 - max 2x50W or LED QR-CBC 51 GX5.3 - 2x7/10W



Appareil d'éclairage encastré No Trim pour lampe halogène 12V. Transformateur à distance non inclus.

Cadre de pré-montage à commander séparément.

03.2651.30
03.2651.14

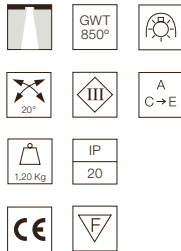
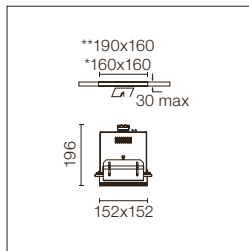
No Trim recessed 12V halogen lamp luminaire. Remote transformer not included.

Pre-installation frame must be ordered separately.

* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
** Plafond non accessible. | Inaccessible ceiling.

Compass Box Recessed Large 1L

Light Source: QR-111 G53 - max 100W or LED QR-111



Appareil d'éclairage encastré No Trim pour lampe halogène 12V. Transformateur à distance non inclus.

Cadre de pré-montage à commander séparément.

03.2520.30
03.2520.14

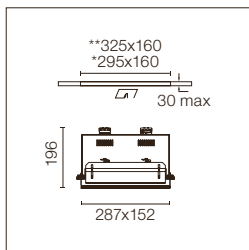
No Trim recessed 12V halogen lamp luminaire. Remote transformer not included.

Pre-installation frame must be ordered separately.

* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
** Plafond non accessible. | Inaccessible ceiling.

Compass Box Recessed Large 2L

Light Source: QR-111 G53 - max 2x100W or LED QR-111



Appareil d'éclairage encastré No Trim pour lampe halogène 12V. Transformateur à distance non inclus.

Cadre de pré-montage à commander séparément.

03.2521.30
03.2521.14

No Trim recessed 12V halogen lamp luminaire. Remote transformer not included.

Pre-installation frame must be ordered separately.

* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
** Plafond non accessible. | Inaccessible ceiling.

COMPASS BOX RECESSED

Accessoires / Accessories

Compass Box Recessed No Trim Small

Petit cadre de pré-montage pour 1 point lumineux.



08.8191.00

Pre-installation frame small single light.

Petit cadre de pré-montage pour 2 points lumineux.



08.8192.00

Pre-installation frame small 2 lights.

Compass Box Recessed Small

Croix anti-éblouissement
Screening crosspiece



08.8238.14

Honeycomb
Honeycomb



08.8196.14

Compass Box Recessed No Trim Large

Grand cadre de pré-montage pour 1 point lumineux.



08.8187.00

Pre-installation frame large single light.

Grand cadre de pré-montag pour 2 points lumineux.



08.8188.00

Pre-installation frame 2 large lights.

Compass Box Recessed Large

Croix anti-éblouissement
Screening crosspiece



08.8034.14

Honeycomb
Honeycomb



08.8036.14

BATTERY

DESIGNED BY F.A. PORSCHE

TRIM / NO TRIM SMALL
1L / 2L / 3L / 4L SQUARE



LIGHT SOURCE
LED ARRAY
16,5W
2290 lm
3000K/CRI 80

TRIM / NO TRIM SMALL
1L / 2L



LIGHT SOURCE
QR-CBC 51
GX5.3
max 50W
- OR -
LED QR-CBC 51
7/10W

TRIM / NO TRIM LARGE
1L / 2L



LIGHT SOURCE
QR-111
G53
max 100W

□ 20 Blanc Mat/RAL 9016
20 Matt White

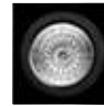
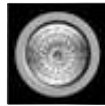
■ 08 Mercure/RAL 9007
08 Mercury

■ 14 Noir Mat/RAL 9005
14 Matt Black

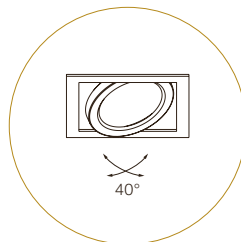
Battery Trim



Battery No Trim



Peut être pivoté à 40° dans toutes les directions.
Can be rotated 40° in any direction.



BATTERY

Description

Système de 1, 2, 3 ou 4 projecteurs orientables, à encastrer dans des faux-plafonds d'une épaisseur de 1 à 30 mm. Conçu pour des lampes LED ou halogènes très basse tension.

Corps à encastrer en acier moulé et recouvert d'une peinture à poudre de couleur noir mat et cadre à encastrer en aluminium extrudé avec système de fixation au faux-plafond. (Battery no Trim).

Système d'orientation "à compas" en acier moulé et recouvert d'une peinture à poudre de couleur noir mat. Système de fixation par étriers en acier recouvert d'une peinture noire avec blocage à vis. Anneaux moletés en aluminium moulé sous pression situés dans un cadre en acier de 3 mm. Barrette de raccordement pour les connexions électriques située au-dessus du boîtier renfermant les sources.

Pour les versions avec sources à halogènes: anneau interne additionnel anti-éblouissement en PPS très résistant, pour fixation de l'ampoule.

Réflecteurs

Réflecteurs en aluminium super pur anodisé couleur argent brillant.

Unité d'Alimentation

Pré-câblage inclus; prêt pour une alimentation par appareillage à distance.

A halogènes:

- Transformateur électronique 20/105W, 220/240V, 50/60Hz, avec variateur et dispositif à fin ou début de phase.

Accessoires

- Cylindre écran avec grille directionnelle incorporée recouvert d'une peinture à poudre noire,.
- Honeycomb.
- Lentille de distribution elliptique en verre trempé de 4 mm.
- Filtres chromatiques.
- Cadre indispensable pour une installation sur faux-plafond (Battery No Trim).

Informations Complémentaires

Système d'orientation de type compas permettant l'orientation jusqu'à 40° dans toutes les directions. Indice de protection IP20, IP23 selon les versions. Classe d'isolation I, III selon les versions.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

1, 2, 3 or 4 lamp adjustable- system, for recessed ceiling thicknesses of 1-30 mm. Suitable for use with LED lamps or very low voltage halogens.

Pressed steel and matt black, powder-coated recessed housing, extruded aluminum recessed trim frame for use with false ceiling systems. (Battery No Trim).

Steel "compass-type" adjustment mechanism, powder-coated matt black. Innovative steel bracket fixing system, painted black, with allen key locking mechanism. Die-cast aluminum knurled rings housed in a 3 mm steel frame. Terminal block positioned on canopy housing box.

Halogen: additional high-resistance PPS inner ring, for mounting lamp and anti-glare functions.

Reflectors

Super-pure, anodised-aluminum, silver reflectors with polished specular finish.

Power Supply

Pre-wiring included; ready for remote power supply.

Halogen:

- Electronic transformer 20/105W, 220/240V, 50/60Hz suitable for dimming when used with trailing edge dimmers.

Accessories

- Screening cylinder with cross baffle element incorporated, black powder-coated finish.
- Honeycomb.
- 4 mm tempered glass elliptical distribution lens.
- Chromatic filters.
- Frame needed for installation on false ceiling (Battery No Trim).

Additional Information

Compass-type adjustment system permits focusing from 0° to 40° in all directions.

IP20, IP23 protection grade depending on the versions.

Insulation class I, III depending on the versions.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Trim

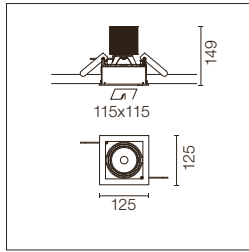


No Trim

BATTERY

Battery Trim Small 1L

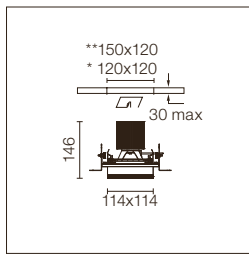
Light Source: LED Array DC 500 mA - 16,5W - 2290 lm - 3000K/CRI 80



Appareil d'éclairage encastré à LED. Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Battery No Trim Small 1L



Cadre de pré-montage à commander séparément.

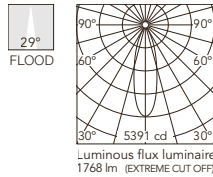
Pre-installation frame must be ordered separately.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Phase Dimming

Recommended power supply:
60.9162
60.8533
60.8530
60.8534

* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
** Plafond non accessible. | Inaccessible ceiling.

- 04.6470.20B
- 04.6470.08B
- 04.6470.14B

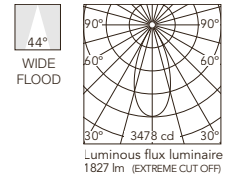


Beam Angle: 29°

h(m)	E(lx)	D(m)
1	5391	0.52
2	1348	1.04
3	599	1.56
4	337	2.08
5	216	2.59

- 04.6470.14BNT

- 04.6471.20B
- 04.6471.08B
- 04.6471.14B



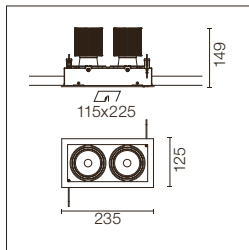
Beam Angle: 44°

h(m)	E(lx)	D(m)
1	3478	0.80
2	870	1.61
3	386	2.41
4	217	3.21
5	139	4.01

- 04.6471.14BNT

Battery Trim Small 2L

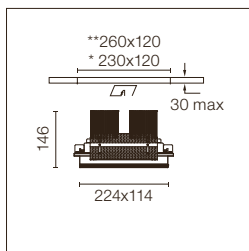
Light Source: LED Array DC 500 mA - 2x16,5W - 2x2290 lm - 3000K/CRI 80



Appareil d'éclairage encastré à LED. Alimentation non comprise. Une alimentation est nécessaire pour chacun des corps optiques.

Recessed luminaire with LED light source. Power supply not included. Requires one power supply for each optic body.

Battery No Trim Small 2L



Cadre de pré-montage à commander séparément.

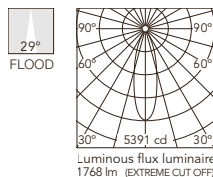
Pre-installation frame must be ordered separately.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Phase Dimming

Recommended power supply:
60.9162
60.8533
60.8530
60.8534

* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
** Plafond non accessible. | Inaccessible ceiling.

- 04.6475.20B
- 04.6475.08B
- 04.6475.14B

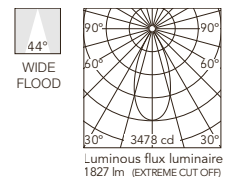


Beam Angle: 29°

h(m)	E(lx)	D(m)
1	5391	0.52
2	1348	1.04
3	599	1.56
4	337	2.08
5	216	2.59

- 04.6475.14BNT

- 04.6476.20B
- 04.6476.08B
- 04.6476.14B



Beam Angle: 44°

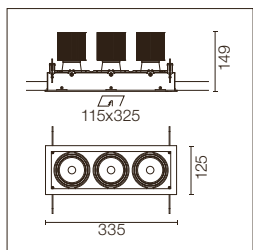
h(m)	E(lx)	D(m)
1	3478	0.80
2	870	1.61
3	386	2.41
4	217	3.21
5	139	4.01

- 04.6476.14BNT

BATTERY

Battery Trim Small 3L

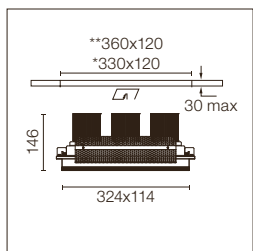
Light Source: LED Array DC 500 mA - 3x16,5W - 3x2290 lm - 3000K/CRI 80



Appareil d'éclairage encastré à LED.
Alimentation non comprise. Une alimentation est nécessaire pour chacun des corps optiques.

Recessed luminaire with LED light source. Power supply not included. Requires one power supply for each optic body.

Battery No Trim Small 3L



Cadre de pré-montage à commander séparément.

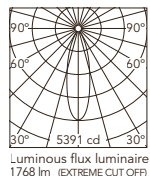
Pre-installation frame must be ordered separately.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Phase Dimming

Recommended power supply:
60.9162
60.8533
60.8530
60.8534

* Plafond accessible/modulaire/ouvert. | Accessible ceiling: modular/open.
** Plafond non accessible. | Inaccessible ceiling.

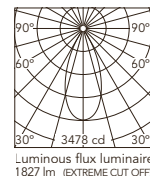
- 04.6480.20B
- 04.6480.08B
- 04.6480.14B
- 04.6480.14BNT



h(m)	Et(x)	D(m)
1	5391	0.52
2	1348	1.04
3	599	1.56
4	337	2.08
5	216	2.59

Beam Angle: 29°
Luminous flux luminaire: 5391 cd
1768 lm (EXTREME CUT OFF)

- 04.6481.20B
- 04.6481.08B
- 04.6481.14B
- 04.6481.14BNT

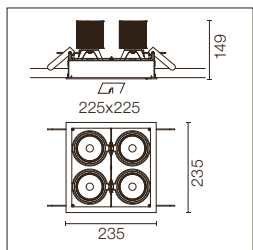


h(m)	Et(x)	D(m)
1	3478	0.80
2	870	1.61
3	386	2.41
4	217	3.21
5	139	4.01

Beam Angle: 44°
Luminous flux luminaire: 3478 cd
1827 lm (EXTREME CUT OFF)

Battery Trim Small 4L Square

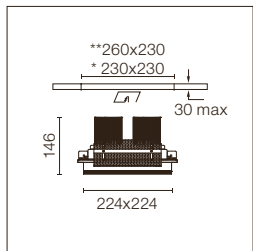
Light Source: LED Array DC 500 mA - 4x16,5W - 4x2290 lm - 3000K/CRI 80



Appareil d'éclairage encastré à LED.
Alimentation non comprise. Une alimentation est nécessaire pour chacun des corps optiques.

Recessed luminaire with LED light source. Power supply not included. Requires one power supply for each optic body.

Battery No Trim Small 4L Square



Cadre de pré-montage à commander séparément.

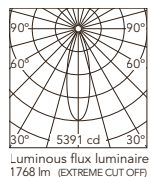
Pre-installation frame must be ordered separately.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Phase Dimming

Recommended power supply:
60.9162
60.8533
60.8530
60.8534

* Plafond accessible/modulaire/ouvert. | Accessible ceiling: modular/open.
** Plafond non accessible. | Inaccessible ceiling.

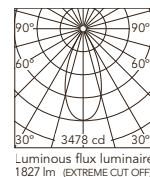
- 04.6485.20B
- 04.6485.08B
- 04.6485.14B
- 04.6485.14BNT



h(m)	Et(x)	D(m)
1	5391	0.52
2	1348	1.04
3	599	1.56
4	337	2.08
5	216	2.59

Beam Angle: 29°
Luminous flux luminaire: 5391 cd
1768 lm (EXTREME CUT OFF)

- 04.6486.20B
- 04.6486.08B
- 04.6486.14B
- 04.6486.14BNT



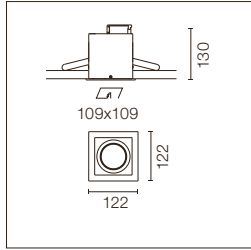
h(m)	Et(x)	D(m)
1	3478	0.80
2	870	1.61
3	386	2.41
4	217	3.21
5	139	4.01

Beam Angle: 44°
Luminous flux luminaire: 3478 cd
1827 lm (EXTREME CUT OFF)

BATTERY

Battery Trim Small 1L

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7/10W



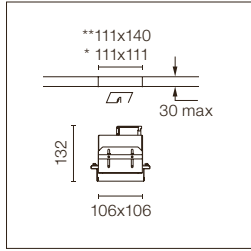
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

Anneau interne additionnel en plastique (PPS) très résistant.

Additional inner plastic (PPS) ring for lamp approaching & low glare effect.

Battery No Trim Small 1L



Cadre de pré-montage à commander séparément.

Pre-installation frame must be ordered separately.

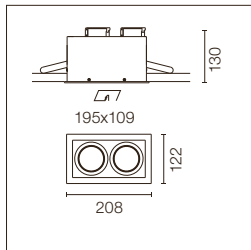
- 04.6021.20
- 04.6021.08
- 04.6021.14

- 04.6021.20.NT
- 04.6021.08.NT
- 04.6021.14.NT

* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
 ** Plafond non accessible. | Inaccessible ceiling.

Battery Trim Small 2L

Light Source: QR-CBC 51 GX5.3 - max 2x50W or LED QR-CBC 51 GX5.3 - 2x7/10W



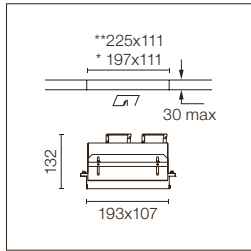
Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

Anneau interne additionnel en plastique (PPS) très résistant.

Additional inner plastic (PPS) ring for lamp approaching & low glare effect.

Battery No Trim Small 2L



Cadre de pré-montage à commander séparément.

Pre-installation frame must be ordered separately.

- 04.6022.20
- 04.6022.08
- 04.6022.14

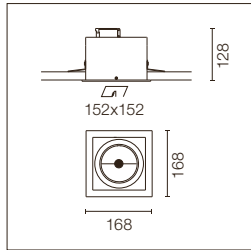
- 04.6022.20.NT
- 04.6022.08.NT
- 04.6022.14.NT

* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
 ** Plafond non accessible. | Inaccessible ceiling.

BATTERY

Battery Trim Large 1L

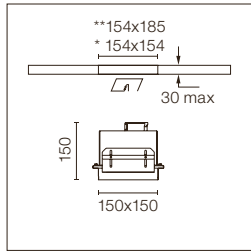
Light Source: QR-111 G53 - max 100W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

Battery No Trim Large 1L



Cadre de pré-montage à commander séparément.

Pre-installation frame must be ordered separately.

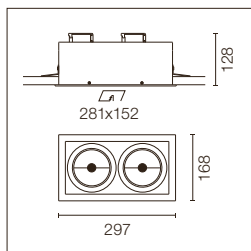
- 04.6001.20
- 04.6001.08
- 04.6001.14

- 04.6001.20.NT
- 04.6001.08.NT
- 04.6001.14.NT

* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
 ** Plafond non accessible. | Inaccessible ceiling.

Battery Trim Large 2L

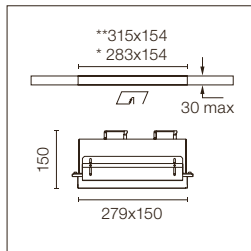
Light Source: QR-111 G53 - max 2x100W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

Battery No Trim Large 2L



Cadre de pré-montage à commander séparément.

Pre-installation frame must be ordered separately.

- 04.6002.20
- 04.6002.08
- 04.6002.14


- 04.6002.20.NT
- 04.6002.08.NT
- 04.6002.14.NT


* Plafond accessible modulaire/ouvert. | Accessible ceiling: modular/open.
 ** Plafond non accessible. | Inaccessible ceiling.

BATTERY


Accessoires / Accessories

Battery No Trim: LED Array

Petit cadre de pré-montage pour 1 point lumineux.	Pre-installation frame small single light.		08.8523.00
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Petit cadre de pré-montage pour 2 points lumineux.	Pre-installation frame small 2 lights.		08.8524.00
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Petit cadre de pré-montage pour 3 points lumineux.	Pre-installation frame small 3 lights.		08.8525.00
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Petit cadre de pré-montage pour 4 points lumineux.	Pre-installation frame small 4 lights.		08.8526.00
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Battery No Trim: QR-CBC 51

Petit cadre de pré-montage pour 1 point lumineux.	Pre-installation frame small single light.		08.8080.00
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Petit cadre de pré-montage pour 2 points lumineux.	Pre-installation frame small 2 lights.		08.8081.00
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Battery No Trim: QR-111

Grand cadre de pré-montage pour 1 point lumineux.	Pre-installation frame large single light.		08.8084.00
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Grand cadre de pré-montage pour 2 points lumineux.	Pre-installation frame large 2 lights.		08.8085.00
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BATTERY

Accessoires / Accessories

Battery Trim / No Trim: LED Array

Honeycomb Honeycomb		08.8495.14
Filtre bleu Blue filter		08.8503.64.OD
Filtre bleu ciel Sky blue filter		08.8503.65.OD
Filtre ambre Amber filter		08.8503.66.OD
Filtre rouge Red filter		08.8503.67.OD
Hot light Hot light		08.8503.69
Cold light Old light		08.8503.CL
Daylight Daylight		08.8503.DL
Neodimium Neodimium		08.8503.ND

Battery Trim / No Trim: QR-111

Lentille elliptique Elliptical lens		<input type="checkbox"/> 08.8025.20 <input type="checkbox"/> 08.8025.08 <input type="checkbox"/> 08.8025.14
Cylindre écran Screening cylinder		<input type="checkbox"/> 08.8030.20 <input type="checkbox"/> 08.8030.08 <input type="checkbox"/> 08.8030.14
Honeycomb Honeycomb		<input type="checkbox"/> 08.8029.20 <input type="checkbox"/> 08.8029.08 <input type="checkbox"/> 08.8029.14
Lentille flood Flood lens		<input type="checkbox"/> 08.8180.20 <input type="checkbox"/> 08.8180.08 <input type="checkbox"/> 08.8180.14
Filtre bleu Blue filter		<input type="checkbox"/> 08.8027.20.AO <input type="checkbox"/> 08.8027.08.AO <input type="checkbox"/> 08.8027.14.AO
Filtre bleu ciel Sky blue filter		<input type="checkbox"/> 08.8027.20.AC <input type="checkbox"/> 08.8027.08.AC <input type="checkbox"/> 08.8027.14.AC
Filtre ambre Amber filter		<input type="checkbox"/> 08.8027.20.AM <input type="checkbox"/> 08.8027.08.AM <input type="checkbox"/> 08.8027.14.AM
Filtre rouge Red filter		<input type="checkbox"/> 08.8027.20.RO <input type="checkbox"/> 08.8027.08.RO <input type="checkbox"/> 08.8027.14.RO
Filtre anti U.V. U.V. filter		<input type="checkbox"/> 08.8027.20.UV <input type="checkbox"/> 08.8027.08.UV <input type="checkbox"/> 08.8027.14.UV
Filtre anti I.R. I.R. filter		<input type="checkbox"/> 08.8027.20.IR <input type="checkbox"/> 08.8027.08.IR <input type="checkbox"/> 08.8027.14.IR
Hot light Hot light		<input type="checkbox"/> 08.8027.20.HL <input type="checkbox"/> 08.8027.08.HL <input type="checkbox"/> 08.8027.14.HL
Cold light Old light		<input type="checkbox"/> 08.8027.20.CL <input type="checkbox"/> 08.8027.08.CL <input type="checkbox"/> 08.8027.14.CL
Daylight Daylight		<input type="checkbox"/> 08.8027.20.DL <input type="checkbox"/> 08.8027.08.DL <input type="checkbox"/> 08.8027.14.DL
Neodimium Neodimium		<input type="checkbox"/> 08.8027.20.ND <input type="checkbox"/> 08.8027.08.ND <input type="checkbox"/> 08.8027.14.ND



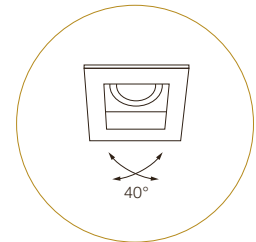
OPAL			FIXED	ADJUSTABLE	
LIGHT SOURCE LED ARRAY 9,2W 1060 lm 3000K/CRI 90	LIGHT SOURCE PAR 16 GZ10 max 50W	LIGHT SOURCE QR-CBC 51 GX5.3 max 50W	LIGHT SOURCE LED ARRAY 9,2W 1060 lm 3000K/CRI 90	LIGHT SOURCE PAR 16 GZ10 max 50W - OR - LED PAR 16 4W	LIGHT SOURCE QR-CBC 51 GX5.3 max 50W - OR - LED QR-CBC 51 7/10W

□ 20 Blanc Mat/RAL 9016
20 Matt White

■ 08 Mercure/RAL 9007
08 Mercury

■ 14 Noir Mat/RAL 9005
14 Matt Black

Les versions "adjustable" peuvent être orientées jusqu'à 40° dans toutes les directions.
Adjustable versions can be swivelled 40° in any direction.



Description

Projecteur à encastrer pour installations intérieures en version orientable ou fixe. Conçu pour des lampes LED, halogènes très basse tension ou directement sur secteur, à halogénures métalliques, combinables entre elles. Corps inclinable de support à la lampe en aluminium moulé sous pression recouvert d'une peinture à poudre noire. Anneau de fermeture en aluminium moulé sous pression recouvert d'une peinture à poudre noire. Ressort de fixation de la lampe en acier inoxydable. Corps à encastrer permettant de cacher la lampe en acier recouvert d'une peinture poudre noire. Cadre extérieur en aluminium peint. Système de fixation prévu pour faux-plafond jusqu'à 30mm d'épaisseur avec étriers en acier inoxydable munis de vis de sécurité.

Réflecteurs

Le projecteur est exclusivement conçu pour des sources lumineuses munies de réflecteur.

Unité d'Alimentation

Transformateur électronique de dernière génération non inclus.
Transformateur électronique 20/105W, 220/240V, 50/60Hz, avec variateur et dispositif à fin ou début de phase.

Accessoires

Cylindre anti-éblouissement. Cut-off de 40°. Non compatible avec des versions de LED.

Informations Complémentaires

Système d'orientation de type compas qui permet l'orientation jusqu'à 40° dans toutes les directions. Indice de protection: IP44 sur plafonds non accessibles et appareils avec verre de protection; IP23 sur plafonds non accessibles et appareils sans verre de protection. Classe d'isolation II, III selon les versions. Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Recessed indoor luminaire, adjustable or fixed. Suitable for use with LED lamps, very low voltage halogens or direct mains power, metal halide lamps or a combination of them. Die-cast aluminum adjustable lamp-support with black powder-coated finish. Die-cast aluminum, black powder-coated closing ring. Stainless steel lamp fixing spring. Recessed steel body for reducing lamp visibility with black powder-coated finish. Painted aluminum outer frame. Fixing system for ceiling thicknesses 0-30 mm. with steel sprung brackets.

Reflectors

The luminaire is designed for reflector lamps only.

Power Supply

Next-generation electronic transformer not included. 20/105W, 220/240V, 50/60Hz electronic transformer suitable for dimming when used with trailing edge dimmers.

Accessories

Anti-glare cylinder. Cut-off 40°. Not compatible with LED versions.

Additional Information

Compass-type adjustment system permits focusing from 0° to 40° in all directions. IP44 protection grade in non-accessible ceilings, for luminaires with glass cover; IP23 in non-accessible ceilings, for luminaires without glass cover. Insulation class II, III depending on the versions. Suitable for installation on normally inflammable surfaces.

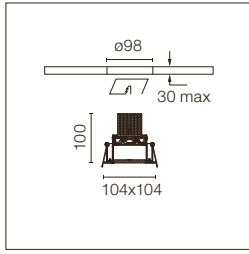
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

MICRO BATTERY

Micro Battery Opal Glass

Light Source: LED Array DC 500 mA - 9,2W - 1060 lm - 3000K/CRI 90



Appareil d'éclairage encastré à LED. Alimentation non comprise.

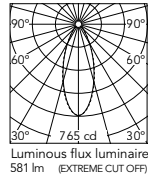
Recessed luminaire with LED light source. Power supply not included.



Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8650
60.8533
60.8530
60.8534

- 04.6330.20B
- 04.6330.08B
- 04.6330.14B



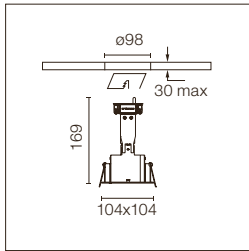
Beam Angle: 40°

h(m)	E lx	D(m)
1	765	0.72
2	191	1.45
3	85	2.17
4	48	2.89
5	31	3.62

Luminous flux luminaire
581 lm (EXTREME CUT OFF)

Micro Battery Opal Glass

Light Source: PAR 16 GZ10 - max 50W



Appareil d'éclairage encastré à tension de réseau.

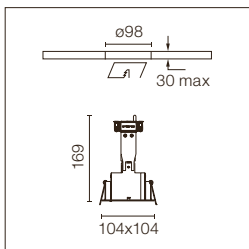
Recessed luminaire with main voltage source.



- 04.6305.20
- 04.6305.08
- 04.6305.14

Micro Battery Opal Glass

Light Source: QR-CBC 51 GX5.3 - max 50W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

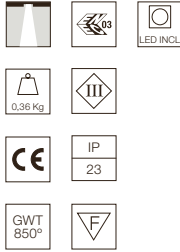
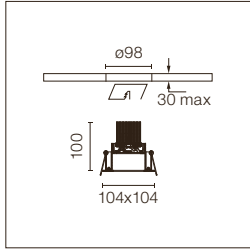


- 04.6300.20
- 04.6300.08
- 04.6300.14

MICRO BATTERY

Micro Battery Fixed

Light Source: LED Array DC 500 mA - 9,2W - 1060 lm - 3000K/CRI 90



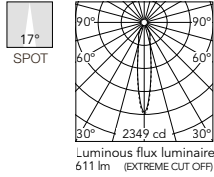
Appareil d'éclairage encastré à LED.
Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8650
60.8533
60.8530
60.8534

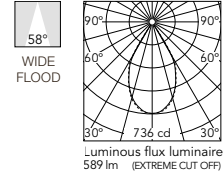
- 04.6333.20B
- 04.6333.08B
- 04.6333.14B



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2349	0.31
2	587	0.61
3	261	0.92
4	147	1.23
5	94	1.54

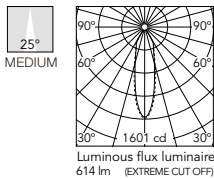
- 04.6335.20B
- 04.6335.08B
- 04.6335.14B



Beam Angle: 58°

h(m)	E(lx)	D(m)
1	736	1.10
2	184	2.20
3	82	3.30
4	46	4.40
5	29	5.50

- 04.6334.20B
- 04.6334.08B
- 04.6334.14B

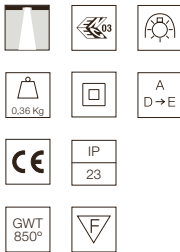
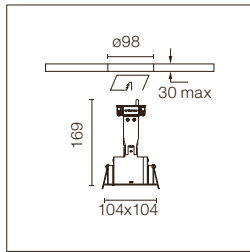


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1601	0.45
2	400	0.90
3	178	1.35
4	100	1.80
5	64	2.25

Micro Battery Fixed

Light Source: PAR 16 GZ10 - max 50W or LED PAR 16 GZ10 - 4W



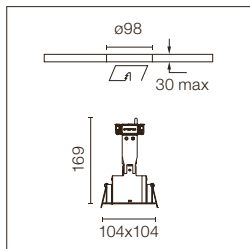
Appareil d'éclairage encastré à tension de réseau.

Recessed luminaire with main voltage source.

- 04.6306.20
- 04.6306.08
- 04.6306.14

Micro Battery Fixed

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7/10W



Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

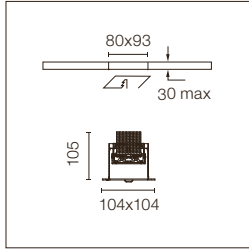
Recessed 12V halogen lamp luminaire. Remote transformer not included.

- 04.6301.20
- 04.6301.08
- 04.6301.14

MICRO BATTERY

Micro Battery Adjustable

Light Source: LED Array DC 500 mA - 9,2W - 1060 lm - 3000K/CRI 90



GWT 850°
 40°
 40°
 LED INCL
 0,43 Kg
 III
 CE
 IP 23

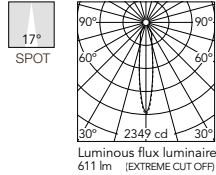
Appareil d'éclairage encastré à LED. Alimentation non comprise.

Recessed luminaire with LED light source. Power supply not included.

Alimentations recommandées :
 Non Dimmable
 Dimmable 1-10V
 Dimmable Dali
 Mains Dimming

Recommended power supply:
 60.8650
 60.8533
 60.8530
 60.8534

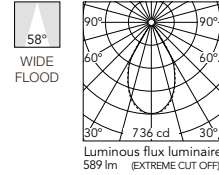
- 04.6336.20B
- 04.6336.08B
- 04.6336.14B



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2349	0.31
2	587	0.61
3	261	0.92
4	147	1.23
5	94	1.54

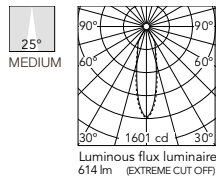
- 04.6338.20B
- 04.6338.08B
- 04.6338.14B



Beam Angle: 58°

h(m)	E(lx)	D(m)
1	736	1.10
2	184	2.20
3	82	3.30
4	46	4.40
5	29	5.50

- 04.6337.20B
- 04.6337.08B
- 04.6337.14B

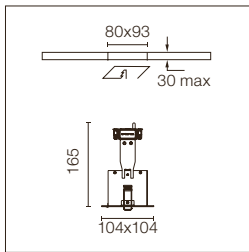


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1601	0.45
2	400	0.90
3	178	1.35
4	100	1.80
5	64	2.25

Micro Battery Adjustable

Light Source: PAR 16 GZ10 - max 50W or LED PAR 16 GZ10 - 4W



GWT 850°
 40°
 40°
 LED INCL
 0,43 Kg
 III
 CE
 IP 23
 A D → E

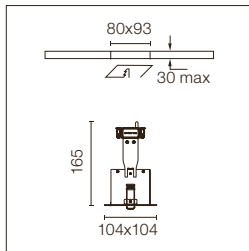
Appareil d'éclairage encastré à tension de réseau.

Recessed luminaire with main voltage source.

- 04.6307.20
- 04.6307.08
- 04.6307.14

Micro Battery Adjustable

Light Source: QR-CBC 51 GX5.3 - max 50W or LED QR-CBC 51 GX5.3 - 7/10W



GWT 850°
 40°
 40°
 LED INCL
 0,40 Kg
 III
 CE
 IP 23
 A → E

Appareil d'éclairage encastré pour lampe halogène 12V. Transformateur à distance non inclus.

Recessed 12V halogen lamp luminaire. Remote transformer not included.

- 04.6302.20
- 04.6302.08
- 04.6302.14

Accessoires / Accessories

Cylindre anti-éblouissement. Cut-off de 40°. Non compatible avec des versions de LED.

Anti-glare cylinder. Cut-off 40°. Not compatible with LED versions.



- 08.8270.14

NEUTRON

DESIGNED BY PIERO LISSONI

NEUTRON I NO TRIM



LIGHT SOURCE
POWER LED
4,2W
425 lm
3000K/CRI 80

NEUTRON I



LIGHT SOURCE
PHOSPHOR
LED
6,5W
965 lm
3000K/CRI 80

LIGHT SOURCE
POWER LED
7W
950 lm
3000K/CRI 80

LIGHT SOURCE
POWER LED
1,5W
170 lm
3000K/CRI 80

Neutron I No Trim

■ 14 Noir
14 Black



Neutron I Round / Square

■ 04 Noir Mat/RAL 9011
04 Matt Black



■ 55 Acier Inoxydable
55 Stainless Steel



■ PB Acier Inoxydable Cuivre Foncé
PB Stainless Steel Dark Copper



NEUTRON

Description

Projecteur à encastrer au plafond au sol pour LED. Corps à encastrer en aluminium moulé sous pression très résistant à la corrosion et à la détérioration des rayons UV et IR.

Verre de protection trempé d'une épaisseur de 6mm. Joints en silicone. Anneau de fermeture avec vis de fixation en acier inoxydable. Presse-câble type PG9 avec câble d'alimentation pré-câblé d'une longueur de 1m.

Unité d'Alimentation

Ballast électronique de dernière génération intégré ou à distance. Inclus selon les versions.

Accessoires

Boîte de dérivation étanche IP67.
Coffrage en matériel thermoplastique nécessaire pour encastrer au sol.

Informations Complémentaires

Indice de protection IP65, IP67 selon les versions.
Classe d'isolation I, II, III selon les versions.
Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Recessed luminaire for ceilings or in ground applications for LEDs. Die-cast aluminum recessed housing, high corrosion- resistance.

6mm tempered protection glass. Silicone seals. Stainless steel closing ring with fixing screws. PG9 cable gland with pre-wired 1 metre power loom.

Power Supply

Integrated next-generation electronic transformer or remote. Included depending on the version.

Accessories

IP67 connection box.
Thermoplastic recessed housing for in ground applications.

Additional Information

Insulation class I,II, III depending on the versions.
IP65, IP67 protection grade depending on the versions.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Ceiling

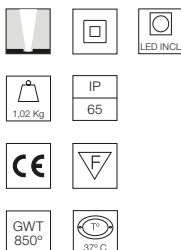
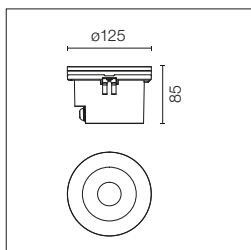


Floor

NEUTRON

Neutron I No Trim Floor

Light Source: Power LED 4,2W - 425 lm - 3000K/CRI 80



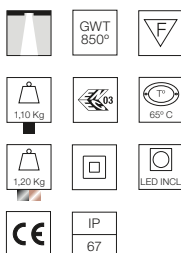
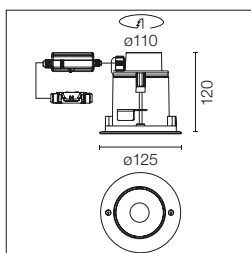
Appareil d'éclairage encastré up-light No Trim. Verre de sécurité. Source d'alimentation intégrée. Boîtier d'encastrement non compris (livré séparément).

No Trim recessed up-light luminaire. Safety glass. Integrated power supply source. Housing for recessed installation not included; supplied separately.

07.5000.14

Neutron I Fixed Round Ceiling

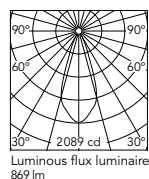
Light Source: Phosphor LED 6,5W - 965 lm - 3000K/CRI 80



Appareil d'éclairage encastré. Module LED à phosphore intégré. Driver électronique à distance 220/240V inclus. Dispositif de connexion étanche compris.

Recessed luminaire. Phosphor LED module integrated. Remote electronic driver 220/240V included. Watertight connection device included.

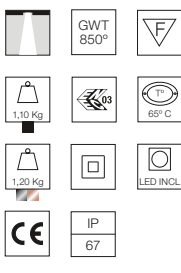
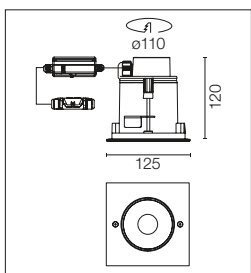
07.9502.04B
07.9502.55B
07.9502.PBB



Beam Angle: 38°	h(m)	E(lx)	D(m)
1	2089	0.69	
2	522	1.38	
3	232	2.07	
4	131	2.77	
5	84	3.46	

Neutron I Fixed Square Ceiling

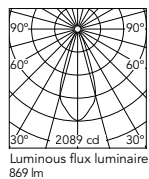
Light Source: Phosphor LED 6,5W - 965 lm - 3000K/CRI 80



Appareil d'éclairage encastré. Module LED à phosphore intégré. Driver électronique à distance 220/240V inclus. Dispositif de connexion étanche compris.

Recessed luminaire. Phosphor LED module integrated. Remote electronic driver 220/240V included. Watertight connection device included.

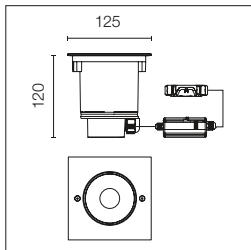
07.9503.04B
07.9503.55B
07.9503.PBB



Beam Angle: 38°	h(m)	E(lx)	D(m)
1	2089	0.69	
2	522	1.38	
3	232	2.07	
4	131	2.77	
5	84	3.46	

Neutron I Fixed Square Floor

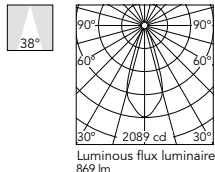
Light Source: Phosphor LED 6,5W - 965 lm - 3000K/CRI 80



Appareil d'éclairage encastré up-light. Module LED à phosphore intégré. Driver électronique à distance 220/240V inclus. Dispositif de connexion étanche compris.

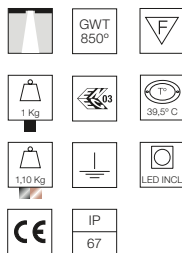
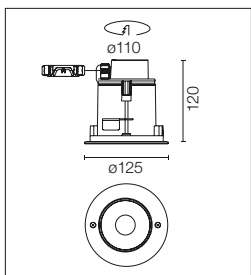
Recessed up-light luminaire. Phosphor LED module integrated. Remote electronic driver 220/240V included. Watertight connection device included.

- 07.9501.04B
- 07.9501.55B
- 07.9501.PBB



Neutron I Fixed Round Ceiling

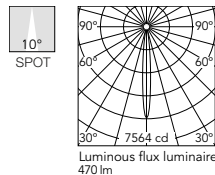
Light Source: Power LED 7W - 700 lm - 3000K/CRI 80



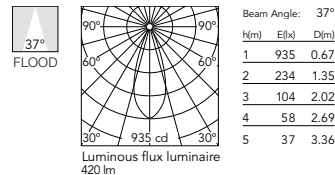
Appareil d'éclairage encastré. Module cluster 7 LEDs intégré. Driver électronique 220/240V intégré. Dispositif de connexion étanche compris.

Recessed luminaire. Cluster 7 LEDs module integrated. Electronic driver 220/240V integrated. Watertight connection device included.

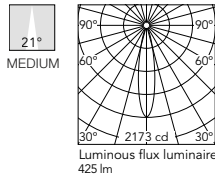
- 07.9512.04B
- 07.9512.55B
- 07.9512.PBB



- 07.9522.04B
- 07.9522.55B
- 07.9522.PBB



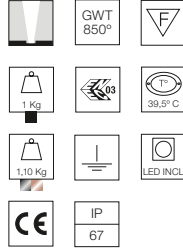
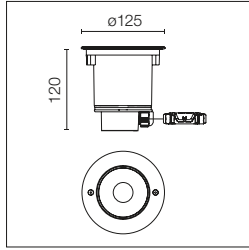
- 07.9517.04B
- 07.9517.55B
- 07.9517.PBB



NEUTRON

Neutron I Fixed Round Floor

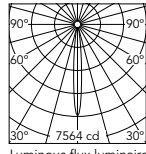
Light Source: Power LED 7W - 700 lm - 3000K/CRI 80



Appareil d'éclairage encastré up-light. Module cluster 7 LEDs intégré. Driver électronique 100/240V intégré. Dispositif de connexion étanche compris.

Recessed up-light luminaire. Cluster 7 LEDs module integrated. Electronic driver 100/240V integrated. Watertight connection device included.

07.9510.04B
07.9510.55B
07.9510.PBB

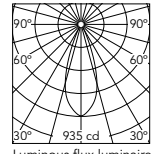


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	7564	0.18
2	1891	0.35
3	840	0.53
4	473	0.71
5	303	0.88

Luminous flux luminaire 470 lm

07.9520.04B
07.9520.55B
07.9520.PBB

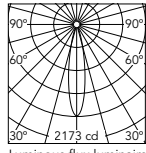


Beam Angle: 37°

h(m)	E(lx)	D(m)
1	935	0.67
2	234	1.35
3	104	2.02
4	58	2.69
5	37	3.36

Luminous flux luminaire 420 lm

07.9515.04B
07.9515.55B
07.9515.PBB



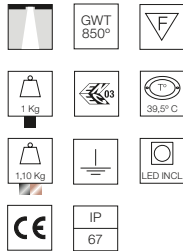
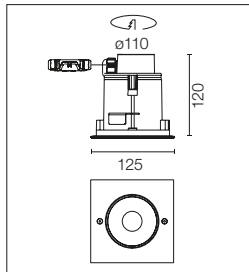
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	2173	0.36
2	543	0.73
3	241	1.09
4	136	1.46
5	87	1.82

Luminous flux luminaire 425 lm

Neutron I Fixed Square Ceiling

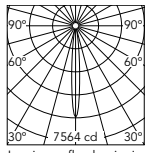
Light Source: Power LED 7W - 700 lm - 3000K/CRI 80



Appareil d'éclairage encastré. Module cluster 7 LEDs intégré. Driver électronique 220/240V intégré. Dispositif de connexion étanche compris.

Recessed luminaire. Cluster 7 LEDs module integrated. Electronic driver 220/240V integrated. Watertight connection device included.

07.9513.04B
07.9513.55B
07.9513.PBB

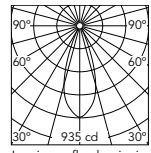


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	7564	0.18
2	1891	0.35
3	840	0.53
4	473	0.71
5	303	0.88

Luminous flux luminaire 470 lm

07.9523.04B
07.9523.55B
07.9523.PBB

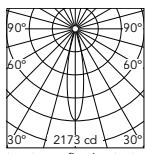


Beam Angle: 37°

h(m)	E(lx)	D(m)
1	935	0.67
2	234	1.35
3	104	2.02
4	58	2.69
5	37	3.36

Luminous flux luminaire 420 lm

07.9518.04B
07.9518.55B
07.9518.PBB



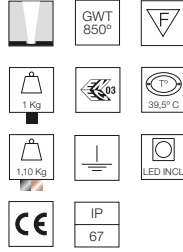
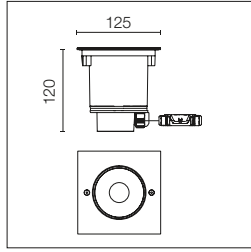
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	2173	0.36
2	543	0.73
3	241	1.09
4	136	1.46
5	87	1.82

Luminous flux luminaire 425 lm

Neutron I Fixed Square Floor

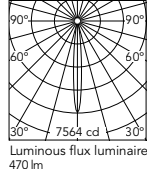
Light Source: Power LED 7W - 700 lm - 3000K/CRI 80



Appareil d'éclairage encastré up-light. Module cluster 7 LEDs intégré. Driver électronique 220/240V intégré. Dispositif de connexion étanche compris.

Recessed up-light luminaire. Cluster 7 LEDs module integrated. Electronic driver 220/240V integrated. Watertight connection device included.

- 07.9511.04B
- 07.9511.55B
- 07.9511.PBB

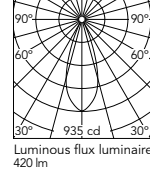


Beam Angle: 10°

h(m)	Elx)	D(m)
1	7564	0.18
2	1891	0.35
3	840	0.53
4	473	0.71
5	303	0.88

Luminous flux luminaire 470 lm

- 07.9521.04B
- 07.9521.55B
- 07.9521.PBB

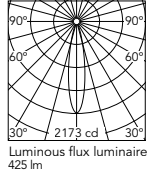


Beam Angle: 37°

h(m)	Elx)	D(m)
1	935	0.67
2	234	1.35
3	104	2.02
4	58	2.69
5	37	3.36

Luminous flux luminaire 420 lm

- 07.9516.04B
- 07.9516.55B
- 07.9516.PBB



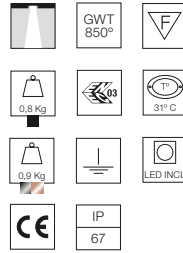
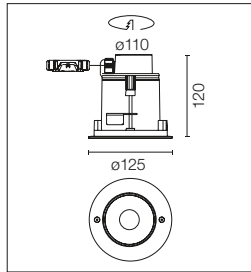
Beam Angle: 21°

h(m)	Elx)	D(m)
1	2173	0.36
2	543	0.73
3	241	1.09
4	136	1.46
5	87	1.82

Luminous flux luminaire 425 lm

Neutron I Fixed Round Ceiling LED Side Emitting

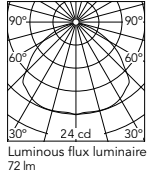
Light Source: Power LED 1,5W - 170 lm - 3000K/CRI 80



Appareil d'éclairage encastré. Driver électronique 220/240V intégré. Dispositif de connexion étanche compris.

Recessed luminaire. Electronic driver 220/240V integrated. Watertight connection device included.

- 07.9527.04A
- 07.9527.55A
- 07.9527.PBA



Beam Angle: 115°

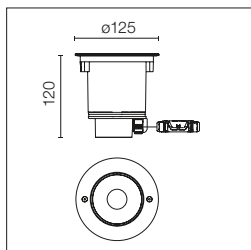
h(m)	Elx)	D(m)
1	24	3.16
2	6	6.32
3	3	9.48
4	2	12.64
5	1	15.80

Luminous flux luminaire 72 lm

NEUTRON

Neutron I Fixed Round Floor LED Side Emitting

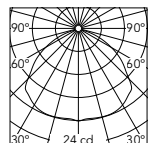
Light Source: Power LED 1,5W - 170 lm - 3000K/CRI 80



Appareil d'éclairage encastré up-light. Driver électronique 100/240V intégré. Dispositif de connexion étanche compris.

Recessed up-light luminaire. Electronic driver 100/240V integrated. Watertight connection device included.

- 07.9525.04A
- 07.9525.55A
- 07.9525.PBA



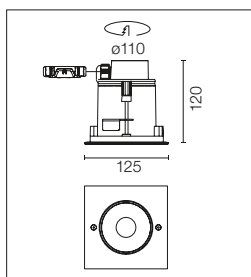
Beam Angle: 115°

h(m)	E(lx)	D(m)
1	24	3.16
2	6	6.32
3	3	9.48
4	2	12.64
5	1	15.80

Luminous flux luminaire 72 lm

Neutron I Fixed Square Ceiling LED Side Emitting

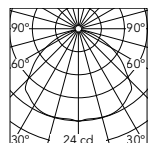
Light Source: Power LED 1,5W - 170 lm - 3000K/CRI 80



Appareil d'éclairage encastré. Driver électronique 220/240V intégré. Dispositif de connexion étanche compris.

Recessed luminaire. Electronic driver 220/240V integrated. Watertight connection device included.

- 07.9528.04A
- 07.9528.55A
- 07.9528.PBA



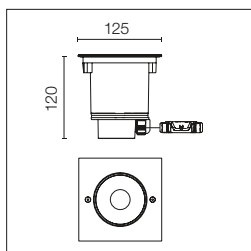
Beam Angle: 115°

h(m)	E(lx)	D(m)
1	24	3.16
2	6	6.32
3	3	9.48
4	2	12.64
5	1	15.80

Luminous flux luminaire 72 lm

Neutron I Fixed Square Floor LED Side Emitting

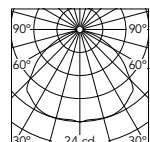
Light Source: Power LED 1,5W - 170 lm - 3000K/CRI 80



Appareil d'éclairage encastré up-light. Driver électronique 220/240V intégré. Dispositif de connexion étanche compris.

Recessed up-light luminaire. Electronic driver 220/240V integrated. Watertight connection device included.

- 07.9526.04A
- 07.9526.55A
- 07.9526.PBA



Beam Angle: 115°

h(m)	E(lx)	D(m)
1	24	3.16
2	6	6.32
3	3	9.48
4	2	12.64
5	1	15.80

Luminous flux luminaire 72 lm

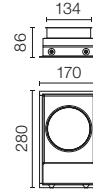
NEUTRON

Accessoires / Accessories

Neutron I No Trim

Boîtier d'encastrement.

Housing for recessed installation.



Non-adjustable
08.8780.00
Adjustable
08.8781.00

Neutron I

Boîtier d'encastrement en thermoplastique.

Housing for installation in paved grounds made of thermoplastic material.



07.9260.00

Neutron I

Boîtier de dérivation étanche IP67.

IP67 waterproof junction box: to be used for electrical connections.



08.8012.00

SPOTLIGHTS

Find Me, UT Spot, Solid Pure,
Pure Spot, Wan Spot,
Fort Knox, LightLight®.

FIND ME

DESIGNED BY JORGE HERRERA

FIND ME 0
TRIM / NO TRIM



LIGHT SOURCE
POWER LED
3,5W
300 lm
2700K/CRI 90
325 lm
3000K/CRI 90

FIND ME 1
TRIM / NO TRIM



FIND ME 1
2L



LIGHT SOURCE
POWER LED
6W
560 lm
2700K/CRI 90
600 lm
3000K/CRI 90

FIND ME 1
SUSPENSION



FIND ME 2
TRIM / NO TRIM



LIGHT SOURCE
POWER LED
10W
860 lm
2700K/CRI 90
900 lm
3000K/CRI 90

30 Blanc
30 White

06 Chromé
06 Chrome

14 Noir
14 Black

Mono Point



Double Point



Suspension



Couleurs du Cylindre Anti-éblouissement (compris)
Screening Cylinder Colours (included)

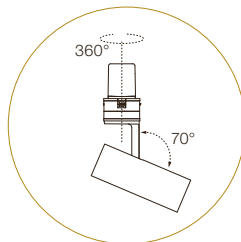
Orange
Orange

Violet
Violet

Noir
Black



Peut être pivoté à 360° et orienté à 70°.
Can be rotated 360° and swivelled 70°.



reddot design award
winner 2013

386

Description

Famille de projecteurs d'intérieur faciles à installer aux plafonds en plaques de plâtre. Avec un ou deux modules d'éclairage LED.

Le luminaire est disponible en les versions: Mono Point, Double Point et Suspension.

La version Mono Point est livrée avec un cadre cylindrique encastrable sur lequel est installé le module d'éclairage. Ce module d'éclairage peut être installé en position haute, pour faire fonction de "downlight", ou en position basse, comme projecteur orientable.

La version Mono Point est fournie avec un cadre à utiliser ou pas selon que l'on souhaite une version Trim ou No Trim.

La version Double Point se présente sous la forme d'un cadre en thermoplastique injecté sur lequel sont installés deux modules d'éclairage. À l'égal du modèle à un seul spot, les modules sont orientables et le cadre permet d'installer le produit en position basse pour la fonction "downlight".

La version Suspension est une variante de la version Mono Point. Sa principale caractéristique est son installation suspendue.

Réflecteurs

Le Luminaire est fourni avec un optique "accent lighting".

Unité d'Alimentation

Le produit est pré-câblé pour être raccordé à une alimentation à distance (non comprise) installée dans un endroit accessible ou qui passe à travers le trou d'encastrement :

Find Me 0: 50 mm.

Find Me 1: 62 mm.

Find Me 2: 70 mm.

Accessoires

La version Suspendue est équipée de cylindres anti-éblouissement en 3 coloris, orange, violet or noir, interchangeables entre eux.

Pour les Find Me 1 et 2 : des accessoires professionnels sont inclus.

Informations Complémentaires

Système d'orientation permettant une rotation à 360° verticalement et à 70° horizontalement.

Indice de protection IP20.

Classe d'isolation III.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Spotlight family for indoor use, easy to mount on plasterboard ceilings, comprised of one or two LED lighting modules.

The luminaire is available in following versions: Mono Point, Double Point and Suspension.

The Mono Point version is supplied with a recessed cylindrical frame, which houses the lighting module. This lighting module can be placed in its upper position, when it will work like a downlight, or in its lower position, becoming an adjustable spotlight.

The Mono Point version is supplied with a frame, which should be fitted to the product if a Trim version is required, or without, if a No Trim version is required.

The Double Point version is supplied with an injected thermoplastic material frame, which houses two lighting modules. Like the Mono Point version, the modules are directional and the frame enables the product to be concealed, leaving just the end visible.

The Suspension version is a variant of the Mono Point version. Its main characteristic is its suspended mounting.

Reflectors

The luminaire is designed for accent lighting.

Power Supply

The fitting is supplied prewired ready to be connected to a remote power supply (not included) installed in an accessible place or to be passed through the ceiling cut-out:

Find Me 0: 50 mm.

Find Me 1: 62 mm.

Find Me 2: 70 mm.

Accessories

The Suspension version has interchangeable screening cylinders in 3 colours: orange, violet or black, incorporated into the light fixture.

For the Find Me 1 and 2: professional accessories included.

Additional Information

Adjustable system that allows a 360° rotation on vertical and 70° on horizontal edge.

IP20 protection grade.

Insulation class III.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Suspension
Surface



Suspension
Recessed



Double Point



Mono Point
No Trim

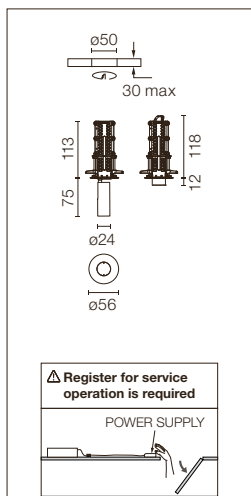
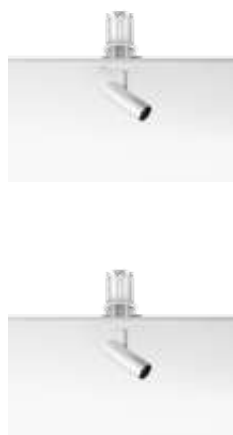


Mono Point
Trim

FIND ME

Find Me 0 (Trim / No Trim)

Light Source: Power LED DC 250 mA - 3,5W - 300 lm - 2700K/CRI 90 / 3,5W - 325 lm - 3000K/CRI 90



Appareil d'éclairage d'intérieur encastrable et orientable. Source d'alimentation à distance 250 mA non comprise.

Recessed adjustable luminaire for indoor application. Remote power supply 250 mA not included.

Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

Alimentation à distance à installer dans un endroit accessible.

Remote power supply to be installed in an accessible place.

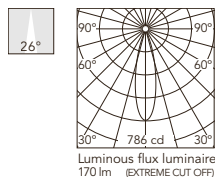
Il n'est pas recommandé d'utiliser des drivers réglables de plusieurs marques à cause des courbes de régulation spécifiques pour chaque marque.

It is not recommended to use dimmable drivers of several brands due to the specific dimming curves of each brand.

Alimentations recommandées :
1/2/3/L Non Dimmable: 100-240V
1/2/3/4/L Dimmable Dali: 220-240V
1/2/3/4/L Dimmable 1-10V: 220-240V

Recommended power supply:
60.9389
60.9406
60.9405

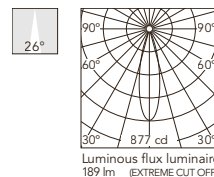
2700K
09.3781.30
09.3781.06
09.3781.14



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	786	0.45
2	197	0.91
3	87	1.36
4	49	1.82
5	31	2.27

3000K
09.3780.30
09.3780.06
09.3780.14

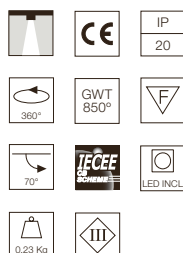
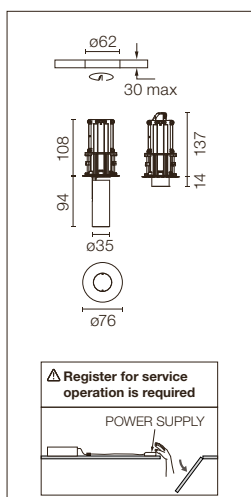


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	877	0.45
2	219	0.91
3	97	1.36
4	55	1.82
5	35	2.27

Find Me 1 (Trim / No Trim)

Light Source: Power LED DC 500 mA - 6W - 560 lm - 2700K/CRI 90 / 6W - 600 lm - 3000K/CRI 90



Appareil d'éclairage d'intérieur encastrable et orientable. Source d'alimentation à distance 500 mA non comprise.

Recessed adjustable luminaire for indoor application. Remote power supply 500 mA not included.

Accessoires compris (honeycomb et croix anti-éblouissement).

Accessories included (honeycomb and screening crosspiece).

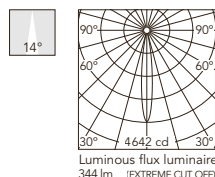
Alimentation à distance à installer dans un endroit accessible.

Remote power supply to be installed in an accessible place.

Alimentations recommandées :
Non Dimmable
Dimmable Dali
Mains Dimming
1-10V & Push

Recommended power supply:
60.8880
60.8847
60.8534
60.8536

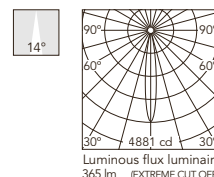
2700K
09.3751.30
09.3751.06
09.3751.14



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4642	0.24
2	1160	0.48
3	516	0.72
4	290	0.95
5	186	1.19

3000K
09.3750.30
09.3750.06
09.3750.14



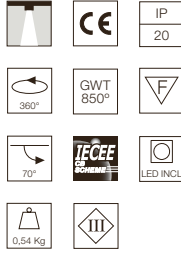
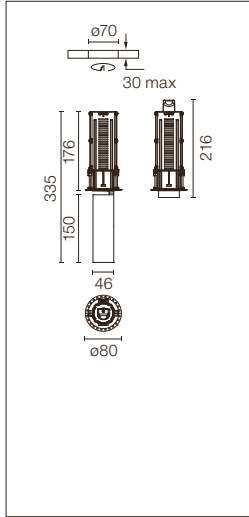
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4881	0.24
2	1220	0.49
3	542	0.73
4	305	0.97
5	195	1.21

FIND ME

Find Me 2 (Trim / No Trim)

Light Source: Power LED DC max 850 mA - 10W - 860 Lm - 2700K/CRI 90 / 10W - 900 lm - 3000K/CRI 90



Appareil d'éclairage d'intérieur encastrable et orientable. Source d'alimentation à distance non comprise.

Accessoires compris (honeycomb et croix anti-éblouissement).

Alimentation à distance à installer dans un endroit accessible.

Recessed adjustable luminaire for indoor application. Remote power supply not included.

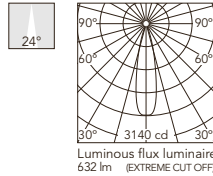
Accessories included (honeycomb and screening crosspiece).

Remote power supply to be installed in an accessible place.

Alimentations recommandées :
110-240V:
Non Dimmable MC
Dim 1-10V/Dim Dali/Push MC
Non Dimmable 700mA

Recommended power supply:
110-240V:
60.8911
60.8530
60.8529

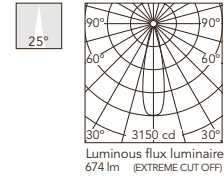
2700K
09.3707.30
09.3707.06
09.3707.14



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	3140	0.42
2	785	0.84
3	349	1.26
4	196	1.68
5	126	2.10

3000K
09.3708.30A
09.3708.06A
09.3708.14A



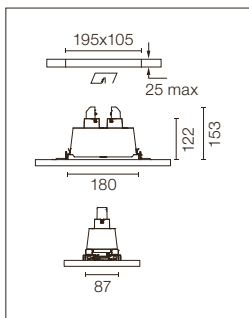
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	3150	0.44
2	788	0.88
3	350	1.32
4	197	1.76
5	126	2.20

Driver current (mA)	2700K		3000K	
	Luminous flux (lm)	Power (W)	Luminous flux (lm)	Power (W)
850	860	10	900	10
800	820	9	860	9
750	770	9	810	9
700	730	8	770	8

Find Me 1 2L

Light Source: Power LED DC 500 mA - 2x6W - 2x560 lm - 2700K/CRI 90 / 2x6W - 2x600 lm - 3000K/CRI 90



Appareil d'éclairage d'intérieur encastrable à deux modules d'éclairage orientables. Source d'alimentation à distance 500 mA non comprise.

Accessoires compris (honeycomb et croix anti-éblouissement).

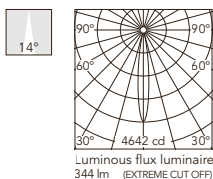
Alimentations recommandées :
60.8880

Recessed luminaire with two adjustable spots for indoor application. Remote power supply 500 mA not included.

Accessories included (honeycomb and screening crosspiece).

Recommended power supply:

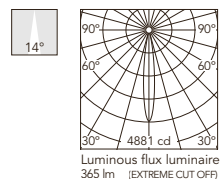
2700K
09.3706.30B
09.3706.14B



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4642	0.24
2	1160	0.48
3	516	0.72
4	290	0.95
5	186	1.19

3000K
09.3705.30B
09.3705.14B



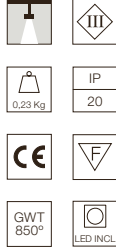
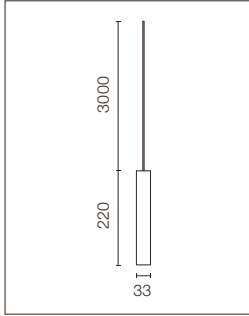
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4881	0.24
2	1220	0.49
3	542	0.73
4	305	0.97
5	195	1.21

FIND ME

Find Me 1 Suspension

Light Source: Power LED DC 500 mA - 6W - 560 lm - 2700K/CRI 90 / 6W - 600 lm - 3000K/CRI 90



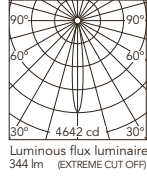
Appareil d'éclairage suspendu pour installation en plafonnier. Le produit comprend un cylindre anti-éblouissement interchangeable dans différentes couleurs (orange, violet et noir). Source d'alimentation à distance 500 mA non comprise.

Suspended ceiling-mounted luminaire. The product includes interchangeable shield cylinder in different colours (orange, violet and black). Remote power supply 500 mA not included.

Alimentations recommandées : 60.8654

Recommended power supply:

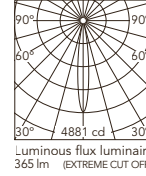
2700K
 09.3711.30B
 09.3711.06B
 09.3711.14B



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4642	0.24
2	1160	0.48
3	516	0.72
4	290	0.95
5	186	1.19

3000K
 09.3710.30B
 09.3710.06B
 09.3710.14B



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4881	0.24
2	1220	0.49
3	542	0.73
4	305	0.97
5	195	1.21

Accessoires / Accessories

Rose d'alimentation encastrée.

Recessed power supply rose.



08.8782.30

Rose d'alimentation pour surface.
 Source d'alimentation incluse.

Surface power supply rose.
 Power supply included.



08.8783.30
 08.8783.06
 08.8783.14

UT SPOT

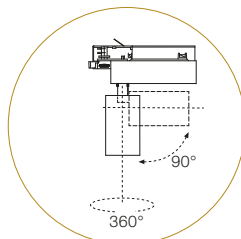
DESIGNED BY FLOS ARCHITECTURAL

<p>TRACK Ø57</p>  <p>LIGHT SOURCE LED ARRAY 23,5W 2500 lm 3000K/CRI 80 2080 lm 3000K/CRI 90 2150 lm 4000K/CRI 90</p>	<p>TRACK Ø57</p>  <p>LIGHT SOURCE LED ARRAY 21,5W 2500 lm 3000K/CRI 80 2080 lm 3000K/CRI 90 2150 lm 4000K/CRI 90</p>	<p>CEILING Ø57</p>  <p>LIGHT SOURCE LED ARRAY 21,5W 2500 lm 3000K/CRI 80 2080 lm 3000K/CRI 90 2150 lm 4000K/CRI 90</p>	<p>TRACK Ø86</p>  <p>LIGHT SOURCE LED ARRAY HIGH PERFORMANCES 35,5W 3770 lm 3000K/CRI 80 3116 lm 3000K/CRI 90 3246 lm 4000K/CRI 90</p> <p>LIGHT SOURCE PHOSPHOR LED 35,5W 2650 lm 3000K/CRI 98 3000 lm 4000K/CRI 80</p>	<p>TRACK WALL-WASHER Ø86</p>  <p>LIGHT SOURCE LED ARRAY HIGH PERFORMANCES 35,5W 3770 lm 3000K/CRI 80 3116 lm 3000K/CRI 90 3246 lm 4000K/CRI 90</p>
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<p>TRACK Ø86</p>  <p>LIGHT SOURCE LED ARRAY HIGH PERFORMANCES 32,8W 3770 lm 3000K/CRI 80 3116 lm 3000K/CRI 90 3246 lm 4000K/CRI 90</p> <p>LIGHT SOURCE PHOSPHOR LED 33W 2650 lm 3000K/CRI 98 29,3W 3000 lm 4000K/CRI 80</p>	<p>TRACK WALL-WASHER Ø86</p>  <p>LIGHT SOURCE LED ARRAY HIGH PERFORMANCES 32,8W 3770 lm 3000K/CRI 80 3116 lm 3000K/CRI 90 3246 lm 4000K/CRI 90</p>	<p>TRACK MULTICHIP Ø86</p>  <p>LIGHT SOURCE TOP LED 11,5W 750 lm 3000K/CRI 90 900 lm 3000K/CRI 80 930 lm 4000K/CRI 80</p>	<p>CEILING Ø86</p>  <p>LIGHT SOURCE LED ARRAY HIGH PERFORMANCES 32,8W 3770 lm 3000K/CRI 80 3116 lm 3000K/CRI 90 3246 lm 4000K/CRI 90</p> <p>LIGHT SOURCE PHOSPHOR LED 34,1W 3000 lm 3000K/CRI 98 29,3W 3000 lm 4000K/CRI 80</p>
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Peut être pivoté à 360° et orienté à 90°.
Can be rotated 360° and swivelled 90°.



Description

Luminaire d'intérieur à installer sur rail triphasé ou aux plafonds, disponible en sources de lumière à technologie LED haute puissance et dans les versions DALI et non DALI.

La famille est proposée en deux tailles (Ø57 / Ø86) et en quatre versions : Track (flexibilité totale d'installation), Ceiling (installation autonome), Multichip (angles d'ouverture du faisceau lumineux inférieurs à 150°) et Wall-Washer (en Ø86 uniquement).

Le corps optique du luminaire et le boîtier des équipements d'alimentation sont en aluminium injecté haute pression, avec des finitions en peinture à la poudre en blanc ou noir.

L'équipe d'alimentation à distance est inclus dans la version au plafond.

UT Downlight est également disponible (voir la rubrique Downlight du catalogue).

Unité d'Alimentation

Source d'alimentation à courant constant non réglable ou réglable DALI 220-240V incluse.

Avec potentiomètre intégré dans la version track avec boîtier. Les versions avec un adaptateur intégré ne possèdent pas de potentiomètre.

Accessoires

- Croix anti-éblouissement, lentille elliptique, lentille flood et honeycomb.
- Anneau support (UT Spot ø86).

Informations Complémentaires

Les appareils d'éclairage FLOS pour rail triphase standard sont conçus et testés pour les rails recommandés par FLOS. Leur compatibilité est garantie avec les rails triphasés fabriqués par Nordic Aluminium. Compatibilité Eutrac disponible sur demande. Pour vérifier s'ils sont compatibles avec d'autres rails, veuillez contacter FLOS avant l'installation.

Les appareils d'éclairage FLOS pour rail triphase DALI sont conçus pour les rails Pulse DALI de Nordic Aluminium.

- UT Spot ø86 (Track / Ceiling):

Grâce à la technologie à phosphore déporté, les modules LED qui équipent les versions Phosphor LED offrent la meilleure qualité de lumière possible et la perception des objets et des espaces atteint des indices de reproduction chromatique jusqu'à 98, selon les versions.

Les modules LED installés dans les versions LED Array sont équipés de la dernière génération technologique qui permet une température moyenne plus faible au niveau de l'électronique. Grâce à cette caractéristique, le luminaire peut fonctionner à plus forte puissance dans les limites des paramètres de sécurité, en offrant une augmentation de 20% du flux lumineux.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

A luminaire for indoor use to be mounted on three phase track or on ceilings, available in LED technology light sources and in DALI and non-DALI versions.

The family is available in two sizes (Ø57 / Ø86) and in four different versions: Track (totally flexible installation), Ceiling (stand-alone installation), Multichip (beam angles less than 150°) and Wall-Washer (only Ø86 version).

The optical housing of the luminaire, as well as the container of the power supply equipment, is manufactured in high-pressure injected aluminium, with white or black finishes.

Remote driver included in ceiling versions.

Also available UT Downlight (see Downlights catalogue section).

Power Supply

Not dimmable or dimmable Dali 220-240V, constant current, power supply included.

Includes a built-in potentiometer in the track with box version. Versions with a built-in adapter do not include a potentiometer.

Accessories

- Screening crosspiece, elliptical lens, flood lens and honeycomb.
- Support ring (UT Spot ø86).

Additional Information

Suitable for installation on normally inflammable surfaces. FLOS three-phase lighting track luminaires are designed and fully tested for tracks recommended by FLOS.

Compatibility is guaranteed with three-phase track produced by Nordic Aluminium. Compatibility with Eutrac under request. To verify compatibility with any other track, please contact FLOS before installation.

FLOS three-phase DALI track luminaires are designed for Pulse DALI from Nordic Aluminium.

- UT Spot ø86 (Track / Ceiling):

Thanks to remote-phosphor technology, the LED modules of the Phosphor LED versions offer maximum quality light, the perception of objects and spaces, reaching chromatic reproduction indices of 98, depending on the version.

The LED modules installed on the LED Array versions have cutting-edge technology that permit a lower average temperature in the electronics. Thanks to this feature, the luminaire can operate at a higher power inside the safety parameters, yet still offer 20% added luminous flux.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Ceiling

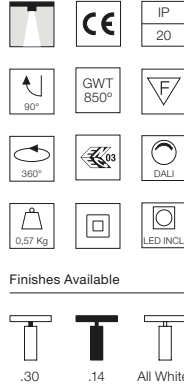
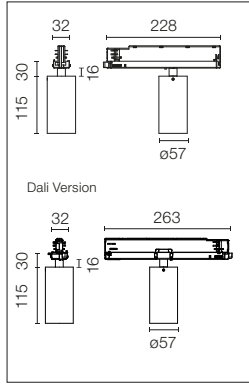


Track

UT SPOT

Ut Spot Track Ø57

Light Source: LED Array 23,5W - 2500 lm - 3000K/CRI 80 / 23,5W - 2080 lm - 3000K/CRI 90 / 23,5W - 2150 lm - 4000K/CRI 90



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

Dans les versions .30, l'adaptateur au rail, le bras et la partie arrière de la tête sont noirs. Dans les versions « all white », l'adaptateur au rail, le bras, la partie arrière de la tête et la tête sont blancs. Seul l'anneau anti-éblouissement reste de couleur noire.

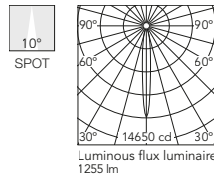
.30 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

3000K - CRI 80 Non Dimmable

- 09.7700.30A
- 09.7700.14A
- All White
- 09.7700.30A78

Dali Version

- 09.7700.30ADA
- 09.7700.14ADA
- All White
- 09.7700.30AYU



Beam Angle: 10°	h(m)	E(lx)	D(m)
1	14650	0.18	
2	3662	0.36	
3	1628	0.54	
4	916	0.72	
5	586	0.90	

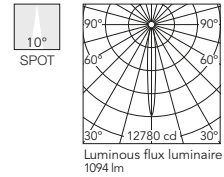
Luminous flux luminaire 1255 lm

4000K - CRI 90 Non Dimmable

- 09.7701.30A
- 09.7701.14A
- All White
- 09.7701.30A78

Dali Version

- 09.7701.30ADA
- 09.7701.14ADA
- All White
- 09.7701.30AYU



Beam Angle: 10°	h(m)	E(lx)	D(m)
1	12780	0.18	
2	3195	0.36	
3	1420	0.54	
4	799	0.72	
5	511	0.90	

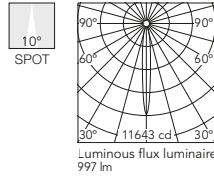
Luminous flux luminaire 1094 lm

3000K - CRI 90 Non Dimmable

- 09.7706.30A
- 09.7706.14A
- All White
- 09.7706.30A78

Dali Version

- 09.7706.30ADA
- 09.7706.14ADA
- All White
- 09.7706.30AYU



Beam Angle: 10°	h(m)	E(lx)	D(m)
1	11643	0.18	
2	2911	0.36	
3	1294	0.54	
4	728	0.72	
5	466	0.90	

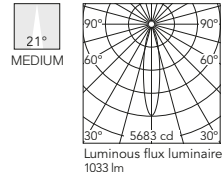
Luminous flux luminaire 997 lm

4000K - CRI 90 Non Dimmable

- 09.7703.30A
- 09.7703.14A
- All White
- 09.7703.30A78

Dali Version

- 09.7703.30ADA
- 09.7703.14ADA
- All White
- 09.7703.30AYU



Beam Angle: 21°	h(m)	E(lx)	D(m)
1	5683	0.37	
2	1421	0.73	
3	631	1.10	
4	355	1.47	
5	227	1.83	

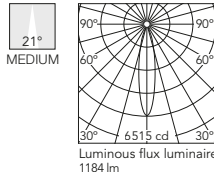
Luminous flux luminaire 1033 lm

3000K - CRI 80 Non Dimmable

- 09.7702.30A
- 09.7702.14A
- All White
- 09.7702.30A78

Dali Version

- 09.7702.30ADA
- 09.7702.14ADA
- All White
- 09.7702.30AYU



Beam Angle: 21°	h(m)	E(lx)	D(m)
1	6515	0.37	
2	1629	0.73	
3	724	1.10	
4	407	1.47	
5	261	1.83	

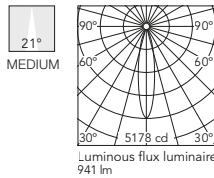
Luminous flux luminaire 1184 lm

3000K - CRI 90 Non Dimmable

- 09.7707.30A
- 09.7707.14A
- All White
- 09.7707.30A78

Dali Version

- 09.7707.30ADA
- 09.7707.14ADA
- All White
- 09.7707.30AYU



Beam Angle: 21°	h(m)	E(lx)	D(m)
1	5178	0.37	
2	1294	0.73	
3	575	1.10	
4	324	1.47	
5	207	1.83	

Luminous flux luminaire 941 lm

UT SPOT

3000K - CRI 80

Non Dimmable

09.7704.30A
 09.7704.14A

All White

09.7704.30A78

Dali Version

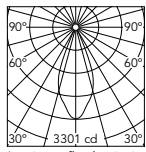
09.7704.30ADA
 09.7704.14ADA

All White

09.7704.30AYU



FLOOD



Luminous flux luminaire
1394 lm

Beam Angle: 42°

h(m) E(ft) D(m)

1	3301	0.76
2	825	1.52
3	367	2.28
4	206	3.05
5	132	3.81

4000K - CRI 90

Non Dimmable

09.7705.30A
 09.7705.14A

All White

09.7705.30A78

Dali Version

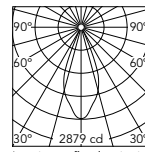
09.7705.30ADA
 09.7705.14ADA

All White

09.7705.30AYU



FLOOD



Luminous flux luminaire
1216 lm

Beam Angle: 42°

h(m) E(ft) D(m)

1	2879	0.76
2	720	1.52
3	320	2.28
4	180	3.05
5	115	3.81

3000K - CRI 90

Non Dimmable

09.7708.30A
 09.7708.14A

All White

09.7708.30A78

Dali Version

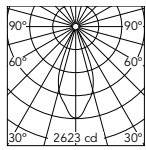
09.7708.30ADA
 09.7708.14ADA

All White

09.7708.30AYU



FLOOD



Luminous flux luminaire
1108 lm

Beam Angle: 42°

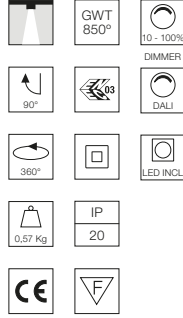
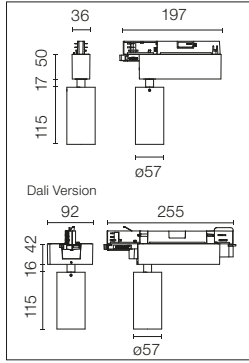
h(m) E(ft) D(m)

1	2623	0.76
2	656	1.52
3	291	2.28
4	164	3.05
5	105	3.81

UT SPOT

Ut Spot Track Ø57

Light Source: LED Array 21,5W - 2500 lm - 3000K/CRI 80 / 21,5W - 2080 lm - 3000K/CRI 90 / 21,5W - 2150 lm - 4000K/CRI 90



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

3000K - CRI 80

On board dimmer included

- 09.4440.30A
- 09.4440.14A
- Non Dimmable
- 09.4480.30A
- 09.4480.14A

Dali Version

- 09.4440.30ADA
- 09.4440.14ADA

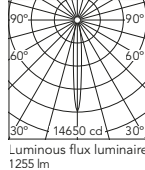
3000K - CRI 90

On board dimmer included

- 09.4443.30A
- 09.4443.14A
- Non Dimmable
- 09.4486.30A
- 09.4486.14A

Dali Version

- 09.4443.30ADA
- 09.4443.14ADA



h(m)	E(lx)	D(m)
1	14650 0.18	
2	3662 0.36	
3	1628 0.54	
4	916 0.72	
5	586 0.90	

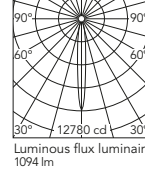
4000K - CRI 90

On board dimmer included

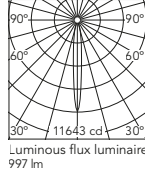
- 09.4450.30A
- 09.4450.14A
- Non Dimmable
- 09.4481.30A
- 09.4481.14A

Dali Version

- 09.4450.30ADA
- 09.4450.14ADA



h(m)	E(lx)	D(m)
1	12780 0.18	
2	3195 0.36	
3	1420 0.54	
4	799 0.72	
5	511 0.90	



h(m)	E(lx)	D(m)
1	11643 0.18	
2	2911 0.36	
3	1294 0.54	
4	728 0.72	
5	466 0.90	

3000K - CRI 80

On board dimmer included

- 09.4441.30A
- 09.4441.14A
- Non Dimmable
- 09.4482.30A
- 09.4482.14A

Dali Version

- 09.4441.30ADA
- 09.4441.14ADA

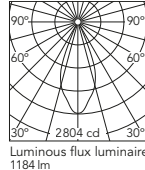
3000K - CRI 90

On board dimmer included

- 09.4444.30A
- 09.4444.14A
- Non Dimmable
- 09.4487.30A
- 09.4487.14A

Dali Version

- 09.4444.30ADA
- 09.4444.14ADA



h(m)	E(lx)	D(m)
1	2804 0.76	
2	701 1.52	
3	312 2.28	
4	175 3.05	
5	112 3.81	

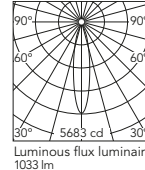
4000K - CRI 90

On board dimmer included

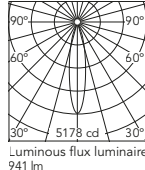
- 09.4451.30A
- 09.4451.14A
- Non Dimmable
- 09.4483.30A
- 09.4483.14A

Dali Version

- 09.4451.30ADA
- 09.4451.14ADA



h(m)	E(lx)	D(m)
1	5683 0.37	
2	1421 0.73	
3	631 1.10	
4	355 1.47	
5	227 1.83	



h(m)	E(lx)	D(m)
1	5178 0.37	
2	1294 0.73	
3	575 1.10	
4	324 1.47	
5	207 1.83	

3000K - CRI 80

On board dimmer included

- 09.4442.30A
- 09.4442.14A
- Non Dimmable
- 09.4484.30A
- 09.4484.14A

Dali Version

- 09.4442.30ADA
- 09.4442.14ADA

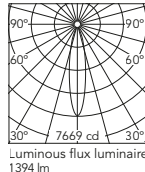
3000K - CRI 90

On board dimmer included

- 09.4445.30A
- 09.4445.14A
- Non Dimmable
- 09.4488.30A
- 09.4488.14A

Dali Version

- 09.4445.30ADA
- 09.4445.14ADA



h(m)	E(lx)	D(m)
1	7669 0.37	
2	1917 0.73	
3	852 1.10	
4	479 1.47	
5	307 1.83	

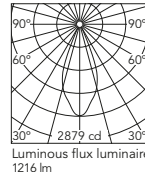
4000K - CRI 90

On board dimmer included

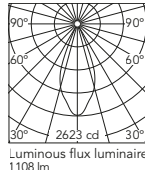
- 09.4452.30A
- 09.4452.14A
- Non Dimmable
- 09.4485.30A
- 09.4485.14A

Dali Version

- 09.4452.30ADA
- 09.4452.14ADA



h(m)	E(lx)	D(m)
1	2879 0.76	
2	720 1.52	
3	320 2.28	
4	180 3.05	
5	115 3.81	

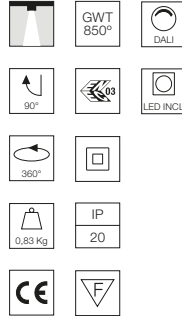
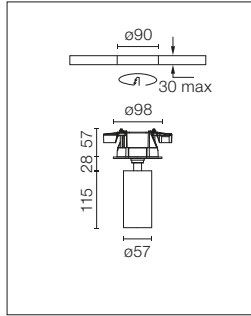


h(m)	E(lx)	D(m)
1	2623 0.76	
2	656 1.52	
3	291 2.28	
4	164 3.05	
5	105 3.81	

UT SPOT

Ut Spot Ceiling Ø57

Light Source: LED Array 21,5W - 2500 lm - 3000K/CRI 80 / 21,5W - 2080 lm - 3000K/CRI 90 / 21,5W - 2150 lm - 4000K/CRI 90



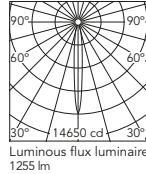
Appareil d'éclairage pour plafond à LED. Alimentation à distance 220-240V, 50-60Hz inclus.

Spotlight to be installed on ceiling with LED light source. 220-240V, 50-60Hz remote power supply included.

3000K - CRI 80

Non Dimmable

- 09.4460.30A
- 09.4460.14A
- Dali Version
- 09.4460.30ADA
- 09.4460.14ADA



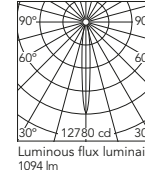
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	14650	0.18
2	3662	0.36
3	1628	0.54
4	916	0.72
5	586	0.90

4000K - CRI 90

Non Dimmable

- 09.4470.30A
- 09.4470.14A
- Dali Version
- 09.4470.30ADA
- 09.4470.14ADA



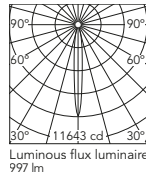
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	12780	0.18
2	3195	0.36
3	1420	0.54
4	799	0.72
5	511	0.90

3000K - CRI 90

Non Dimmable

- 09.4463.30A
- 09.4463.14A
- Dali Version
- 09.4463.30ADA
- 09.4463.14ADA



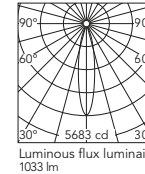
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	11643	0.18
2	2911	0.36
3	1294	0.54
4	728	0.72
5	466	0.90

4000K - CRI 90

Non Dimmable

- 09.4471.30A
- 09.4471.14A
- Dali Version
- 09.4471.30ADA
- 09.4471.14ADA



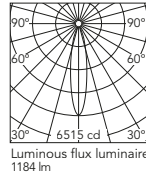
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5683	0.37
2	1421	0.73
3	631	1.10
4	355	1.47
5	227	1.83

3000K - CRI 80

Non Dimmable

- 09.4461.30A
- 09.4461.14A
- Dali Version
- 09.4461.30ADA
- 09.4461.14ADA



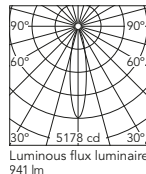
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	6515	0.37
2	1629	0.73
3	724	1.10
4	407	1.47
5	261	1.83

3000K - CRI 90

Non Dimmable

- 09.4464.30A
- 09.4464.14A
- Dali Version
- 09.4464.30ADA
- 09.4464.14ADA



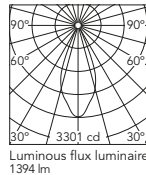
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5178	0.37
2	1294	0.73
3	575	1.10
4	324	1.47
5	207	1.83

3000K - CRI 80

Non Dimmable

- 09.4462.30A
- 09.4462.14A
- Dali Version
- 09.4462.30ADA
- 09.4462.14ADA



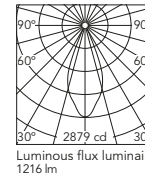
Beam Angle: 42°

h(m)	E(lx)	D(m)
1	3301	0.76
2	825	1.52
3	367	2.28
4	206	3.05
5	132	3.81

4000K - CRI 90

Non Dimmable

- 09.4472.30A
- 09.4472.14A
- Dali Version
- 09.4472.30ADA
- 09.4472.14ADA



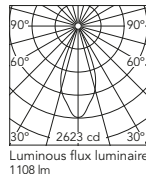
Beam Angle: 42°

h(m)	E(lx)	D(m)
1	2879	0.76
2	720	1.52
3	320	2.28
4	180	3.05
5	115	3.81

3000K - CRI 90

Non Dimmable

- 09.4465.30A
- 09.4465.14A
- Dali Version
- 09.4465.30ADA
- 09.4465.14ADA



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	2623	0.76
2	656	1.52
3	291	2.28
4	164	3.05
5	105	3.81

UT SPOT

3000K - CRI 80

Non Dimmable

09.7754.30A
 09.7754.14A

All White

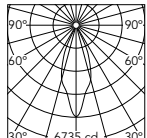
09.7754.30A78

Dali Version

09.7754.30ADA
 09.7754.14ADA

All White

09.7754.30AYU



Luminous flux luminaire
2408 lm

Beam Angle: 37°

h(m) E(lx) D(m)

1 6735 0.67

2 1684 1.34

3 748 2.01

4 421 2.69

5 269 3.36

4000K - CRI 90

Non Dimmable

09.7755.30A
 09.7755.14A

All White

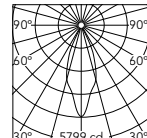
09.7755.30A78

Dali Version

09.7755.30ADA
 09.7755.14ADA

All White

09.7755.30AYU



Luminous flux luminaire
2074 lm

Beam Angle: 37°

h(m) E(lx) D(m)

1 5799 0.67

2 1450 1.34

3 644 2.01

4 362 2.69

5 232 3.36

3000K - CRI 90

Non Dimmable

09.7758.30A
 09.7758.14A

All White

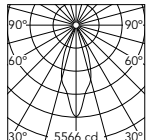
09.7758.30A78

Dali Version

09.7758.30ADA
 09.7758.14ADA

All White

09.7758.30AYU



Luminous flux luminaire
1991 lm

Beam Angle: 37°

h(m) E(lx) D(m)

1 5566 0.67

2 1392 1.34

3 618 2.01

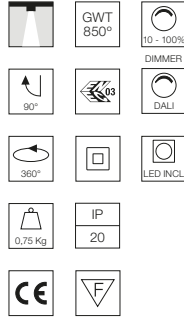
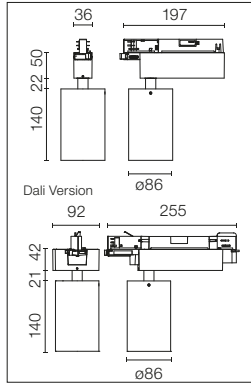
4 348 2.69

5 223 3.36

UT SPOT

Ut Spot Track Ø86

Light Source: LED Array High Performances 32,8W - 3770 lm - 3000K/CRI 80 / 32,8W - 3116 lm - 3000K/CRI 90 / 32,8W - 3246 lm - 4000K/CRI 90



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

3000K - CRI 80

On board dimmer included

- ☐ 09.4840.30A
- 09.4840.14A

Non Dimmable

- ☐ 09.4880.30A
- 09.4880.14A

Dali Version

- ☐ 09.4840.30ADA
- 09.4840.14ADA

3000K - CRI 90

On board dimmer included

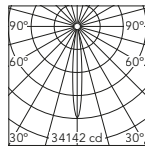
- ☐ 09.4843.30A
- 09.4843.14A

Non Dimmable

- ☐ 09.4886.30A
- 09.4886.14A

Dali Version

- ☐ 09.4843.30ADA
- 09.4843.14ADA



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	34142	0.21
2	8535	0.41
3	3794	0.62
4	2134	0.82
5	1366	1.03

4000K - CRI 90

On board dimmer included

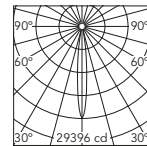
- ☐ 09.4850.30A
- 09.4850.14A

Non Dimmable

- ☐ 09.4881.30A
- 09.4881.14A

Dali Version

- ☐ 09.4850.30ADA
- 09.4850.14ADA



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	29396	0.21
2	7349	0.41
3	3266	0.62
4	1837	0.82
5	1176	1.03

3000K - CRI 80

On board dimmer included

- ☐ 09.4841.30A
- 09.4841.14A

Non Dimmable

- ☐ 09.4882.30A
- 09.4882.14A

Dali Version

- ☐ 09.4841.30ADA
- 09.4841.14ADA

3000K - CRI 90

On board dimmer included

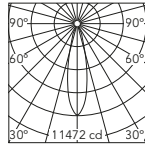
- ☐ 09.4844.30A
- 09.4844.14A

Non Dimmable

- ☐ 09.4887.30A
- 09.4887.14A

Dali Version

- ☐ 09.4844.30ADA
- 09.4844.14ADA



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	11472	0.43
2	2868	0.86
3	1275	1.28
4	717	1.71
5	459	2.14

4000K - CRI 90

On board dimmer included

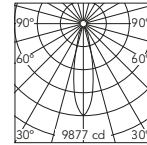
- ☐ 09.4851.30A
- 09.4851.14A

Non Dimmable

- ☐ 09.4883.30A
- 09.4883.14A

Dali Version

- ☐ 09.4851.30ADA
- 09.4851.14ADA



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	9877	0.43
2	2469	0.86
3	1097	1.28
4	617	1.71
5	395	2.14

3000K - CRI 80

On board dimmer included

- ☐ 09.4842.30A
- 09.4842.14A

Non Dimmable

- ☐ 09.4884.30A
- 09.4884.14A

Dali Version

- ☐ 09.4842.30ADA
- 09.4842.14ADA

3000K - CRI 90

On board dimmer included

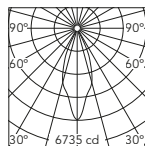
- ☐ 09.4845.30A
- 09.4845.14A

Non Dimmable

- ☐ 09.4888.30A
- 09.4888.14A

Dali Version

- ☐ 09.4845.30ADA
- 09.4845.14ADA



Beam Angle: 37°

h(m)	E(lx)	D(m)
1	6735	0.67
2	1684	1.34
3	748	2.01
4	421	2.69
5	269	3.36

4000K - CRI 90

On board dimmer included

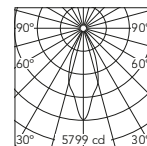
- ☐ 09.4852.30A
- 09.4852.14A

Non Dimmable

- ☐ 09.4885.30A
- 09.4885.14A

Dali Version

- ☐ 09.4852.30ADA
- 09.4852.14ADA



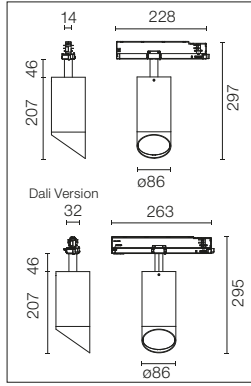
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	5799	0.67
2	1450	1.34
3	644	2.01
4	362	2.69
5	232	3.36

UT SPOT

Ut Spot Track Wall-Washer Ø86

Light Source: LED Array High Performances 35,5W - 3770 lm - 3000K/CRI 80 / 35,5W - 3116 lm - 3000K/CRI 90 / 35,5W - 3246 lm - 4000K/CRI 90



CE ENEC
 90° GWGT 850° DALI
 360° LED INCL
 1,55 Kg IP 20

Finishes Available

.30 .14 All White

Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

Dans les versions .30, l'adaptateur au rail, le bras et la partie arrière de la tête sont noirs. Dans les versions « all white », l'adaptateur au rail, le bras, la partie arrière de la tête et la tête sont blancs. Seul l'anneau anti-éblouissement reste de couleur noire.

.30 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

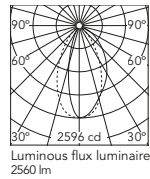
3000K - CRI 80

Non Dimmable

- 09.7770.30A
- 09.7770.14A
- All White
- 09.7770.30A78

Dali Version

- 09.7770.30ADA
- 09.7770.14ADA
- Dali Version All White
- 09.7770.30AYU



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2596	0.98
2	649	1.97
3	288	2.95
4	162	3.94
5	104	4.92

Luminous flux luminaire 2560 lm

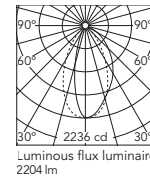
4000K - CRI 90

Non Dimmable

- 09.7772.30A
- 09.7772.14A
- All White
- 09.7772.30A78

Dali Version

- 09.7772.30ADA
- 09.7772.14ADA
- Dali Version All White
- 09.7772.30AYU



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2236	0.98
2	559	1.97
3	248	2.95
4	140	3.94
5	89	4.92

Luminous flux luminaire 2236 lm

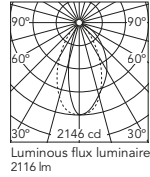
3000K - CRI 90

Non Dimmable

- 09.7771.30A
- 09.7771.14A
- All White
- 09.7771.30A78

Dali Version

- 09.7771.30ADA
- 09.7771.14ADA
- Dali Version All White
- 09.7771.30AYU



Beam Angle: 50°

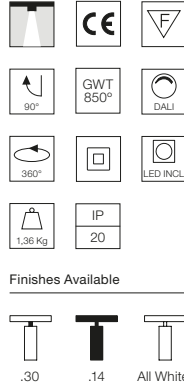
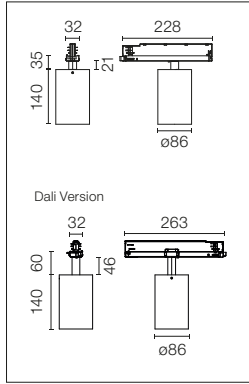
h(m)	E(lx)	D(m)
1	2146	0.98
2	537	1.97
3	238	2.95
4	134	3.94
5	86	4.92

Luminous flux luminaire 2146 lm

UT SPOT

Ut Spot Track Ø86

Light Source: Phosphor LED 35,5W - 3000 lm - 3000K/CRI 98 / 35,5W - 3000 lm - 4000K/CRI 80



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

Dans les versions .30, l'adaptateur au rail, le bras et la partie arrière de la tête sont noirs. Dans les versions « all white », l'adaptateur au rail, le bras, la partie arrière de la tête et la tête sont blancs. Seul l'anneau anti-éblouissement reste de couleur noire.

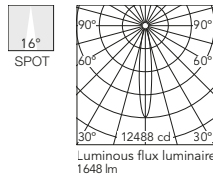
.30 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

3000K - CRI 98 Non Dimmable

- 09.7733.30
- 09.7733.14
- All White
- 09.7733.30.78

Dali Version

- 09.7733.30.DA
- 09.7733.14.DA
- All White
- 09.7733.30.YU



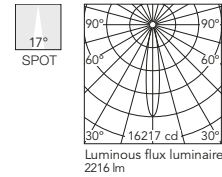
h(m)	E(lx)	D(m)
1	12488	0.28
2	3122	0.55
3	1388	0.83
4	781	1.10
5	500	1.38

4000K - CRI 80 Non Dimmable

- 09.7730.30
- 09.7730.14
- All White
- 09.7730.30.78

Dali Version

- 09.7730.30.DA
- 09.7730.14.DA
- All White
- 09.7730.30.YU



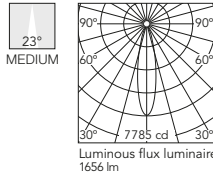
h(m)	E(lx)	D(m)
1	16217	0.29
2	4054	0.58
3	1802	0.88
4	1014	1.17
5	649	1.46

3000K - CRI 98 Non Dimmable

- 09.7734.30
- 09.7734.14
- All White
- 09.7734.78

Dali Version

- 09.7734.30.DA
- 09.7734.14.DA
- All White
- 09.7734.YU



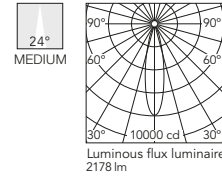
h(m)	E(lx)	D(m)
1	7785	0.41
2	1946	0.82
3	865	1.23
4	487	1.64
5	311	2.05

4000K - CRI 80 Non Dimmable

- 09.7731.30
- 09.7731.14
- All White
- 09.7731.30.78

Dali Version

- 09.7731.30.DA
- 09.7731.14.DA
- All White
- 09.7731.30.YU



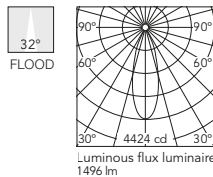
h(m)	E(lx)	D(m)
1	10000	0.42
2	2500	0.84
3	1111	1.25
4	625	1.67
5	400	2.09

3000K - CRI 98 Non Dimmable

- 09.7735.30
- 09.7735.14
- All White
- 09.7735.30.78

Dali Version

- 09.7735.30.DA
- 09.7735.14.DA
- All White
- 09.7735.30.YU



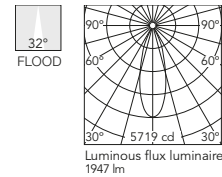
h(m)	E(lx)	D(m)
1	4424	0.57
2	1106	1.15
3	492	1.72
4	276	2.29
5	177	2.87

4000K - CRI 80 Non Dimmable

- 09.7732.30
- 09.7732.14
- All White
- 09.7732.30.78

Dali Version

- 09.7732.30.DA
- 09.7732.14.DA
- All White
- 09.7732.30.YU

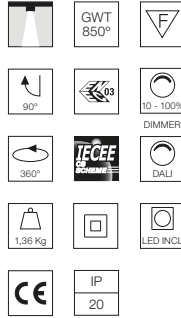
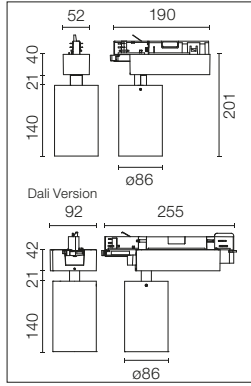


h(m)	E(lx)	D(m)
1	5719	0.58
2	1430	1.15
3	635	1.73
4	357	2.31
5	229	2.89

UT SPOT

Ut Spot Track Ø86

Light Source: Phosphor LED 33W - 2650 lm - 3000K/CRI 98 / 29,3W - 3000 lm - 4000K/CRI 80



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

3000K - CRI 98

On board dimmer included

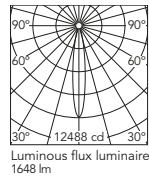
- 09.4243.30
- 09.4243.14

Non Dimmable

- 09.4286.30
- 09.4286.14

Dali Version

- 09.4243.30.DA
- 09.4243.14.DA



Beam Angle: 16°

h(m)	Ef(k)	D(m)
1	12488	0.28
2	3122	0.55
3	1388	0.83
4	781	1.10
5	500	1.38

4000K - CRI 80

On board dimmer included

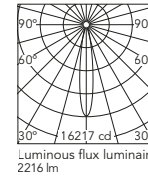
- 09.4250.30
- 09.4250.14

Non Dimmable

- 09.4281.30
- 09.4281.14

Dali Version

- 09.4250.30.DA
- 09.4250.14.DA



Beam Angle: 17°

h(m)	Ef(k)	D(m)
1	16217	0.29
2	4054	0.58
3	1802	0.88
4	1014	1.17
5	649	1.46

3000K - CRI 98

On board dimmer included

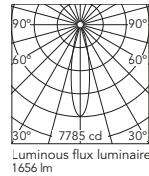
- 09.4244.30
- 09.4244.14

Non Dimmable

- 09.4287.30
- 09.4287.14

Dali Version

- 09.4244.30.DA
- 09.4244.14.DA



Beam Angle: 23°

h(m)	Ef(k)	D(m)
1	7785	0.41
2	1946	0.82
3	865	1.23
4	487	1.64
5	311	2.05

4000K - CRI 80

On board dimmer included

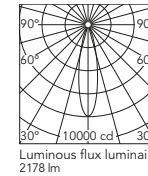
- 09.4251.30
- 09.4251.14

Non Dimmable

- 09.4283.30
- 09.4283.14

Dali Version

- 09.4251.30.DA
- 09.4251.14.DA



Beam Angle: 24°

h(m)	Ef(k)	D(m)
1	10000	0.42
2	2500	0.84
3	1111	1.25
4	625	1.67
5	400	2.09

3000K - CRI 98

On board dimmer included

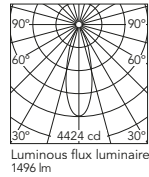
- 09.4245.30
- 09.4245.14

Non Dimmable

- 09.4288.30
- 09.4288.14

Dali Version

- 09.4245.30.DA
- 09.4245.14.DA



Beam Angle: 32°

h(m)	Ef(k)	D(m)
1	4424	0.57
2	1106	1.15
3	492	1.72
4	276	2.29
5	177	2.87

4000K - CRI 80

On board dimmer included

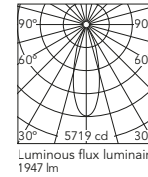
- 09.4252.30
- 09.4252.14

Non Dimmable

- 09.4285.30
- 09.4285.14

Dali Version

- 09.4252.30.DA
- 09.4252.14.DA



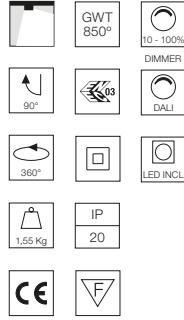
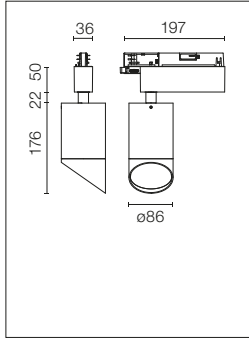
Beam Angle: 32°

h(m)	Ef(k)	D(m)
1	5719	0.58
2	1430	1.15
3	635	1.73
4	357	2.31
5	229	2.89

UT SPOT

Ut Spot Track Wall-Washer Ø86

Light Source: LED Array High Performances 32,8W - 3770 lm - 3000K/CRI 80 / 32,8W - 3116 lm - 3000K/CRI 90 / 32,8W - 3246 lm - 4000K/CRI 90



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

3000K - CRI 80

On board dimmer included

09.4950.30A

09.4950.14A

Non Dimmable

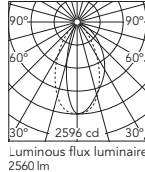
09.4951.30A

09.4951.14A

Dali Version

09.4950.30ADA

09.4950.14ADA



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2596	0.98
2	649	1.97
3	288	2.95
4	162	3.94
5	104	4.92

4000K - CRI 90

On board dimmer included

09.4956.30A

09.4956.14A

Non Dimmable

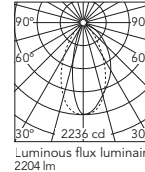
09.4957.30A

09.4957.14A

Dali Version

09.4956.30ADA

09.4956.14ADA



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2236	0.98
2	559	1.97
3	248	2.95
4	140	3.94
5	89	4.92

3000K - CRI 90

On board dimmer included

09.4953.30A

09.4953.14A

Non Dimmable

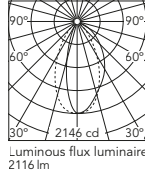
09.4954.30A

09.4954.14A

Dali Version

09.4953.30ADA

09.4953.14ADA

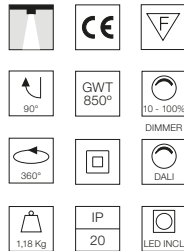
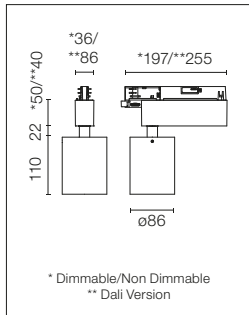


Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2146	0.98
2	537	1.97
3	238	2.95
4	134	3.94
5	86	4.92

Ut Spot Track Multichip Ø86

Light Source: Top LED 11,5W - 750 lm - 3000K/CRI 90 / 11,5W - 900 lm - 3000K/CRI 80 / 11,5W - 930 lm - 4000K/CRI 80



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

Les accessoires ne sont pas compatibles avec cette version.

The accessories are not compatible with this version.

3000K - CRI 80

On board dimmer included

09.4980.30

09.4980.14

Non Dimmable

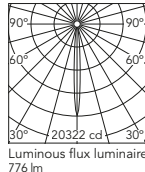
09.4983.30

09.4983.14

Dali Version

09.4980.30.DA

09.4980.14.DA



Beam Angle: 8°

h(m)	E(lx)	D(m)
1	20322	0.14
2	5081	0.27
3	2258	0.41
4	1270	0.54
5	813	0.68

4000K - CRI 80

On board dimmer included

09.4982.30

09.4982.14

Non Dimmable

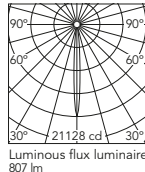
09.4985.30

09.4985.14

Dali Version

09.4982.30.DA

09.4982.14.DA



Beam Angle: 8°

h(m)	E(lx)	D(m)
1	21128	0.14
2	5282	0.27
3	2348	0.41
4	1321	0.54
5	845	0.68

3000K - CRI 90

On board dimmer included

09.4981.30

09.4981.14

Non Dimmable

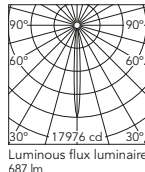
09.4984.30

09.4984.14

Dali Version

09.4981.30.DA

09.4981.14.DA



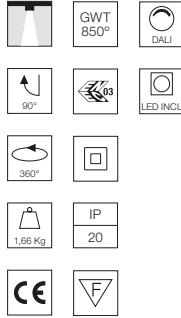
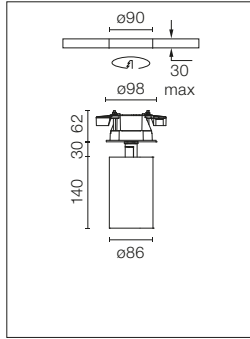
Beam Angle: 8°

h(m)	E(lx)	D(m)
1	17976	0.14
2	4494	0.27
3	1997	0.41
4	1124	0.54
5	719	0.68

UT SPOT

Ut Spot Ceiling Ø86

Light Source: LED Array High Performances 32,8W - 3770 lm - 3000K/CRI 80 / 32,8W - 3116 lm - 3000K/CRI 90 / 32,8W - 3246 lm - 4000K/CRI 90



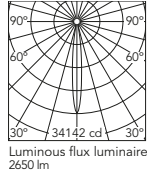
Appareil d'éclairage pour plafond à LED. Alimentation à distance 220-240V, 50-60Hz inclus.

Spotlight to be installed on ceiling with LED light source. 220-240V, 50-60Hz remote power supply included.

3000K - CRI 80

Non Dimmable

- 09.4860.30A
- 09.4860.14A
- Dali Version
- 09.4860.30ADA
- 09.4860.14ADA



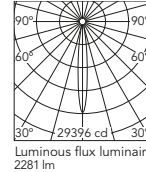
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	34142	0.21
2	8535	0.41
3	3794	0.62
4	2134	0.82
5	1366	1.03

4000K - CRI 90

Non Dimmable

- 09.4870.30A
- 09.4870.14A
- Dali Version
- 09.4870.30ADA
- 09.4870.14ADA



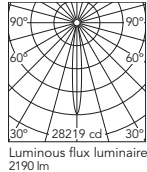
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	29396	0.21
2	7349	0.41
3	3266	0.62
4	1837	0.82
5	1176	1.03

3000K - CRI 90

Non Dimmable

- 09.4863.30A
- 09.4863.14A
- Dali Version
- 09.4863.30ADA
- 09.4863.14ADA



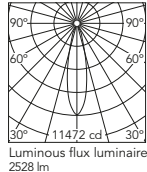
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	28219	0.21
2	7055	0.41
3	3135	0.62
4	1764	0.82
5	1129	1.03

3000K - CRI 80

Non Dimmable

- 09.4861.30A
- 09.4861.14A
- Dali Version
- 09.4861.30ADA
- 09.4861.14ADA



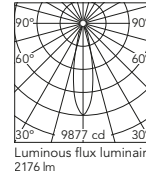
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	11472	0.43
2	2868	0.86
3	1275	1.28
4	717	1.71
5	459	2.14

4000K - CRI 90

Non Dimmable

- 09.4871.30A
- 09.4871.14A
- Dali Version
- 09.4871.30ADA
- 09.4871.14ADA



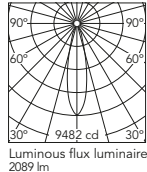
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	9877	0.43
2	2469	0.86
3	1097	1.28
4	617	1.71
5	395	2.14

3000K - CRI 90

Non Dimmable

- 09.4864.30A
- 09.4864.14A
- Dali Version
- 09.4864.30ADA
- 09.4864.14ADA



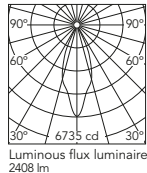
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	9482	0.43
2	2370	0.86
3	1054	1.28
4	593	1.71
5	379	2.14

3000K - CRI 80

Non Dimmable

- 09.4862.30A
- 09.4862.14A
- Dali Version
- 09.4862.30ADA
- 09.4862.14ADA



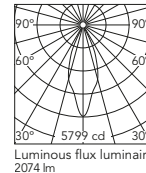
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	6735	0.67
2	1684	1.34
3	748	2.01
4	421	2.69
5	269	3.36

4000K - CRI 90

Non Dimmable

- 09.4872.30A
- 09.4872.14A
- Dali Version
- 09.4872.30ADA
- 09.4872.14ADA



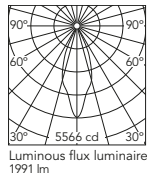
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	5799	0.67
2	1450	1.34
3	644	2.01
4	362	2.69
5	232	3.36

3000K - CRI 90

Non Dimmable

- 09.4865.30A
- 09.4865.14A
- Dali Version
- 09.4865.30ADA
- 09.4865.14ADA



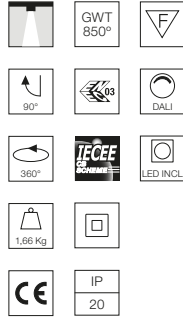
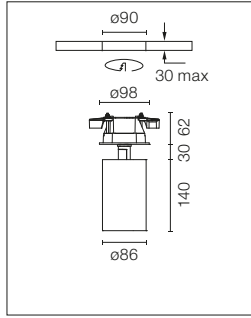
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	5566	0.67
2	1392	1.34
3	618	2.01
4	348	2.69
5	223	3.36

UT SPOT

Ut Spot Ceiling Ø86

Light Source: Phosphor LED 34,1W - 3000 lm - 3000K/CRI 98 / 29,3W - 3000 lm - 4000K/CRI 80



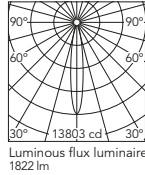
Appareil d'éclairage pour plafond à LED. Alimentation à distance 220-240V, 50-60Hz inclus.

Spotlight to be installed on ceiling with LED light source. 220-240V, 50-60Hz remote power supply included.

3000K - CRI 98

Non Dimmable

- ☐ 09.4263.30
- 09.4263.14
- ☐ Dali Version
- ☐ 09.4263.30.DA
- 09.4263.14.DA



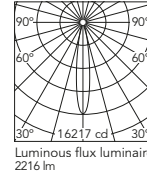
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	13803	0.28
2	3451	0.55
3	1534	0.83
4	863	1.10
5	552	1.38

4000K - CRI 80

Non Dimmable

- ☐ 09.4270.30
- 09.4270.14
- ☐ Dali Version
- ☐ 09.4270.30.DA
- 09.4270.14.DA



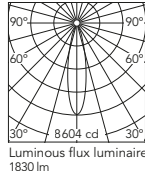
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	16217	0.29
2	4054	0.58
3	1802	0.88
4	1014	1.17
5	649	1.46

3000K - CRI 98

Non Dimmable

- ☐ 09.4264.30
- 09.4264.14
- ☐ Dali Version
- ☐ 09.4264.30.DA
- 09.4264.14.DA



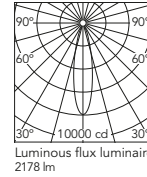
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	8604	0.41
2	2151	0.82
3	956	1.23
4	538	1.64
5	344	2.05

4000K - CRI 80

Non Dimmable

- ☐ 09.4271.30
- 09.4271.14
- ☐ Dali Version
- ☐ 09.4271.30.DA
- 09.4271.14.DA



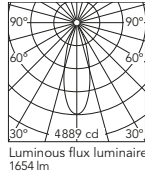
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	10000	0.42
2	2500	0.84
3	1111	1.25
4	625	1.67
5	400	2.09

3000K - CRI 98

Non Dimmable

- ☐ 09.4265.30
- 09.4265.14
- ☐ Dali Version
- ☐ 09.4265.30.DA
- 09.4265.14.DA



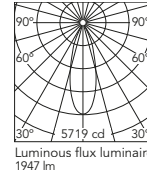
Beam Angle: 32°

h(m)	E(lx)	D(m)
1	4889	0.57
2	1222	1.15
3	543	1.72
4	306	2.29
5	196	2.87

4000K - CRI 80

Non Dimmable

- ☐ 09.4272.30
- 09.4272.14
- ☐ Dali Version
- ☐ 09.4272.30.DA
- 09.4272.14.DA



Beam Angle: 32°

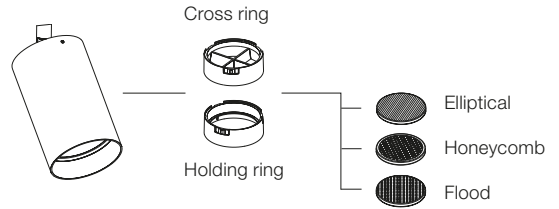
h(m)	E(lx)	D(m)
1	5719	0.58
2	1430	1.15
3	635	1.73
4	357	2.31
5	229	2.89

UT SPOT

Accessoires / Accessories

Croix anti-éblouissement, lentilles et honeycomb à installer directement sur la tête du luminaire sans aucun autre accessoire de fixation. Il est possible d'installer à la fois honeycomb + lentille.

Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire without needing any fastening accessory. Installation compatible with honeycomb + lense at the same time.



UT Spot Ø57

Croix anti-éblouissement
Screening crosspiece 08.8429.00



Lentille elliptique
Elliptical lens 08.8431.00



Lentille flood
Flood lens 08.8432.00



For Spot & Medium optics

Honeycomb
Honeycomb 08.8428.00



Cône anti-éblouissement
Snoot shielding cone 08.0526.00



UT Spot Ø86 (except Multichip version)

Anneau de fixation
Holding ring 08.8410.00



Croix anti-éblouissement
Screening crosspiece 08.8411.00



UT Spot Ø86 LED Array

Lentille elliptique.
Elliptical lens 08.8163.68



Lentille flood
Flood lens 08.8175.68



For Spot & Medium optics

Honeycomb
Honeycomb 08.8495.14



SOLID PURE

DESIGNED BY KNUD HOLSCHER

TRACK

CEILING



LIGHT SOURCE
LED ARRAY
23W
2747 lm
3000K/CRI 80
23W
2231 lm
3000K/CRI 90
23W
2865 lm
4000K/CRI 80

LIGHT SOURCE
LED ARRAY
30W
3516 lm
3000K/CRI 80
30W
2855 lm
3000K/CRI 90
30W
3667 lm
4000K/CRI 80

LIGHT SOURCE
LED ARRAY
35W
4321 lm
3000K/CRI 80
35W
3509 lm
3000K/CRI 90
35W
4508 lm
4000K/CRI 80

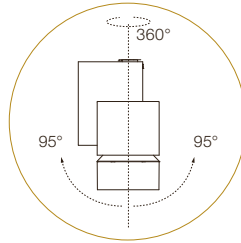
LIGHT SOURCE
LED ARRAY
53W
5310 lm
3000K/CRI 80
53W
4312 lm
3000K/CRI 90
53W
5539 lm
4000K/CRI 80

□ 30 Blanc
30 White

■ 14 Noir
14 Black



Peut être pivoté à 360° et orienté à 190°.
Can be rotated 360° and swivelled 190°.



reddot design award
winner 2013

Description

Luminaire d'intérieur à installer sur rail triphasé ou aux plafonds/murs, disponible en sources de lumière à technologie LED haute puissance et dans les versions DALI et non DALI.

Le corps optique du luminaire et le boîtier des équipements d'alimentation sont en aluminium injecté haute pression, avec des finitions en peinture à la poudre en blanc, gris ou noir. L'anneau de fixation des réflecteurs est en thermoplastique noir et abrite à l'intérieur un élément porte-accessoires pouvant recevoir des filtres chromatiques et des éléments anti-éblouissement type panneau nid d'abeille.

Le luminaire sur rail comprend un adaptateur pour rail triphasé.

Le bon fonctionnement du module LED est garanti par une conception innovante de son système de dissipation thermique, qui assure une constante recirculation du flux d'air à l'intérieur. C'est pour cette raison que sont utilisées des solutions à radiateurs passifs (versions 23/30/35W) et actifs (version 53W) en fonction du débit nécessaire à la recirculation de l'air.

Reflecteurs

Tous les optiques sont fabriqués en aluminium extra-pur d'une finition spectaculaire. Cercle symétrique rotatif. Le luminaire est disponible avec trois types de réflecteurs : spot, medium y flood.

Unité d'Alimentation

Source d'alimentation à courant constant non réglable ou réglable DALI 220/240V incluse.

Accessoires

- Honeycomb.
- Filtres chromatiques.

Informations Complémentaires

Possibilité de verrouiller l'orientation du faisceau de lumière, que ce soit à l'horizontale (rotation à 360° de l'axe verticalement) ou à la verticale (rotation à 190° de l'axe horizontalement).

Disponible en version DALI, sur rail ou au plafond.

Indice de protection IP20.

Classe d'isolation I.

Peut être installé sur des surfaces normalement inflammables.

Les appareils d'éclairage FLOS pour rail triphase standard sont conçus et testés pour les rails recommandés par FLOS. Leur compatibilité est garantie avec les rails triphasés fabriqués par Nordic Aluminium et Eutrac. Pour vérifier s'ils sont compatibles avec d'autres rails, veuillez contacter FLOS avant l'installation.

Les appareils d'éclairage FLOS pour rail triphase DALI sont conçus pour les rails Pulse DALI de Nordic Aluminium.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

A luminaire for indoor use to be mounted on three-phase track or on ceilings/walls, available in high power LED technology light sources and in DALI and non-DALI versions.

The optical housing of the luminaire, as well as the container of the power supply equipment, is manufactured in high-pressure injected aluminium, with white, grey or black finishes. The reflector fastening ring houses an accessory-holder element where chromatic filters and honeycomb type anti-glare elements can be housed.

The perfect operation of the LED module is guaranteed thanks to its heat dissipation system, which permits constant recirculation of the air on the inside. To this end, solutions with passive radiators (23/30/35W versions) and active radiators (53W version) are used depending on the required air recirculation flow.

Reflectors

All optics are made of superpure aluminium with specular finish. Symmetrical circular rotary system. Available in 3 optics: spot, medium y flood.

Power Supply

Not dimmable or dimmable Dali 220/240V, constant current, power supply included.

Accessories

- Honeycomb.
- Chromatic filters.

Additional Information

Block system to fix the lightbeam in horizontal (360° rotation on vertical edge) as well as vertical (190° on horizontal edge).

DALI version for track and surface mounting is available.

IP20 protection grade.

Insulation class I.

Suitable for installation on normally inflammable surfaces.

FLOS three-phase lighting track luminaires are designed and fully tested for tracks recommended by FLOS.

Compatibility is guaranteed with three-phase track produced by Nordic Aluminium and Eutrac. To verify compatibility with any other track, please contact FLOS before installation.

FLOS three-phase DALI track luminaires are designed for Pulse DALI from Nordic Aluminium.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Ceiling

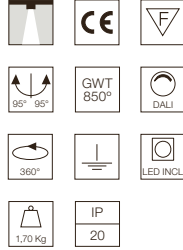
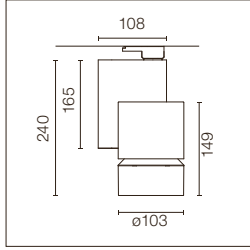


Track

SOLID PURE

Solid Pure Track

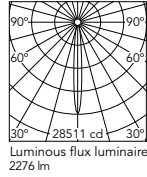
Light Source: LED Array 23W - 2747 lm - 3000K/CRI 80



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply included.

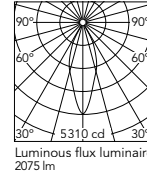
- Non Dimmable
- 09.2888.30
- 09.2888.14
- Dali Version
- 09.2888.30.DA
- 09.2888.14.DA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	28511	0.18
2	7128	0.35
3	3168	0.53
4	1782	0.71
5	1140	0.88

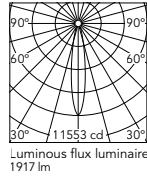
- Non Dimmable
- 09.2890.30
- 09.2890.14
- Dali Version
- 09.2890.30.DA
- 09.2890.14.DA



Beam Angle: 35°

h(m)	E(lx)	D(m)
1	5310	0.64
2	1327	1.27
3	590	1.91
4	332	2.54
5	212	3.18

- Non Dimmable
- 09.2889.30
- 09.2889.14
- Dali Version
- 09.2889.30.DA
- 09.2889.14.DA



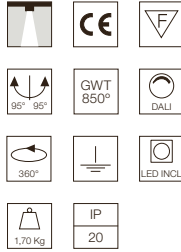
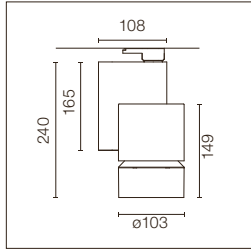
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	11553	0.31
2	2888	0.62
3	1284	0.93
4	722	1.24
5	462	1.55

SOLID PURE

Solid Pure Track

Light Source: LED Array 30W - 3516 lm - 3000K/CRI 80 / 35W - 4321 lm - 3000K/CRI 80 / 53W - 5310 lm - 3000K/CRI 80



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply included.

3000K - CRI 80

30W - 3516 lm

Non Dimmable

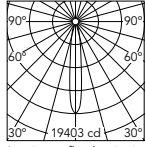
09.2870.30

09.2870.14

Dali Version

09.2870.30.DA

09.2870.14.DA



Luminous flux luminaire 2734 lm

Beam Angle: 14°

h(m) E(lx) D(m)

1 19403 0.25

2 4851 0.51

3 2156 0.76

4 1213 1.01

5 776 1.27

3000K - CRI 80

35W - 4321 lm

Non Dimmable

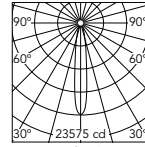
09.2953.30

09.2953.14

Dali Version

09.2953.30.DA

09.2953.14.DA



Luminous flux luminaire 3474 lm

Beam Angle: 15°

h(m) E(lx) D(m)

1 23575 0.26

2 5894 0.53

3 2619 0.79

4 1473 1.05

5 943 1.31

53W - 5310 lm

Non Dimmable

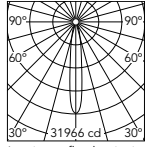
09.2965.30

09.2965.14

Dali Version

09.2965.30.DA

09.2965.14.DA



Luminous flux luminaire 4696 lm

Beam Angle: 15°

h(m) E(lx) D(m)

1 31966 0.26

2 7992 0.52

3 3552 0.78

4 1998 1.05

5 1279 1.31

3000K - CRI 80

30W - 3516 lm

Non Dimmable

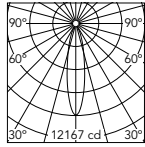
09.2871.30

09.2871.14

Dali Version

09.2871.30.DA

09.2871.14.DA



Luminous flux luminaire 2799 lm

Beam Angle: 22°

h(m) E(lx) D(m)

1 12167 0.39

2 3042 0.79

3 1352 1.18

4 760 1.57

5 487 1.97

3000K - CRI 80

35W - 4321 lm

Non Dimmable

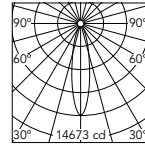
09.2954.30

09.2954.14

Dali Version

09.2954.30.DA

09.2954.14.DA



Luminous flux luminaire 3443 lm

Beam Angle: 23°

h(m) E(lx) D(m)

1 14673 0.40

2 3668 0.80

3 1630 1.20

4 917 1.59

5 587 1.99

53W - 5310 lm

Non Dimmable

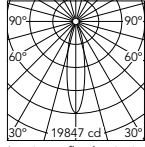
09.2966.30

09.2966.14

Dali Version

09.2966.30.DA

09.2966.14.DA



Luminous flux luminaire 4655 lm

Beam Angle: 23°

h(m) E(lx) D(m)

1 19847 0.40

2 4962 0.80

3 2205 1.20

4 1240 1.59

5 794 1.99

3000K - CRI 80

30W - 3516 lm

Non Dimmable

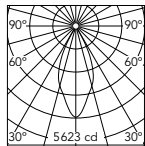
09.2872.30

09.2872.14

Dali Version

09.2872.30.DA

09.2872.14.DA



Luminous flux luminaire 2662 lm

Beam Angle: 44°

h(m) E(lx) D(m)

1 5623 0.80

2 1406 1.61

3 625 2.41

4 351 3.22

5 225 4.02

3000K - CRI 80

35W - 4321 lm

Non Dimmable

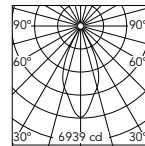
09.2955.30

09.2955.14

Dali Version

09.2955.30.DA

09.2955.14.DA



Luminous flux luminaire 3409 lm

Beam Angle: 45°

h(m) E(lx) D(m)

1 6939 0.83

2 1735 1.65

3 771 2.48

4 434 3.31

5 278 4.13

53W - 5310 lm

Non Dimmable

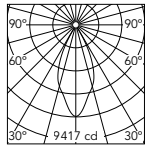
09.2967.30

09.2967.14

Dali Version

09.2967.30.DA

09.2967.14.DA



Luminous flux luminaire 4609 lm

Beam Angle: 45°

h(m) E(lx) D(m)

1 9417 0.82

2 2354 1.65

3 1046 2.47

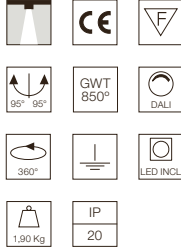
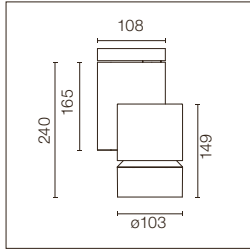
4 589 3.30

5 377 4.12

SOLID PURE

Solid Pure Ceiling

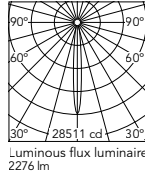
Light Source: LED Array 23W - 2747 lm - 3000K/CRI 80



Appareil d'éclairage pour plafond/mur à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on ceiling/wall with LED light source. 220-240V, 50-60Hz power supply included.

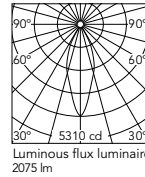
- Non Dimmable
- 09.2894.30
- 09.2894.14
- Dali Version
- 09.2894.30.DA
- 09.2894.14.DA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	28511	0.18
2	7128	0.35
3	3168	0.53
4	1782	0.71
5	1140	0.88

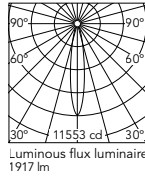
- Non Dimmable
- 09.2896.30
- 09.2896.14
- Dali Version
- 09.2896.30.DA
- 09.2896.14.DA



Beam Angle: 35°

h(m)	E(lx)	D(m)
1	5310	0.64
2	1327	1.27
3	590	1.91
4	332	2.54
5	212	3.18

- Non Dimmable
- 09.2895.30
- 09.2895.14
- Dali Version
- 09.2895.30.DA
- 09.2895.14.DA



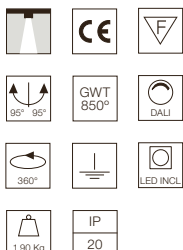
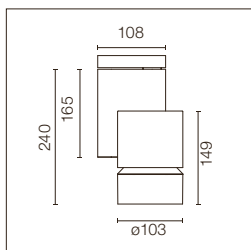
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	11553	0.31
2	2888	0.62
3	1284	0.93
4	722	1.24
5	462	1.55

SOLID PURE

Solid Pure Ceiling

Light Source: LED Array 30W - 3516 lm - 3000K/CRI 80 / 35W - 4321 lm - 3000K/CRI 80 / 53W - 5310 lm - 3000K/CRI 80



Appareil d'éclairage pour plafond/ mur à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on ceiling/ wall with LED light source. 220-240V, 50-60Hz power supply included.

3000K - CRI 80

30W - 3516 lm

Non Dimmable

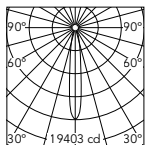
09.2876.30

09.2876.14

Dali Version

09.2876.30.DA

09.2876.14.DA



Luminous flux luminaire 2734 lm

Beam Angle: 14°

h(m) E(lx) D(m)

1 19403 0.25

2 4851 0.51

3 2156 0.76

4 1213 1.01

5 776 1.27

3000K - CRI 80

35W - 4321 lm

Non Dimmable

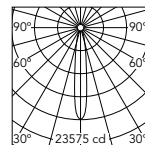
09.2956.30

09.2956.14

Dali Version

09.2956.30.DA

09.2956.14.DA



Luminous flux luminaire 3474 lm

Beam Angle: 15°

h(m) E(lx) D(m)

1 23575 0.26

2 5894 0.53

3 2619 0.79

4 1473 1.05

5 943 1.31

53W - 5310 lm

Non Dimmable

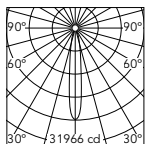
09.2968.30

09.2968.14

Dali Version

09.2968.30.DA

09.2968.14.DA



Luminous flux luminaire 4696 lm

Beam Angle: 15°

h(m) E(lx) D(m)

1 31966 0.26

2 7992 0.52

3 3552 0.78

4 1998 1.05

5 1279 1.31

3000K - CRI 80

30W - 3516 lm

Non Dimmable

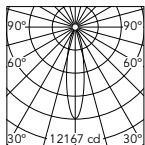
09.2877.30

09.2877.14

Dali Version

09.2877.30.DA

09.2877.14.DA



Luminous flux luminaire 2799 lm

Beam Angle: 22°

h(m) E(lx) D(m)

1 12167 0.39

2 3042 0.79

3 1352 1.18

4 760 1.57

5 487 1.97

3000K - CRI 80

35W - 4321 lm

Non Dimmable

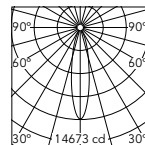
09.2957.30

09.2957.14

Dali Version

09.2957.30.DA

09.2957.14.DA



Luminous flux luminaire 3443 lm

Beam Angle: 23°

h(m) E(lx) D(m)

1 14673 0.40

2 3668 0.80

3 1630 1.20

4 917 1.59

5 587 1.99

53W - 5310 lm

Non Dimmable

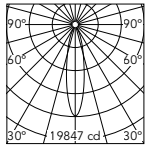
09.2969.30

09.2969.14

Dali Version

09.2969.30.DA

09.2969.14.DA



Luminous flux luminaire 4655 lm

Beam Angle: 23°

h(m) E(lx) D(m)

1 19847 0.40

2 4962 0.80

3 2205 1.20

4 1240 1.59

5 794 1.99

3000K - CRI 80

30W - 3516 lm

Non Dimmable

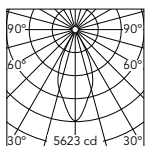
09.2878.30

09.2878.14

Dali Version

09.2878.30.DA

09.2878.14.DA



Luminous flux luminaire 2662 lm

Beam Angle: 44°

h(m) E(lx) D(m)

1 5623 0.80

2 1406 1.61

3 625 2.41

4 351 3.22

5 225 4.02

3000K - CRI 80

35W - 4321 lm

Non Dimmable

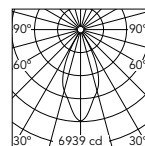
09.2958.30

09.2958.14

Dali Version

09.2958.30.DA

09.2958.14.DA



Luminous flux luminaire 3409 lm

Beam Angle: 45°

h(m) E(lx) D(m)

1 6939 0.83

2 1735 1.65

3 771 2.48

4 434 3.31

5 278 4.13

53W - 5310 lm

Non Dimmable

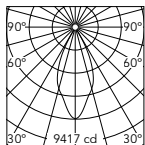
09.2970.30

09.2970.14

Dali Version

09.2970.30.DA

09.2970.14.DA



Luminous flux luminaire 4609 lm

Beam Angle: 45°

h(m) E(lx) D(m)

1 9417 0.82

2 2354 1.65

3 1046 2.47

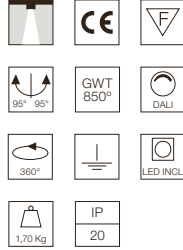
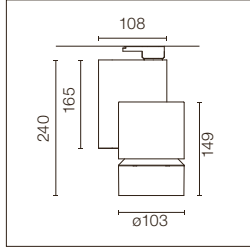
4 589 3.30

5 377 4.12

SOLID PURE

Solid Pure Track

Light Source: LED Array 23W - 2231 lm - 3000K/CRI 90



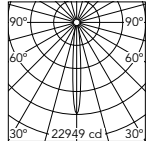
Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply included.

- Non Dimmable
 09.2885.30
 09.2885.14
 Dali Version
 09.2885.30.DA
 09.2885.14.DA



SPOT



Luminous flux luminaire
1832 lm

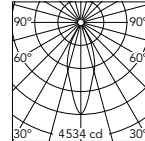
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	22949	0.18
2	5737	0.35
3	2550	0.53
4	1434	0.71
5	918	0.88

- Non Dimmable
 09.2887.30
 09.2887.14
 Dali Version
 09.2887.30.DA
 09.2887.14.DA



FLOOD



Luminous flux luminaire
1772 lm

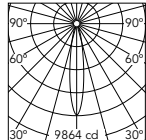
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	4534	0.64
2	1133	1.27
3	504	1.91
4	283	2.54
5	181	3.18

- Non Dimmable
 09.2886.30
 09.2886.14
 Dali Version
 09.2886.30.DA
 09.2886.14.DA



MEDIUM



Luminous flux luminaire
1637 lm

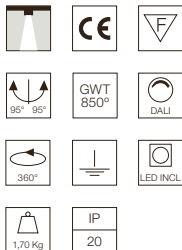
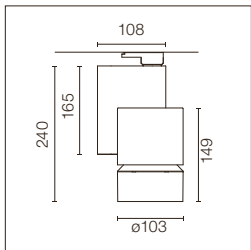
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	9864	0.31
2	2466	0.62
3	1096	0.93
4	616	1.24
5	395	1.55

SOLID PURE

Solid Pure Track

Light Source: LED Array 30W - 2855 lm - 3000K/CRI 90 / 35W - 3509 lm - 3000K/CRI 90 / 53W - 4312 lm - 3000K/CRI 90



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply included.

3000K - CRI 90

30W - 2855 lm

Non Dimmable

09.2997.30

09.2997.14

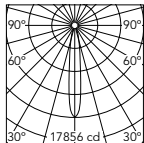
Dali Version

09.2997.30.DA

09.2997.14.DA



14° SPOT



Luminous flux luminaire 2516 lm

Beam Angle: 14°

h(m) E(lx) D(m)

1 17856 0.25

2 4464 0.51

3 1984 0.76

4 1116 1.01

5 714 1.27

3000K - CRI 90

35W - 3509 lm

Non Dimmable

09.2991.30

09.2991.14

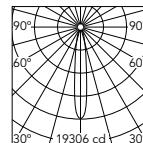
Dali Version

09.2991.30.DA

09.2991.14.DA



15° SPOT



Luminous flux luminaire 2845 lm

Beam Angle: 15°

h(m) E(lx) D(m)

1 19306 0.26

2 4827 0.53

3 2145 0.79

4 1207 1.05

5 772 1.31

53W - 4312 lm

Non Dimmable

09.2977.30

09.2977.14

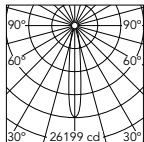
Dali Version

09.2977.30.DA

09.2977.14.DA



15° SPOT



Luminous flux luminaire 3848 lm

Beam Angle: 15°

h(m) E(lx) D(m)

1 26199 0.26

2 6550 0.52

3 2911 0.78

4 1637 1.05

5 1048 1.31

3000K - CRI 90

30W - 2855 lm

Non Dimmable

09.2998.30

09.2998.14

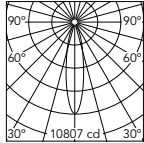
Dali Version

09.2998.30.DA

09.2998.14.DA



22° MEDIUM



Luminous flux luminaire 2486 lm

Beam Angle: 22°

h(m) E(lx) D(m)

1 10807 0.39

2 2702 0.79

3 1201 1.18

4 675 1.57

5 432 1.97

3000K - CRI 90

35W - 3509 lm

Non Dimmable

09.2992.30

09.2992.14

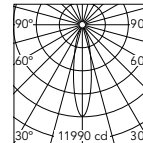
Dali Version

09.2992.30.DA

09.2992.14.DA



23° MEDIUM



Luminous flux luminaire 2814 lm

Beam Angle: 23°

h(m) E(lx) D(m)

1 11990 0.40

2 2997 0.80

3 1332 1.20

4 749 1.59

5 480 1.99

53W - 4300 lm

Non Dimmable

09.2978.30

09.2978.14

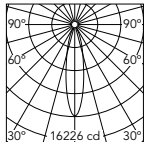
Dali Version

09.2978.30.DA

09.2978.14.DA



23° MEDIUM



Luminous flux luminaire 3806 lm

Beam Angle: 23°

h(m) E(lx) D(m)

1 16226 0.40

2 4056 0.80

3 1803 1.20

4 1014 1.59

5 649 1.99

3000K - CRI 90

30W - 2855 lm

Non Dimmable

09.2999.30

09.2999.14

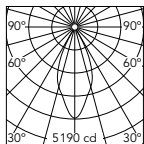
Dali Version

09.2999.30.DA

09.2999.14.DA



44° FLOOD



Luminous flux luminaire 2457 lm

Beam Angle: 44°

h(m) E(lx) D(m)

1 5190 0.80

2 1298 1.61

3 577 2.41

4 324 3.22

5 208 4.02

3000K - CRI 90

35W - 3509 lm

Non Dimmable

09.2993.30

09.2993.14

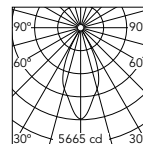
Dali Version

09.2993.30.DA

09.2993.14.DA



45° FLOOD



Luminous flux luminaire 2783 lm

Beam Angle: 45°

h(m) E(lx) D(m)

1 5665 0.83

2 1416 1.65

3 629 2.48

4 354 3.31

5 227 4.13

53W - 4312 lm

Non Dimmable

09.2979.30

09.2979.14

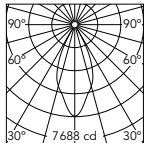
Dali Version

09.2979.30.DA

09.2979.14.DA



45° FLOOD



Luminous flux luminaire 3763 lm

Beam Angle: 45°

h(m) E(lx) D(m)

1 7688 0.82

2 1922 1.65

3 854 2.47

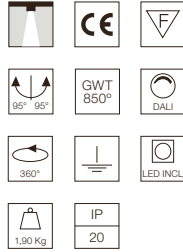
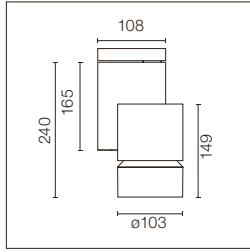
4 481 3.30

5 308 4.12

SOLID PURE

Solid Pure Ceiling

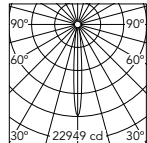
Light Source: LED Array 23W - 2231 lm - 3000K/CRI 90



Appareil d'éclairage pour plafond/ mur à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on ceiling/wall with LED light source. 220-240V, 50-60Hz power supply included.

- Non Dimmable
- 09.2891.30
- 09.2891.14
- Dali Version
- 09.2891.30.DA
- 09.2891.14.DA

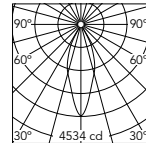


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	22949	0.18
2	5737	0.35
3	2550	0.53
4	1434	0.71
5	918	0.88

Luminous flux luminaire 1832 lm

- Non Dimmable
- 09.2893.30
- 09.2893.14
- Dali Version
- 09.2893.30.DA
- 09.2893.14.DA

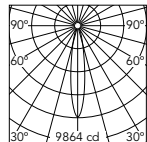


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	4534	0.64
2	1133	1.27
3	504	1.91
4	283	2.54
5	181	3.18

Luminous flux luminaire 1772 lm

- Non Dimmable
- 09.2892.30
- 09.2892.14
- Dali Version
- 09.2892.30.DA
- 09.2892.14.DA



Beam Angle: 18°

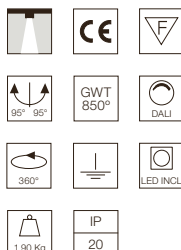
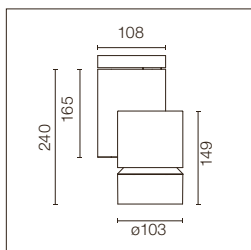
h(m)	E(lx)	D(m)
1	9864	0.31
2	2466	0.62
3	1096	0.93
4	616	1.24
5	395	1.55

Luminous flux luminaire 1637 lm

SOLID PURE

Solid Pure Ceiling

Light Source: LED Array 30W - 2855 lm - 3000K/CRI 90 / 35W - 3509 lm - 3000K/CRI 90 / 53W - 4312 lm - 3000K/CRI 90



Appareil d'éclairage pour plafond/
mur à LED. Alimentation 220-240V,
50-60Hz intégrée.

Spotlight to be installed on ceiling/
wall with LED light source. 220-
240V, 50-60Hz power supply
included.

3000K - CRI 90

30W - 2855 lm

Non Dimmable

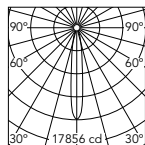
09.2873.30

09.2873.14

Dali Version

09.2873.30.DA

09.2873.14.DA



Beam Angle: 14°

h(m) E(lx) D(m)

1 17856 0.25

2 4464 0.51

3 1984 0.76

4 1116 1.01

5 714 1.27

Luminous flux luminaire
2516 lm

3000K - CRI 90

35W - 3509 lm

Non Dimmable

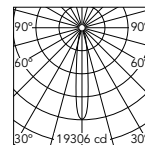
09.2994.30

09.2994.14

Dali Version

09.2994.30.DA

09.2994.14.DA



Beam Angle: 15°

h(m) E(lx) D(m)

1 19306 0.26

2 4827 0.53

3 2145 0.79

4 1207 1.05

5 772 1.31

Luminous flux luminaire
2845 lm

53W - 4312 lm

Non Dimmable

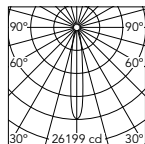
09.2980.30

09.2980.14

Dali Version

09.2980.30.DA

09.2980.14.DA



Beam Angle: 15°

h(m) E(lx) D(m)

1 26199 0.26

2 6550 0.52

3 2911 0.78

4 1637 1.05

5 1048 1.31

Luminous flux luminaire
3848 lm

3000K - CRI 90

30W - 2855 lm

Non Dimmable

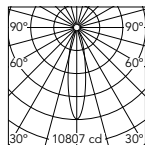
09.2874.30

09.2874.14

Dali Version

09.2874.30.DA

09.2874.14.DA



Beam Angle: 22°

h(m) E(lx) D(m)

1 10807 0.39

2 2702 0.79

3 1201 1.18

4 675 1.57

5 432 1.97

Luminous flux luminaire
2486 lm

3000K - CRI 90

35W - 3509 lm

Non Dimmable

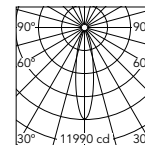
09.2995.30

09.2995.14

Dali Version

09.2995.30.DA

09.2995.14.DA



Beam Angle: 23°

h(m) E(lx) D(m)

1 11990 0.40

2 2997 0.80

3 1332 1.20

4 749 1.59

5 480 1.99

Luminous flux luminaire
2814 lm

53W - 4312 lm

Non Dimmable

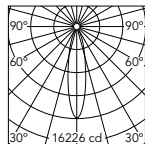
09.2981.30

09.2981.14

Dali Version

09.2981.30.DA

09.2981.14.DA



Beam Angle: 23°

h(m) E(lx) D(m)

1 16226 0.40

2 4056 0.80

3 1803 1.20

4 1014 1.59

5 649 1.99

Luminous flux luminaire
3806 lm

3000K - CRI 90

30W - 2855 lm

Non Dimmable

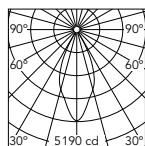
09.2875.30

09.2875.14

Dali Version

09.2875.30.DA

09.2875.14.DA



Beam Angle: 44°

h(m) E(lx) D(m)

1 5190 0.80

2 1298 1.61

3 577 2.41

4 324 3.22

5 208 4.02

Luminous flux luminaire
2457 lm

3000K - CRI 90

35W - 3509 lm

Non Dimmable

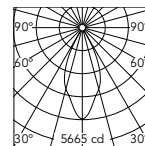
09.2996.30

09.2996.14

Dali Version

09.2996.30.DA

09.2996.14.DA



Beam Angle: 45°

h(m) E(lx) D(m)

1 5665 0.83

2 1416 1.65

3 629 2.48

4 354 3.31

5 227 4.13

Luminous flux luminaire
2783 lm

53W - 4312 lm

Non Dimmable

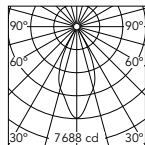
09.2982.30

09.2982.14

Dali Version

09.2982.30.DA

09.2982.14.DA



Beam Angle: 45°

h(m) E(lx) D(m)

1 7688 0.82

2 1922 1.65

3 854 2.47

4 481 3.30

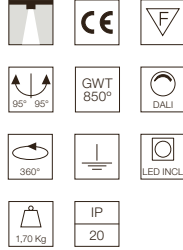
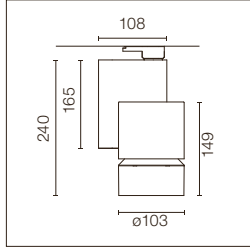
5 308 4.12

Luminous flux luminaire
3763 lm

SOLID PURE

Solid Pure Track

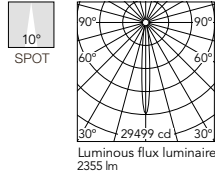
Light Source: LED Array 23W - 2865 lm - 4000K/CRI 80



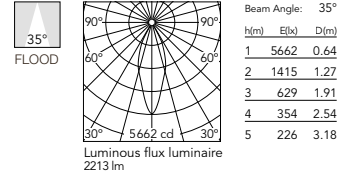
Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply included.

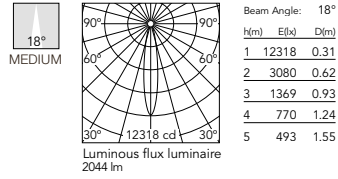
- Non Dimmable
- 09.2897.30
- 09.2897.14
- Dali Version
- 09.2897.30.DA
- 09.2897.14.DA



- Non Dimmable
- 09.2899.30
- 09.2899.14
- Dali Version
- 09.2899.30.DA
- 09.2899.14.DA



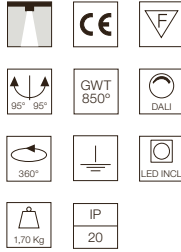
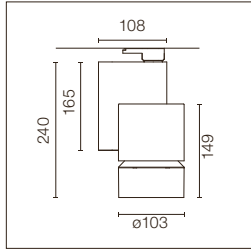
- Non Dimmable
- 09.2898.30
- 09.2898.14
- Dali Version
- 09.2898.30.DA
- 09.2898.14.DA



SOLID PURE

Solid Pure Track

Light Source: LED Array 30W - 3667 lm - 4000K/CRI 80 / 35W - 4508 lm - 4000K/CRI 80 / 53W - 5539 lm - 4000K/CRI 80



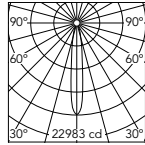
Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply included.

4000K - CRI 80

30W - 3667 lm
Non Dimmable

- 09.2879.30
- 09.2879.14
- Dali Version
- 09.2879.30.DA
- 09.2879.14.DA



Beam Angle: 14°

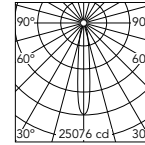
h(m)	E(lx)	D(m)
1	22983	0.25
2	5746	0.51
3	2554	0.76
4	1436	1.01
5	919	1.27

Luminous flux luminaire 3239 lm

4000K - CRI 80

35W - 4508 lm
Non Dimmable

- 09.2959.30
- 09.2959.14
- Dali Version
- 09.2959.30.DA
- 09.2959.14.DA



Beam Angle: 15°

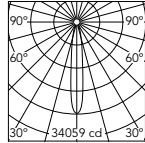
h(m)	E(lx)	D(m)
1	25076	0.26
2	6269	0.53
3	2786	0.79
4	1567	1.05
5	1003	1.31

Luminous flux luminaire 3695 lm

53W - 5539 lm

Non Dimmable

- 09.2971.30
- 09.2971.14
- Dali Version
- 09.2971.30.DA
- 09.2971.14.DA



Beam Angle: 15°

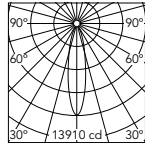
h(m)	E(lx)	D(m)
1	34059	0.26
2	8515	0.52
3	3784	0.78
4	2129	1.05
5	1362	1.31

Luminous flux luminaire 5003 lm

4000K - CRI 80

30W - 3667 lm
Non Dimmable

- 09.2880.30
- 09.2880.14
- Dali Version
- 09.2880.30.DA
- 09.2880.14.DA



Beam Angle: 22°

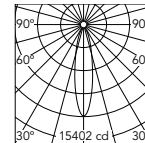
h(m)	E(lx)	D(m)
1	13910	0.39
2	3478	0.79
3	1546	1.18
4	869	1.57
5	556	1.97

Luminous flux luminaire 3200 lm

4000K - CRI 80

35W - 4508 lm
Non Dimmable

- 09.2960.30
- 09.2960.14
- Dali Version
- 09.2960.30.DA
- 09.2960.14.DA



Beam Angle: 23°

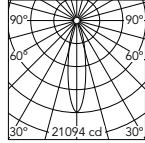
h(m)	E(lx)	D(m)
1	15402	0.40
2	3850	0.80
3	1711	1.20
4	963	1.59
5	616	1.99

Luminous flux luminaire 3614 lm

53W - 5539 lm

Non Dimmable

- 09.2972.30
- 09.2972.14
- Dali Version
- 09.2972.30.DA
- 09.2972.14.DA



Beam Angle: 23°

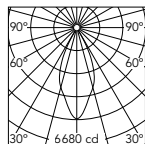
h(m)	E(lx)	D(m)
1	21094	0.40
2	5274	0.80
3	2344	1.20
4	1318	1.59
5	844	1.99

Luminous flux luminaire 4948 lm

4000K - CRI 80

30W - 3667 lm
Non Dimmable

- 09.2881.30
- 09.2881.14
- Dali Version
- 09.2881.30.DA
- 09.2881.14.DA



Beam Angle: 44°

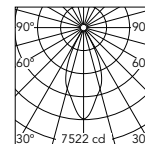
h(m)	E(lx)	D(m)
1	6680	0.80
2	1670	1.61
3	742	2.41
4	418	3.22
5	267	4.02

Luminous flux luminaire 3162 lm

4000K - CRI 80

35W - 4508 lm
Non Dimmable

- 09.2961.30
- 09.2961.14
- Dali Version
- 09.2961.30.DA
- 09.2961.14.DA



Beam Angle: 45°

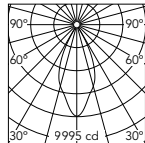
h(m)	E(lx)	D(m)
1	7522	0.83
2	1880	1.65
3	836	2.48
4	470	3.31
5	301	4.13

Luminous flux luminaire 3695 lm

53W - 5539 lm

Non Dimmable

- 09.2973.30
- 09.2973.14
- Dali Version
- 09.2973.30.DA
- 09.2973.14.DA



Beam Angle: 45°

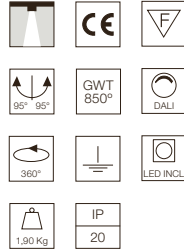
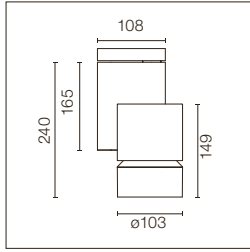
h(m)	E(lx)	D(m)
1	9995	0.82
2	2499	1.65
3	1111	2.47
4	625	3.30
5	400	4.12

Luminous flux luminaire 4892 lm

SOLID PURE

Solid Pure Ceiling

Light Source: LED Array 30W - 3667 lm - 4000K/CRI 80 / 35W - 4508 lm - 4000K/CRI 80 / 53W - 5539 lm - 4000K/CRI 80



Appareil d'éclairage pour plafond/ mur à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on ceiling/ wall with LED light source. 220-240V, 50-60Hz power supply included.

4000K - CRI 80

30W - 3667 lm

Non Dimmable

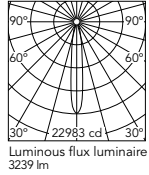
09.2882.30

09.2882.14

Dali Version

09.2882.30.DA

09.2882.14.DA



Beam Angle: 14°

h(m) E(lx) D(m)

1 22983 0.25

2 5746 0.51

3 2554 0.76

4 1436 1.01

5 919 1.27

Luminous flux luminaire 3239 lm

4000K - CRI 80

35W - 4508 lm

Non Dimmable

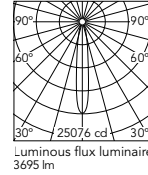
09.2962.30

09.2962.14

Dali Version

09.2962.30.DA

09.2962.14.DA



Beam Angle: 15°

h(m) E(lx) D(m)

1 25076 0.26

2 6269 0.53

3 2786 0.79

4 1567 1.05

5 1003 1.31

Luminous flux luminaire 3695 lm

53W - 5539 lm

Non Dimmable

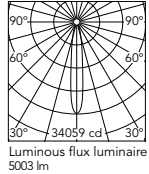
09.2974.30

09.2974.14

Dali Version

09.2974.30.DA

09.2974.14.DA



Beam Angle: 15°

h(m) E(lx) D(m)

1 34059 0.26

2 8515 0.52

3 3784 0.78

4 2129 1.05

5 1362 1.31

Luminous flux luminaire 5003 lm

4000K - CRI 80

30W - 3667 lm

Non Dimmable

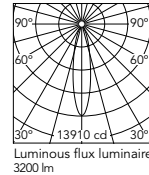
09.2883.30

09.2883.14

Dali Version

09.2883.30.DA

09.2883.14.DA



Beam Angle: 22°

h(m) E(lx) D(m)

1 13910 0.39

2 3478 0.79

3 1546 1.18

4 869 1.57

5 556 1.97

Luminous flux luminaire 3200 lm

4000K - CRI 80

35W - 4508 lm

Non Dimmable

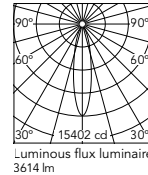
09.2963.30

09.2963.14

Dali Version

09.2963.30.DA

09.2963.14.DA



Beam Angle: 23°

h(m) E(lx) D(m)

1 15402 0.40

2 3850 0.80

3 1711 1.20

4 963 1.59

5 616 1.99

Luminous flux luminaire 3614 lm

53W - 5539 lm

Non Dimmable

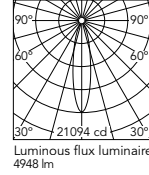
09.2975.30

09.2975.14

Dali Version

09.2975.30.DA

09.2975.14.DA



Beam Angle: 23°

h(m) E(lx) D(m)

1 21094 0.40

2 5274 0.80

3 2344 1.20

4 1318 1.59

5 844 1.99

Luminous flux luminaire 4948 lm

4000K - CRI 80

30W - 3667 lm

Non Dimmable

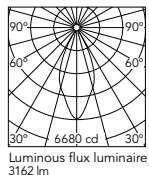
09.2884.30

09.2884.14

Dali Version

09.2884.30.DA

09.2884.14.DA



Beam Angle: 44°

h(m) E(lx) D(m)

1 6680 0.80

2 1670 1.61

3 742 2.41

4 418 3.22

5 267 4.02

Luminous flux luminaire 3162 lm

4000K - CRI 80

35W - 4508 lm

Non Dimmable

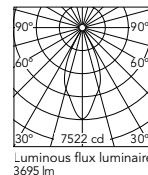
09.2964.30

09.2964.14

Dali Version

09.2964.30.DA

09.2964.14.DA



Beam Angle: 45°

h(m) E(lx) D(m)

1 7522 0.83

2 1880 1.65

3 836 2.48

4 470 3.31

5 301 4.13

Luminous flux luminaire 3695 lm

53W - 5539 lm

Non Dimmable

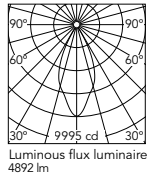
09.2976.30

09.2976.14

Dali Version

09.2976.30.DA

09.2976.14.DA



Beam Angle: 45°

h(m) E(lx) D(m)

1 9995 0.82

2 2499 1.65

3 1111 2.47

4 625 3.30

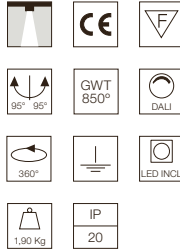
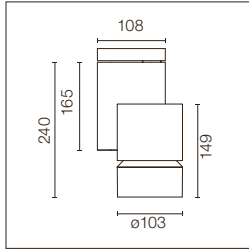
5 400 4.12

Luminous flux luminaire 4892 lm

SOLID PURE

Solid Pure Ceiling

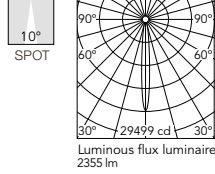
Light Source: LED Array 23W - 2865 lm - 4000K/CRI 80



Appareil d'éclairage pour plafond/mur à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on ceiling/wall with LED light source. 220-240V, 50-60Hz power supply included.

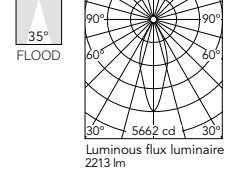
- Non Dimmable
- 09.2865.30
- 09.2865.14
- Dali Version
- 09.2865.30.DA
- 09.2865.14.DA



Beam Angle: 10°

h(m)	E lx	D(m)
1	29499	0.18
2	7375	0.35
3	3278	0.53
4	1844	0.71
5	1180	0.88

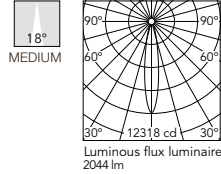
- Non Dimmable
- 09.2867.30
- 09.2867.14
- Dali Version
- 09.2867.30.DA
- 09.2867.14.DA



Beam Angle: 35°

h(m)	E lx	D(m)
1	5662	0.64
2	1415	1.27
3	629	1.91
4	354	2.54
5	226	3.18

- Non Dimmable
- 09.2866.30
- 09.2866.14
- Dali Version
- 09.2866.30.DA
- 09.2866.14.DA



Beam Angle: 18°

h(m)	E lx	D(m)
1	12318	0.31
2	3080	0.62
3	1369	0.93
4	770	1.24
5	493	1.55

Accessoires / Accessories

Tous les accessoires doivent toujours être utilisés avec le cercle support. Ce cercle support permet d'installer un élément anti-éblouissement type "nid d'abeille", un filtre de couleur ou un élément anti-éblouissement + un filtre de couleur.

All accessories should always be used with the holding ring. This holding ring allows to use the spotlight with a "honeycomb" anti-glare screen or a color filter or both, a "honeycomb" + a color filter.

Anneau de fixation
Holding ring



08.8768.14

Honeycomb
Honeycomb



08.8763.14

Filtre bleu
Blue filter



08.8766.64.OD

Filtre bleu ciel
Sky blue filter



08.8766.65.OD

Filtre ambre
Amber filter



08.8766.66.OD

Filtre rouge
Red filter



08.8766.67.OD

PURE SPOT

DESIGNED BY KNUD HOLSCHER

PURE SPOT

PURE SPOT
PRO



LIGHT SOURCE

LED ARRAY
17,5W
2115 lm
3000K/CRI 80

LIGHT SOURCE

POWER LED
15,7W
1400 lm
2700K/CRI 80
3000K/CRI 80

LIGHT SOURCE

PHOSPHOR
LED
19,5W
2000 lm
3000K/CRI 80
17W
1400 lm
3000K/CRI 98

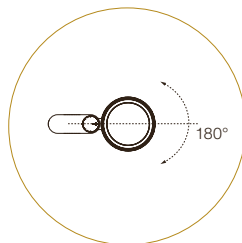
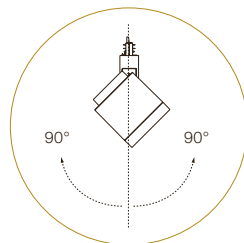
□ 30 Blanc
30 White

■ 02 Gris
02 Grey

■ 14 Noir
14 Black



Peut être pivoté à 180° et orienté à 180°.
Can be rotated 180° and swivelled 180°.



reddot design award
winner 2008

DESIGN PLUS

422

PURE SPOT

Description

Projecteur pour installation au plafond ou sur rail électrique triphasé.

Douille en céramique ou en technopolymère ininflammable, câbles électriques transparents avec double isolation en Teflon. Corps du projecteur en aluminium, colerette en thermoplastique noir et verre trempé de 4mm d'épaisseur. Le corps, le couvercle de fermeture et le support orientable de la lampe sont en alliage d'aluminium moulé sous pression, recouvert d'une peinture à poudre de couleur blanc, gris ou noir. Adaptateur triphasé thermoplastique.

Réflecteurs

Toutes les optiques sont en aluminium superpur avec finition spéculaire.

Photométrie de spot 10° à très large 51°.

Unité d'Alimentation

Transformateur électronique à courant constant non réglable 220/240V 50/60Hz.

Accessoires

- Verre de distribution elliptique en verre trempé de 4mm.
- Honeycomb.
- Filtres chromatiques.

Informations Complémentaires

Possibilité de rotation à 180° sur l'axe vertical, de 180° sur l'axe horizontal. Muni d'un système de blocage horizontal et vertical.

Indice de protection IP20.

Classe d'isolation I.

Peut être installé sur des surfaces normalement inflammables.

Les appareils d'éclairage FLOS pour rail triphase standard sont conçus et testés pour les rails recommandés par FLOS. Leur compatibilité est garantie avec les rails triphases fabriqués par Nordic Aluminium et Eutrac. Pour vérifier s'ils sont compatibles avec d'autres rails, veuillez contacter FLOS avant l'installation.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Luminaire for ceiling or three-phase electric track installation.

Self-extinguishing ceramic or engineering plastic lamp holders, with single-pole, transparent electric wires with double Teflon insulation. Aluminum body, placed above the lamp holder, black thermoplastic and 4mm tempered glass screen-support ring. Die-cast aluminum alloy body, cover and adjustable lamp support, powder-coated white, grey or black. Thermoplastic three-phase adapter.

Reflectors

All super pure aluminum with specular finish.

Circular rotosymmetrical from 10° spot to 51° wide flood.

Power Supply

- Electronic transformer with non-adjustable constant current 220/240V 50/60Hz.

Accessories

- 4mm tempered glass elliptical distribution lens.
- Honeycomb.
- Chromatic filters.

Additional Information

0° - 180° vertical rotation, 0° - 180° horizontal rotation.

Horizontal and vertical locking system.

IP20 protection grade.

Insulation class I.

Suitable for installation on normally inflammable surfaces.

FLOS three-phase lighting track luminaires are designed and fully tested for tracks recommended by FLOS.

Compatibility is guaranteed with three-phase track produced by Nordic Aluminium and Eutrac. To verify compatibility with any other track, please contact FLOS before installation.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Ceiling

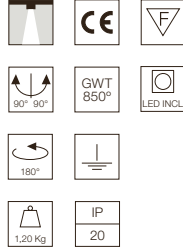
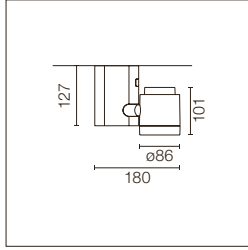


Track

PURE SPOT

Pure Spot Track

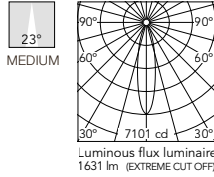
Light Source: LED Array 17,5W - 2115 lm - 3000K/CRI 80



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220/240V, 50/60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220/240V, 50/60Hz power supply integrated.

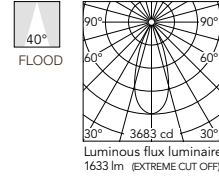
- 09.2570.30A
- 09.2570.02A
- 09.2570.14A



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	7101	0.40
2	1775	0.80
3	789	1.21
4	444	1.61
5	284	2.01

- 09.2571.30A
- 09.2571.02A
- 09.2571.14A

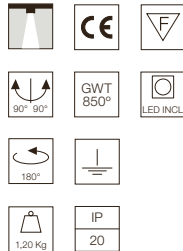
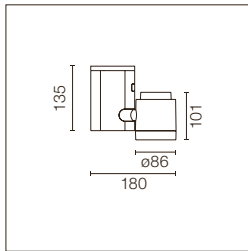


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	3683	0.72
2	921	1.44
3	409	2.16
4	230	2.88
5	147	3.60

Pure Spot Ceiling

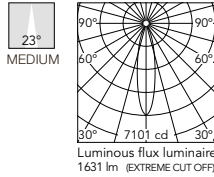
Light Source: LED Array 17,5W - 2115 lm - 3000K/CRI 80



Appareil d'éclairage pour plafond/mur à LED. Alimentation 220/240V, 50/60Hz intégrée.

Spotlight to be installed on ceiling/wall with LED light source. 220/240V, 50/60Hz power supply integrated.

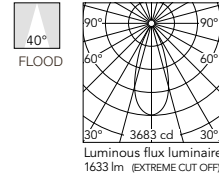
- 09.2575.30A
- 09.2575.02A
- 09.2575.14A



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	7101	0.40
2	1775	0.80
3	789	1.21
4	444	1.61
5	284	2.01

- 09.2576.30A
- 09.2576.02A
- 09.2576.14A



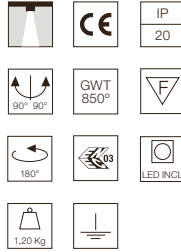
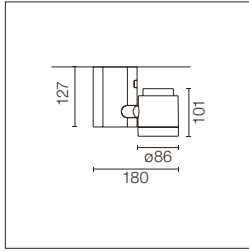
Beam Angle: 40°

h(m)	E(lx)	D(m)
1	3683	0.72
2	921	1.44
3	409	2.16
4	230	2.88
5	147	3.60

PURE SPOT

Pure Spot Track

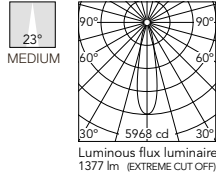
Light Source: Phosphor LED 19,5W - 2000 lm - 3000K/CRI 80 / 17W - 1400 lm - 3000K/CRI 98



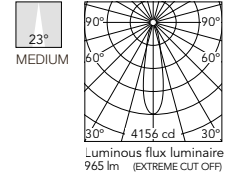
Appareil d'éclairage pour rail triphasé à LED. Transformateur électronique 220/240V, 50/60Hz pour LED à phosphore intégré.

Spotlight to be installed on 3-phase track with LED light source. Electronic transformer 220/240V, 50/60Hz for phosphor LED integrated. LED integrated.

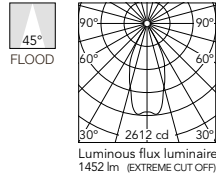
3000K - CRI 80
 09.2410.30C
 09.2410.02C
 09.2410.14C



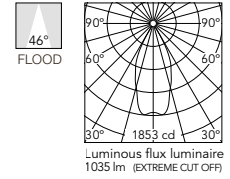
3000K - CRI 98
 09.2400.30C
 09.2400.02C
 09.2400.14C



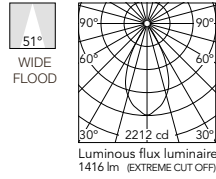
3000K - CRI 80
 09.2411.30C
 09.2411.02C
 09.2411.14C



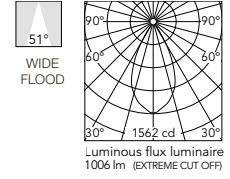
3000K - CRI 98
 09.2401.30C
 09.2401.02C
 09.2401.14C



3000K - CRI 80
 09.2412.30C
 09.2412.02C
 09.2412.14C



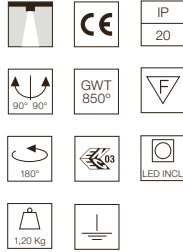
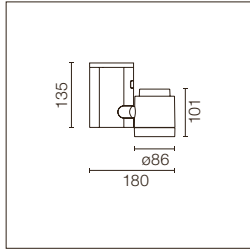
3000K - CRI 98
 09.2402.30C
 09.2402.02C
 09.2402.14C



PURE SPOT

Pure Spot Ceiling

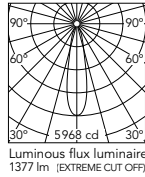
Light Source: Phosphor LED 19,5W - 2000 lm - 3000K/CRI 80 / 17W - 1400 lm - 3000K/CRI 98



Appareil d'éclairage pour plafond/mur à LED. Transformateur électronique 220/240V, 50/60Hz pour LED à phosphore intégré.

Spotlight to be installed on ceiling/wall with LED light source. Electronic transformer 220/240V, 50/60Hz for phosphor LED integrated.

3000K - CRI 80
 09.2460.30C
 09.2460.02C
 09.2460.14C

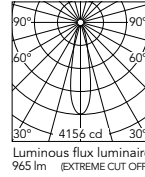


Beam Angle: 23°

h(m)	E(lx)	D(m)
1	5968	0.41
2	1492	0.81
3	663	1.22
4	373	1.62
5	239	2.03

Luminous flux luminaire
1377 lm (EXTREME CUT OFF)

3000K - CRI 98
 09.2450.30C
 09.2450.02C
 09.2450.14C

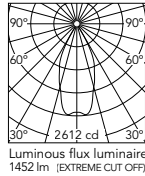


Beam Angle: 23°

h(m)	E(lx)	D(m)
1	4156	0.41
2	1039	0.81
3	462	1.22
4	260	1.63
5	166	2.04

Luminous flux luminaire
965 lm (EXTREME CUT OFF)

3000K - CRI 80
 09.2461.30C
 09.2461.02C
 09.2461.14C

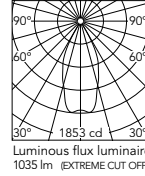


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	2612	0.84
2	653	1.68
3	290	2.51
4	163	3.35
5	104	4.19

Luminous flux luminaire
1452 lm (EXTREME CUT OFF)

3000K - CRI 98
 09.2451.30C
 09.2451.02C
 09.2451.14C

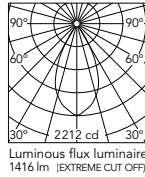


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1853	0.85
2	463	1.70
3	206	2.54
4	116	3.39
5	74	4.24

Luminous flux luminaire
1035 lm (EXTREME CUT OFF)

3000K - CRI 80
 09.2462.30C
 09.2462.02C
 09.2462.14C

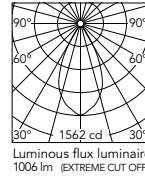


Beam Angle: 51°

h(m)	E(lx)	D(m)
1	2212	0.95
2	553	1.90
3	246	2.85
4	138	3.79
5	88	4.74

Luminous flux luminaire
1416 lm (EXTREME CUT OFF)

3000K - CRI 98
 09.2452.30C
 09.2452.02C
 09.2452.14C



Beam Angle: 51°

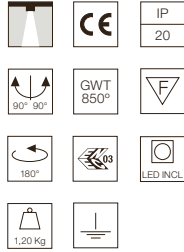
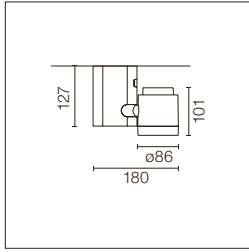
h(m)	E(lx)	D(m)
1	1562	0.95
2	391	1.91
3	174	2.86
4	98	3.82
5	62	4.77

Luminous flux luminaire
1006 lm (EXTREME CUT OFF)

PURE SPOT

Pure Spot Track

Light Source: Power LED 15,7W - 1400 lm - 2700K/CRI 80 / 15,7W - 1400 lm - 3000K/CRI 80

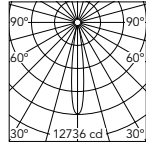


Appareil d'éclairage pour rail triphasé à LED. Alimentation 220/240V, 50/60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220/240V, 50/60Hz power supply integrated.

2700K - CRI 80

- 09.2405.30A
- 09.2405.02A
- 09.2405.14A



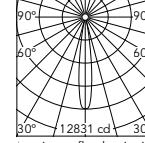
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	12736	0.26
2	3184	0.52
3	1415	0.78
4	796	1.04
5	509	1.29

Luminous flux luminaire 1058 lm (EXTREME CUT OFF)

3000K - CRI 80

- 09.2415.30A
- 09.2415.02A
- 09.2415.14A



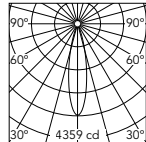
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	12831	0.27
2	3208	0.54
3	1426	0.81
4	802	1.07
5	513	1.34

Luminous flux luminaire 1139 lm (EXTREME CUT OFF)

2700K - CRI 80

- 09.2406.30A
- 09.2406.02A
- 09.2406.14A



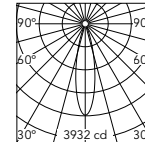
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	4359	0.40
2	1090	0.80
3	484	1.20
4	272	1.60
5	174	2.01

Luminous flux luminaire 933 lm (EXTREME CUT OFF)

3000K - CRI 80

- 09.2416.30A
- 09.2416.02A
- 09.2416.14A



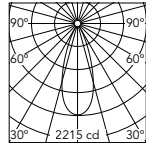
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	3932	0.43
2	983	0.85
3	437	1.28
4	246	1.70
5	157	2.13

Luminous flux luminaire 958 lm (EXTREME CUT OFF)

2700K - CRI 80

- 09.2407.30A
- 09.2407.02A
- 09.2407.14A



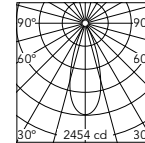
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	2215	0.67
2	554	1.34
3	246	2.02
4	138	2.69
5	89	3.36

Luminous flux luminaire 956 lm (EXTREME CUT OFF)

3000K - CRI 80

- 09.2417.30A
- 09.2417.02A
- 09.2417.14A



Beam Angle: 37°

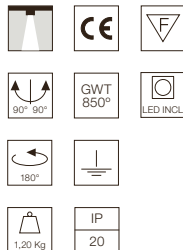
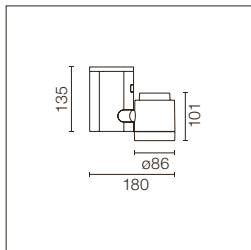
h(m)	E(lx)	D(m)
1	2454	0.66
2	614	1.32
3	273	1.98
4	153	2.64
5	98	3.30

Luminous flux luminaire 1043 lm (EXTREME CUT OFF)

PURE SPOT

Pure Spot Ceiling

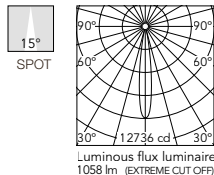
Light Source: Power LED 15,7W - 1400 lm - 2700K/CRI 80 / 15,7W - 1400 lm - 3000K/CRI 80



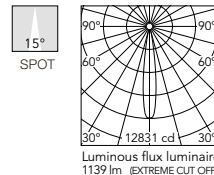
Appareil d'éclairage pour plafond/mur à LED. Alimentation 220/240V, 50/60Hz intégrée.

Spotlight to be installed on ceiling/wall with LED light source. 220/240V, 50/60Hz power supply integrated.

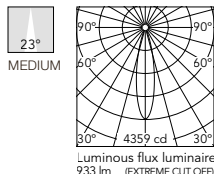
- 2700K - CRI 80**
- 09.2455.30A
 - 09.2455.02A
 - 09.2455.14A



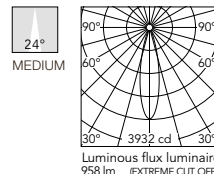
- 3000K - CRI 80**
- 09.2465.30A
 - 09.2465.02A
 - 09.2465.14A



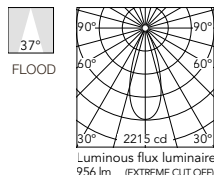
- 2700K - CRI 80**
- 09.2456.30A
 - 09.2456.02A
 - 09.2456.14A



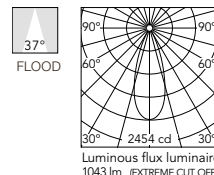
- 3000K - CRI 80**
- 09.2466.30A
 - 09.2466.02A
 - 09.2466.14A



- 2700K - CRI 80**
- 09.2457.30A
 - 09.2457.02A
 - 09.2457.14A

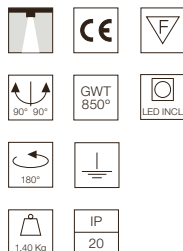
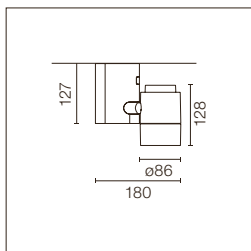


- 3000K - CRI 80**
- 09.2467.30A
 - 09.2467.02A
 - 09.2467.14A



Pure Spot Pro Track

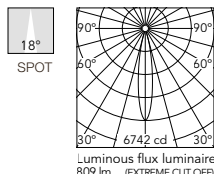
Light Source: LED Array 17,5W - 2115 lm - 3000K/CRI 80



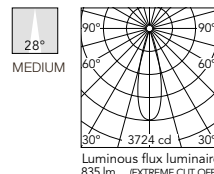
Appareil d'éclairage pour rail triphasé à LED. Alimentation 220/240V, 50/60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220/240V, 50/60Hz power supply integrated.

- 09.2580.30A
09.2580.02A
09.2580.14A



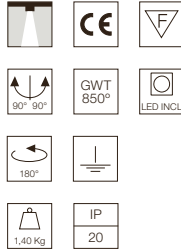
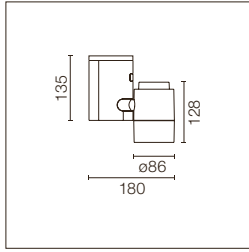
- 09.2581.30A
09.2581.02A
09.2581.14A



PURE SPOT

Pure Spot Pro Ceiling

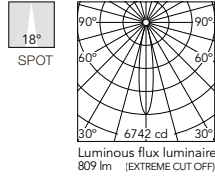
Light Source: LED Array 17,5W - 2115 lm - 3000K/CRI 80



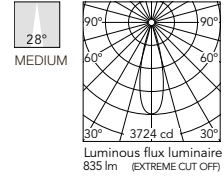
Appareil d'éclairage pour plafond/mur à LED. Alimentation 220/240V, 50/60Hz intégrée.

Spotlight to be installed on ceiling/wall with LED light source. 220/240V, 50/60Hz power supply integrated.

- 09.2585.30A
- 09.2585.02A
- 09.2585.14A

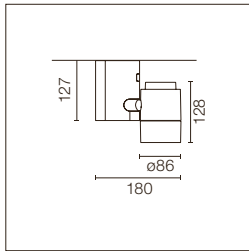


- 09.2586.30A
- 09.2586.02A
- 09.2586.14A



Pure Spot Pro Track

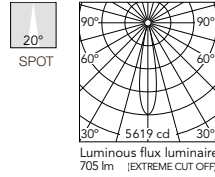
Light Source: Phosphor LED 19,5W - 2000 lm - 3000K/CRI 80 / 17W - 1400 lm - 3000K/CRI 98



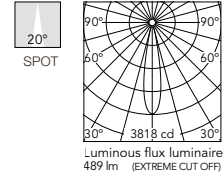
Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. Electronic transformer 220/240V, 50/60Hz for phosphor LED integrated.

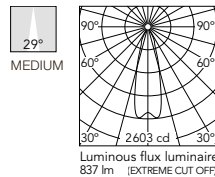
- 3000K - CRI 80**
- 09.2430.30C
 - 09.2430.02C
 - 09.2430.14C



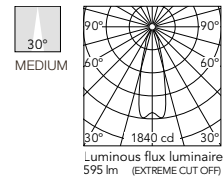
- 3000K - CRI 98**
- 09.2420.30C
 - 09.2420.02C
 - 09.2420.14C



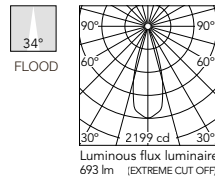
- 3000K - CRI 80**
- 09.2431.30C
 - 09.2431.02C
 - 09.2431.14C



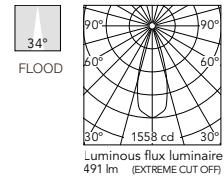
- 3000K - CRI 98**
- 09.2421.30C
 - 09.2421.02C
 - 09.2421.14C



- 3000K - CRI 80**
- 09.2432.30C
 - 09.2432.02C
 - 09.2432.14C



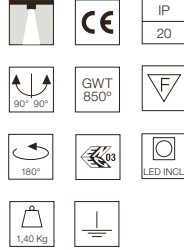
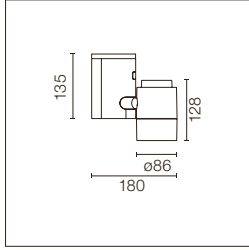
- 3000K - CRI 98**
- 09.2422.30C
 - 09.2422.02C
 - 09.2422.14C



PURE SPOT

Pure Spot Pro Ceiling

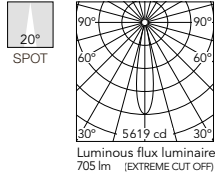
Light Source: Phosphor LED 19,5W - 2000 lm - 3000K/CRI 80 / 17W - 1400 lm - 3000K/CRI 98



Appareil d'éclairage pour plafond/mur à LED. Transformateur électronique 220/240V, 50/60Hz pour Led à phosphore intégré.

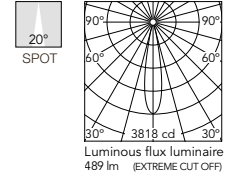
Spotlight to be installed on ceiling/wall with LED light source. Electronic transformer 220/240V, 50/60Hz for phosphor LED integrated.

3000K - CRI 80
 09.2480.30C
 09.2480.02C
 09.2480.14C



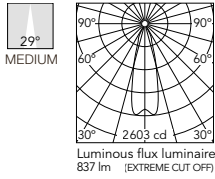
h(m)	E(lx)	D(m)
1	5619	0.35
2	1405	0.69
3	624	1.04
4	351	1.38
5	225	1.73

3000K - CRI 98
 09.2470.30C
 09.2470.02C
 09.2470.14C



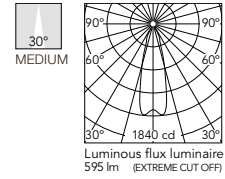
h(m)	E(lx)	D(m)
1	3818	0.35
2	955	0.70
3	424	1.05
4	239	1.40
5	153	1.75

3000K - CRI 80
 09.2481.30C
 09.2481.02C
 09.2481.14C



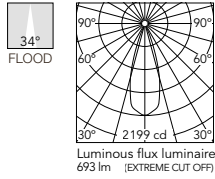
h(m)	E(lx)	D(m)
1	2603	0.53
2	651	1.05
3	289	1.58
4	163	2.10
5	104	2.63

3000K - CRI 98
 09.2471.30C
 09.2471.02C
 09.2471.14C



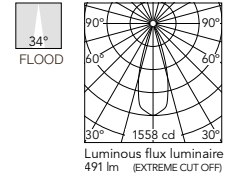
h(m)	E(lx)	D(m)
1	1840	0.53
2	460	1.06
3	204	1.59
4	115	2.11
5	74	2.64

3000K - CRI 80
 09.2482.30C
 09.2482.02C
 09.2482.14C



h(m)	E(lx)	D(m)
1	2199	0.61
2	550	1.22
3	244	1.83
4	137	2.44
5	88	3.05

3000K - CRI 98
 09.2472.30C
 09.2472.02C
 09.2472.14C

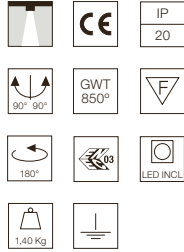
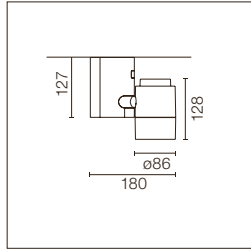


h(m)	E(lx)	D(m)
1	1558	0.61
2	389	1.22
3	173	1.83
4	97	2.44
5	62	3.05

PURE SPOT

Pure Spot Pro Track

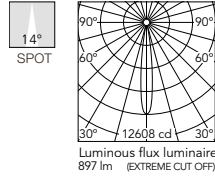
Light Source: Power LED 15,7W - 1400 lm - 2700K/CRI 80 / 15,7W - 1400 lm - 3000K/CRI 80



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220/240V, 50/60Hz intégrée.

Spotlight to be installed on 3-phase track with LED light source. 220/240V, 50/60Hz power supply integrated.

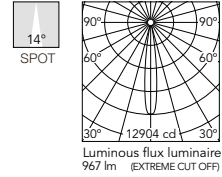
- 2700K - CRI 80**
- 09.2425.30A
 - 09.2425.02A
 - 09.2425.14A



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	12608	0.25
2	3152	0.49
3	1401	0.74
4	788	0.98
5	504	1.23

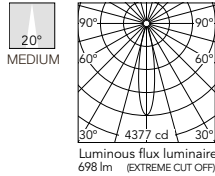
- 3000K - CRI 80**
- 09.2435.30A
 - 09.2435.02A
 - 09.2435.14A



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	12904	0.25
2	3226	0.50
3	1434	0.75
4	806	1.01
5	516	1.26

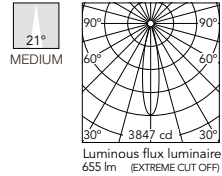
- 2700K - CRI 80**
- 09.2426.30A
 - 09.2426.02A
 - 09.2426.14A



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	4377	0.35
2	1094	0.71
3	486	1.06
4	274	1.41
5	175	1.76

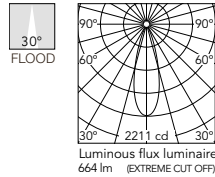
- 3000K - CRI 80**
- 09.2436.30A
 - 09.2436.02A
 - 09.2436.14A



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	3847	0.36
2	962	0.73
3	427	1.09
4	240	1.45
5	154	1.82

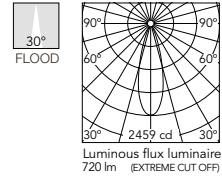
- 2700K - CRI 80**
- 09.2427.30A
 - 09.2427.02A
 - 09.2427.14A



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	2211	0.54
2	553	1.08
3	246	1.62
4	138	2.16
5	88	2.70

- 3000K - CRI 80**
- 09.2437.30A
 - 09.2437.02A
 - 09.2437.14A



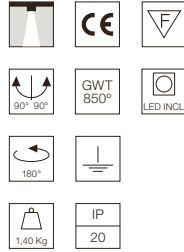
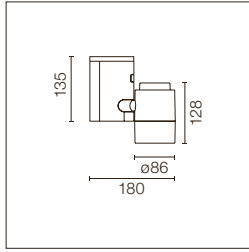
Beam Angle: 30°

h(m)	E(lx)	D(m)
1	2459	0.53
2	615	1.07
3	273	1.60
4	154	2.13
5	98	2.66

PURE SPOT

Pure Spot Pro Ceiling

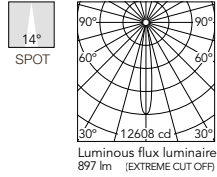
Light Source: Power LED 15,7W - 1400 lm - 2700K/CRI 80 / 15,7W - 1400 lm - 3000K/CRI 80



Appareil d'éclairage pour plafond/mur à LED. Alimentation 220/240V, 50/60Hz intégrée.

Spotlight to be installed on ceiling/wall with LED light source. 220/240V, 50/60Hz power supply integrated.

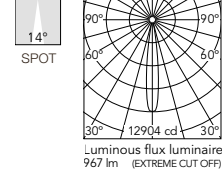
2700K - CRI 80
 09.2475.30A
 09.2475.02A
 09.2475.14A



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	12608	0.25
2	3152	0.49
3	1401	0.74
4	788	0.98
5	504	1.23

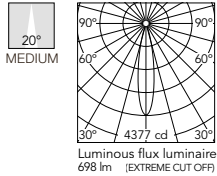
3000K - CRI 80
 09.2485.30A
 09.2485.02A
 09.2485.14A



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	12904	0.25
2	3226	0.50
3	1434	0.75
4	806	1.01
5	516	1.26

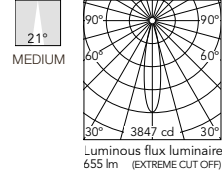
2700K - CRI 80
 09.2476.30A
 09.2476.02A
 09.2476.14A



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	4377	0.35
2	1094	0.71
3	486	1.06
4	274	1.41
5	175	1.76

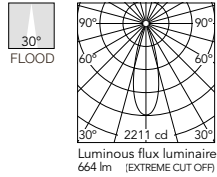
3000K - CRI 80
 09.2486.30A
 09.2486.02A
 09.2486.14A



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	3847	0.36
2	962	0.73
3	427	1.09
4	240	1.45
5	154	1.82

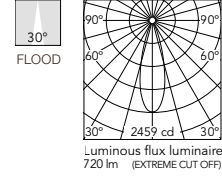
2700K - CRI 80
 09.2477.30A
 09.2477.02A
 09.2477.14A



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	2211	0.54
2	553	1.08
3	246	1.62
4	138	2.16
5	88	2.70

3000K - CRI 80
 09.2487.30A
 09.2487.02A
 09.2487.14A



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	2459	0.53
2	615	1.07
3	273	1.60
4	154	2.13
5	98	2.66

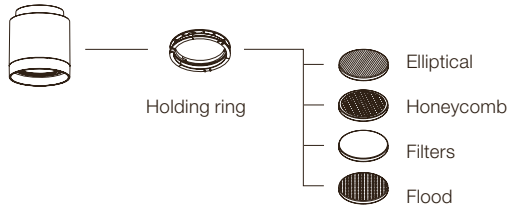
PURE SPOT

Accessoires / Accessories

Pure Spot

Les lentilles elliptiques, la grille anti-réverbération et les différents filtres doivent toujours être installés avec une bague de serrage.

Elliptical lens, honeycomb filter, different filters and flood lens, must always be used with the holding ring.



Anneau de fixation
Holding ring



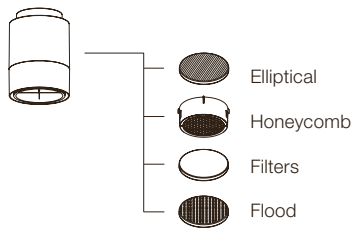
08.8166.14

Honeycomb
Honeycomb



08.8169.14

Pure Spot Pro



Honeycomb
Honeycomb



08.8186.14

Pure Spot / Pure Spot Pro

Lentille elliptique
Elliptical lens



08.8163.68

Lentille flood
Flood Lens



08.8175.68

Filtre bleu
Blue filter



08.8160.64.OD

Filtre bleu ciel
Sky blue filter



08.8160.65.OD

Filtre ambre
Amber filter



08.8160.66.OD

Filtre rouge
Red filter



08.8160.67.OD

Filtre anti U.V.
U.V. filter



08.8160.98.OD

Filtre anti I.R.
I.R. filter



08.8160.68

Hot light
Hot light



08.8160.69

Cold light
Cold light



08.8160.CL

Daylight
Daylight



08.8160.DL

Neodimium
Neodimium



08.8160.ND

Anneau externe PRO pour
Pure Spot. Uniquement pour
les versions à halogènes. Nous
consulter pour la version LED.



08.8232.30
08.8232.02
08.8232.14

Pure Spot external ring
accessory PRO. Only for
halogen lamps. Consult for LED
version.



LIGHT SOURCE
LED ARRAY
9,2W
945 lm
3000K/CRI 80



LIGHT SOURCE **LIGHT SOURCE**
QT-14 QT-12
G9 GY6.35
max 40W max 50W

□ 30 Blanc
30 White

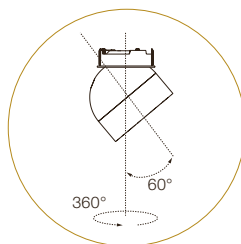
◐ 05 Aluminium Poli
05 Polished Aluminium

■ 14 Noir
14 Black

■ GN Vert
GN Green



Peut être pivoté à 360° et orienté à 60°.
Can be rotated 360° and swivelled 60°.



Description

Appareil d'éclairage pour installation au mur ou au plafond, pour éclairage direct. Corps aluminium, finitions chromées, blanc brillant, vert brillant et noir brillant. Écran anti-éblouissement. L'appareil est équipé de deux bagues différentes à finitions vert poli et noir poli, qui ont la fonction de protéger le verre de sécurité trempé.

Réflecteurs

Réflecteur en aluminium sablé et blanchi chimiquement.

Unite d'Alimentation

Appareil précablé pour être alimenté par appareil à distance.
A halogènes:
- 20/105W, 220/240V, 50/60Hz dimmable par système à fin ou début de phase.
A décharge:
- Ballast électronique de la puissance indiquée.

Informations Complémentaires

Rotation sur l'axe vertical jusqu'à 360° et orientation jusqu'à 60°.
Indice de protection IP20.
Classe d'isolation II, III selon les versions.
Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Wall or ceiling lamp providing direct light. Aluminum body, available in chrome, shiny white, enameled green, and shiny black finishes. Low glare shield. Provided by two different ring due to fix the safety tempered glass, in shiny black and enameled green.

Reflectors

Sanded and chemically bleached aluminum reflector.

Power Supply

Pre-wiring included; ready for remote power supply.
Halogen:
- 20/105W, 220/240V, 50/60Hz electronic transformer suitable for dimming when used with trailing edge dimmers.
Discharge:
- Electronic ballast.

Additional Information

0° - 360° vertical rotation and 0° - 60° adjustment.
IP20 protection grade.
Insulation class II, III depending on the versions.
Suitable for installation on normally inflammable surfaces.

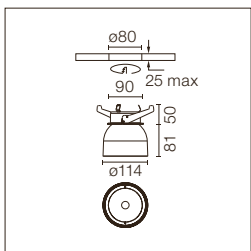
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

WAN SPOT

Wan Spot

Light Source: LED Array DC 500 mA - 9,2W - 945 lm - 3000K/CRI 80



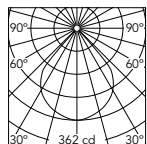
Appareil d'éclairage à encastrer au mur ou au plafond. Alimentation non comprise.

Spotlight to be installed recessed on ceiling/wall. Power supply not included.

Alimentations recommandées :
Non Dimmable
Dimmable 1-10V
Dimmable Dali
Mains Dimming

Recommended power supply:
60.8650
60.8533
60.8847
60.8534

- 03.6174.30A
- 03.6174.05A
- 03.6174.14A
- 03.6174.GNA



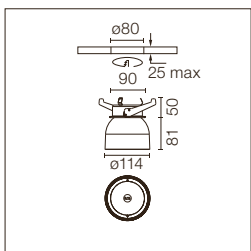
Beam Angle: 82°

h(m)	Ef(x)	D(m)
1	362	1.75
2	91	3.50
3	40	5.25
4	23	7.00
5	14	8.75

Luminous flux luminaire 505 lm

Wan Spot

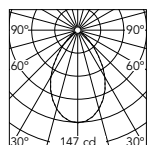
Light Source: QT-14 G9 - max 40W



Appareil d'éclairage à encastrer au mur ou au plafond avec alimentation à la tension du réseau.

Spotlight to be installed recessed on ceiling/wall with main voltage source.

- 03.6170.30
- 03.6170.05
- 03.6170.14
- 03.6170.GN

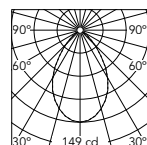


Beam Angle: 68°

h(m)	Ef(x)	D(m)
1	147	1.35
2	37	2.70
3	16	4.05
4	9	5.40
5	6	6.75

BLACK RING

Luminous flux luminaire 460 lm



Beam Angle: 69°

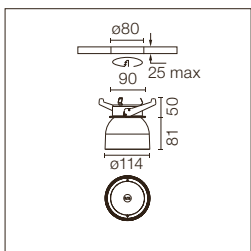
h(m)	Ef(x)	D(m)
1	149	1.38
2	37	2.75
3	17	4.13
4	9	5.50
5	6	6.88

GREEN RING

Luminous flux luminaire 460 lm

Wan Spot

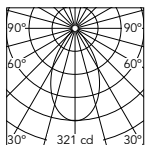
Light Source: QT-12 GY6.35 - max 50W



Appareil d'éclairage à encastrer au mur ou au plafond. Transformateur à distance non inclus.

Spotlight to be installed recessed on ceiling/wall. Remote transformer not included.

- 03.6171.30
- 03.6171.05
- 03.6171.14
- 03.6171.GN

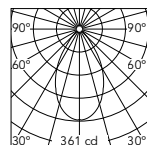


Beam Angle: 60°

h(m)	Ef(x)	D(m)
1	321	1.16
2	80	2.31
3	36	3.47
4	20	4.62
5	13	5.78

BLACK RING

Luminous flux luminaire 910 lm



Beam Angle: 61°

h(m)	Ef(x)	D(m)
1	361	1.17
2	90	2.34
3	40	3.51
4	23	4.68
5	14	5.85

GREEN RING

Luminous flux luminaire 950 lm

FORT KNOX

DESIGNED BY PHILIPPE STARCK

TRACK /
CEILING



LIGHT SOURCE

LED ARRAY
9,2W
945 lm
3000K/CRI 80
13,8W
1474 lm
3000K/CRI 80

□ 30 Blanc/RAL 9001
30 White



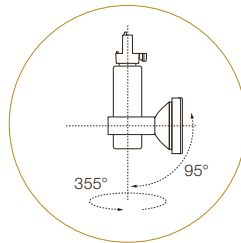
▒ 05 Aluminium Poli
05 Polished Aluminium



■ 14 Noir/RAL 9005
14 Black



Peut être pivoté à 355° et orienté à 95°.
Can be rotated 355° and swivelled 95°.



Description

Projecteur pour installation au plafond ou sur rail électrique triphasé.

Douille en céramique ou en technopolymère ininflammable, câbles électriques unipolaires transparents avec double isolation en Teflon. Corps du projecteur formé d'un élément dissipateur en aluminium, situé sur la douille, d'un anneau support-écrans en thermoplastique noir et d'un verre trempé de 4mm d'épaisseur. Le corps, le couvercle de fermeture et le support orientable de la lampe sont en alliage d'aluminium moulé sous pression, poli à la main et protégé par un vernis liquide transparent, ou recouvert d'une peinture à poudre de couleur blanc ou noir mat. Adaptateur triphasé thermoplastique.

Unité d'Alimentation

Les dispositifs d'alimentation sont intégrés dans le corps principal de l'appareil. Pour un montage sur rail triphasé, la lampe est dotée d'un disque de sélection tournant dans le sens inverse des aiguilles d'une montre, qui permet de sélectionner la ligne à laquelle connecter électriquement le projecteur. Un levier de déblocage permet d'insérer l'adaptateur.

Accessoires

- Verre de distribution elliptique en verre trempé de 4mm.
- Filtres chromatiques.

Informations Complémentaires:

Possibilité de rotation à 355° sur l'axe vertical, + 0° - 95° d'orientation horizontale.

Indice de protection: IP20.

Classe d'isolation I, II selon les versions.

Peut être installé sur des surfaces normalement inflammables.

Les appareils d'éclairage FLOS pour rail triphase standard sont conçus et testés pour les rails recommandés par FLOS. Leur compatibilité est garantie avec les rails triphases fabriqués par Nordic Aluminium et Eutrac. Pour vérifier s'ils sont compatibles avec d'autres rails, veuillez contacter FLOS avant l'installation.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Luminaire for ceiling or three-phase electric track installation.

Self-extinguishing ceramic or engineering plastic lamp holders, with single-pole, transparent electric wires with double Teflon insulation. Aluminum body, placed above the lamp holder, black thermoplastic and 4mm tempered glass screen-support ring. Die-cast aluminum alloy body, cover and adjustable lamp support, with hand-polished finish and protected with transparent liquid paint, or powder-coated white or matt black. Thermoplastic three-phase adapter.

Power Supply

Power units built into the main body of the luminaire. For three-phase track applications, disc with clockwise and anti-clockwise rotation for spotlight selection. Release lever to insert adapter.

Accessories

- 4 mm tempered glass elliptical distribution lens.
- Chromatic filters.

Additional Information

0° - 355° vertical rotation, + 0° - 95° horizontal adjustment.

IP20 protection grade.

Insulation class I, III depending on the versions.

Suitable for installation on normally inflammable surfaces.

FLOS three-phase lighting track luminaires are designed and fully tested for tracks recommended by FLOS.

Compatibility is guaranteed with three-phase track produced by Nordic Aluminium and Eutrac. To verify compatibility with any other track, please contact FLOS before installation.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Ceiling

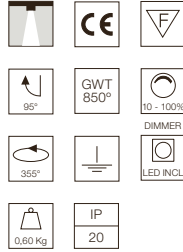
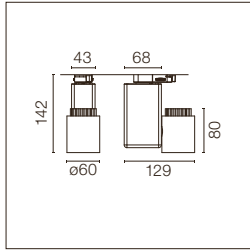


Track

FORT KNOX

Fort Knox Track

Light Source: LED Array 9,2W - 945 lm - 3000K/CRI 80 / 13,8W- 1474 lm - 3000K/CRI 80



Appareil d'éclairage pour rail triphasé à LED. Alimentation 220-240V, 50-60Hz intégrée.

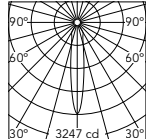
Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply included.

3000K / CRI 80

9,2W

Non Dimmable

- 09.2150.30A
- 09.2150.05A
- 09.2150.14A



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	3247	0.30
2	812	0.59
3	361	0.89
4	203	1.19
5	130	1.49

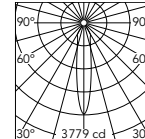
Luminous flux luminaire 834 lm

3000K / CRI 80

13,8W

Built-In Potentiometer

- 09.2160.30A
- 09.2160.05A
- 09.2160.14A



Beam Angle: 19°

h(m)	E(lx)	D(m)
1	3779	0.33
2	945	0.66
3	420	0.98
4	236	1.31
5	151	1.64

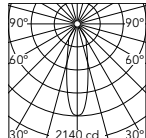
Luminous flux luminaire 1096 lm

3000K / CRI 80

9,2W

Non Dimmable

- 09.2151.30A
- 09.2151.05A
- 09.2151.14A



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	2140	0.48
2	535	0.97
3	238	1.45
4	134	1.94
5	86	2.42

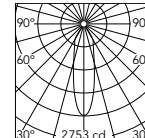
Luminous flux luminaire 860 lm

3000K / CRI 80

13,8W

Built-In Potentiometer

- 09.2161.30A
- 09.2161.05A
- 09.2161.14A



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	2753	0.48
2	688	0.95
3	306	1.43
4	172	1.91
5	110	2.38

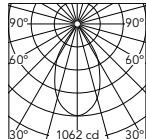
Luminous flux luminaire 1125 lm

3000K / CRI 80

9,2W

Non Dimmable

- 09.2152.30A
- 09.2152.05A
- 09.2152.14A



Beam Angle: 57°

h(m)	E(lx)	D(m)
1	1062	1.08
2	266	2.16
3	118	3.24
4	66	4.32
5	42	5.40

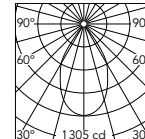
Luminous flux luminaire 831 lm

3000K / CRI 80

13,8W

Built-In Potentiometer

- 09.2162.30A
- 09.2162.05A
- 09.2162.14A



Beam Angle: 61°

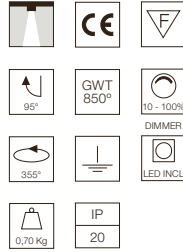
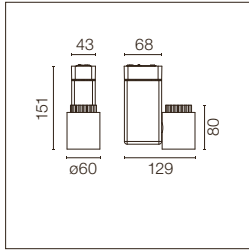
h(m)	E(lx)	D(m)
1	1305	1.17
2	326	2.34
3	145	3.51
4	82	4.68
5	52	5.85

Luminous flux luminaire 1089 lm

FORT KNOX

Fort Knox Ceiling

Light Source: LED Array 9,2W - 945 lm - 3000K/CRI 80 / 13,8W- 1474 lm - 3000K/CRI 80

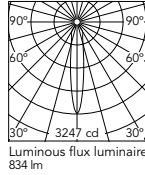


Appareil d'éclairage pour plafond/mur à LED. Alimentation 220-240V, 50-60Hz intégrée.

Spotlight to be installed on ceiling/wall with LED light source. 220-240V, 50-60Hz power supply included.

3000K / CRI 80

9,2W
Non Dimmable
09.2155.30A
09.2155.05A
09.2155.14A

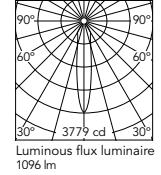


Beam Angle: 17°

h(m)	Ef(x)	D(m)
1	3247	0.30
2	812	0.59
3	361	0.89
4	203	1.19
5	130	1.49

3000K / CRI 80

13,8W
Built-In Potentiometer
09.2165.30A
09.2165.05A
09.2165.14A

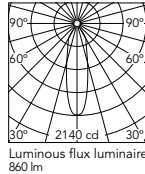


Beam Angle: 19°

h(m)	Ef(x)	D(m)
1	3779	0.33
2	945	0.66
3	420	0.98
4	236	1.31
5	151	1.64

3000K / CRI 80

9,2W
Non Dimmable
09.2156.30A
09.2156.05A
09.2156.14A

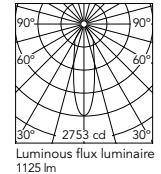


Beam Angle: 27°

h(m)	Ef(x)	D(m)
1	2140	0.48
2	535	0.97
3	238	1.45
4	134	1.94
5	86	2.42

3000K / CRI 80

13,8W
Built-In Potentiometer
09.2166.30A
09.2166.05A
09.2166.14A

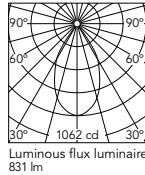


Beam Angle: 27°

h(m)	Ef(x)	D(m)
1	2753	0.48
2	688	0.95
3	306	1.43
4	172	1.91
5	110	2.38

3000K / CRI 80

9,2W
Non Dimmable
09.2157.30A
09.2157.05A
09.2157.14A

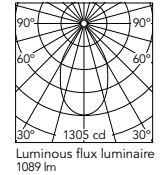


Beam Angle: 57°

h(m)	Ef(x)	D(m)
1	1062	1.08
2	266	2.16
3	118	3.24
4	66	4.32
5	42	5.40

3000K / CRI 80

13,8W
Built-In Potentiometer
09.2167.30A
09.2167.05A
09.2167.14A



Beam Angle: 61°

h(m)	Ef(x)	D(m)
1	1305	1.17
2	326	2.34
3	145	3.51
4	82	4.68
5	52	5.85

Accessoires / Accessories

Honeycomb
Honeycomb



08.8502.14

Hot light
Hot light



08.8501.69

Filtre bleu
Blue filter



08.8501.64.OD

Cold light
Cold light



08.8501.CL

Filtre bleu ciel
Sky blue filter



08.8501.65.OD

Daylight
Daylight



08.8501.DL

Filtre ambre
Amber filter



08.8501.66.OD

Neodimium
Neodimium



08.8501.ND














Filtre rouge
Red filter



08.8501.67.OD

LIGHTLIGHT® WALL
DESIGNED BY HANS BUSCHFELD

TUBE	POINT	DISC 111	B15
			
<p>LIGHT SOURCE QR-CBC 51 Clear/Frosted GX5.3 20/35/50W - OR - LED QR-CBC 51 4/7/10W</p>		<p>LIGHT SOURCE QR-111 G53 20/50/60W - OR - LED QR-111</p>	<p>LIGHT SOURCE QR-C 38 Clear/Frosted B15D 20/35W - OR - LED QR-C 38 6W 2700K/CRI 90</p>

<p><input type="checkbox"/> W Blanc W White</p>  	
<p><input type="checkbox"/> A Aluminium Anodisé A Anodized Aluminium</p>  	
<p><input type="checkbox"/> B Noir Anodisé B Anodized Black</p>  	
<p><input type="checkbox"/> P Aluminium Poli P Polished Aluminium</p>  	
	

Poster

Appareil d'éclairage universel pour tableaux, avec support ajustable. Cône anti éblouissement, Eclairage homogène. Il est recommandé de placer le rail à 2300-2770 mm. Le choix de la source lumineuse dépend de la dimension du tableau et de la distance de l'appareil au mur.

Shop

Appareil d'éclairage mural pour éclairage de tableaux, étagères et murs. La famille SHOP se distingue de la famille POSTER car elle ne dispose pas de support pour les tableaux. Il est impossible de modifier le support. Le rail LightLigh@ WALL, placé au plafond, permet d'installer la famille SHOP en suspension. Les tiges peuvent être raccourcies.

Shop-W

Appareil décoratif mural pour éclairage ponctuel sur les murs. Il convient d'être attentif au dégagement de chaleur si le rail est fixé près du plafond.

Angle

Eclairage classique de tableaux. La hauteur de la lampe et la hauteur du support tableau sont réglables. Très bonne qualité d'éclairage jusqu'à 500x700 mm. La lampe peut être ajustée pour s'adapter aux exigences d'éclairage des musées. La hauteur idéale du rail pour la famille ANGLE est de 2500-3000 mm. Dans le cas d'installation jusqu'à 3500 mm de hauteur, l'appareil peut être fourni dans des longueurs spéciales. La distance de la lampe au mur ne doit pas être modifiée. Pour les tableaux distants de plus de 700mm, il convient d'utiliser deux lampes ANGLE.

Max-W

Projecteur orientable pour éclairage de sculptures et éclairage général. Excellent anti-éblouissement. Destiné aux magasins, vitrines, musées et expositions, qui nécessitent un haut rendement lumineux. Il convient d'être attentif au dégagement de chaleur si le rail est fixé près du plafond.

Poster

Universal picture luminaire with adjustable picture hanging. Glare-free light, uniform light distribution. The ideal track height is 2300–2700 mm. The choice of light source depends on the size of the picture and the distance from the luminaire to the picture.

Shop

Wall and shelf luminaire for illumination of pictures, shelves, walls and worktop surfaces. SHOP is comparable to POSTER, but without the integral picture hanger. Retrofit of hanger not possible. The LightLight@ WALL track can also be mounted flat on the ceiling. SHOP can then be applied as a pendant luminaire. The rods can be shortened.

Shop-W

Decorative wall luminaire for scalloped accent lighting of adjacent wall area. Attractive applied in groups. Attention should be paid to thermal radiation, if the track is mounted close to the ceiling.

Angle

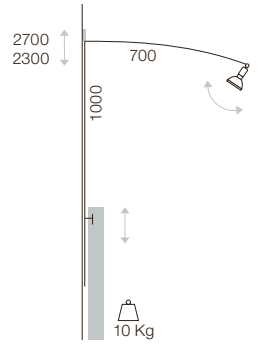
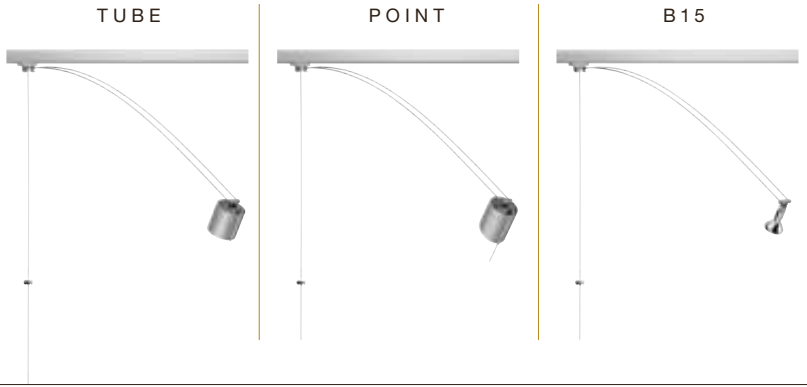
Classic picture luminaire, both height of the lamp and height of picture rod are adjustable. Extremely good illumination up to 500x700 mm format. The luminaire can be adjusted to fulfill museum lighting requirements.

The ideal track height for ANGLE is 2500–3000 mm. In the case of mounting heights of up to 3500mm the luminaire can be supplied in custom lengths. The distance of the luminaire from the wall must not be changed. For landscape pictures wider than 700mm use two ANGLE luminaires.

Max-W

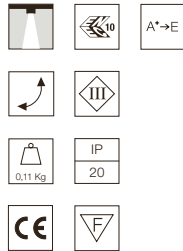
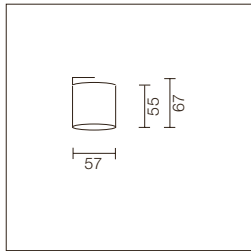
Directional spotlight for the illumination of sculptures and for general accent lighting. Excellent glare-free. For application in retail spaces, shop-windows displays, museums and exhibitions, where high lumen packages are required. Attention should be paid to thermal radiation if the track is mounted close to the ceiling.

POSTER - LIGHTLIGHT® WALL



Poster / Tube

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 4/7/10W



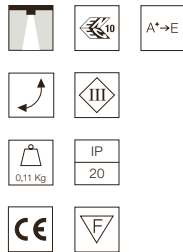
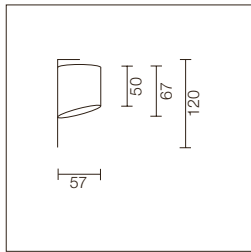
Appareil d'éclairage pour tableaux à installer sur rail mural 12V. L'adaptateur de rail et la cimaise sont compris.

Picture luminaire to be installed on 12V wall track system. Track adapter and picture-hanging rod integrated.

- BU12202W
- BU12202A
- BU12202B
- BU12202P

Poster / Point

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 4/7/10W



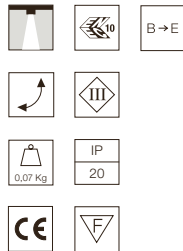
Appareil d'éclairage pour tableaux à installer sur rail mural 12V. L'adaptateur de rail et la cimaise sont compris.

Picture luminaire to be installed on 12V wall track system. Track adapter and picture-hanging rod integrated.

- BU12203W
- BU12203A
- BU12203B
- BU12203P

Poster / B15

Light Source: QR-C 38 Clear/Frosted B15d - 20/35W or LED QR-C 38 B15d - 6W - 370 lm - 2700K/CRI 90



Appareil d'éclairage pour tableaux à installer sur rail mural 12V. L'adaptateur de rail et la cimaise sont compris.

Picture luminaire to be installed on 12V wall track system. Track adapter and picture-hanging rod integrated.

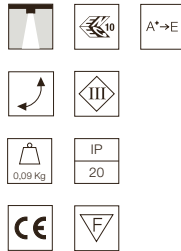
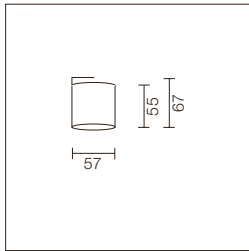
- BU12000P

SHOP - LIGHTLIGHT® WALL



Shop / Tube

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 4/7/10W



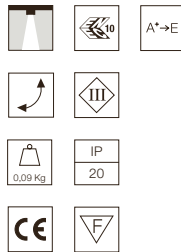
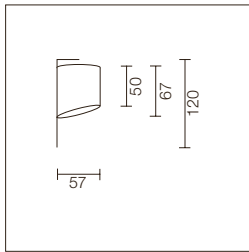
Appareil d'éclairage pour rail mural 12V. Adaptateur de rail compris.

Luminaire to be installed on 12V wall track system. Track adapter integrated.



Shop / Point

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 4/7/10W



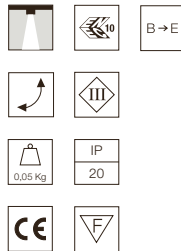
Appareil d'éclairage pour rail mural 12V. Adaptateur de rail compris.

Luminaire to be installed on 12V wall track system. Track adapter integrated.



Shop / B15

Light Source: QR-C 38 Clear/Frosted B15d - 20/35W or LED QR-C 38 B15d - 6W - 370 lm - 2700K/CRI 90



Appareil d'éclairage pour rail mural 12V. Adaptateur de rail compris.

Luminaire to be installed on 12V wall track system. Track adapter integrated.



SHOP-W - LIGHTLIGHT® WALL

TUBE

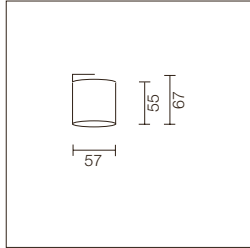


B 15



Shop-W / Tube

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 4/7/10W



Appareil d'éclairage pour rail mural 12V. Adaptateur de rail compris.

Luminaire to be installed on 12V wall track system. Track adapter integrated.



-  BU35951W
-  BU35951A
-  BU35951B
-  BU35951P



Shop-W / B15

Light Source: QR-C 38 Clear/Frosted B15d - 20/35W or LED QR-C 38 B15d - 6W - 370 lm - 2700K/CRI 90



Appareil d'éclairage pour rail mural 12V. Adaptateur de rail compris.

Luminaire to be installed on 12V wall track system. Track adapter integrated.



-  BU35900P

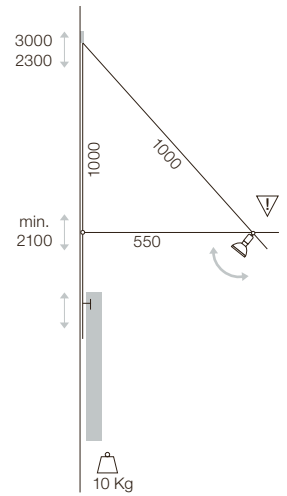
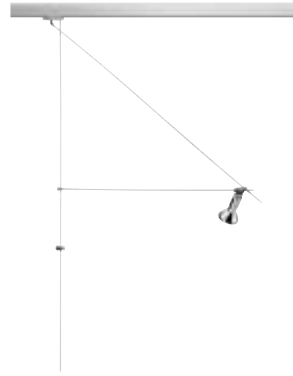


LIGHTLIGHT® WALL

Angle

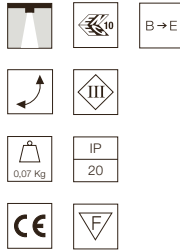
Eclairage classique de tableaux. La hauteur de la lampe et la hauteur du support tableau sont réglables. Très bonne qualité d'éclairage jusqu'à 500x500 mm. La lampe peut être ajustée pour s'adapter aux exigences d'éclairage des musées. La hauteur idéale du rail pour la famille Angle est de 2500-3000 mm. Dans le cas d'installation jusqu'à 3500mm de hauteur, l'appareil peut être fourni dans des longueurs spéciales. La distance de la lampe au mur ne doit pas être modifiée. Pour les tableaux distants de plus de 700 mm, il convient d'utiliser deux lampes Angle.

Classic picture luminaire, both height of the lamp and height of picture rod are adjustable. Extremely good illumination up to 500 x 700 mm format. The luminaire can be adjusted to fulfill museum lighting requirements. The ideal track height for Angle is 2500-3000 mm. In the case of mounting heights of up to 3500 mm the luminaire can be supplied in custom lengths. The distance of the luminaire from the wall must not be changed. For landscape pictures wider than 700 mm use two Angle luminaires.



Angle

Light Source: QR-C 38 Clear/Frosted B15d - 20/35W or LED QR-C 38 B15d - 6W - 370 lm - 2700K/CRI 90



Appareil d'éclairage pour tableaux à installer sur rail mural 12V. L'adaptateur de rail et la cimaise sont compris.

Picture luminaire to be installed on 12V wall track system. Track adapter and picture-hanging rod integrated.

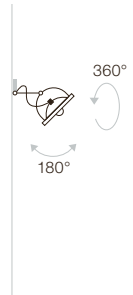
■ BU10100P

Max-W

Projecteur orientable pour éclairage de sculptures et éclairage général. Excellent anti-éblouissement. Destiné aux magasins, vitrines, musées et expositions, qui nécessitent un haut rendement lumineux. Il convient d'être attentif au dégagement de chaleur si le rail est fixé près du plafond.

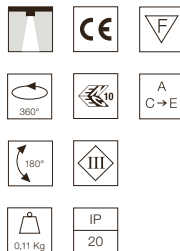
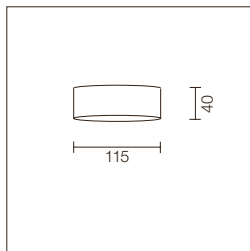
Directional spotlight for the illumination of sculptures and for general accent lighting. Excellent glare-free. For application in retail spaces, shop-windows displays, museums and exhibitions, where high lumen packages are required. Attention should be paid to thermal radiation if the track is mounted close to the ceiling.

Disc 111



Max-W / Disc 111

Light Source: QR-111 G53 - 35/60W or LED QR-111



Spot pour rail mural 12V. Adaptateur de rail compris.

Spotlight to be installed on 12V wall track system. Track adapter integrated.

■ BU60051W
■ BU60051A
■ BU60051B
■ BU60051P

Système d'Éclairage 12V, 25A pour Tableaux

LightLight® WALL est un système de rail basse tension modulable pour une installation au mur. Les rails LightLight® se clipsent facilement au mur comme des cimaises classiques. Il est conçu pour éclairer des tableaux dans différents environnements (résidentiel, bureaux, projets contract et expositions).

Un connecteur rapide et un système à vis permettent de raccorder les éléments du rail à l'alimentation électrique. Les luminaires LightLight® peut être placées n'importe où sur le rail et déplacées ou retirées sans aucun outil. Les adaptateurs universels et ajustables peuvent supporter des tableaux jusqu'à 10 kg. Les rails et les accessoires de rail sont disponibles dans quatre finitions - aluminium anodisé, aluminium poli, noir (aluminium anodisé), blanc (recouvert de poudre d'aluminium, RAL 9016 mat).

Les diffuseurs sont disponibles en aluminium mat, noir (aluminium anodisé mat), aluminium poli (poli à la main) et blanc (RAL 9016 mat). Des coloris spéciaux peuvent être réalisés sur demande.

Transformateurs

Des transformateurs électroniques et ferro-magnétiques complètent le système et garantissent la sécurité et un fonctionnement continu. Les propriétés électriques des matériaux utilisés, le design coaxial, des conducteurs de grand diamètre et des connecteurs à haute performance contribuent à offrir une faible déperdition d'énergie.

Un Design Intemporel

Le design LightLight® est clair et logique. Il est unique, durable dans le temps et tellement discret que l'œil ne s'en lasse jamais.

Les diffuseurs sont disponibles en aluminium mat, noir (aluminium anodisé mat), aluminium poli (poli à la main) et blanc (RAL 9016 mat). Des coloris spéciaux peuvent être réalisés sur demande.

Lighting System for Pictures. 12V,25A

LightLight® WALL is the modular low-voltage track system for wall mounting. LightLight® tracks are easily clipped onto the wall like conventional picture rails. Designed for picture illumination in various applications, including residential, offices, contract lighting and exhibition spaces.

A spring-cushioned plug and screw system connects the track elements to the electricity supply. LightLight® luminaires can be mounted anywhere on the installed track system, and moved or removed altogether without tools. Adjustable, universal hooks on the luminaires can take picture frames up to 10 kg (22 pounds) in weight. Track and system parts are available in four different finishes – alumatt, polished, black (anodized aluminium), white (powder-coated aluminium, RAL 9016 matt).

Shades available in matching colours – alumatt, black (matt anodized aluminium), polished (hand polished) and white (RAL 9016 matt). Custom colours available on request.

System Transformers

Electronic and magnetic safety transformers complete the system, and guarantee safe, uninterrupted operation.

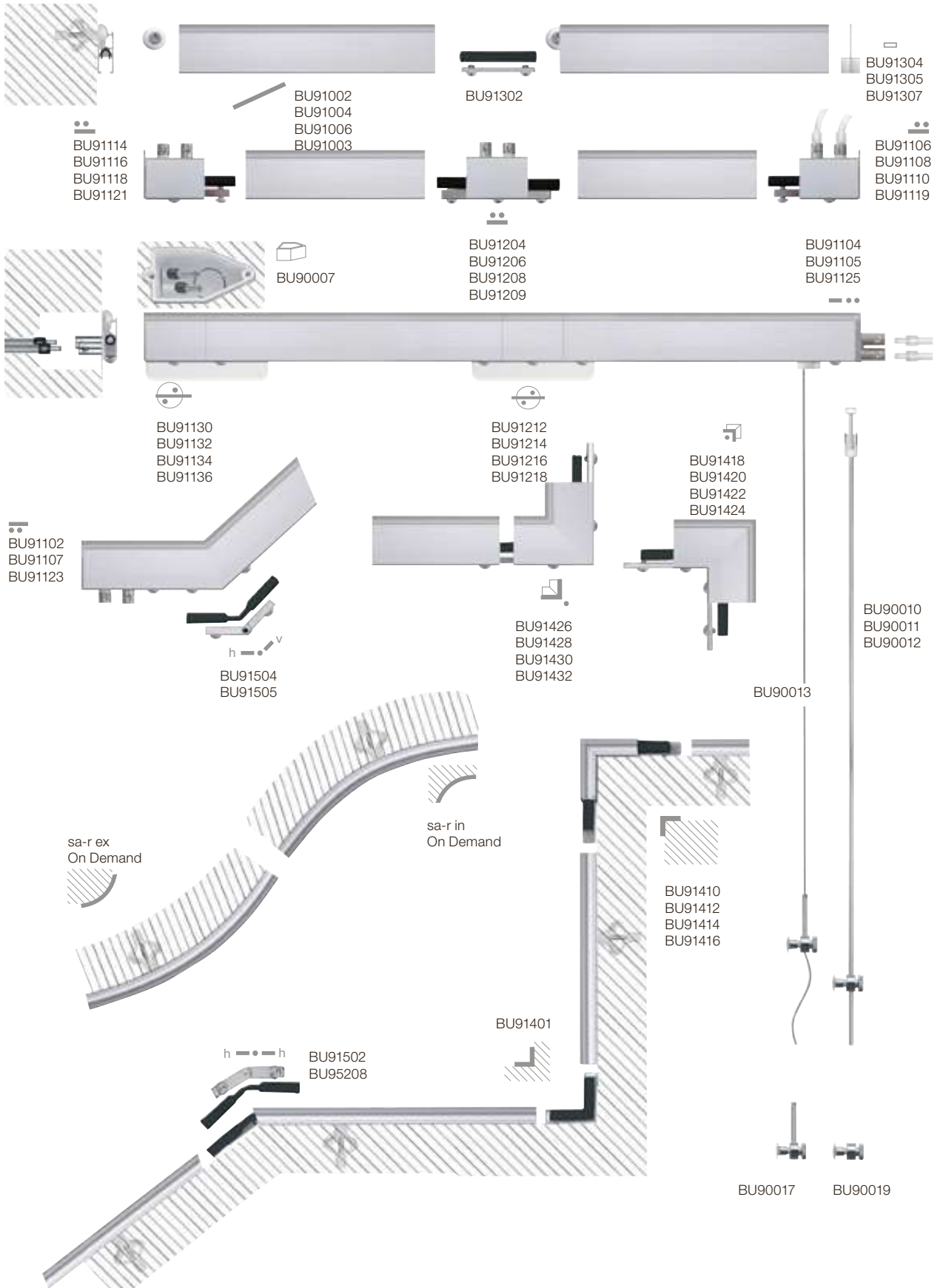
The good electrical properties of the materials used, the «coaxiale» design, large-diameter conductors and high-performance connectors make for low loss energy flow.

Long-Lasting Design

LightLight® design is logical and clear. It is unique and timeless and so discreet and unassuming that the eye will never tire of it.

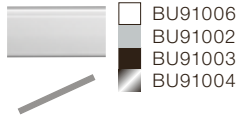


LIGHTLIGHT® WALL SYSTEM



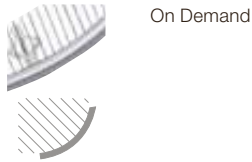
LIGHTLIGHT® WALL SYSTEM

Rail mural, L=2000, peut être recoupé sur place, éléments de fixation compris.



Wall track, L=2000, can be shortened on site, includes mounting material.

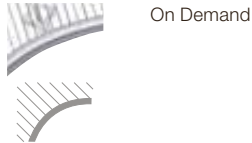
Rail courbe convexe, L=1570.



On Demand

Convex curved, track L=1570.

Rail courbe concave, L=1570.



On Demand

Concave curved, track L=1570.

Coloris personnalisés selon nuancier RAL.

On Demand

Custom colour according to RAL system.

Connecteur linéaire conducteur, L=0.



BU91302

Linear connector, conductive, L=0.

Connecteur linéaire d'isolation, L=1.



BU91305
BU91304
BU91307

Linear connector, insulating, L=1.

Élément d'angle intérieur, 90°, conducteur, L=0.



BU91401

Inner corner, 90°, conductive, L=0.



Angle externe, 90°, conducteur, L=35.



BU91414
BU91410
BU91416
BU91412

Outer corner, 90°, conductive, L=35.



Connecteur de raccordement, 80-280° horizontal/horizontal, L=0, conducteur/non-conducteur.

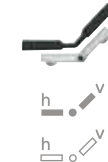


Conducteur
Conductive
BU91502

Non Conducteur
Non Conductive
BU95208

Joint connector, 80-280°, horizontal to horizontal, L=0, conductive / non-conductive.

Connecteur en échelle, 70-290° conducteur, horizontal/incliné, L=0 conducteur/non conducteur.



Conducteur
Conductive
BU91504

Non Conducteur
Non Conductive
BU91505

Stair case angle, 70-290°, conductive, horizontal to slant, L=0 conductive / non-conductive.

Connecteur en angle, 90° horizontal/vertical, conducteur, L=35 connexion du luminaire extérieure.



BU91430
BU91426
BU91432
BU91428

Angle connector, 90°, horizontal to vertical, conductive, L=35 luminaire connection on outside.

Connecteur en angle, 90° horizontal/vertical, conducteur, L=35 connexion du luminaire intérieure.



BU91422
BU91418
BU91424
BU91420

Angle connector, 90°, horizontal to vertical, conductive, L=35 luminaire connection on inside.

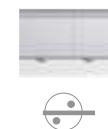
Connecteur d'alimentation terminal, comprenant 2 embouts de finition, intégré, L=35, droit.



BU91126
BU91122
BU91128
BU91124

Power feed at end, including 2 end caps, recessed, L=35, right.

Connecteur d'alimentation terminal, comprenant 2 embouts de finition, intégré, L=35, gauche.



BU91134
BU91130
BU91136
BU91132

Power feed at end, including 2 end caps, recessed, L=35, left.

Connecteur d'alimentation central, comprenant 2 embouts de finition, intégré, L=35.



BU91216
BU91212
BU91218
BU91214

Power feed in centre, including 2 end caps, recessed, L=35.

UP-socket, type Kaiser 1048-00.



BU90007

UP-socket, type Kaiser 1048-00.



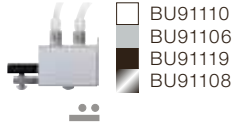
LIGHTLIGHT® WALL SYSTEM

Connecteur d'alimentation terminal axial, droit et gauche, comprenant 2 embouts de finition, L=35.



Power feed at end axial, right and left, including 2 end caps, L=35.

Connecteur d'alimentation terminal, supérieur, L=35, droit, comprenant 2 embouts de finition.



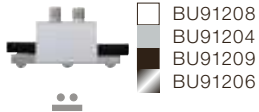
Power feed at end, top, L=35, right, including 2 end caps.

Connecteur d'alimentation terminal, supérieur, L=35, gauche, comprenant 2 embouts de finition.



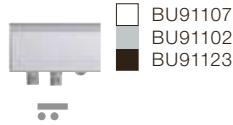
Power feed at end, top, L=35, left, including 2 end caps.

Connecteur d'alimentation central, supérieur, comprenant 2 embouts de finition, L=35.



Power feed in centre, top, including 2 end caps, L=35.

Connecteur d'alimentation terminal, inférieur, droit et gauche, comprenant 2 embouts de finition, L=0.



Power feed at end, downwards right and left, including 2 end caps, L=0.

Connecteur d'alimentation central, inférieur, comprenant 2 embouts de finition, L=0.



Power feed in centre, downwards, including 2 end caps, L=0.

Cimaise 2,6 x 1000, avec crochet pour tableau.



BU90010

Picture rod 2,6 x 1000, with picture hook.

Cimaise 2,6 x 1350, avec crochet pour tableau.

BU90011

Picture rod 2,6 x 1350, with picture hook.

Cimaise 2,6 x 2000, avec crochet pour tableau.

BU90012

Picture rod 2,6 x 2000, with picture hook.

Cimaise 1.0x1500, avec crochet pour tableau.



BU90013

Picture cord 1.0 x 1500, with picture hook.

Crochet supplémentaire pour cimaise.



BU90019

Additional picture hook for picture rod.

Crochet supplémentaire pour câble.







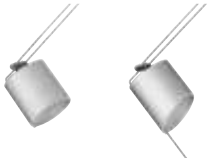

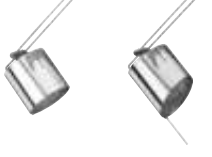











BU90017

Additional picture hook for picture cord.

LIGHTLIGHT® PEND/CEILING

DESIGNED BY HANS BUSCHFELD

TUBE	POINT	DISC 111	PINPIN	B15
				
<p>LIGHT SOURCE QR-CBC 51 Clear/Frosted GX5.3 20/35/50W - OR - LED QR-CBC 51 4/7/10W</p>		<p>LIGHT SOURCE QR-111 G53 20/50/60W - OR - LED QR-111</p>		<p>LIGHT SOURCE QR-C 38 Clear/Frosted B15D 20/35W - OR - LED QR-C 38 6W 2700K/CRI 90</p>
<p><input type="checkbox"/> W Blanc W White</p>  <p><input type="checkbox"/> A Aluminium Anodisé A Anodized Aluminium</p>  <p><input type="checkbox"/> B Noir Anodisé B Anodized Black</p>  <p><input type="checkbox"/> P Aluminium Poli P Polished Aluminium</p> 		   	   	

Flex

Spot directionnel pour éclairage général et éclairage ponctuel. Orientable à 360° et basculant à 180°. Conçu pour des installations en magasins, vitrines, musées et expositions.

Max

Spot orientable pour éclairage général et éclairage d'accent. Orientable à 360° et basculant à 180°. Il convient d'être attentif au dégagement de chaleur si le rail est fixé près du plafond. Conçu pour des installations en magasins, vitrines, musées et expositions, qui nécessitent un haut rendement.

Pinpin

Lampe suspendue pour éclairage de table et présentoir. Cône anti éblouissement. Deux lampes orientables de 0 à 25° sont contenues dans un double cylindre. L'espace idéal entre la lampe et la table est de 600-700mm. Les cimaises peuvent être raccourcies. Des longueurs spéciales peuvent être fabriquées sur demande. Lampe recommandée de 20 à 35W, 60° IRC.

Shop-V 100

Suspension pour éclairage de table ou présentoirs. La distance idéale entre le luminaire et la table est de 600 à 700 mm. Les tiges peuvent être raccourcies. Longueurs spéciales sur demande.

Spot 5

Spot directionnel pour éclairage général et éclairage ponctuel. Orientable à 360° et basculant à 180°. Conçu pour des installations en magasins, vitrines, musées et expositions.

Flex

Directional spotlight for general and accent lighting. Rotatable 360° and tiltable 180°. Designed for application in retail spaces, shop-windows displays, museums and exhibition spaces.

Max

Directional spotlight for general and accent lighting. Rotatable 360° and tiltable 180°. Attention should be paid to thermal radiation if the track is mounted close to the ceiling. Designed for application in retail spaces, shop-windows displays, museums and exhibition spaces, where high lumen packages are required.

Pinpin

Glare-free table and counter luminaire. Two adjustable (0°–25°) light sources contained in a double cylinder for extended beam spread. The ideal spacing between luminaire and table surface is 600–700mm. The rods can be shortened. Special lengths available on request. Recommended lamp 20 or 35W, 60° IRC.

Shop-V 100

Pendant luminaire for application above tables and counters. The ideal spacing between luminaire and table surface is 600 to 700 mm. Rods can be shortened. Special lengths on request.

Spot 5

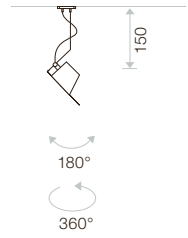
Directional spotlight for general and accent lighting. Rotatable 360° and tiltable 180°. Designed for application in retail spaces, shop-windows displays, museums and exhibition spaces.

FLEX - LIGHTLIGHT® PEND/CEILING

TUBE

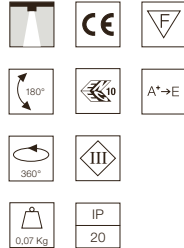
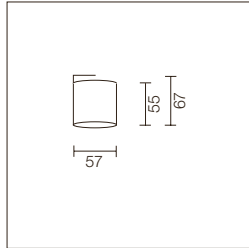
POINT

B15



Flex / Tube

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 4/7/10W



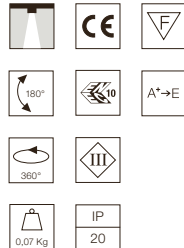
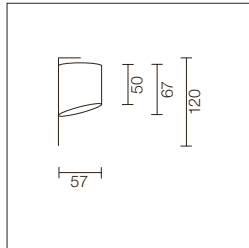
Spot pour rail 12V suspendu ou en applique. Adaptateur de rail intégré.

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.

BU32102W
 BU32102A
 BU32102B
 BU32102P

Flex / Point

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 4/7/10W



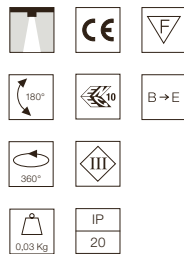
Spot pour rail 12V suspendu ou en applique. Adaptateur de rail intégré.

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.

BU32103W
 BU32103A
 BU32103B
 BU32103P

Flex / B15

Light Source: QR-C 38 Clear/Frosted B15d - 20/35W or LED QR-C 38 B15d - 6W - 370 lm - 2700K/CRI 90



Spot pour rail 12V suspendu ou en applique. Adaptateur de rail intégré.

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.

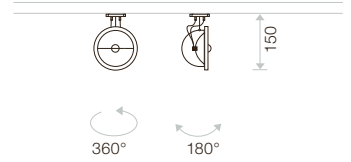
BU32000P

LIGHTLIGHT® PEND/CEILING

Max

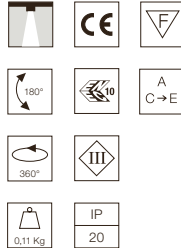
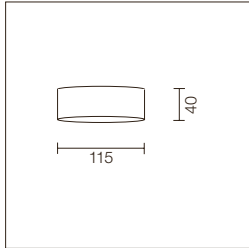
Spot orientable pour éclairage général et éclairage d'accent. Orientable à 360° et basculant à 180°. Il convient d'être attentif au dégagement de chaleur si le rail est fixé près du plafond. Conçu pour des installations en magasins, vitrines, musées et expositions, qui nécessitent un haut rendement.

Directional spotlight for general and accent lighting. Rotatable 360° and tiltable 180°. Attention should be paid to thermal radiation if the track is mounted close to the ceiling. Designed for application in retail spaces, shop-windows displays, museums and exhibition spaces, where high lumen packages are required.



Max / Disc 111

Light Source: QR-111 G53 - 35/50/60W or LED QR-111



Spot pour rail 12V suspendu ou en applique. Adaptateur de rail intégré.

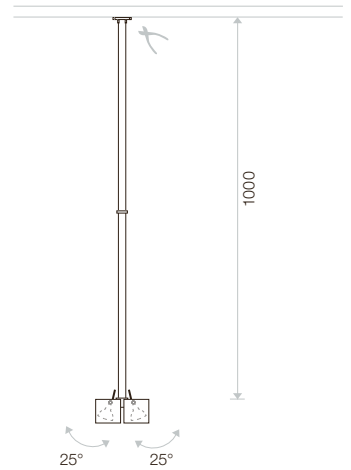
Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.

BU60050W
 BU60050A
 BU60050B
 BU60050P

Pinpin

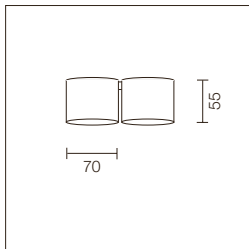
Lampe suspendue pour éclairage de table et présentoir. Cône anti-éblouissement. Deux lampes orientables de 0 à 25° sont contenues dans un double cylindre. L'espace idéal entre la lampe et la table est de 600-700 mm. Les cimaises peuvent être raccourcies. Des longueurs spéciales peuvent être fabriquées sur demande. Lampe recommandée de 20 à 35W, 60° IRC.

Glare-free table and counter luminaire. Two adjustable (0°-25°) light sources contained in a double cylinder for extended beam spread. The ideal spacing between luminaire and table surface is 600-700 mm. The rods can be shortened. Special lengths available on request. Recommended lamp 20 or 35W, 60° IRC.



Pinpin

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35W or LED QR-CBC 51 GX5.3 - 4W



Luminaire pour éclairage de table ou présentoir sur rail 12V suspendu ou en applique. Adaptateur de rail intégré.

Table and counter luminaire to be installed on 12V pending or ceiling track system. Track adapter integrated.

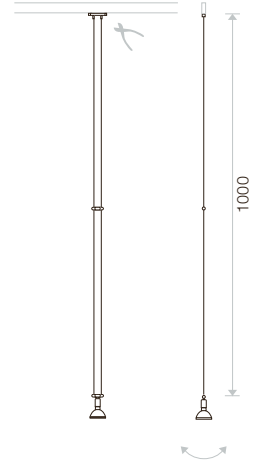
BU33000W
 BU33000A
 BU33000B
 BU33000P

SHOP-V 100 - LIGHTLIGHT® PEND/CEILING

TUBE

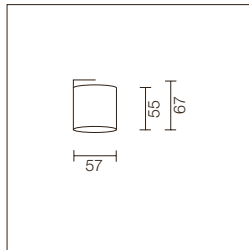


B15



Shop-V 100 / Tube

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 4/7/10W



Luminaire pour éclairage de table ou présentoir sur rail 12V suspendu ou en applique. Adaptateur de rail intégré.

Table and counter luminaire to be installed on 12V pending or ceiling track system. Track adapter integrated.

- BU35602W
- BU35602A
- BU35602B
- BU35602P

Shop-V 100 / B15

Light Source: QR-C 38 Clear/Frosted B15d - 20/35W or LED QR-C 38 B15d - 6W - 370 lm - 2700K/CRI 90



Luminaire pour éclairage de table ou présentoir sur rail 12V suspendu ou en applique. Adaptateur de rail intégré.

Table and counter luminaire to be installed on 12V pending or ceiling track system. Track adapter integrated.

- BU35500P

SPOT 5 - LIGHTLIGHT® PEND/CEILING

Spot 5 / B15


Light Source: QR-C 38 Clear/Frosted B15d - 20/35W or LED QR-C 38 B15d - 6W - 370 lm - 2700K/CRI 90



Spot pour rail 12V suspendu ou en applique. Adaptateur de rail intégré.

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.



 BU32302P

LIGHTLIGHT® PEND SYSTEM

LightLight® PEND est un système de rails basse tension pour installation en suspension. Modulable et d'utilisation très simple. Le rail est suspendu au plafond par des câbles en acier.

System. 12V, 25A

Un connecteur rapide et un système de vis raccorde les éléments du rail à l'alimentation électrique. Les spots LightLight® et les suspensions LightLight® peuvent être installés partout sur les rails et être retirés sans aucun outil. Le rail et les accessoires sont disponibles en quatre finitions - aluminium anodisé, aluminium poli, noir (aluminium anodisé), blanc (recouvert de poudre d'aluminium), coloris RAL 9016 mat.

Les diffuseurs sont disponibles en aluminium mat, noir (aluminium anodisé mat), aluminium poli (poli à la main) et blanc (RAL 9016 mat). Des coloris spéciaux peuvent être réalisés sur demande.

Un câble d'alimentation de 230V peut être raccordé de manière invisible sur le canal supérieur du rail basse tension pour alimenter, par exemple, un transformateur, si l'alimentation au plafond est trop éloignée de l'installation (sur demande).

La Sécurité par les Transformateurs

Des transformateurs électroniques et ferro-magnétiques complètent le système et garantissent un fonctionnement permanent en toute sécurité.

Les propriétés électriques des matériaux utilisés, le design coaxial, des conducteurs de grand diamètre et des connecteurs à haut rendement contribuent à offrir une faible déperdition d'énergie.

Un Design Intemporel

Le design LightLight® est clair et logique. Il est unique, durable dans le temps et tellement discret que l'œil ne s'en lasse jamais.

LightLight® PEND is the maintenance-friendly, modular low-voltage track system for pendant mounting. The track is suspended from the ceiling via steel cables.

System. 12V, 25A

A spring-cushioned plug and screw system connects the track elements to the electricity supply. LightLight® spots and LightLight® pendants can be mounted anywhere on the installed track system, and moved or removed altogether without tools.

Track and system parts are available in four different finishes – alumatt, polished, black (anodized aluminium), white (powder-coated aluminium, RAL 9016 matt). Shades available in matching colours – alumatt, black (matt anodized aluminium), polished (hand polished) and white (RAL 9016 matt). Custom colours available on request.

A 230V mains lead can be fed invisibly in the upper low voltage track channel to supply, for example, a system transformer, if the ceiling outlet lies unfavourably (on request).

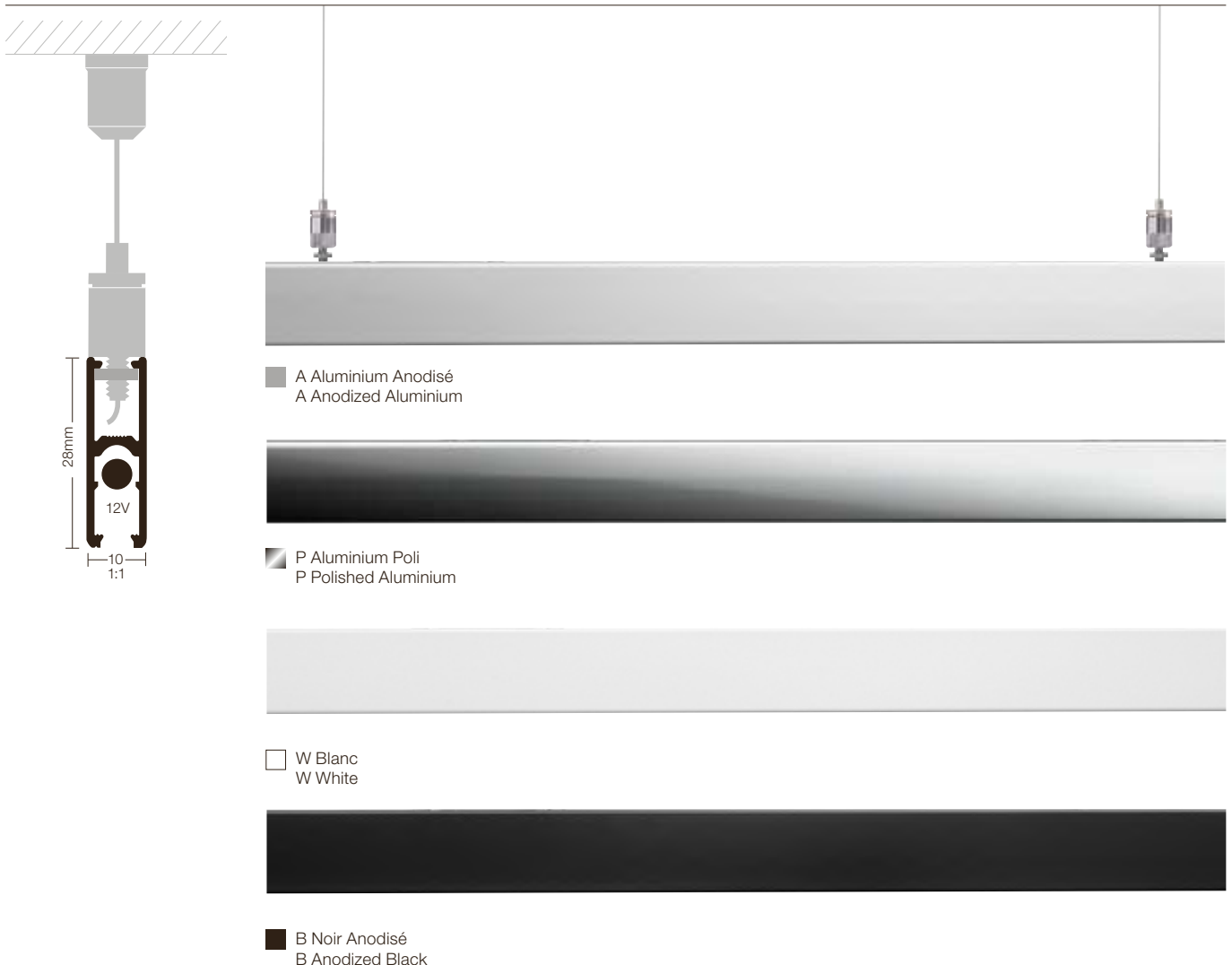
Safety through System Transformers

Electronic and magnetic safety transformers complete the system, and guarantee safe, uninterrupted operation.

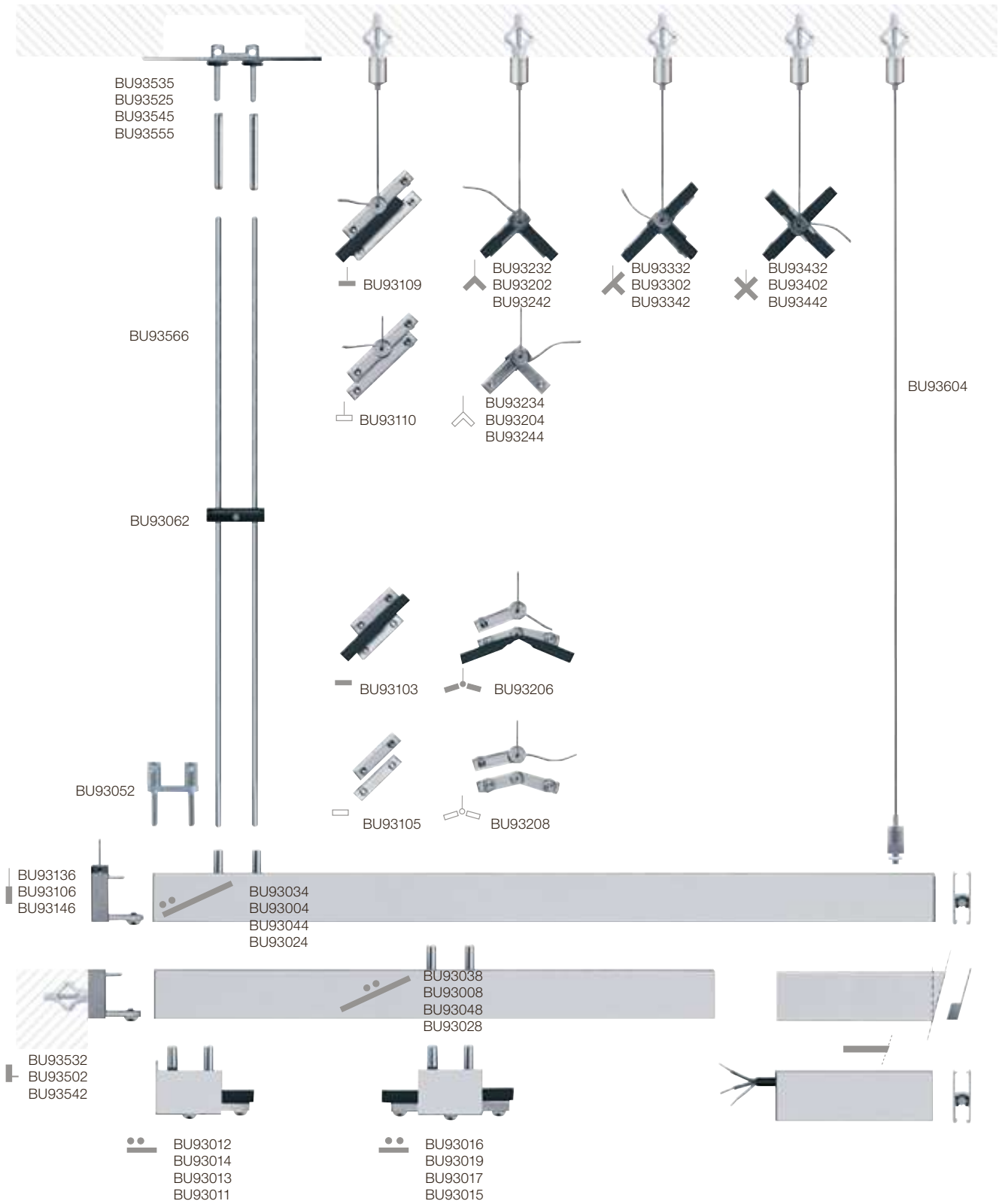
The good electrical properties of the materials used, the «coaxial» design, large-diameter conductors and high-performance connectors make for low loss energy flow.

Safety through Long-Lasting Design

LightLight® design is logical and clear. It is unique and timeless and so discreet and unassuming that the eye will never tire of it.

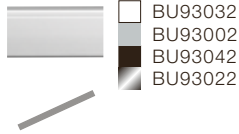


LIGHTLIGHT® PEND SYSTEM



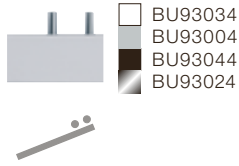
LIGHTLIGHT® PEND SYSTEM

Rail suspendu, L=2000, sans câble de suspension. Peut être raccourci sur place.



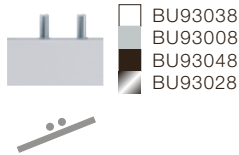
Pendant track, L=2000, without cable suspension. Can be shortened on site.

Rail suspendu avec alimentation, L=2000, sans câble de suspension. Ne peut être raccourci sur place. Avec 2 embouts de finition et 1 embout d'alimentation, L=2000, à recouper en sections. Droit ou gauche.



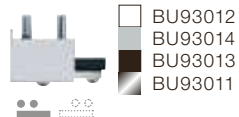
Pendant track with power feed, L=2000, without cable suspension. Cannot be shortened on site. With 2 end caps and 1 power rod, L=2000, can be cut into sections. Right or left.

Rail suspendu avec alimentation, L=2000, sans câble de suspension. Ne peut être raccourci sur place. Avec 2 embouts de fermeture et 1 embout d'alimentation, L=2000, à recouper en sections. Central.



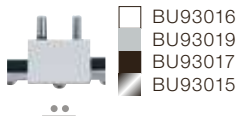
Pendant track with power feed, L=2000, without cable suspension. Cannot be shortened on site. With 2 end caps and 1 power rod, L=2000, can be cut into sections. Centre.

Embout d'alimentation comprenant 2 embouts de finition, supérieur, L=35mm, avec connexions rapides pour tiges. Droit ou gauche.



Power feed, including 2 end caps, top, L=35, with plug-type connection for rods. Right or left.

Embout d'alimentation comprenant 2 embouts de finition, supérieur, L=35mm, avec connexions rapides pour tiges. Central.



Power feed, including 2 end caps, top, L=35, with plug-type connection for rods. Centre.

Embout d'alimentation comprenant 2 embouts de finition, axial, droit et gauche, L=35, connection à vis.



Power feed, including 2 end caps, axial, L=35, right or left, screw connection.

Rail courbe, L=1570. Sans connecteur d'alimentation. Peut être raccourci sur place.



On Demand

Track curved, L=1570. Without power feed can be shortened on site.

Rail courbe, L=1570. Avec connecteur d'alimentation gauche. Ne peut pas être raccourci sur place.



On Demand

Track curved, L=1570. With power feed left cannot be shortened on site.

Rail courbe, L=1570. Avec connecteur d'alimentation droit. Ne peut pas être raccourci sur place.



On Demand

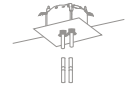
Track curved, L=1570. With power feed right cannot be shortened on site.

Coloris spéciaux selon nuancier RAL.

On Demand

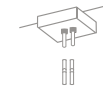
Custom colour according to RAL system.

Canopy avec plug-in pour les tiges, avec plaque de recouvrement 100x100. Encastré.



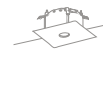
LV-canopy, with plug-in coupling for power rods, cover plate 100x100. Recessed.

Canopy avec plug-in de connexion pour les tiges, avec plaque de recouvrement 100x100. En surface.



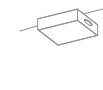
LV-canopy, with plug-in coupling for power rods, cover plate 100x100. Surface-mounted.

Boîtier de dérivation pour alimentation électrique directe, avec plaque de recouvrement 100x100. Encastré.



Ceiling distribution box for mains supply, with cover plate 100x100. Recessed.

Boîtier de dérivation pour alimentation électrique directe, plaque de finition 100x100. En surface.



Ceiling distribution box for mains supply, with cover plate 100x100. Surface-mounted.

Tige, L=2000, peut être recoupée en sections.



BU93566

Power rod, L=2000, can be cut into sections.

LIGHTLIGHT® PEND SYSTEM

Pièce de raccordement pour tiges de plus d'1 mètre.



BU93062

Spacer for power rods longer than 1 metre.

Connecteur mâle avec connexion à vis.



BU93052W
BU93052A
BU93052B

Male connector for power feed, screw terminal.

Connecteur linéaire L=0. Avec câble L=1500. Conducteur.



BU93109

Linear connector L=0. With cord, L=1500. Conductive.

Connecteur linéaire, L=0. Avec câble L=1500. Non conducteur.



BU93110

Linear connector L=0. With cord, L=1500. Non-conductive.

Connecteur linéaire L=0 Sans câble. Conducteur.



BU93103

Linear connector L=0. Without cord. Conductive.

Connecteur linéaire L=0 Sans câble. Non conducteur.



BU93105

Linear connector L=0. Without cord. Non-conductive.

Connecteur d'angle 90°, L=10. Avec câble, L=1500. Conducteur.



BU93232
BU93202*
BU93242

Angle connector 90°, L=10. With cord, L=1500. Conductive.

Connecteur d'angle 90°, L=10. Avec câble, L=1500. Non conducteur.



BU93234
BU93204
BU93244

Angle connector 90°, L=10. With cord, L=1500. Non-conductive.

Connecteur 80-280°, L=0. Avec câble, L=1500 coupe en onglet sur place. Conducteur.



BU93206

Joint connector 80-280°, L=0. With cord, L=1500, mitre cut on site. Conductive.

Connecteur 80-280°, L=0. Avec câble, L=1500, coupe en onglet sur place. Non conducteur.



BU93208

Joint connector 80-280°, L=0. With cord, L=1500, mitre cut on site. Non-conductive.

Connecteur en T, L=10. Avec câble, L=1500. Conducteur de 3 lignes. Conducteur.



BU93332
BU93302*
BU93342

T-connector, L=10. With cord, L=1500. Three-way conductive.

Connecteur en croix, L=10. Avec câble, L=1500. Conducteur de 4 lignes.



BU93432
BU93402*
BU93442

Cross connector, L=10. With cord, L=1500. Four-way conductive.

Câble de suspension, L=1500. Peut se positionner où on le souhaite.



BU93604

Cable suspension, L=1500. Can be positioned as required.

Embout de finition, L=10. Avec câble, L=1500.



BU93136
BU93106*
BU93146

End element, L=10. With cord, L=1500.

Fixation murale, L=10. Avec vis et prise murale.



BU93532
BU93502*
BU93542

Wall fastener, L=10. With screw and wall plug.

* Utiliser la même référence aussi pour la finition en aluminium poli.
Use the same article code also for the polished aluminum finish.

LIGHTLIGHT® CEILING SYSTEM

LightLight® CEILING est un système de rail basse tension à fixer au plafond. Le rail s'installe en surface à l'aide d'adaptateurs.

System. 12V, 25A

Un connecteur avec ressort d'amortissement et un système à vis, raccorde es éléments du rail à l'alimentation électrique. Les spots et suspensions LightLight® peuvent être placés ou déplacés n'importe où sur le rail ou être retirés sans aucun outil. Le rail et ses accessoires sont disponibles dans quatre finitions différentes - aluminium anodisé, aluminium poli, noir (aluminium anodisé), blanc (recouvert de poudre d'aluminium, RAL 9016 mat). Coloris spéciaux disponibles sur demande.

Les diffuseurs sont disponibles en aluminium mat, noir (aluminium anodisé mat), aluminium poli (poli à la main) et blanc (RAL 9016 mat). Des coloris spéciaux peuvent être réalisés sur demande.

Un câble d'alimentation de 230V peut être raccordé de manière invisible sur le canal supérieur du rail basse tension pour alimenter, par exemple, un transformateur, si l'alimentation au plafond est trop éloignée de l'installation (sur demande).

La Sécurité par les Transformateurs

Des transformateurs électroniques et ferro-magnétiques complètent le système et garantissent un fonctionnement permanent en toute sécurité. Les propriétés électriques des matériaux utilisés, le design coaxial, des conducteurs de grand diamètre et des connecteurs à haut rendement contribuent à offrir une faible déperdition d'énergie.

Un Design Intemporel

Le design LightLight® est clair et logique. Il est unique, durable dans le temps et tellement discret que l'œil ne s'en lasse jamais.

LightLight® CEILING is a maintenance-friendly, modular low-voltage track system for surface mounting on the ceiling. The track is surface-mounted on the ceiling using bolt adapters.

System. 12V, 25A

A spring-cushioned plug and screw system connects the track elements to the electricity supply. LightLight® spots and LightLight® pendants can be mounted anywhere on the installed track system, and moved or removed altogether without tools.

Track and system parts are available in four different finishes – alumatt, polished, black (anodized aluminium), white (powder-coated aluminium, RAL 9016 matt). Shades available in matching colours – alumatt, black (matt anodized aluminium), polished (hand polished) and white (RAL 9016 matt). Custom colours available on request. A 230V mains lead can be fed invisibly in the upper low voltage track channel to supply, for example, a system transformer, if the ceiling outlet lies unfavourably (on request).

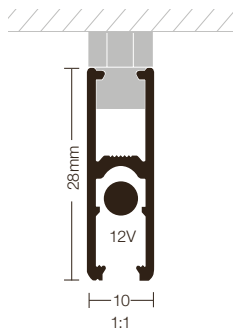
Safety through System Transformers

Electronic and magnetic safety transformers complete the system, and guarantee safe, uninterrupted operation.

The good electrical properties of the materials used, the «coaxiale» design, large-diameter conductors and high-performance connectors make for low loss energy flow.

Safety through Long-Lasting Design

LightLight® design is logical and clear. It is unique and timeless and so discreet and unassuming that the eye will never tire of it.



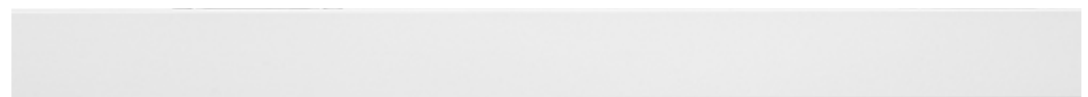
■ A Aluminium Anodisé
A Anodized Aluminium



■ P Aluminium Poli
P Polished Aluminium



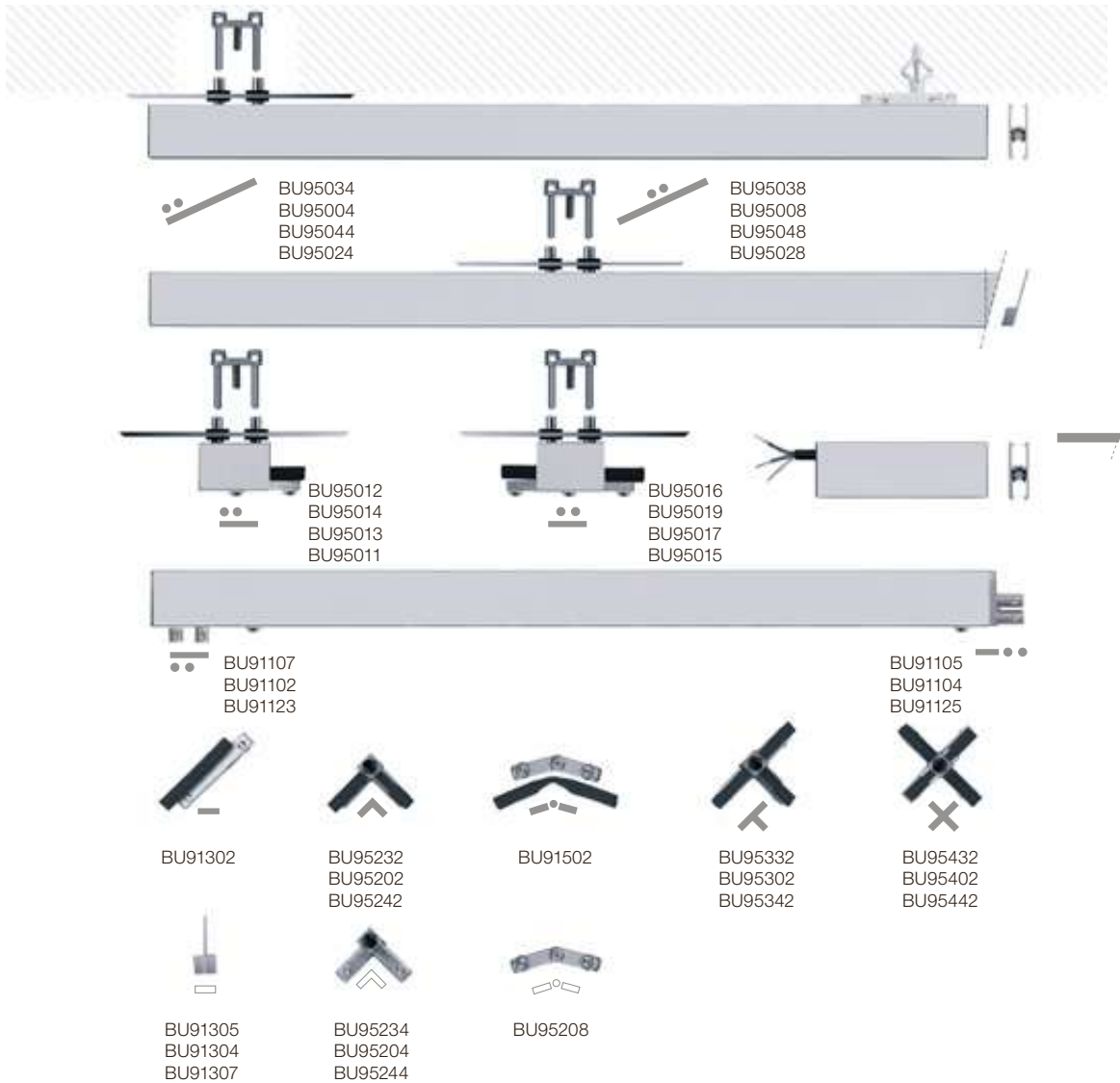
□ W Blanc
W White



■ B Noir Anodisé
B Anodized Black

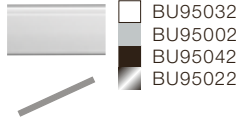


LIGHTLIGHT® CEILING SYSTEM



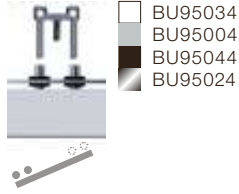
LIGHTLIGHT® CEILING SYSTEM

Rail de surface, L=1200.
Peut être coupé sur place,
matériel de montage compris.



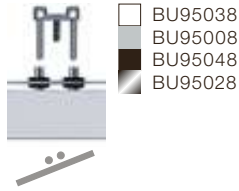
Ceiling track, L=2000. Can be
shortened on site, incl. mounting
material.

Rail de surface avec
alimentation, L=1200. Ne peut
être coupé sur place. Plaque
de finition 100x100 avec
alimentation à vis. Droit ou
gauche.



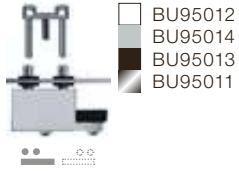
Ceiling track with power feed,
L=2000. Cannot be shortened.
With cover plate 100x100, plug
with screw terminal.
Right or left.

Rail de surface avec
alimentation, L=1200. Ne peut
être coupé sur place. Plaque
de finition 100x100 avec
alimentation à vis. Central.



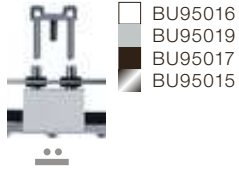
Ceiling track with power feed,
L=2000. Cannot be shortened.
With cover plate 100x100, plug
with screw terminal. Centre.

Connecteur d'alimentation,
L=35. Avec plaque de finition
100x100, alimentation
à vis. Droit ou gauche.



Power feed, L=35. With cover
plate 100x100, plug with screw
terminal. Right or left.

Connecteur d'alimentation,
L=35. Avec plaque de finition
100x100, alimentation
à vis. Central.



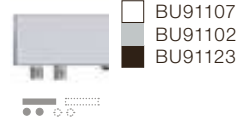
Power feed, L=35. With cover
plate 100x100, plug with screw
terminal. Centre.

Connecteur d'alimentation,
L=35. Droit ou gauche, avec
alimentation à vis, pour câble
tressé. Axial.



Power feed, L=35. Right or left,
with screw terminal, for stranded
cable. Axial.

Connecteur d'alimentation,
L=35. Droit ou gauche, avec
alimentation à vis. Inférieur.



Power feed, L=35. Right or
left, with screw terminal, for
stranded cable. Downwards.

Rail courbe, L=1570. Sans
connecteur d'alimentation. Peut
être raccourci sur place.



On Demand

Track curved, L=1570. Without
power feed can be shortened
on site.

Rail courbe, L=1570. Avec
connecteur d'alimentation
gauche. Ne peut être raccourci
sur place.



On Demand

Track curved, L=1570. With
power feed left cannot be
shortened on site.

Rail courbe, L=1570. Avec
connecteur d'alimentation droit.
Ne peut être raccourci sur
place.



On Demand

Track curved, L=1570. With
power feed right cannot be
shortened on site.

Coloris spéciaux selon nuancier
RAL.

On Demand

Custom colour according to
RAL system.

Connecteur linéaire conducteur,
L=0.



BU91302

Linear connector conductive,
L=0.

Connecteur linéaire d'isolation,
L=0.



BU91305
BU91304*
BU91307

Linear connector insulating, L=0.

Connecteur d'angle de 90°,
L=10. Conducteur.



BU95232
BU95202*
BU95242

Angle connector 90°, L=10.
Conductive.

Connecteur d'angle de 90°,
L=10. Non conducteur.



BU95234
BU95204*
BU95244

Angle connector 90°, L=10.
Non-conductive.

* Utiliser la même référence aussi pour la finition en aluminium poli.
Use the same article code also for the polished aluminum finish.

LIGHTLIGHT® CEILING SYSTEM

Connecteur 80-280°, L=0.
Coupe en onglet sur place.
Conducteur.



BU91502

Joint connector 80-280°, L=0.
Mitre cut on site required.
Conductive.

Connecteur 80-280°, L=0.
Coupe en onglet sur place.
Non conducteur.



BU95208

Joint connector 80-280°,
L=0. Mitre cut on site
required. Non-conductive.

Connecteur en T, L=10.
Connexion 3 lignes.



BU95332
BU95302*
BU95342

T-connector, L=10. Three-way
conductive.

Connecteur en croix, L=10.
Connexion 4 lignes.



BU95432
BU95402*
BU95442

Cross connector, L=10. Four-
way conductive.

* Utiliser la même référence aussi pour la finition en aluminium poli.
Use the same article code also for the polished aluminum finish.

LightLight® IN est un système de rail encastré à très basse tension, d'entretien facile, qui utilise les nouveaux composants Soft Architecture pour les plaques en plâtre à installer au mur ou au plafond.

System. 12V, 25A

Un connecteur avec ressort d'amortissement et un système à vis, raccorde les éléments du rail à l'alimentation électrique. Les spots et suspensions LightLight® peuvent être placés ou déplacés n'importe où sur le rail ou être retirés sans aucun outil. Le rail et ses accessoires sont disponibles dans quatre finitions différentes - aluminium anodisé, aluminium poli, noir (aluminium anodisé), blanc (recouvert de poudre d'aluminium, RAL 9016 mat). Coloris spéciaux disponibles sur demande.

Les diffuseurs sont disponibles en aluminium mat, noir (aluminium anodisé mat), aluminium poli (poli à la main) et blanc (RAL 9016 mat). Des coloris spéciaux peuvent être réalisés sur demande.

La Sécurité par les Transformateurs

Des transformateurs électroniques et ferro-magnétiques complètent le système et garantissent un fonctionnement permanent en toute sécurité. Les propriétés électriques des matériaux utilisés, le design coaxial, des conducteurs de grand diamètre et des connecteurs à haut rendement contribuent à offrir une faible déperdition d'énergie.

Un Design Intemporel

Le design LightLight® est clair et logique. Il est unique, durable dans le temps et tellement discret que l'œil ne s'en lasse jamais.

LightLight® IN is a maintenance-friendly, modular low-voltage track system for recessed mounting, using the new soft architecture components for gypsum plaster boards on walls or ceilings.

System. 12V, 25A

A spring-cushioned plug and screw system connects the track elements to the electricity supply. LightLight® spots and LightLight® pendants can be mounted anywhere on the installed track system, and moved or removed altogether without tools.

Track and system parts are available in four different finishes – alumatt, polished, black (anodized aluminium), white (powder-coated aluminium, RAL 9016 matt). Shades available in matching colours – alumatt, black (matt anodized aluminium), polished (hand polished) and white (RAL 9016 matt). Custom colours available on request.

Safety through System Transformers

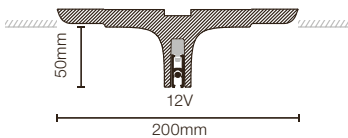
Electronic and magnetic safety transformers complete the system, and guarantee safe, uninterrupted operation.

The good electrical properties of the materials used, the «coaxiale» design, large-diameter conductors and high-performance connectors make for low loss energy flow.

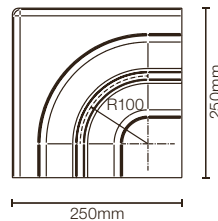
Safety through Long-Lasting Design

LightLight® design is logical and clear. It is unique and timeless and so discreet and unassuming that the eye will never tire of it.

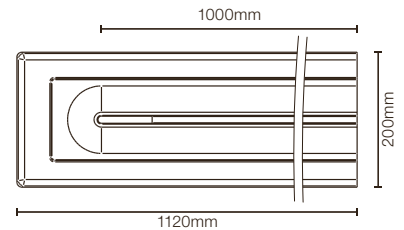
Profile Surface 2M
SA.2222.1



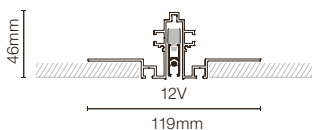
Corner Surface
SA.2226.1



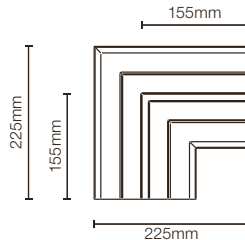
End cap Surface
SA.2225.1



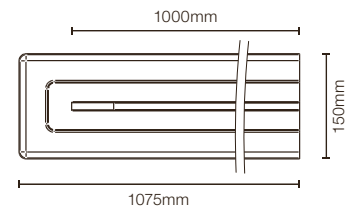
Profile Flushed 2M
SA.2212.1



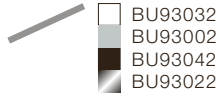
Corner Flushed
SA.2216.1



End cap Flushed
SA.2215.1



Rail encastré, L=2000. Peut être coupé sur place, matériel de montage non compris.



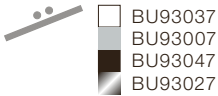
Track for recessed mounting, L=2000. Can be shortened on site. Without mounting set.

Rail encastré avec alimentation à vis, ne peut être coupé sur place. Comprenant 2 embouts de finition. Droit ou gauche, L=2000. Matériel de montage non compris.



Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=2000. Without mounting set.

Rail encastré avec alimentation à vis, ne peut être coupé sur place. Comprenant 2 embouts de finition. Central, L=2000. Matériel de montage non compris.



Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Centre, L=2000. Without mounting set.

Rail encastré avec alimentation à vis, ne peut être coupé sur place. Comprenant 2 embouts de finition. Droit ou gauche, L=660. Matériel de montage non compris.



Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=660. Without mounting set.

Rail encastré avec alimentation à vis, ne peut être coupé sur place. Comprenant 2 embouts de finition. Droit ou gauche, L=330. Matériel de montage non compris.



Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=330. Without mounting set.

Embout d'alimentation comprenant 2 embouts de finition, supérieur, L=35mm, connection à vis. Droit ou gauche.



Power feed, including 2 end caps. Top, L=35, with screw connection. Right or left.

Embout d'alimentation comprenant 2 embouts de finition, supérieur, L=35mm, connection à vis. Central.



Power feed, including 2 end caps. Top, L=35, with screw connection. Centre.

Connecteur linéaire conducteur, L=0. BU91302

Linear connector conductive, L=0.

Connecteur linéaire d'isolation, L=1. BU91305
BU91304*
BU91307

Linear connector insulating, L=1.

Connecteur linéaire d'isolation, L=1. Conducteur
BU91313 Non Conductive
BU91315








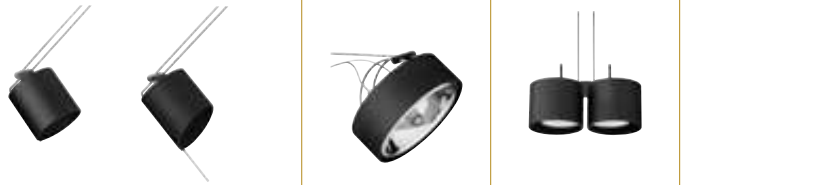

Connecteur d'angle de 90°, L=0. Coupe en onglet lors de l'installation. Conducteur
BU93119W
BU93119A
BU93119B
BU93119P

Connector for corner surface SA.2226.1.

Non Conducteur
BU93121W
BU93121A
BU93121B
BU93121P

* Utiliser la même référence aussi pour la finition en aluminium poli.
Use the same article code also for the polished aluminum finish.

LIGHTLIGHT® MONO
DESIGNED BY HANS BUSCHFELD

TUBE	POINT	DISC 111	PINPIN	B15
 <p>LIGHT SOURCE QR-CBC 51 Clear/Frosted GX5.3 20/35/50W - OR - LED QR-CBC 51 4/7/10W</p>	 <p>LIGHT SOURCE QR-111 G53 20/50/60W - OR - LED QR-111</p>	 <p>LIGHT SOURCE QR-111 G53 20/50/60W - OR - LED QR-111</p>	 <p>LIGHT SOURCE QR-CBC 51 Clear/Frosted GX5.3 20/35W - OR - LED QR-CBC 51 4W</p>	 <p>LIGHT SOURCE QR-C 38 Clear/Frosted B15D 20/35W - OR - LED QR-C 38 6W 2700K/CRI 90</p>
<p><input type="checkbox"/> W Blanc W White</p>				
				
<p><input type="checkbox"/> A Aluminium Anodisé A Anodized Aluminium</p>				
				
<p><input type="checkbox"/> B Noir Anodisé B Anodized Black</p>				
				
<p><input type="checkbox"/> P Aluminium Poli P Polished Aluminium</p>				
				

Shop Mono

Luminaire mural et suspendu pour éclairage général et installation en surface ou encastré. Luminaire encastré fourni avec boîtier mural et plaque de finition. Le transformateur doit être commandé séparément. La version en surface est fournie avec un transformateur électronique dimmable.

Max Mono

Projecteur orientable d'éclairage général et d'accent à encastrer ou à installer en applique. La version encastrable est fournie avec un boîtier d'installation et un couvercle. Le transformateur doit être commandé séparément. La version applique est fournie avec un transformateur électronique réglable et intégral.

Pinpin Mono

Luminaire suspendu pour éclairage en surface ou encastré. Deux lampes ajustables (0 à 25°) sont contenues dans un double cylindre. Luminaire encastré fourni avec boîtier mural et plaque de finition. Le transformateur doit être commandé séparément. La version en surface est fournie avec un transformateur électronique dimmable. Lampe recommandée 35W, 60° IRC.

Shop Mono

Wall and pendant luminaire for general and accent lighting for recessed or surface mounting. Recessed luminaire supplied with wall box and cover plate. Transformer to be ordered separately. Surface-mounted version supplied with integral dimmable electronic transformer.

Max Mono

Directional spotlight for general and accent lighting for recessed or surface mounting. Recessed luminaire supplied with wall box and cover plate. Transformer to be ordered separately. Surface-mounted version supplied with integral dimmable electronic transformer.

Pinpin Mono

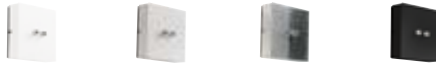
Glare-free table and counter luminaire for recessed or surface mounting. Two adjustable (0°–25°) light sources contained in a double cylinder for extended beam spread. Recessed luminaire supplied with wall box and cover plate. Transformer to be ordered separately. Surface-mounted version with dimmable electronic transformer. Recommended lamp 35W, 60° IRC.

Installation Wall-Mounted

Recessed



Surface



Installation Ceiling-Mounted

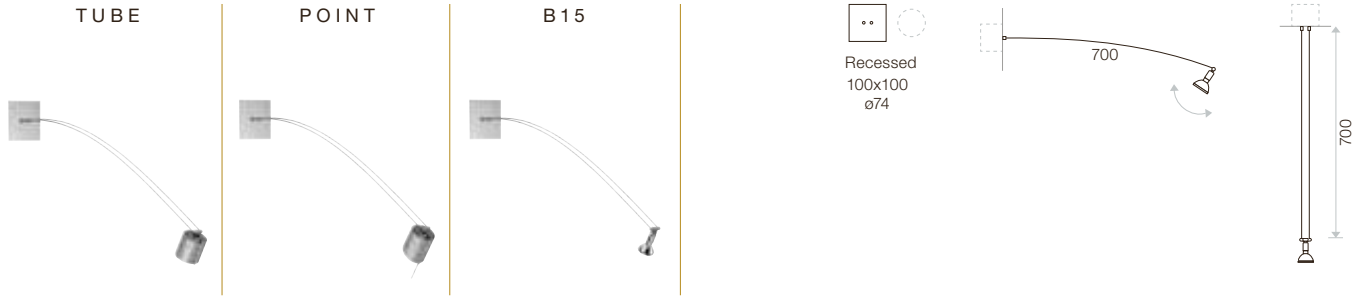
Recessed



Surface

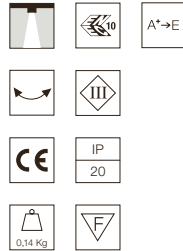
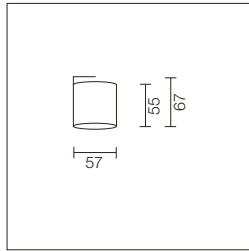


SHOP MONO RECESSED - LIGHTLIGHT® WALL



Shop Mono / Tube Recessed

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 4/7/10W



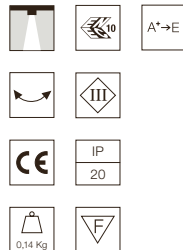
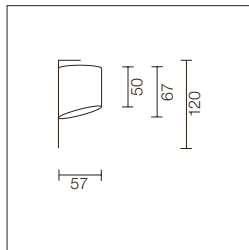
Luminaire pour installation au mur ou au plafond. Transformateur non compris.

Luminaire to be installed on ceiling/wall. Transformer not included.

- BU25302W
- BU25302A
- BU25302B
- BU25302P

Shop Mono / Point Recessed

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 7/10W



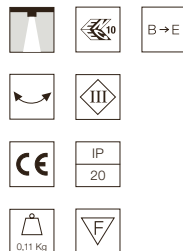
Luminaire pour installation au mur ou au plafond. Transformateur non compris.

Luminaire to be installed on ceiling/wall. Transformer not included.

- BU25303W
- BU25303A
- BU25303B
- BU25303P

Shop Mono / B15 Recessed

Light Source: QR-C 38 Clear/Frosted B15d - 20/35W or LED QR-C 38 B15d - 6W - 370 lm - 2700K/CRI 90

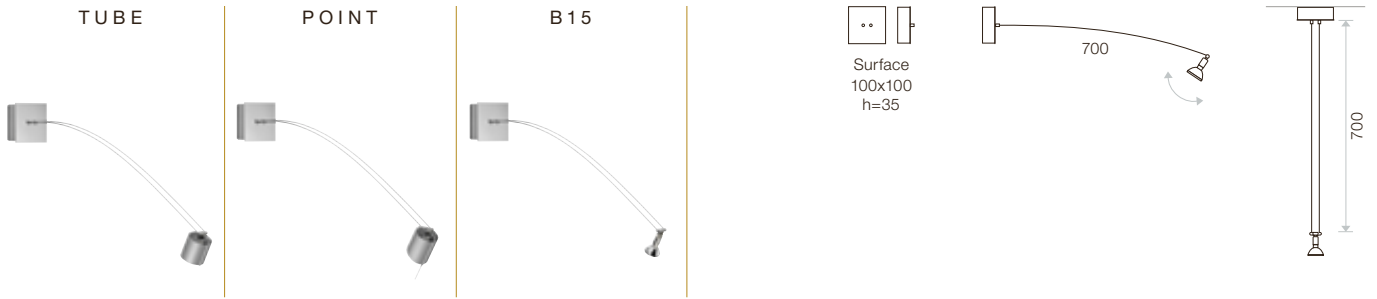


Luminaire pour installation au mur ou au plafond. Transformateur non compris.

Luminaire to be installed on ceiling/wall. Transformer not included.

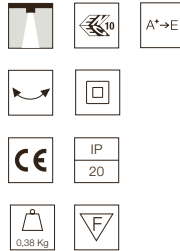
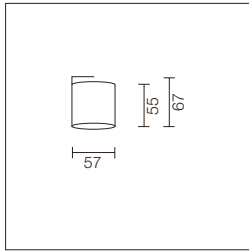
- BU25200W
- BU25200A
- BU25200B
- BU25200P

SHOP MONO SURFACE - LIGHTLIGHT® WALL



Shop Mono / Tube Surface

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 4/7/10W



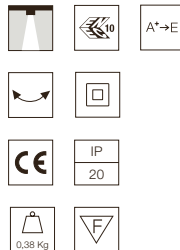
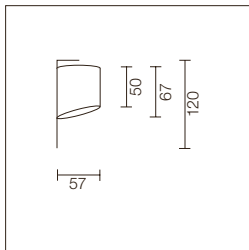
Luminaire pour installation au mur ou au plafond. Transformateur inclus.

Luminaire to be installed on wall or ceiling. Transformer included.



Shop Mono / Point Surface

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35/50W or LED QR-CBC 51 GX5.3 - 7/10W



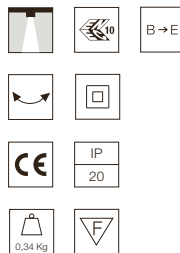
Luminaire pour installation au mur ou au plafond. Transformateur inclus.

Luminaire to be installed on wall or ceiling. Transformer included.



Shop Mono / B15 Surface

Light Source: QR-C 38 Clear/Frosted B15d - 20/35W or LED QR-C 38 B15d - 6W - 370 lm - 2700K/CRI 90



Luminaire pour installation au mur ou au plafond. Transformateur inclus.

Luminaire to be installed on wall or ceiling. Transformer included.

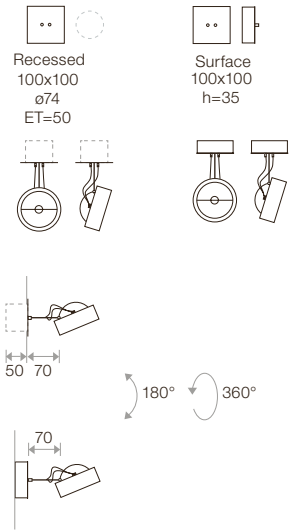


LIGHTLIGHT® MONO

Max Mono

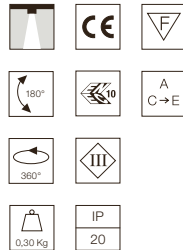
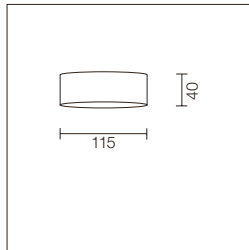
Projecteur orientable d'éclairage général et d'accent. Orientable à 360° et basculant à 180°. Conçu pour une utilisation dans des espaces de vente, vitrines, musées et expositions, où un niveau élevé de lumens est exigé.

Directional spotlight for general and accent lighting. Rotatable 360° and tiltable 180°. Designed for application in retail spaces, shop-windows displays, museums and exhibition spaces, where high lumen packages are requested.



Max Mono / Disc 111 Recessed

Light Source: QR-111 G53 - 35/50/60W or LED QR-111



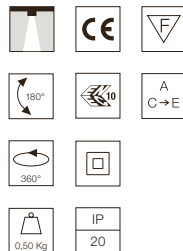
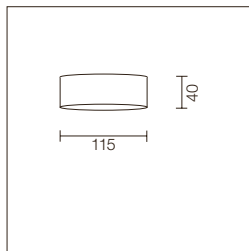
Luminaire mural ou pour plafond.
Transformateur non compris.

Luminaire to be installed on wall or ceiling. Transformer not included.

BU25050W
 BU25050A
 BU25050B
 BU25050P

Max Mono / Disc 111 Surface

Light Source: QR-111 G53 - 35/50/60W or LED QR-111



Luminaire mural ou pour plafond.
Transformateur inclus.

Luminaire to be installed on wall or ceiling. Transformer included.

BU26050W
 BU26050A
 BU26050B
 BU26050P

LIGHTLIGHT® MONO

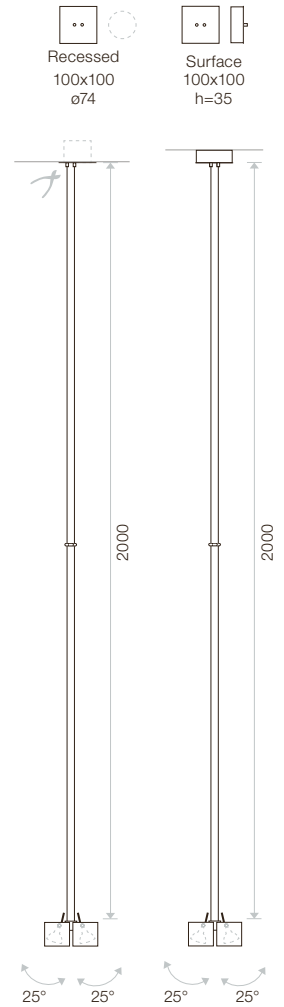
Pinpin Mono

Luminaire suspendu pour éclairage en surface ou encastré. Deux lampes ajustables (0 à 25°) sont contenues dans un double cylindre. Luminaire encastré fourni avec boîtier mural et plaque de finition. Le transformateur doit être commandé séparément. La version en surface est fournie avec un transformateur électronique dimmable. Lampe recommandée 35W, 60° IRC.

Glare-free table and counter luminaire for recessed or surface mounting. Two adjustable (0°-25°) light sources contained in a double cylinder for extended beam spread. Recessed luminaire supplied with wall box and cover plate. Transformer to be ordered separately. Surface-mounted version with dimmable electronic transformer. Recommended lamp 35W, 60° IRC.

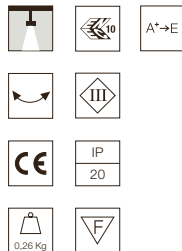
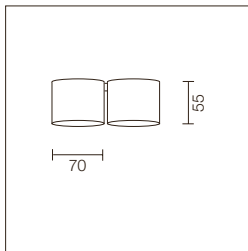
Pinpin Recessed

Pinpin Surface



Pinpin Mono Recessed

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20/35W or LED QR-CBC 51 GX5.3 - 4W



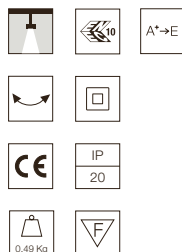
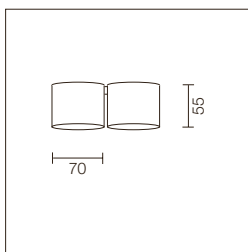
Luminaire pour plafond.
Transformateur non compris.

Luminaire to be installed on ceiling.
Transformer not included.

- BU25000W
- BU25000A
- BU25000B
- BU25000P

Pinpin Mono Surface

Light Source: QR-CBC 51 Clear/Frosted GX5.3 - 20W or LED QR-CBC 51 GX5.3 - 4W



Luminaire pour plafond.
Transformateur inclus.

Luminaire to be installed on ceiling.
Transformer included.

- BU26000W
- BU26000A
- BU26000B
- BU26000P

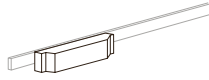
Appareillages / Drivers

Box Wall/Pend/Ceiling

Transformateur électronique design pour installation en apparent. Circuit court intégré, protection contre surcharge et surchauffe, démarrage soft. Adaptateur d'alimentation en aluminium pour rails LightLight® WALL / LightLight® PEND / LightLight® CEILING ou LightLight® IN, ne nécessitant aucun outillage. Les longueurs de rails dépendent de la réglementation nationale. Dimmable par dummer universel.

Electronic design transformer for visible mounting. With integral short circuit, overheating and overload protection, and soft start. Aluminium housing with concealed adapter feeding for positioning on LightLight® WALL / LightLight® PEND / LightLight® CEILING or LightLight® IN track as required without tools. Track length depending on national regulations. Dimmable with universal dimmer.

Box Wall



245x45x55 mm
0,3 kg/0,4 kg

230V

0-30W

BU90605A

BU90605B

0-105W

BU90610W

BU90610A

BU90610B

BU90610P

50-225W

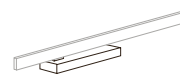
BU90624W

BU90624A

BU90624B

BU90624P

Box Pend/Ceiling/In



244x48x40 mm
0,3 kg

230V

0-105W

BU90620W

BU90620A

BU90620B

BU90620P

50-225W

BU90635W

BU90635A

BU90635B

BU90635P

CEILING / WALL

UT Pro Surface, Kap Surface,
Tubular Bells, Compass Box, Super Line,
Super Flat, Light Bell, Fort Knox Wall LED,
Thin LED, Wall System, G-O,
TheBlockofLight, Giano, Box.

UT PRO SURFACE

DESIGNED BY FLOS ARCHITECTURAL

UT PRO SURFACE 150



LIGHT SOURCE

LED ARRAY
23,5W
2300 lm
3000K/CRI 80
1950 lm
3000K/CRI 90
2009 lm
4000K/CRI 90

UT PRO SURFACE 175



LIGHT SOURCE

LED ARRAY
35,3W
4145 lm
3000K/CRI 80
3425 lm
3000K/CRI 90
3569 lm
4000K/CRI 90

□ 40 Blanc
40 White



■ 14 Noir
14 Black



Description

Luminaire d'intérieur pour installation sur des surfaces, disponible avec des sources lumineuses à technologie LED de haute puissance et régulateur inclus. Le corps optique du luminaire et le boîtier des équipements d'alimentation sont en aluminium injecté haute pression, avec des finitions en peinture à la poudre en blanc ou noir. Les luminaires comprennent un équipement d'alimentation dans le propre corps du luminaire.

Système Optique

Sont disponibles avec des optiques spot, medium et flood, ainsi qu'avec un réflecteur en verre borosilicate de haute performance incorporé.

Accessoires

Croix anti-éblouissement, lentille elliptique, lentille flood et honeycomb.

Informations Complémentaires

Possibilité de rotation à 360° sur un axe vertical et à 90° sur un axe horizontal. Le mécanisme de verrouillage pour l'axe horizontal est incorporé. Indice de protection IP20.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Indoor luminaire for surface installation, available in high power, LED technology light sources and regulator included. The optical housing of the luminaire, as well as the container of the power supply equipment, is manufactured in high-pressure injected aluminium, with white or black finishes. The luminaires include a power supply unit in the luminaire's own body.

Optic System

Available with spot, medium and flood optics and a built-in high-efficiency borosilicate glass reflector.

Accessories

Shielding cylinder, elliptical lens, flood and honeycomb lens.

Additional Information

Possibility of 360° rotation in the vertical axis and 90° rotation in the horizontal axis. Blocking mechanism for horizontal axis integrated. IP20 protection grade.

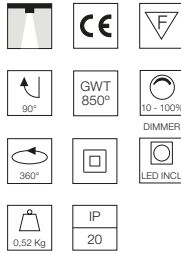
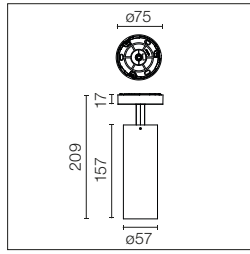
Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

UT PRO SURFACE

UT Pro Surface 150

Light Source: LED Array 23,5W - 2300 lm - 3000K/CRI 80 / 23,5W - 1950 lm - 3000K/CRI 90 / 23,5W - 2009 lm - 4000K/CRI 90

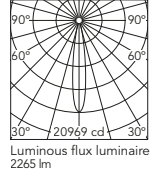


Projecteur à installer sur des surfaces avec source lumineuse à LED. Alimentation 120-277V et potentiomètre inclus.

LED light source projector for surface installation. 120-277V power supply unit and potentiometer included.

3000K - CRI 80

On board dimmer
09.7290.40A
09.7290.14A

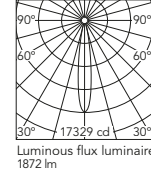


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	20969	0.28
2	5242	0.56
3	2330	0.84
4	1311	1.12
5	839	1.40

3000K - CRI 90

On board dimmer
09.7296.40A
09.7296.14A

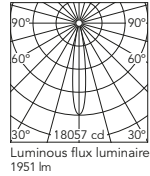


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	17329	0.28
2	4332	0.56
3	1925	0.84
4	1083	1.12
5	693	1.40

4000K - CRI 90

On board dimmer
09.7291.40A
09.7291.14A

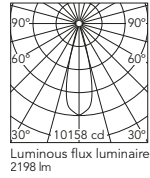


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	18057	0.28
2	4514	0.56
3	2006	0.84
4	1129	1.12
5	722	1.40

3000K - CRI 80

On board dimmer
09.7292.40A
09.7292.14A

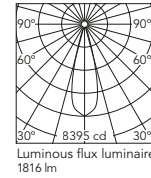


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	10158	0.50
2	2540	1.00
3	1129	1.50
4	635	2.00
5	406	2.50

3000K - CRI 90

On board dimmer
09.7297.40A
09.7297.14A

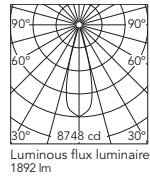


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	8395	0.50
2	2099	1.00
3	933	1.50
4	525	2.00
5	336	2.50

4000K - CRI 90

On board dimmer
09.7293.40A
09.7293.14A

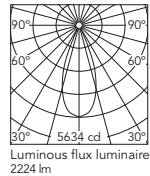


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	8748	0.50
2	2187	1.00
3	972	1.50
4	547	2.00
5	350	2.50

3000K - CRI 80

On board dimmer
09.7294.40A
09.7294.14A

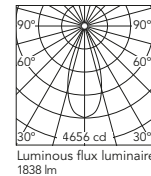


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	5634	0.73
2	1408	1.46
3	626	2.18
4	352	2.91
5	225	3.64

3000K - CRI 90

On board dimmer
09.7298.40A
09.7298.14A

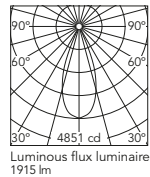


Beam Angle: 40°

h(m)	E(lx)	D(m)
1	4656	0.73
2	1164	1.46
3	517	2.18
4	291	2.91
5	186	3.64

4000K - CRI 90

On board dimmer
09.7295.40A
09.7295.14A



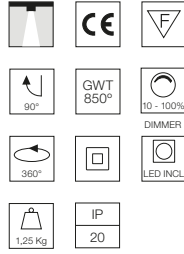
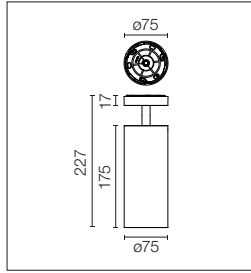
Beam Angle: 40°

h(m)	E(lx)	D(m)
1	4851	0.73
2	1213	1.46
3	539	2.18
4	303	2.91
5	194	3.64

UT PRO SURFACE

UT Pro Surface 175

Light Source: LED Array 35,3W - 3950 lm - 3000K/CRI 80 / 35,3W - 3250 lm - 3000K/CRI 90 / 35,3W - 3400 lm - 4000K/CRI 90



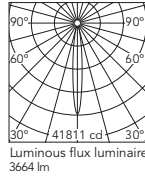
Projecteur à installer sur des surfaces avec source lumineuse à LED. Alimentation 120-277V et potentiomètre inclus.

LED light source projector for surface installation. 120-277V power supply unit and potentiometer included.

3000K - CRI 80

On board dimmer

09.7320.40
09.7320.14



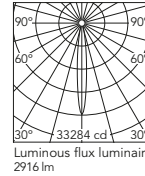
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	41811 0.21	
2	10453 0.41	
3	4646 0.62	
4	2613 0.83	
5	1672 1.03	

3000K - CRI 90

On board dimmer

09.7321.40
09.7321.14



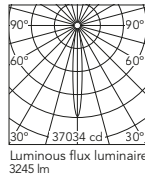
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	33284 0.21	
2	8321 0.41	
3	3698 0.62	
4	2080 0.83	
5	1331 1.03	

4000K - CRI 90

On board dimmer

09.7322.40
09.7322.14



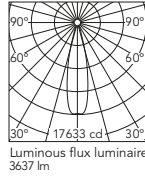
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	37034 0.21	
2	9258 0.41	
3	4115 0.62	
4	2315 0.83	
5	1481 1.03	

3000K - CRI 80

On board dimmer

09.7323.40
09.7323.14



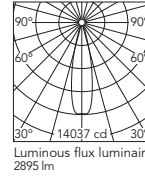
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	17633 0.44	
2	4408 0.88	
3	1959 1.32	
4	1102 1.76	
5	705 2.20	

3000K - CRI 90

On board dimmer

09.7324.40
09.7324.14



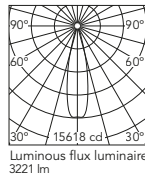
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	14037 0.44	
2	3509 0.88	
3	1560 1.32	
4	877 1.76	
5	561 2.20	

4000K - CRI 90

On board dimmer

09.7325.40
09.7325.14



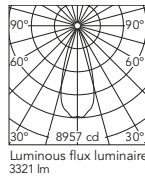
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	15618 0.44	
2	3904 0.88	
3	1735 1.32	
4	976 1.76	
5	625 2.20	

3000K - CRI 80

On board dimmer

09.7326.40
09.7326.14



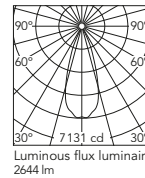
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	8957 0.66	
2	2239 1.32	
3	995 1.98	
4	560 2.65	
5	358 3.31	

3000K - CRI 90

On board dimmer

09.7327.40
09.7327.14



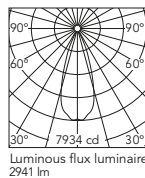
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	7131 0.66	
2	1783 1.32	
3	792 1.98	
4	446 2.65	
5	285 3.31	

4000K - CRI 90

On board dimmer

09.7328.40
09.7328.14



Beam Angle: 37°






h(m)	E(lx)	D(m)
1	7934 0.66	
2	1983 1.32	
3	882 1.98	
4	496 2.65	
5	317 3.31	

UT PRO SURFACE

Accessoires / Accessories

Croix anti-éblouissement, lentilles et honeycomb à installer directement sur la tête du luminaire sans aucun autre accessoire de fixation. Il est possible d'installer à la fois honeycomb + lentille.

Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire without needing any fastening accessory. Installation compatible with honeycomb + lense at the same time.

Croix anti-éblouissement.	Screening crosspiece.		UT Pro Surface 150 08.8429.00 UT Pro Surface 175 08.9108.00
Lentille elliptique.	Elliptical lens.		UT Pro Surface 150 08.8431.00 UT Pro Surface 175 08.9109.00
Lentille flood.	Flood lens.		UT Pro Surface 150 08.8432.00 UT Pro Surface 175 08.9110.00
Honeycomb.	Honeycomb.		UT Pro Surface 150 08.8428.00 UT Pro Surface 175 08.9107.00
Cône anti-éblouissement.	Snoot shielding cone.		UT Pro Surface 150 08.0526.00 UT Pro Surface 175 08.9111.00

KAP SURFACE / SUSPENSION

DESIGNED BY FLOS ARCHITECTURAL

CEILING Ø80 ROUND	CEILING Ø100	WALL Ø100	SUSPENSION Ø100	CEILING Ø115	WALL Ø115	SUSPENSION Ø115	WALL Ø115
							
CEILING 80 SQUARE							
							
LIGHT SOURCE LED ARRAY 9,2W 935 lm 2700K/CRI 90 974 lm 3000K/CRI 90		LIGHT SOURCE POWER LED 9W 850 lm 3000K/CRI 80		LIGHT SOURCE QT-14 G9 max 48W ES			LIGHT SOURCE QT-14 G9 max 2x33W ES

Externe / Outside

B1 Blanc
B1 White
 14 Noir
14 Black
 18 Deep Brown
18 Deep Brown

Interne / Inside

Blanc
White
 Or Mat
Matt Gold
 Cuivre
Copper
 Noir
Black

Kap 80
Round / Square



Externe / Outside

11 Blanc
11 White
 AS Aluminium Brossé
AS Brushed Aluminium
 AN Noir
AN Black
 B3 Brun
B3 Brown

Interne / Inside

Blanc
White
 Or Mat
Matt Gold
 Bleu
Blue
 Noir
Black

Kap Ø100 / Ø115



KAP SURFACE / SUSPENSION

Description

Gamme de luminaires avec un éclairage direct, ou direct et indirect, selon les versions, à installer au plafond, au mur ou en suspension. La version Ø80 comporte des modules d'éclairage ronds et carrés.

Le corps principal du luminaire est fabriqué en aluminium extrudé.

La version Kap 80 Surface est disponible dans trois finitions extérieures (blanc, noir et deep brown) et quatre finitions intérieures (blanc, or, cuivre et noir).

Les autres versions sont disponibles dans 4 finitions extérieures (blanc, aluminium poli, noir et marron) et 4 finitions intérieures (blanc, or mat, bleu et noir).

Réflecteurs

La version Ø100 comporte un réflecteur intérieur en polycarbonate peint à l'intérieur, alors que la version Ø80 comporte un réflecteur en aluminium peint. De plus, les deux versions proposent une lentille de diffusion en polycarbonate opale pour une lumière uniforme.

Les versions pour des lampes halogènes possèdent un réflecteur en aluminium peint et un verre diffuseur en verre avec une finition sablée.

Unité d'Alimentation

Transformateur électronique incorporé.

Informations Complémentaires

Indice de protection IP20.

Classe d'isolation I.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Family of luminaires with direct or indirect lighting depending on the version, to be installed on ceilings, walls or suspended. Version Ø80 comes with round or square lighting modules.

The main body of the luminaire is made of extruded aluminum.

Kap 80 Surface version is available in three external finishes (black, white and deep brown) and four internal finishes (white, matt gold, copper and black).

The other versions are available in four external finishes (white, polished aluminium, black and brown) and four internal finishes (white, matt gold, blue and black).

Reflectors

Version Ø100 has an internal reflector in painted polycarbonate in its internal part, while version Ø80 has a reflector in painted aluminum. Furthermore, both versions incorporate a diffusing lens in opal polycarbonate to ensure uniform light distribution.

Versions for halogen lamps have a reflector in painted aluminium and glass diffuser made of sand-blasted glass.

Power Supply

Electronic transformer incorporated.

Additional Information

IP20 protection grade.

Insulation class I.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Ceiling



Suspension

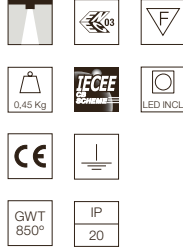
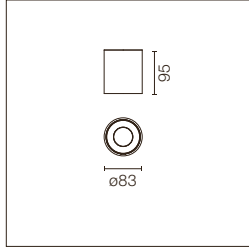


Wall

KAP SURFACE

Kap 80 Surface Ceiling Round - Optic Spot / Optic Medium

Light Source: LED Array 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Plafonnier à LED. Alimentation 110/240V - 50/60Hz intégrée dans le corps de l'appareil.

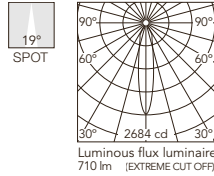
Luminaire for mounting on the ceiling with LED light source. Power source 110/240V - 50/60Hz incorporated into luminaire body.

E = Finition Externe
I = Finition Interne

E = External Finish
I = Internal Finish

Optic Spot 2700K

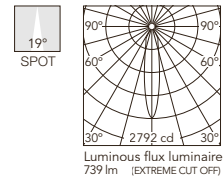
- | | | |
|-------------------|---|---------------|
| E | I | Non Dimmable |
| ■ | ■ | 03.6020.B1 |
| ■ | ■ | 03.6020.14 |
| ■ | ■ | 03.6020.18 |
| Mains Dimming | | |
| ■ | ■ | 03.5920.B1 |
| ■ | ■ | 03.5920.14 |
| ■ | ■ | 03.5920.18 |
| Dali/Push Version | | |
| ■ | ■ | 03.6020.B1.DA |
| ■ | ■ | 03.6020.14.DA |
| ■ | ■ | 03.6020.18.DA |



h(m)	E(lx)	D(m)
1	2684	0.34
2	671	0.68
3	298	1.02
4	168	1.36
5	107	1.70

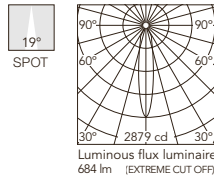
Optic Spot 3000K

- | | | |
|-------------------|---|---------------|
| E | I | Non Dimmable |
| ■ | ■ | 03.6024.B1 |
| ■ | ■ | 03.6024.14 |
| ■ | ■ | 03.6024.18 |
| Mains Dimming | | |
| ■ | ■ | 03.5924.B1 |
| ■ | ■ | 03.5924.14 |
| ■ | ■ | 03.5924.18 |
| Dali/Push Version | | |
| ■ | ■ | 03.6024.B1.DA |
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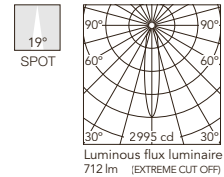
h(m)	E(lx)	D(m)
1	2792	0.34
2	698	0.68
3	310	1.02
4	175	1.36
5	112	1.70

- | | | |
|-------------------|---|---------------|
| E | I | Non Dimmable |
| ■ | ■ | 03.6021.B1 |
| ■ | ■ | 03.6021.14 |
| ■ | ■ | 03.6021.18 |
| Mains Dimming | | |
| ■ | ■ | 03.5921.B1 |
| ■ | ■ | 03.5921.14 |
| ■ | ■ | 03.5921.18 |
| Dali/Push Version | | |
| ■ | ■ | 03.6021.B1.DA |
| ■ | ■ | 03.6021.14.DA |
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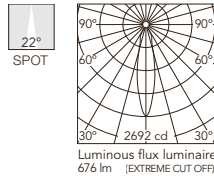
h(m)	E(lx)	D(m)
1	2879	0.33
2	720	0.67
3	320	1.00
4	180	1.33
5	115	1.66

- | | | |
|-------------------|---|---------------|
| E | I | Non Dimmable |
| ■ | ■ | 03.6025.B1 |
| ■ | ■ | 03.6025.14 |
| ■ | ■ | 03.6025.18 |
| Mains Dimming | | |
| ■ | ■ | 03.5925.B1 |
| ■ | ■ | 03.5925.14 |
| ■ | ■ | 03.5925.18 |
| Dali/Push Version | | |
| ■ | ■ | 03.6025.B1.DA |
| ■ | ■ | 03.6025.14.DA |
| ■ | ■ | 03.6025.18.DA |



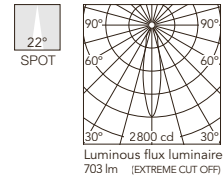
h(m)	E(lx)	D(m)
1	2995	0.33
2	749	0.67
3	333	1.00
4	187	1.33
5	120	1.66

- | | | |
|-------------------|---|---------------|
| E | I | Non Dimmable |
| ■ | ■ | 03.6022.B1 |
| ■ | ■ | 03.6022.14 |
| ■ | ■ | 03.6022.18 |
| Mains Dimming | | |
| ■ | ■ | 03.5922.B1 |
| ■ | ■ | 03.5922.14 |
| ■ | ■ | 03.5922.18 |
| Dali/Push Version | | |
| ■ | ■ | 03.6022.B1.DA |
| ■ | ■ | 03.6022.14.DA |
| ■ | ■ | 03.6022.18.DA |



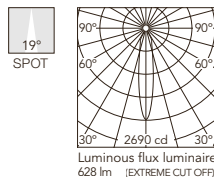
h(m)	E(lx)	D(m)
1	2692	0.40
2	673	0.79
3	299	1.19
4	168	1.58
5	108	1.98

- | | | |
|-------------------|---|---------------|
| E | I | Non Dimmable |
| ■ | ■ | 03.6026.B1 |
| ■ | ■ | 03.6026.14 |
| ■ | ■ | 03.6026.18 |
| Mains Dimming | | |
| ■ | ■ | 03.5926.B1 |
| ■ | ■ | 03.5926.14 |
| ■ | ■ | 03.5926.18 |
| Dali/Push Version | | |
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| ■ | ■ | 03.6026.18.DA |



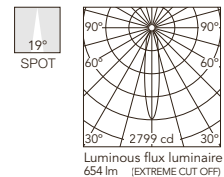
h(m)	E(lx)	D(m)
1	2800	0.40
2	700	0.79
3	311	1.19
4	175	1.58
5	112	1.98

- | | | |
|-------------------|---|---------------|
| E | I | Non Dimmable |
| ■ | ■ | 03.6023.B1 |
| ■ | ■ | 03.6023.14 |
| ■ | ■ | 03.6023.18 |
| Mains Dimming | | |
| ■ | ■ | 03.5923.B1 |
| ■ | ■ | 03.5923.14 |
| ■ | ■ | 03.5923.18 |
| Dali/Push Version | | |
| ■ | ■ | 03.6023.B1.DA |
| ■ | ■ | 03.6023.14.DA |
| ■ | ■ | 03.6023.18.DA |



h(m)	E(lx)	D(m)
1	2690	0.33
2	673	0.66
3	299	0.99
4	168	1.31
5	108	1.64

- | | | |
|-------------------|---|---------------|
| E | I | Non Dimmable |
| ■ | ■ | 03.6027.B1 |
| ■ | ■ | 03.6027.14 |
| ■ | ■ | 03.6027.18 |
| Mains Dimming | | |
| ■ | ■ | 03.5927.B1 |
| ■ | ■ | 03.5927.14 |
| ■ | ■ | 03.5927.18 |
| Dali/Push Version | | |
| ■ | ■ | 03.6027.B1.DA |
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| ■ | ■ | 03.6027.18.DA |

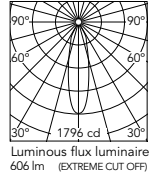


h(m)	E(lx)	D(m)
1	2799	0.33
2	700	0.66
3	311	0.99
4	175	1.31
5	112	1.64

KAP SURFACE

Optic Medium 2700K

	Non Dimmable
	03.6000.B1
	03.6000.14
	03.6000.18
	Mains Dimming
	03.5900.B1
	03.5900.14
	03.5900.18
	Dali/Push Version
	03.6000.B1.DA
	03.6000.14.DA
	03.6000.18.DA



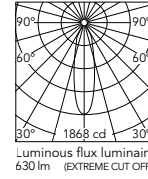
Beam Angle: 26°

h(m)	E lx	D(m)
1	1796	0.46
2	449	0.92
3	200	1.39
4	112	1.85
5	72	2.31

Luminous flux luminaire
606 lm (EXTREME CUT OFF)

Optic Medium 3000K

	Non Dimmable
	03.6004.B1
	03.6004.14
	03.6004.18
	Mains Dimming
	03.5904.B1
	03.5904.14
	03.5904.18
	Dali/Push Version
	03.6004.B1.DA
	03.6004.14.DA
	03.6004.18.DA

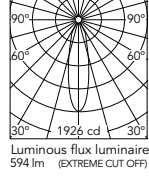


Beam Angle: 26°

h(m)	E lx	D(m)
1	1868	0.46
2	467	0.92
3	208	1.39
4	117	1.85
5	75	2.31

Luminous flux luminaire
630 lm (EXTREME CUT OFF)

	Non Dimmable
	03.6001.B1
	03.6001.14
	03.6001.18
	Mains Dimming
	03.5901.B1
	03.5901.14
	03.5901.18
	Dali/Push Version
	03.6001.B1.DA
	03.6001.14.DA
	03.6001.18.DA

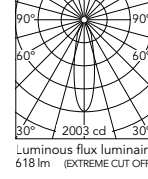


Beam Angle: 26°

h(m)	E lx	D(m)
1	1926	0.46
2	481	0.92
3	214	1.38
4	120	1.84
5	77	2.30

Luminous flux luminaire
594 lm (EXTREME CUT OFF)

	Non Dimmable
	03.6005.B1
	03.6005.14
	03.6005.18
	Mains Dimming
	03.5905.B1
	03.5905.14
	03.5905.18
	Dali/Push Version
	03.6005.B1.DA
	03.6005.14.DA
	03.6005.18.DA

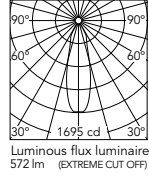


Beam Angle: 26°

h(m)	E lx	D(m)
1	2003	0.46
2	501	0.92
3	223	1.38
4	125	1.84
5	80	2.30

Luminous flux luminaire
618 lm (EXTREME CUT OFF)

	Non Dimmable
	03.6002.B1
	03.6002.14
	03.6002.18
	Mains Dimming
	03.5902.B1
	03.5902.14
	03.5902.18
	Dali/Push Version
	03.6002.B1.DA
	03.6002.14.DA
	03.6002.18.DA

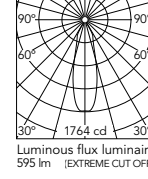


Beam Angle: 29°

h(m)	E lx	D(m)
1	1695	0.51
2	424	1.03
3	188	1.54
4	106	2.05
5	68	2.57

Luminous flux luminaire
572 lm (EXTREME CUT OFF)

	Non Dimmable
	03.6006.B1
	03.6006.14
	03.6006.18
	Mains Dimming
	03.5906.B1
	03.5906.14
	03.5906.18
	Dali/Push Version
	03.6006.B1.DA
	03.6006.14.DA
	03.6006.18.DA

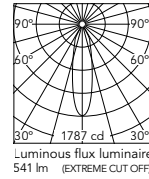


Beam Angle: 29°

h(m)	E lx	D(m)
1	1764	0.51
2	441	1.03
3	196	1.54
4	110	2.05
5	71	2.57

Luminous flux luminaire
595 lm (EXTREME CUT OFF)

	Non Dimmable
	03.6003.B1
	03.6003.14
	03.6003.18
	Mains Dimming
	03.5903.B1
	03.5903.14
	03.5903.18
	Dali/Push Version
	03.6003.B1.DA
	03.6003.14.DA
	03.6003.18.DA

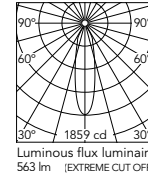


Beam Angle: 25°

h(m)	E lx	D(m)
1	1787	0.45
2	447	0.89
3	199	1.34
4	112	1.79
5	71	2.23

Luminous flux luminaire
541 lm (EXTREME CUT OFF)

	Non Dimmable
	03.6007.B1
	03.6007.14
	03.6007.18
	Mains Dimming
	03.5907.B1
	03.5907.14
	03.5907.18
	Dali/Push Version
	03.6007.B1.DA
	03.6007.14.DA
	03.6007.18.DA



Beam Angle: 25°

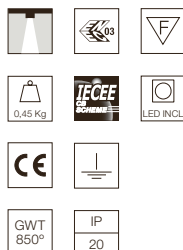
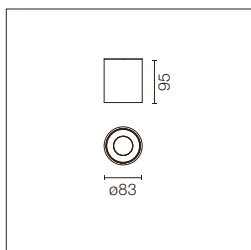
h(m)	E lx	D(m)
1	1859	0.45
2	465	0.89
3	207	1.34
4	116	1.79
5	74	2.23

Luminous flux luminaire
563 lm (EXTREME CUT OFF)

KAP SURFACE

Kap 80 Surface Ceiling Round - Optic Flood

Light Source: LED Array 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Plafonnier à LED. Alimentation 110/240V - 50/60Hz intégrée dans le corps de l'appareil.

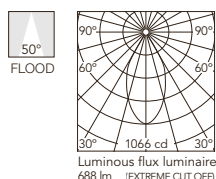
Luminaire for mounting on the ceiling with LED light source. Power source 110/240V - 50/60Hz incorporated into luminaire body.

E = Finition Externe
I = Finition Interne

E = External Finish
I = Internal Finish

Optic Flood 2700K

- | E | I | Product Code |
|-------------------|---|---------------|
| Non Dimmable | | 03.6040.B1 |
| | | 03.6040.14 |
| | | 03.6040.18 |
| Mains Dimming | | 03.5940.B1 |
| | | 03.5940.14 |
| | | 03.5940.18 |
| Dali/Push Version | | 03.6040.B1.DA |
| | | 03.6040.14.DA |
| | | 03.6040.18.DA |

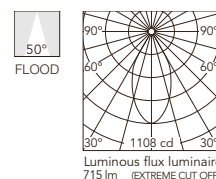


Beam Angle: 50°

h(m)	E lx	D(m)
1	1066	0.93
2	266	1.86
3	118	2.79
4	67	3.72
5	43	4.65

Optic Flood 3000K

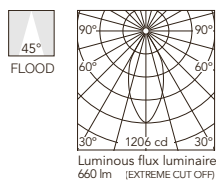
- | E | I | Product Code |
|-------------------|---|---------------|
| Non Dimmable | | 03.6044.B1 |
| | | 03.6044.14 |
| | | 03.6044.18 |
| Mains Dimming | | 03.5944.B1 |
| | | 03.5944.14 |
| | | 03.5944.18 |
| Dali/Push Version | | 03.6044.B1.DA |
| | | 03.6044.14.DA |
| | | 03.6044.18.DA |



Beam Angle: 50°

h(m)	E lx	D(m)
1	1108	0.93
2	277	1.86
3	123	2.79
4	69	3.72
5	44	4.65

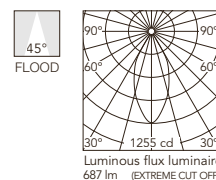
- | E | I | Product Code |
|-------------------|---|---------------|
| Non Dimmable | | 03.6041.B1 |
| | | 03.6041.14 |
| | | 03.6041.18 |
| Mains Dimming | | 03.5941.B1 |
| | | 03.5941.14 |
| | | 03.5941.18 |
| Dali/Push Version | | 03.6041.B1.DA |
| | | 03.6041.14.DA |
| | | 03.6041.18.DA |



Beam Angle: 45°

h(m)	E lx	D(m)
1	1206	0.83
2	302	1.66
3	134	2.48
4	75	3.31
5	48	4.14

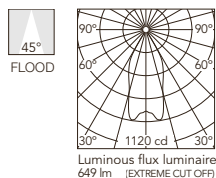
- | E | I | Product Code |
|-------------------|---|---------------|
| Non Dimmable | | 03.6045.B1 |
| | | 03.6045.14 |
| | | 03.6045.18 |
| Mains Dimming | | 03.5945.B1 |
| | | 03.5945.14 |
| | | 03.5945.18 |
| Dali/Push Version | | 03.6045.B1.DA |
| | | 03.6045.14.DA |
| | | 03.6045.18.DA |



Beam Angle: 45°

h(m)	E lx	D(m)
1	1255	0.83
2	314	1.66
3	139	2.48
4	78	3.31
5	50	4.14

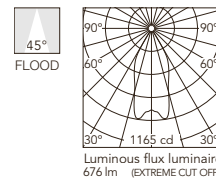
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|-------------------|---|---------------|
| Non Dimmable | | 03.6042.B1 |
| | | 03.6042.14 |
| | | 03.6042.18 |
| Mains Dimming | | 03.5942.B1 |
| | | 03.5942.14 |
| | | 03.5942.18 |
| Dali/Push Version | | 03.6042.B1.DA |
| | | 03.6042.14.DA |
| | | 03.6042.18.DA |



Beam Angle: 45°

h(m)	E lx	D(m)
1	1120	0.83
2	280	1.66
3	124	2.49
4	70	3.32
5	45	4.14

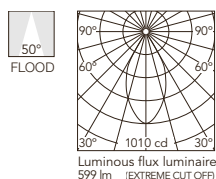
- | E | I | Product Code |
|-------------------|---|---------------|
| Non Dimmable | | 03.6046.B1 |
| | | 03.6046.14 |
| | | 03.6046.18 |
| Mains Dimming | | 03.5946.B1 |
| | | 03.5946.14 |
| | | 03.5946.18 |
| Dali/Push Version | | 03.6046.B1.DA |
| | | 03.6046.14.DA |
| | | 03.6046.18.DA |



Beam Angle: 45°

h(m)	E lx	D(m)
1	1165	0.83
2	291	1.66
3	129	2.49
4	73	3.32
5	47	4.14

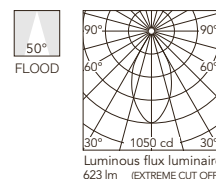
- | E | I | Product Code |
|-------------------|---|---------------|
| Non Dimmable | | 03.6043.B1 |
| | | 03.6043.14 |
| | | 03.6043.18 |
| Mains Dimming | | 03.5943.B1 |
| | | 03.5943.14 |
| | | 03.5943.18 |
| Dali/Push Version | | 03.6043.B1.DA |
| | | 03.6043.14.DA |
| | | 03.6043.18.DA |



Beam Angle: 50°

h(m)	E lx	D(m)
1	1010	0.94
2	252	1.89
3	112	2.83
4	63	3.77
5	40	4.72

- | E | I | Product Code |
|-------------------|---|---------------|
| Non Dimmable | | 03.6047.B1 |
| | | 03.6047.14 |
| | | 03.6047.18 |
| Mains Dimming | | 03.5947.B1 |
| | | 03.5947.14 |
| | | 03.5947.18 |
| Dali/Push Version | | 03.6047.B1.DA |
| | | 03.6047.14.DA |
| | | 03.6047.18.DA |



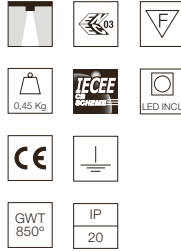
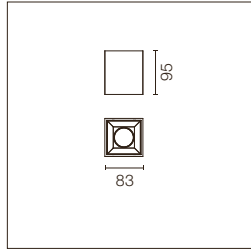
Beam Angle: 50°

h(m)	E lx	D(m)
1	1050	0.94
2	263	1.89
3	117	2.83
4	66	3.77
5	42	4.72

KAP SURFACE

Kap 80 Surface Ceiling Square - Optic Spot

Light Source: LED Array 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Plafonnier à LED. Alimentation 110/240V - 50/60Hz intégrée dans le corps de l'appareil.

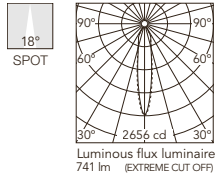
Luminaire for mounting on the ceiling with LED light source. Power source 110/240V - 50/60Hz incorporated into luminaire body.

E = Finition Externe
I = Finition Interne

E = External Finish
I = Internal Finish

Optic Spot 2700K

- Beam Angle: 18°
SPOT
- | h(m) | E(lx) | D(m) |
|------|-------|------|
| 1 | 2656 | 0.31 |
| 2 | 664 | 0.62 |
| 3 | 295 | 0.94 |
| 4 | 166 | 1.25 |
| 5 | 106 | 1.56 |
- Luminous flux luminaire 741 lm (EXTREME CUT OFF)
- Non Dimmable
 - 03.6030.B1
 - 03.6030.14
 - 03.6030.18
 - Mains Dimming
 - 03.5930.B1
 - 03.5930.14
 - 03.5930.18
 - Dali/Push Version
 - 03.6030.B1.DA
 - 03.6030.14.DA
 - 03.6030.18.DA

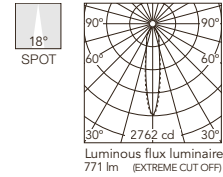


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2656	0.31
2	664	0.62
3	295	0.94
4	166	1.25
5	106	1.56

Optic Spot 3000K

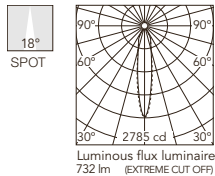
- Beam Angle: 18°
SPOT
- | h(m) | E(lx) | D(m) |
|------|-------|------|
| 1 | 2762 | 0.31 |
| 2 | 691 | 0.62 |
| 3 | 307 | 0.94 |
| 4 | 173 | 1.25 |
| 5 | 110 | 1.56 |
- Luminous flux luminaire 771 lm (EXTREME CUT OFF)
- Non Dimmable
 - 03.6034.B1
 - 03.6034.14
 - 03.6034.18
 - Mains Dimming
 - 03.5934.B1
 - 03.5934.14
 - 03.5934.18
 - Dali/Push Version
 - 03.6034.B1.DA
 - 03.6034.14.DA
 - 03.6034.18.DA



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2762	0.31
2	691	0.62
3	307	0.94
4	173	1.25
5	110	1.56

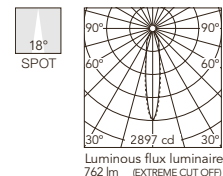
- Beam Angle: 18°
SPOT
- | h(m) | E(lx) | D(m) |
|------|-------|------|
| 1 | 2785 | 0.31 |
| 2 | 696 | 0.63 |
| 3 | 309 | 0.94 |
| 4 | 174 | 1.26 |
| 5 | 111 | 1.57 |
- Luminous flux luminaire 732 lm (EXTREME CUT OFF)
- Non Dimmable
 - 03.6031.B1
 - 03.6031.14
 - 03.6031.18
 - Mains Dimming
 - 03.5931.B1
 - 03.5931.14
 - 03.5931.18
 - Dali/Push Version
 - 03.6031.B1.DA
 - 03.6031.14.DA
 - 03.6031.18.DA



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2785	0.31
2	696	0.63
3	309	0.94
4	174	1.26
5	111	1.57

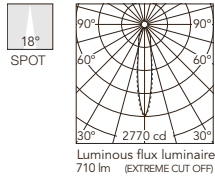
- Beam Angle: 18°
SPOT
- | h(m) | E(lx) | D(m) |
|------|-------|------|
| 1 | 2897 | 0.31 |
| 2 | 724 | 0.63 |
| 3 | 322 | 0.94 |
| 4 | 181 | 1.26 |
| 5 | 116 | 1.57 |
- Luminous flux luminaire 762 lm (EXTREME CUT OFF)
- Non Dimmable
 - 03.6035.B1
 - 03.6035.14
 - 03.6035.18
 - Mains Dimming
 - 03.5935.B1
 - 03.5935.14
 - 03.5935.18
 - Dali/Push Version
 - 03.6035.B1.DA
 - 03.6035.14.DA
 - 03.6035.18.DA



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2897	0.31
2	724	0.63
3	322	0.94
4	181	1.26
5	116	1.57

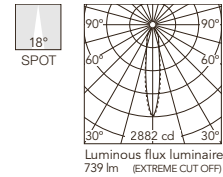
- Beam Angle: 18°
SPOT
- | h(m) | E(lx) | D(m) |
|------|-------|------|
| 1 | 2770 | 0.31 |
| 2 | 693 | 0.62 |
| 3 | 308 | 0.94 |
| 4 | 173 | 1.25 |
| 5 | 111 | 1.56 |
- Luminous flux luminaire 710 lm (EXTREME CUT OFF)
- Non Dimmable
 - 03.6032.B1
 - 03.6032.14
 - 03.6032.18
 - Mains Dimming
 - 03.5932.B1
 - 03.5932.14
 - 03.5932.18
 - Dali/Push Version
 - 03.6032.B1.DA
 - 03.6032.14.DA
 - 03.6032.18.DA



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2770	0.31
2	693	0.62
3	308	0.94
4	173	1.25
5	111	1.56

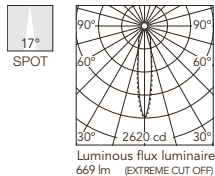
- Beam Angle: 18°
SPOT
- | h(m) | E(lx) | D(m) |
|------|-------|------|
| 1 | 2882 | 0.31 |
| 2 | 720 | 0.62 |
| 3 | 320 | 0.94 |
| 4 | 180 | 1.25 |
| 5 | 115 | 1.56 |
- Luminous flux luminaire 739 lm (EXTREME CUT OFF)
- Non Dimmable
 - 03.6036.B1
 - 03.6036.14
 - 03.6036.18
 - Mains Dimming
 - 03.5936.B1
 - 03.5936.14
 - 03.5936.18
 - Dali/Push Version
 - 03.6036.B1.DA
 - 03.6036.14.DA
 - 03.6036.18.DA



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2882	0.31
2	720	0.62
3	320	0.94
4	180	1.25
5	115	1.56

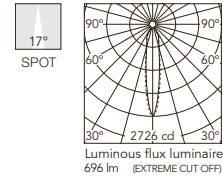
- Beam Angle: 17°
SPOT
- | h(m) | E(lx) | D(m) |
|------|-------|------|
| 1 | 2620 | 0.30 |
| 2 | 655 | 0.60 |
| 3 | 291 | 0.90 |
| 4 | 164 | 1.20 |
| 5 | 105 | 1.50 |
- Luminous flux luminaire 669 lm (EXTREME CUT OFF)
- Non Dimmable
 - 03.6033.B1
 - 03.6033.14
 - 03.6033.18
 - Mains Dimming
 - 03.5933.B1
 - 03.5933.14
 - 03.5933.18
 - Dali/Push Version
 - 03.6033.B1.DA
 - 03.6033.14.DA
 - 03.6033.18.DA



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2620	0.30
2	655	0.60
3	291	0.90
4	164	1.20
5	105	1.50

- Beam Angle: 17°
SPOT
- | h(m) | E(lx) | D(m) |
|------|-------|------|
| 1 | 2726 | 0.30 |
| 2 | 681 | 0.60 |
| 3 | 303 | 0.90 |
| 4 | 170 | 1.20 |
| 5 | 109 | 1.50 |
- Luminous flux luminaire 696 lm (EXTREME CUT OFF)
- Non Dimmable
 - 03.6037.B1
 - 03.6037.14
 - 03.6037.18
 - Mains Dimming
 - 03.5937.B1
 - 03.5937.14
 - 03.5937.18
 - Dali/Push Version
 - 03.6037.B1.DA
 - 03.6037.14.DA
 - 03.6037.18.DA



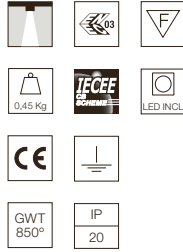
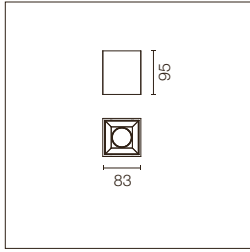
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	2726	0.30
2	681	0.60
3	303	0.90
4	170	1.20
5	109	1.50

KAP SURFACE

Kap 80 Surface Ceiling Square - Optic Medium / Optic Flood

Light Source: LED Array 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Plafonnier à LED. Alimentation 110/240V - 50/60Hz intégrée dans le corps de l'appareil.

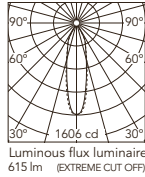
Luminaire for mounting on the ceiling with LED light source. Power source 110/240V - 50/60Hz incorporated into luminaire body.

E = Finition Externe
I = Finition Interne

E = External Finish
I = Internal Finish

Optic Medium 2700K

- Non Dimmable
- 03.6010.B1
 - 03.6010.14
 - 03.6010.18
- Mains Dimming
- 03.5910.B1
 - 03.5910.14
 - 03.5910.18
- Dali/Push Version
- 03.6010.B1.DA
 - 03.6010.14.DA
 - 03.6010.18.DA

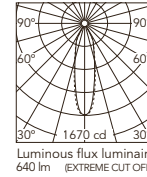


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1606	0.45
2	401	0.90
3	178	1.34
4	100	1.79
5	64	2.24

Optic Medium 3000K

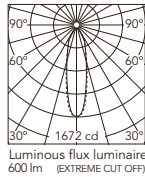
- Non Dimmable
- 03.6014.B1
 - 03.6014.14
 - 03.6014.18
- Mains Dimming
- 03.5914.B1
 - 03.5914.14
 - 03.5914.18
- Dali/Push Version
- 03.6014.B1.DA
 - 03.6014.14.DA
 - 03.6014.18.DA



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1670	0.45
2	418	0.90
3	186	1.34
4	104	1.79
5	67	2.24

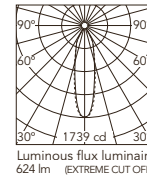
- Non Dimmable
- 03.6011.B1
 - 03.6011.14
 - 03.6011.18
- Mains Dimming
- 03.5911.B1
 - 03.5911.14
 - 03.5911.18
- Dali/Push Version
- 03.6011.B1.DA
 - 03.6011.14.DA
 - 03.6011.18.DA



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1672	0.45
2	418	0.90
3	186	1.34
4	104	1.79
5	67	2.24

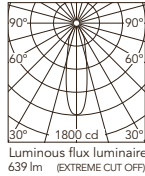
- Non Dimmable
- 03.6015.B1
 - 03.6015.14
 - 03.6015.18
- Mains Dimming
- 03.5915.B1
 - 03.5915.14
 - 03.5915.18
- Dali/Push Version
- 03.6015.B1.DA
 - 03.6015.14.DA
 - 03.6015.18.DA



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1739	0.45
2	435	0.90
3	193	1.34
4	109	1.79
5	70	2.24

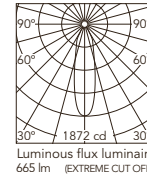
- Non Dimmable
- 03.6012.B1
 - 03.6012.14
 - 03.6012.18
- Mains Dimming
- 03.5912.B1
 - 03.5912.14
 - 03.5912.18
- Dali/Push Version
- 03.6012.B1.DA
 - 03.6012.14.DA
 - 03.6012.18.DA



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1800	0.46
2	450	0.93
3	200	1.39
4	112	1.86
5	72	2.32

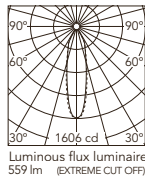
- Non Dimmable
- 03.6016.B1
 - 03.6016.14
 - 03.6016.18
- Mains Dimming
- 03.5916.B1
 - 03.5916.14
 - 03.5916.18
- Dali/Push Version
- 03.6016.B1.DA
 - 03.6016.14.DA
 - 03.6016.18.DA



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1872	0.46
2	468	0.93
3	208	1.39
4	117	1.86
5	75	2.32

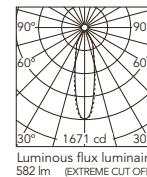
- Non Dimmable
- 03.6013.B1
 - 03.6013.14
 - 03.6013.18
- Mains Dimming
- 03.5913.B1
 - 03.5913.14
 - 03.5913.18
- Dali/Push Version
- 03.6013.B1.DA
 - 03.6013.14.DA
 - 03.6013.18.DA



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1606	0.44
2	402	0.88
3	178	1.32
4	100	1.76
5	64	2.20

- Non Dimmable
- 03.6017.B1
 - 03.6017.14
 - 03.6017.18
- Mains Dimming
- 03.5917.B1
 - 03.5917.14
 - 03.5917.18
- Dali/Push Version
- 03.6017.B1.DA
 - 03.6017.14.DA
 - 03.6017.18.DA



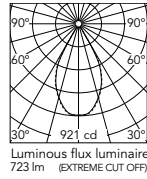
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1671	0.44
2	418	0.88
3	186	1.32
4	104	1.76
5	67	2.20

KAP SURFACE

Optic Flood 2700K

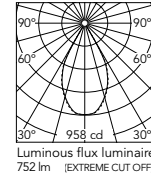
E I	Non Dimmable
	03.6050.B1
	03.6050.14
	03.6050.18
	Mains Dimming
	03.5950.B1
	03.5950.14
	03.5950.18
	Dali/Push Version
	03.6050.B1.DA
	03.6050.14.DA
	03.6050.18.DA



Beam Angle: 55°			
h(m)	E(lx)	D(m)	
1	921	1.03	
2	230	2.07	
3	102	3.10	
4	58	4.14	
5	37	5.17	

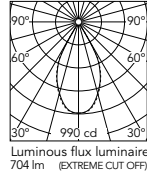
Optic Flood 3000K

E I	Non Dimmable
	03.6054.B1
	03.6054.14
	03.6054.18
	Mains Dimming
	03.5954.B1
	03.5954.14
	03.5954.18
	Dali/Push Version
	03.6054.B1.DA
	03.6054.14.DA
	03.6054.18.DA



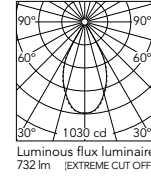
Beam Angle: 55°			
h(m)	E(lx)	D(m)	
1	958	1.03	
2	240	2.07	
3	106	3.10	
4	60	4.14	
5	38	5.17	

	Non Dimmable
	03.6051.B1
	03.6051.14
	03.6051.18
	Mains Dimming
	03.5951.B1
	03.5951.14
	03.5951.18
	Dali/Push Version
	03.6051.B1.DA
	03.6051.14.DA
	03.6051.18.DA



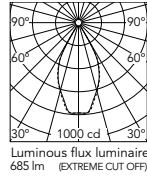
Beam Angle: 53°			
h(m)	E(lx)	D(m)	
1	990	1.00	
2	248	2.00	
3	110	3.00	
4	62	4.00	
5	40	5.01	

	Non Dimmable
	03.6055.B1
	03.6055.14
	03.6055.18
	Mains Dimming
	03.5955.B1
	03.5955.14
	03.5955.18
	Dali/Push Version
	03.6055.B1.DA
	03.6055.14.DA
	03.6055.18.DA



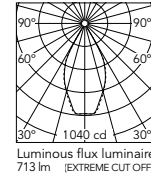
Beam Angle: 53°			
h(m)	E(lx)	D(m)	
1	1030	1.00	
2	258	2.00	
3	114	3.00	
4	64	4.00	
5	41	5.01	

	Non Dimmable
	03.6052.B1
	03.6052.14
	03.6052.18
	Mains Dimming
	03.5952.B1
	03.5952.14
	03.5952.18
	Dali/Push Version
	03.6052.B1.DA
	03.6052.14.DA
	03.6052.18.DA



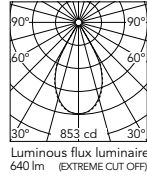
Beam Angle: 52°			
h(m)	E(lx)	D(m)	
1	1000	0.97	
2	250	1.93	
3	111	2.90	
4	63	3.87	
5	40	4.84	

	Non Dimmable
	03.6056.B1
	03.6056.14
	03.6056.18
	Mains Dimming
	03.5956.B1
	03.5956.14
	03.5956.18
	Dali/Push Version
	03.6056.B1.DA
	03.6056.14.DA
	03.6056.18.DA



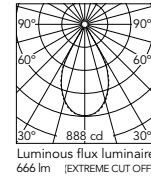
Beam Angle: 52°			
h(m)	E(lx)	D(m)	
1	1040	0.97	
2	260	1.93	
3	116	2.90	
4	65	3.87	
5	42	4.84	

	Non Dimmable
	03.6053.B1
	03.6053.14
	03.6053.18
	Mains Dimming
	03.5953.B1
	03.5953.14
	03.5953.18
	Dali/Push Version
	03.6053.B1.DA
	03.6053.14.DA
	03.6053.18.DA



Beam Angle: 55°			
h(m)	E(lx)	D(m)	
1	853	1.05	
2	213	2.10	
3	95	3.16	
4	53	4.21	
5	34	5.26	

	Non Dimmable
	03.6057.B1
	03.6057.14
	03.6057.18
	Mains Dimming
	03.5957.B1
	03.5957.14
	03.5957.18
	Dali/Push Version
	03.6057.B1.DA
	03.6057.14.DA
	03.6057.18.DA

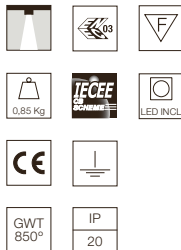
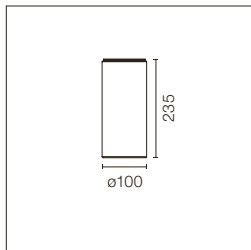


Beam Angle: 55°			
h(m)	E(lx)	D(m)	
1	888	1.05	
2	222	2.10	
3	99	3.16	
4	55	4.21	
5	36	5.26	

KAP SURFACE

Kap Surface Ceiling

Light Source: Power LED 9W - 850 lm - 3000K/CRI 80



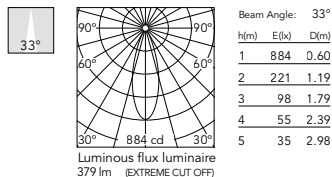
Plafonnier à LED. Alimentation 110/240V - 50/60Hz non réglable intégrée dans le corps de l'appareil.

Luminaire for mounting on the ceiling with LED light source. Non-adjustable 110/240V - 50/60Hz power supply integrated into luminaire body.

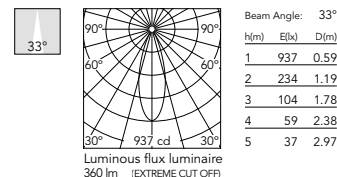
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

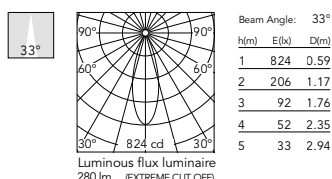
- E I
- 03.4520.11A
- 03.4520.ASA
- 03.4520.ANA
- 03.4520.B3A



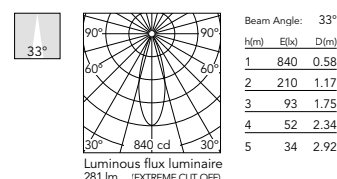
- E I
- 03.4521.11A
- 03.4521.ASA
- 03.4521.ANA
- 03.4521.B3A



- E I
- 03.4522.11A
- 03.4522.ASA
- 03.4522.ANA
- 03.4522.B3A

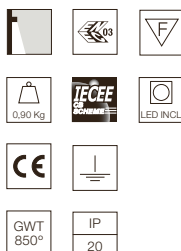
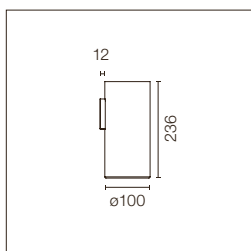


- E I
- 03.4523.11A
- 03.4523.ASA
- 03.4523.ANA
- 03.4523.B3A



Kap Surface Wall

Light Source: Power LED 9W - 850 lm - 3000K/CRI 80



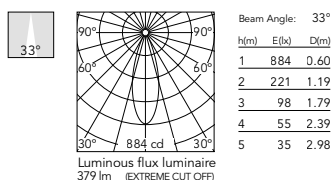
Applique murale à LED. Alimentation 110/240V - 50/60Hz non réglable intégrée dans le corps de l'appareil.

Luminaire for wall mounting with LED light source. Non-adjustable 110/240V - 50/60Hz power supply integrated into luminaire body.

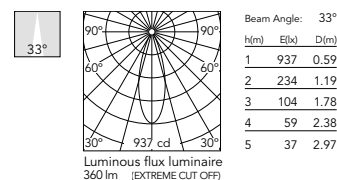
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

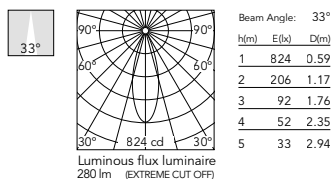
- E I
- 03.5730.11A
- 03.5730.ASA
- 03.5730.ANA
- 03.5730.B3A



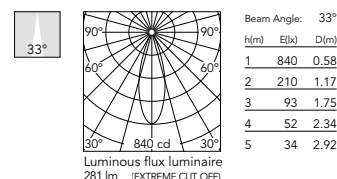
- E I
- 03.5731.11A
- 03.5731.ASA
- 03.5731.ANA
- 03.5731.B3A



- E I
- 03.5732.11A
- 03.5732.ASA
- 03.5732.ANA
- 03.5732.B3A



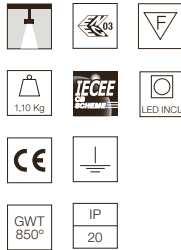
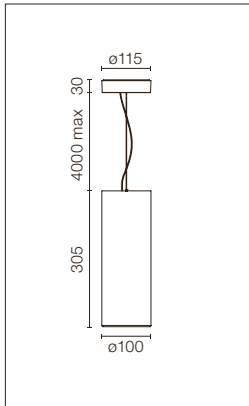
- E I
- 03.5733.11A
- 03.5733.ASA
- 03.5733.ANA
- 03.5733.B3A



KAP SURFACE / SUSPENSION

Kap Suspension

Light Source: Power LED 9W - 850 lm - 3000K/CRI 80



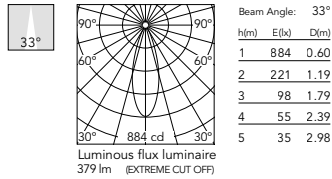
Suspension plafond à LED.
Alimentation 110/240V - 50/60Hz
non réglable intégrée dans le corps
de l'appareil.

Suspended ceiling-mounted
luminaire with LED light source.
Non-adjustable 110/240V - 50/60Hz
power supply integrated into
luminaire body.

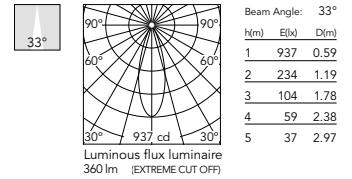
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

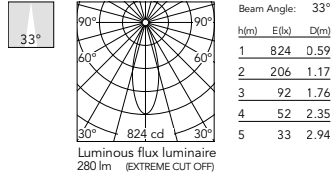
E	I	Code
White	White	03.5810.11A
White	Black	03.5810.ASA
Black	White	03.5810.ANA
Black	Black	03.5810.B3A



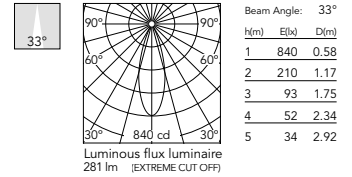
E	I	Code
White	White	03.5811.11A
White	Black	03.5811.ASA
Black	White	03.5811.ANA
Black	Black	03.5811.B3A



E	I	Code
White	Blue	03.5812.11A
White	Black	03.5812.ASA
Black	Blue	03.5812.ANA
Black	Black	03.5812.B3A

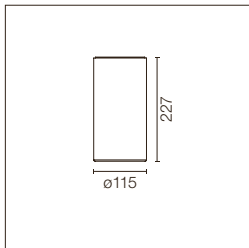


E	I	Code
White	White	03.5813.11A
White	Black	03.5813.ASA
Black	White	03.5813.ANA
Black	Black	03.5813.B3A



Kap Surface Ceiling

Light Source: QT-14 G9 - max 48W ES



Appareil d'éclairage pour installation
en plafonnier avec alimentation à la
tension du réseau.

Surface luminaire to be installed on
the ceiling with main voltage source.

E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

E	I	Code
White	White	03.4510.11
White	Black	03.4510.AS
Black	White	03.4510.AN
Black	Black	03.4510.B3

E	I	Code
White	White	03.4511.11
White	Black	03.4511.AS
Black	White	03.4511.AN
Black	Black	03.4511.B3

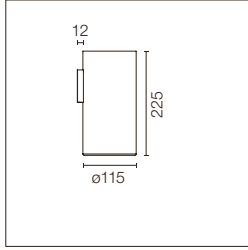
E	I	Code
White	Blue	03.4512.11
White	Black	03.4512.AS
Black	Blue	03.4512.AN
Black	Black	03.4512.B3

E	I	Code
White	White	03.4513.11
White	Black	03.4513.AS
Black	White	03.4513.AN
Black	Black	03.4513.B3

KAP SURFACE / SUSPENSION

Kap Surface Wall

Light Source: QT-14 G9 - max 48W ES

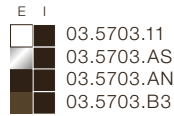
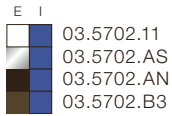
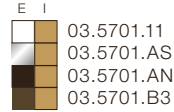
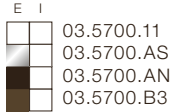


Appareil d'éclairage à lumière directe pour installation au mur avec alimentation de réseau.

Luminaire to be installed on wall for direct light with main voltage source.

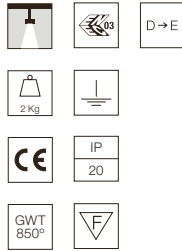
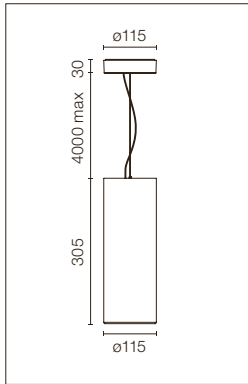
E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish



Kap Suspension

Light Source: QT-14 G9 - max 48W ES

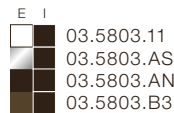
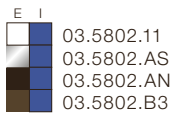
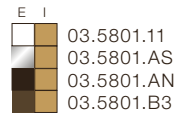
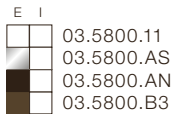


Appareil d'éclairage à lumière directe pour installation en suspension avec alimentation de réseau.

Suspension luminaire with main voltage source.

E = Finition Externe
I = Finition Interne

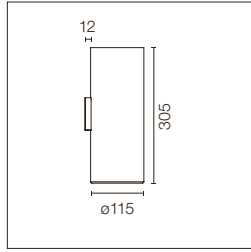
E= External Finish
I= Internal Finish



KAP SURFACE

Kap Surface Wall

Light Source: QT-14 G9 - max 2x33W ES



Appareil d'éclairage à lumière directe pour installation au mur avec alimentation de réseau.

Luminaire to be installed on wall for direct light with main voltage source.

E = Finition Externe
I = Finition Interne

E= External Finish
I= Internal Finish

E	I	
White	White	03.5710.11
White	Black	03.5710.AS
Black	White	03.5710.AN
Black	Black	03.5710.B3

E	I	
White	Blue	03.5712.11
White	Black	03.5712.AS
Black	Blue	03.5712.AN
Black	Black	03.5712.B3

E	I	
White	Gold	03.5711.11
White	Black	03.5711.AS
Black	White	03.5711.AN
Black	Gold	03.5711.B3

E	I	
White	Black	03.5713.11
White	White	03.5713.AS
Black	Black	03.5713.AN
Black	White	03.5713.B3

TUBULAR BELLS

DESIGNED BY PIERO LISSONI

CEILING

SUSPENSION

WALL



LIGHT SOURCE
PHOSPHOR
LED
7,4W
720 lm
3000K/CRI 98

□ 11 Blanc
11 White

▒ AS Aluminium Brossé
AS Brushed Aluminium

■ AN Noir Anodisé
AN Anodized Black



TUBULAR BELLS

Description

Plafonnier à lumière directe.
Corps en aluminium extrudé. Fonction de zoom pour régler le degré d'ouverture du faisceau lumineux.
Sont équipées d'une croix de blindage.

Réflecteurs

Réflecteur en polycarbonate métallisé à 2 angles d'ouverture.

Unité d'Alimentation

Équipements électroniques non dimmables intégrés au luminaire.

Informations complémentaires

Longueur variable de 211 mm (zoom fermé) à 235 mm (zoom entièrement ouvert).
Indice de protection IP20.
Classe d'isolation I.
Peut être installé sur les surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Ceiling luminaires for direct illumination.
Body of the luminaire made of extrusion aluminium.
Zoom lens available to regulate the opening grade of luminous beam.
Crosshead shielded included.

Reflectors

Reflector made of metallic polycarbonate with two opening angles.

Power Supply

Electronic non dimmable equipments integrated in the luminaire.

Additional Information

Variable length from 211 mm (closed zoom) to 235 mm (zoom fully opened).
IP20 protection grade.
Insulation class I.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Ceiling



Suspension

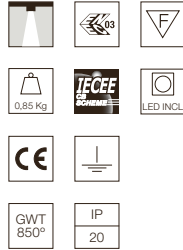
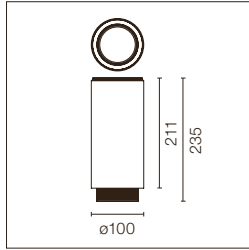


Wall

TUBULAR BELLS

Tubular Bells Pro Ceiling

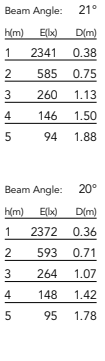
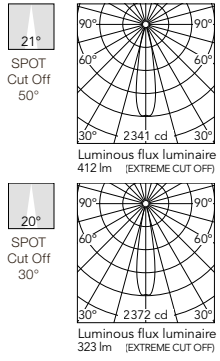
Light Source: Phosphor LED 7,4W - 720 lm - 3000K/CRI 98



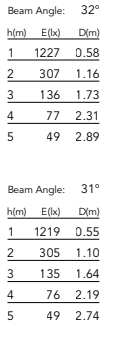
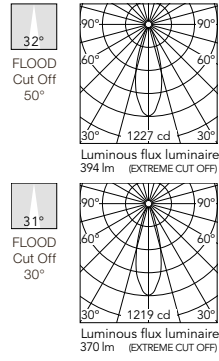
Appareil d'éclairage à LED pour installation en plafonnier. Module LED à phosphore intégré. Transformateur électronique 220/240V intégré.

Surface lumineuse to be installed on the ceiling for LED. Phosphor LED module integrated. Electronic transformer 220/240V integrated.

07.9450.11B
07.9450.ASB
07.9450.ANB

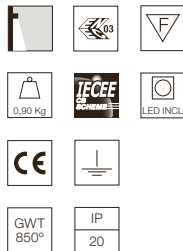
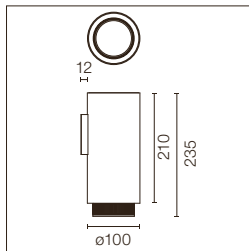


07.9451.11B
07.9451.ASB
07.9451.ANB



Tubular Bells Pro Wall

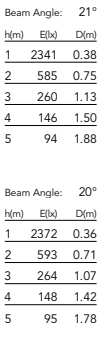
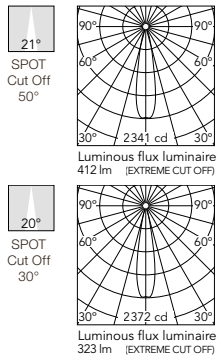
Light Source: Phosphor LED 7,4W - 720 lm - 3000K/CRI 98



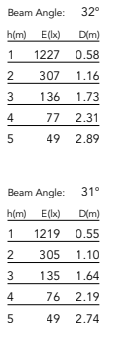
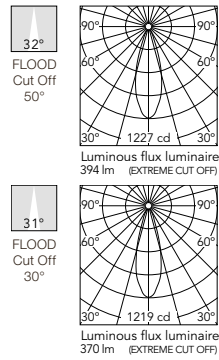
Applique murale à LED. Alimentation 220-240V, 50-60Hz non réglable intégrée dans le corps de l'appareil.

Luminaire for wall mounting with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

07.9480.11B
07.9480.ASB
07.9480.ANB



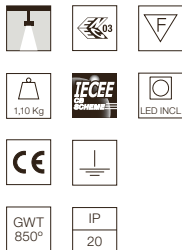
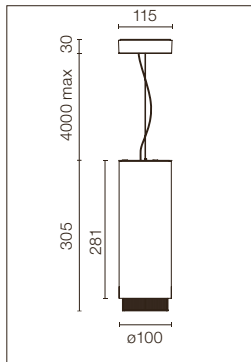
07.9481.11B
07.9481.ASB
07.9481.ANB



TUBULAR BELLS

Tubular Bells Pro Suspension

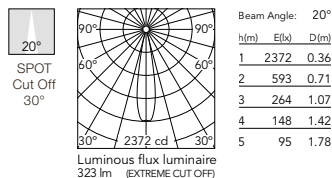
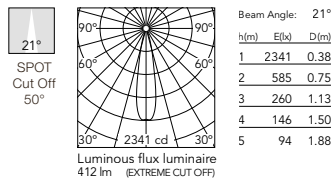
Light Source: Phosphor LED 7,4W - 720 lm - 3000K/CRI 98



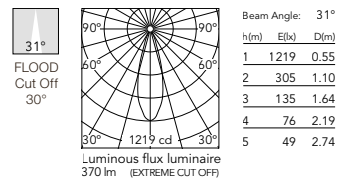
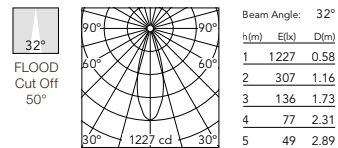
Suspension à LED. Module LED à phosphore intégré. Transformateur électronique 220/240V intégré.

Suspended ceiling-mounted luminaire with LED light source. Phosphor LED module integrated. Electronic transformer 220/240V integrated.

- 07.9465.11B
- 07.9465.ASB
- 07.9465.ANB



- 07.9466.11B
- 07.9466.ASB
- 07.9466.ANB



COMPASS BOX

DESIGNED BY FLOS ARCHITECTURAL

SMALL
1L / 2L / 4L /
4L SQUARE



LIGHT SOURCE
LED ARRAY
6,2W
860 lm
3000K/CRI 80

SMALL
1L / 2L / 4L



LIGHT SOURCE
QR-CBC 51
GX5.3
max 35W

LARGE H:135
1L / 2L / 4L /
4L SQUARE



LIGHT SOURCE
QR-111
G53
max 75W
- OR -
LED QR-111

□ 30 Blanc Mat/RAL 9001
30 Matt White



■ 14 Noir Mat/RAL 9005
14 Matt Black



■ 29 Aluminium Anodisé
29 Anodized Aluminium



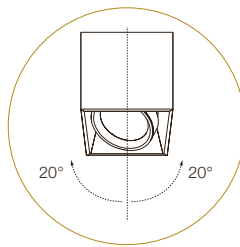
■ WG Wenge
WG Wenge



■ TK Teck
TK Teak



Peut être orienté à 20°.
Can be swivelled 20°.



COMPASS BOX

Description

Système d'éclairage composé de 1, 2 ou 4 lampes orientables pour montage au mur ou au plafond. Prédéposé pour lampes halogènes à basse tension et LED.

Corps optique en acier moulé recouvert d'une peinture noire et structure externe en aluminium extrudé avec système de fixation.

Connexion électrique et dispositifs de contrôle incorporés dans le projecteur.

Unité d'Alimentation

LED :

- Alimentation à courant constant 220/240V - 50/60Hz non réglable intégrée. Alimentation à 350 mA.

A halogènes :

- Transformateur électronique 20/105W- 220/240V - 50/60Hz avec réglage d'intensité par dispositif à fin ou début de phase.

Accessoires

- Cylindre-écran avec axe pivotant en thermoplastique noir.

- Honeycomb.

Informations Complémentaires

Disponible en deux hauteurs.

Système d'orientation permettant une rotation de 40° dans toutes les directions.

Indice de protection IP20.

Classe d'isolation I, II selon les versions.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Wal or ceiling luminaires with 1, 2 or 4 adjustable lights. Prepared for low-voltage halogen light sources and LED.

Pressed steel, black-painted optical body and extruded-aluminum outer structure with fixing system.

Electrical connection and control devices incorporated in the luminaire.

Power Supply

LED:

- Built-in, non-regulable constant current power supply of 220/240V, 50/60Hz. 350 mA current.

Halogen:

- Electronic transformer of 20/105W – 220/240V - 50/60Hz with intensity regulation through "leading and trailing edge" device.

Accessories

- Screening cylinder and black thermoplastic rotating pin.

- Honeycomb.

Additional Information

Two heights.

0-20° adjustment in all directions.

IP20 protection grade.

Insulation class I, II depending on the versions.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

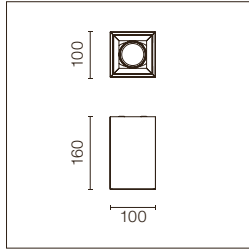
EN60598-1 European Technical Standards and any subsequent additions.



COMPASS BOX

Compass Box Small 1L

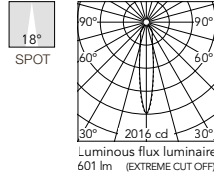
Light Source: LED Array 6,2W - 860 lm - 3000K/CRI 80



Projecteur de surface pour plafond/mur à LED. Alimentation 220-240V, 50-60Hz non réglable intégrée dans le corps de l'appareil.

Surface spotlight to be installed on ceiling/wall with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

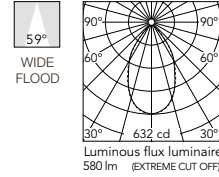
- 03.2630.30A
- 03.2630.29A
- 03.2630.14A
- 03.2630.WGA
- 03.2630.TKA



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2016	0.31
2	504	0.62
3	224	0.93
4	126	1.23
5	81	1.54

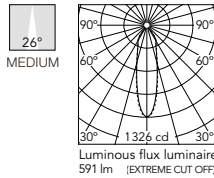
- 03.2632.30A
- 03.2632.29A
- 03.2632.14A
- 03.2632.WGA
- 03.2632.TKA



Beam Angle: 59°

h(m)	E(lx)	D(m)
1	632	1.14
2	158	2.28
3	70	3.42
4	39	4.56
5	25	5.70

- 03.2631.30A
- 03.2631.29A
- 03.2631.14A
- 03.2631.WGA
- 03.2631.TKA

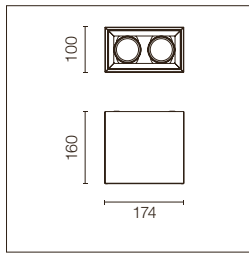


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1326	0.47
2	332	0.93
3	147	1.40
4	83	1.87
5	53	2.34

Compass Box Small 2L

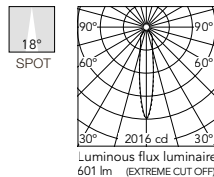
Light Source: LED Array 2x6,2W - 2x860 lm - 3000K/CRI 80



Projecteur de surface pour plafond/mur à LED. Alimentation 220-240V, 50-60Hz non réglable intégrée dans le corps de l'appareil.

Surface spotlight to be installed on ceiling/wall with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

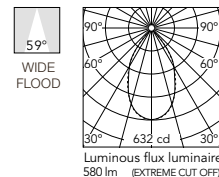
- 03.2635.30A
- 03.2635.29A
- 03.2635.14A
- 03.2635.WGA
- 03.2635.TKA



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2016	0.31
2	504	0.62
3	224	0.93
4	126	1.23
5	81	1.54

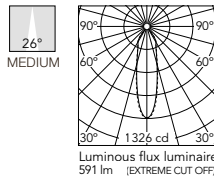
- 03.2637.30A
- 03.2637.29A
- 03.2637.14A
- 03.2637.WGA
- 03.2637.TKA



Beam Angle: 59°

h(m)	E(lx)	D(m)
1	632	1.14
2	158	2.28
3	70	3.42
4	39	4.56
5	25	5.70

- 03.2636.30A
- 03.2636.29A
- 03.2636.14A
- 03.2636.WGA
- 03.2636.TKA



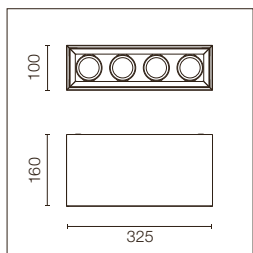
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1326	0.47
2	332	0.93
3	147	1.40
4	83	1.87
5	53	2.34

COMPASS BOX

Compass Box Small 4L

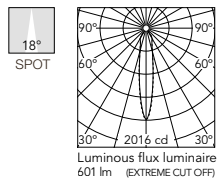
Light Source: LED Array 4x6,2W - 4x860 lm - 3000K/CRI 80



Projecteur de surface pour plafond/mur à LED. Alimentation 220-240V, 50-60Hz non réglable intégrée dans le corps de l'appareil.

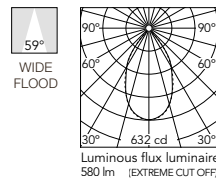
Surface spotlight to be installed on ceiling/wall with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

- 03.2640.30A
- 03.2640.29A
- 03.2640.14A
- 03.2640.WGA
- 03.2640.TKA



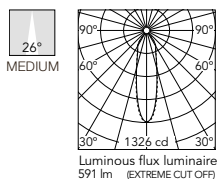
h(m)	E(lx)	D(m)
1	2016	0.31
2	504	0.62
3	224	0.93
4	126	1.23
5	81	1.54

- 03.2642.30A
- 03.2642.29A
- 03.2642.14A
- 03.2642.WGA
- 03.2642.TKA



h(m)	E(lx)	D(m)
1	632	1.14
2	158	2.28
3	70	3.42
4	39	4.56
5	25	5.70

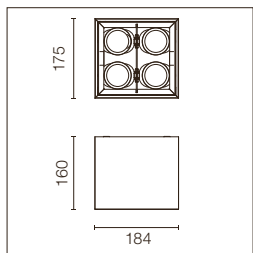
- 03.2641.30A
- 03.2641.29A
- 03.2641.14A
- 03.2641.WGA
- 03.2641.TKA



h(m)	E(lx)	D(m)
1	1326	0.47
2	332	0.93
3	147	1.40
4	83	1.87
5	53	2.34

Compass Box Small 4L Square

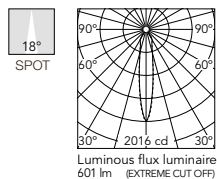
Light Source: LED Array 4x6,2W - 4x860 lm - 3000K/CRI 80



Projecteur de surface pour plafond/mur à LED. Alimentation 220-240V, 50-60Hz non réglable intégrée dans le corps de l'appareil.

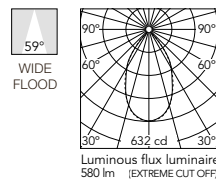
Surface spotlight to be installed on ceiling/wall with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

- 03.2645.30A
- 03.2645.29A
- 03.2645.14A
- 03.2645.WGA
- 03.2645.TKA



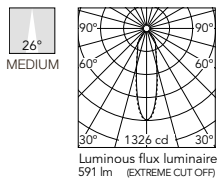
h(m)	E(lx)	D(m)
1	2016	0.31
2	504	0.62
3	224	0.93
4	126	1.23
5	81	1.54

- 03.2647.30A
- 03.2647.29A
- 03.2647.14A
- 03.2647.WGA
- 03.2647.TKA



h(m)	E(lx)	D(m)
1	632	1.14
2	158	2.28
3	70	3.42
4	39	4.56
5	25	5.70

- 03.2646.30A
- 03.2646.29A
- 03.2646.14A
- 03.2646.WGA
- 03.2646.TKA

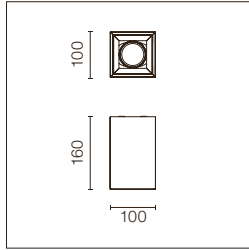


h(m)	E(lx)	D(m)
1	1326	0.47
2	332	0.93
3	147	1.40
4	83	1.87
5	53	2.34

COMPASS BOX

Compass Box Small 1L

Light Source: QR-CBC 51 GX5.3 - max 1x35W



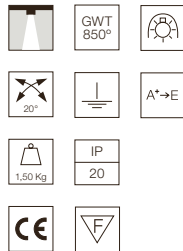
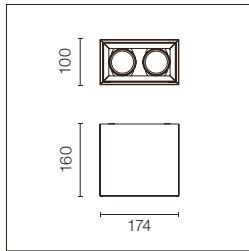
Projecteur de surface pour plafond/mur. Equipé d'un transformateur électronique 220/240V – 12V, 50/60Hz. Possibilité de réglage de l'intensité lumineuse par variateur "leading and trailing edge" pour lampes halogènes.

Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.

- 03.2600.30
- 03.2600.29
- 03.2600.14
- 03.2600.WG
- 03.2600.TK

Compass Box Small 2L

Light Source: QR-CBC 51 GX5.3 - max 2x35W



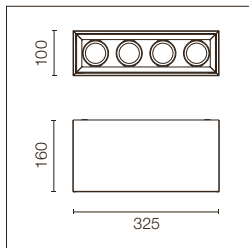
Projecteur de surface pour plafond/mur. Equipé d'un transformateur électronique 220/240V – 12V, 50/60Hz. Possibilité de réglage de l'intensité lumineuse par variateur "leading and trailing edge" pour lampes halogènes.

Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.

- 03.2601.30
- 03.2601.29
- 03.2601.14
- 03.2601.WG
- 03.2601.TK

Compass Box Small 4L

Light Source: QR-CBC 51 GX5.3 - max 4x35W



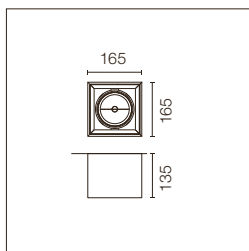
Projecteur de surface pour plafond/mur. Equipé d'un transformateur électronique 220/240V – 12V, 50/60Hz. Possibilité de réglage de l'intensité lumineuse par variateur "leading and trailing edge" pour lampes halogènes.

Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.

- 03.2603.30
- 03.2603.29
- 03.2603.14
- 03.2603.WG
- 03.2603.TK

Compass Box Large 1L H:135

Light Source: QR-111 G53 - max 75W



Projecteur de surface pour plafond/mur. Equipé d'un transformateur électronique 220/240V – 12V, 50/60Hz. Possibilité de réglage de l'intensité lumineuse par variateur "leading and trailing edge" pour lampes halogènes.

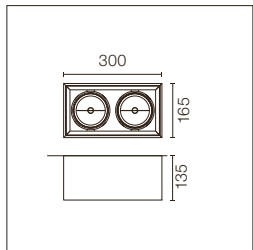
Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.

- 03.1060.30
- 03.1060.29
- 03.1060.14
- 03.1060.WG
- 03.1060.TK

COMPASS BOX

Compass Box Large 2L H:135

Light Source: QR-111 G53 - max 2x75W or LED QR-111



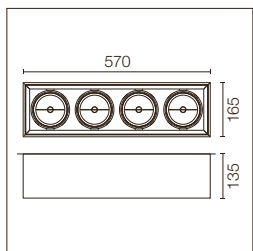
Projecteur de surface pour plafond/mur. Equipé d'un transformateur électronique 220/240V – 12V, 50/60Hz. Possibilité de réglage de l'intensité lumineuse par variateur "leading and trailing edge" pour lampes halogènes.

Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.

- 03.1061.30
- 03.1061.29
- 03.1061.14
- 03.1061.WG
- 03.1061.TK

Compass Box Large 4L H:135

Light Source: QR-111 G53 - max 4x75W or LED QR-111



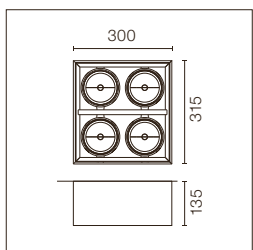
Projecteur de surface pour plafond/mur. Equipé d'un transformateur électronique 220/240V – 12V, 50/60Hz. Possibilité de réglage de l'intensité lumineuse par variateur "leading and trailing edge" pour lampes halogènes.

Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.

- 03.1063.30
- 03.1063.29
- 03.1063.14
- 03.1063.WG
- 03.1063.TK

Compass Box Large 4L H:135 Square

Light Source: QR-111 G53 - max 4x75W or LED QR-111



Projecteur de surface pour plafond/mur. Equipé d'un transformateur électronique 220/240V – 12V, 50/60Hz. Possibilité de réglage de l'intensité lumineuse par variateur "leading and trailing edge" pour lampes halogènes.

Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.

- 03.1064.30
- 03.1064.29
- 03.1064.14
- 03.1064.WG
- 03.1064.TK

Accessoires / Accessories

Compass Box Small: QR-CBC 51

Croix anti-éblouissement
Screening crosspiece



08.8238.14

Honeycomb
Honeycomb



08.8196.14

Compass Box Large: QR-111

Croix anti-éblouissement
Screening crosspiece



08.8034.14

Honeycomb
Honeycomb

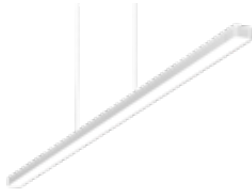


08.8036.14

SUPER LINE

DESIGNED BY FLOS ARCHITECTURAL

SUPER LINE
UP&DOWN
INDIRECT



LIGHT SOURCE
TOP LED
58W
4488 lm UP
2160 lm DOWN
3000K/CRI 90

4794 lm UP
2280 lm DOWN
4000K/CRI 90

SUPER LINE
UP&DOWN
DIRECT



LIGHT SOURCE
TOP LED
58W
2268 lm UP
4488 lm DOWN
3000K/CRI 90

2376 lm UP
4794 lm DOWN
4000K/CRI 90

SUPER LINE
DOWN



LIGHT SOURCE
TOP LED
38,6W
4488 lm
3000K/CRI 90
4794 lm
4000K/CRI 90

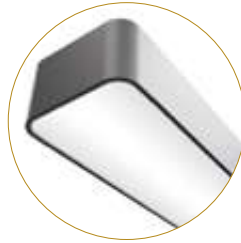
□ 30 Blanc
30 White



■ 02 Gris
02 Grey



■ 14 Noir
14 Black



SUPER LINE

Description

Collection de luminaires suspendus pour éclairage général avec une forme minimaliste distinctive. Ils sont conçus pour offrir un éclairage de qualité et haut rendement, ainsi qu'un confort visuel, le tout combiné dans une taille très compacte.

Le corps principal des appareils d'éclairage est en aluminium extrudé. Super Line est équipé d'un filtre diffusant technique multicouche qui, grâce à la combinaison de filtres prismatiques et elliptiques, assure une parfaite distribution de la lumière et améliore l'effet optique et le confort visuel par ses propriétés anti-éblouissement.

Super Line Up & Down est disponible en deux versions:

- Indirect : version qui favorise l'émission indirecte vers le haut avec une intensité lumineuse indirecte plus importante, qui rend l'espace éclairé homogène, conçu pour offrir un UGR <19 et la condition de lumière idéale nécessaire dans les bureaux.

- Direct : version qui favorise un éclairage direct et efficace, tout en empêchant l'effet "caverne" par son intensité indirecte et garantissant un haut niveau de confort.

Pour minimiser l'impact visuel de la collection, les conducteurs font office de câbles de suspension, éliminant ainsi le canal d'alimentation. La longueur de suspension est de 4,25 mètres.

Informations sur L'installation

Le produit Super Line a été créé en combinant le module de source de lumière sélectionné avec l'un des trois kits d'installation existants :

- Surface Kit : comprend une boîtier à installer en surface contenant la source d'alimentation.

- Integrated Kit : comprend une boîtier à installer à ras bord ou encastré contenant la source d'alimentation.

- Remote Power Supply Kit : comprend un accessoire pour passer les câbles et les protéger. Le kit comprend aussi une alimentation pour une installation accessible à distance.

Tous les kits d'installation sont disponibles en version DALI ou en version non dimmable.

Les versions non dimmables sont équipées d'une source d'alimentation à courant multiple qui peut se mettre en place lors de l'installation pour atteindre les conditions d'éclairage requises.

Les kits d'installation sont livrés d'origine avec 100% de leur puissance nominale.

Tous les luminaires possèdent un niveau circulaire de haute précision qui simplifie l'installation du luminaire et contrôle le calibrage sur les deux axes.

Informations Complémentaires

Classe d'isolation I.
indice de protection IP20.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Collection of suspended luminaires for general lighting with a signature minimalist shape, designed to offer high-performance lighting, light quality and visual comfort combined in a very compact size.

The main body of the lights is made from extruded aluminium. Super Line is equipped with a multilayer diffusion filter which, thanks to its combination of elliptical and prism-shaped filters, ensures that the light is perfectly distributed and improves the overall visual effect, as well as providing comfort with its anti-glare properties.

Super Line Up & Down is available in two different versions:

- Indirect: a version which is better for emitting light indirectly upwards, with a greater intensity of indirect luminosity that homogenizes the lighting area, designed to provide UGR<19 and the perfect lighting conditions for offices.

- Direct: a version which is better for direct lighting and maximises efficiency, but at the same time prevents any "cave effect" with its indirect intensity, guaranteeing a high level of comfort.

To minimise the visual impact of the collection, the suspension cables are also the wires, which eliminates the need for a power supply cable. Suspension length: 4.25 meters.

Installation Information

The Super Line is constructed combining the selected light source module with one of the three existing installation kits:

- Surface Kit: includes surface mounted box including the power supply driver.

- Integrated Kit: includes flush-recessed installation box, including power supply driver.

- Remote Power Supply Kit: includes an accessory as pass-through cable protection as well as a power supply driver for a remote accessible installation.

All installation kits are available either in DALI version or in a non dimmable version.

The non dimmable versions are equipped with a multi-current driver that can be set during the installation in order to achieve the required illumination conditions. Installation kits come from factory at 100% of their nominal power.

All luminaires host a high-precision circular level, simplifying the installation of the luminaire, controlling calibration in both axes.

Additional Information

Insulation class I.
IP20 protection grade.

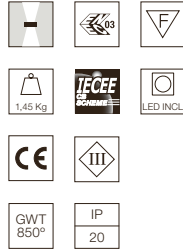
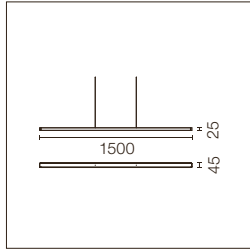
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

SUPER LINE

Super Line Up&Down Indirect

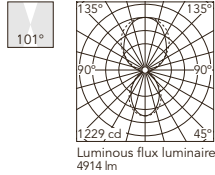
Light Source: Top LED 58W - 4488 lm UP - 2160 lm DOWN - 3000K/CRI 90 / 58W - 4794 lm UP - 2280 lm DOWN - 4000K/CRI 90



Luminaire à LED pour éclairage général direct et indirect, avec un design minimaliste, compact et unique, à installer au plafond à l'aide d'une suspension. Unité d'alimentation comprise dans les différents kits d'installation, à commander séparément.

LED luminaire for direct and indirect lighting with a signature minimalist and compact design, to be installed on ceilings by means of suspension. Power source included in installation kits must be ordered separately.

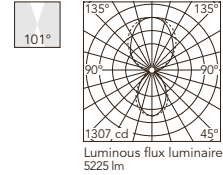
- 3000K**
- 03.9502.40
 - 03.9502.02
 - 03.9502.14



Beam Angle DIR: 101°

h(m)	E(lx)	D(m)
1	1229	2.39
2	307	4.78
3	137	7.17
4	77	9.57
5	49	11.96

- 4000K**
- 03.9503.40
 - 03.9503.02
 - 03.9503.14

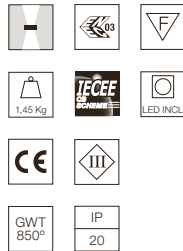
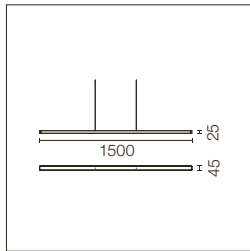


Beam Angle DIR: 101°

h(m)	E(lx)	D(m)
1	1307	2.39
2	327	4.78
3	145	7.17
4	82	9.57
5	52	11.96

Super Line Up&Down Direct

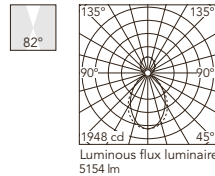
Light Source: Top LED 58W - 2268 lm UP - 4488 lm DOWN - 3000K/CRI 90 / 58W - 2376 lm UP - 4794 lm DOWN - 4000K/CRI 90



Luminaire à LED pour éclairage général direct et indirect, avec un design minimaliste, compact et unique, à installer au plafond à l'aide d'une suspension. Unité d'alimentation comprise dans les différents kits d'installation, à commander séparément.

LED luminaire for direct and indirect lighting with a signature minimalist and compact design, to be installed on ceilings by means of suspension. Power source included in installation kits must be ordered separately.

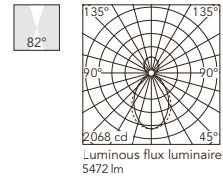
- 3000K**
- 03.9500.40
 - 03.9500.02
 - 03.9500.14



Beam Angle DIR: 82°

h(m)	E(lx)	D(m)
1	1948	1.57
2	487	3.13
3	216	4.70
4	122	6.27
5	78	7.84

- 4000K**
- 03.9501.40
 - 03.9501.02
 - 03.9501.14

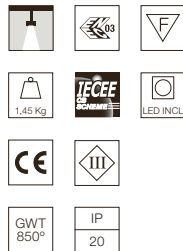
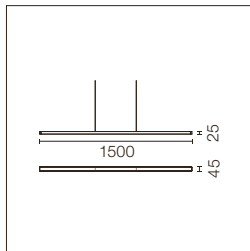


Beam Angle DIR: 82°

h(m)	E(lx)	D(m)
1	2068	1.57
2	517	3.13
3	230	4.70
4	129	6.27
5	83	7.84

Super Line Down

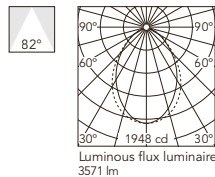
Light Source: Top LED 38,6W - 4488 lm - 3000K/CRI 90 / 38,6W- 4794 lm - 4000K/CRI 90



Luminaire à LED pour éclairage général, avec un design minimaliste, compact et unique, à installer au plafond à l'aide d'une suspension. Unité d'alimentation comprise dans les différents kits d'installation, à commander séparément.

LED luminaire for general lighting with a signature minimalist and compact design, to be installed on ceilings by means of suspension. Power source included in installation kits must be ordered separately.

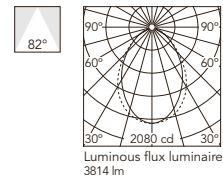
- 3000K**
- 03.9510.40
 - 03.9510.02
 - 03.9510.14



Beam Angle: 82°

h(m)	E(lx)	D(m)
1	1948	1.57
2	487	3.13
3	216	4.70
4	122	6.27
5	78	7.84

- 4000K**
- 03.9511.40
 - 03.9511.02
 - 03.9511.14



Beam Angle: 82°

h(m)	E(lx)	D(m)
1	2080	1.57
2	520	3.13
3	231	4.70
4	130	6.27
5	83	7.84

SUPER LINE

Accessoires / Accessories

Les versions non dimmables sont équipées d'une source d'alimentation à courant multiple qui peut se mettre en place lors de l'installation pour atteindre les conditions d'éclairage et les niveaux de confort requis. Les kits d'installation sont livrés d'origine avec 100% de leur puissance nominale (1050 mA).

The non dimmable versions are equipped with a multi-current driver, that can be set during the installation in order to achieve the required illumination conditions and comfort levels. Installation kits come from factory at 100% of their nominal power (1050 mA).

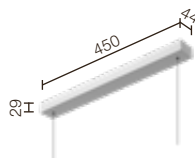
Driver setting	Light emission	Indirect		Direct	
		UGR	L 65° < 3000 cd	UGR	L 65° < 3000 cd
1050 mA	100%	UGR < 19			
850 mA	80%	UGR < 19			
700 mA	70%	UGR < 19			
550 mA	55%	UGR < 19	✓		
500 mA	50%	UGR < 19	✓	UGR < 19*	✓
350 mA	36%	UGR < 19	✓	UGR < 19*	✓

*X=4H, Y=8H, S=0.25H, reflections 70/50/20

Surface Kit

Alimentation 60W - 220/240V incluse.

60W - 220/240V power supply included.

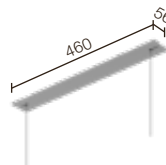


- Non Dimmable
- 08.0520.40
 - 08.0520.02
 - 08.0520.14
- Dali Version*
- 08.0521.40
 - 08.0521.02
 - 08.0521.14

Recessed Kit

Alimentation 60W - 220/240V incluse.

60W - 220/240V power supply included.



- Non Dimmable
- 08.0522.40
 - 08.0522.02
 - 08.0522.14
- Dali Version*
- 08.0523.40
 - 08.0523.02
 - 08.0523.14

Remote Power Supply Kit

Comprend deux kits de suspension et une unité d'alimentation de 60W - 220/240V.
Diamètre d'encastrement de 20 mm.

Includes two suspension kits and a 60W - 220/240V power supply.
Recessed diameter: 20 mm.

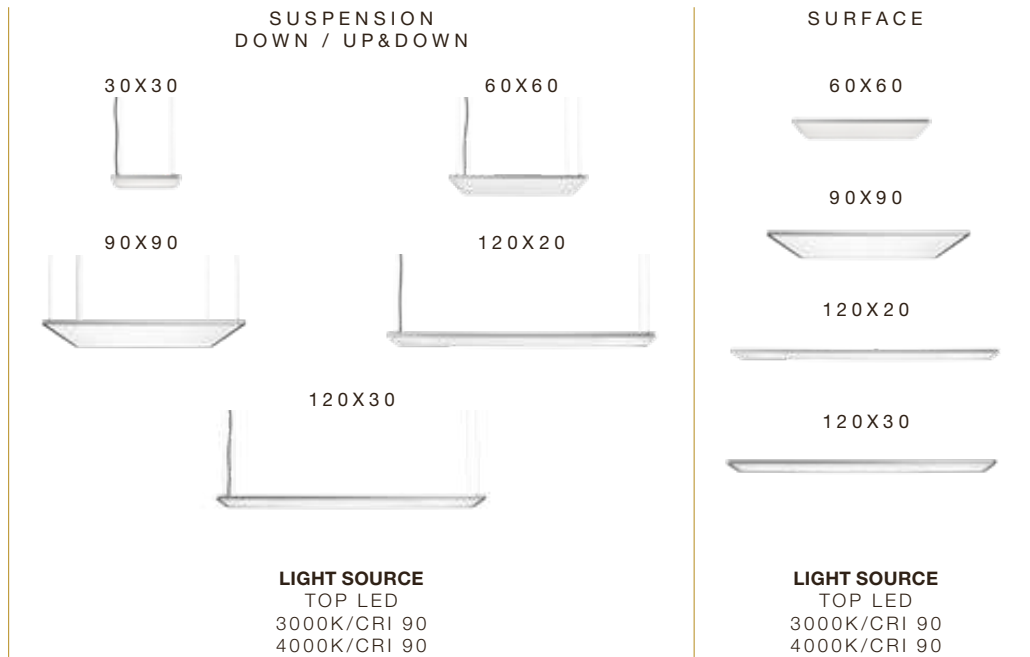


- Non Dimmable
- 08.0524.40
 - 08.0524.02
 - 08.0524.14
- Dali Version*
- 08.0525.40
 - 08.0525.02
 - 08.0525.14

* Pour les versions 1-10V et Push, merci de contacter le Front Office/Département technique / For 1-10V and Push versions, please ask the Front Office/Technical Department.

SUPER FLAT

DESIGNED BY FLOS ARCHITECTURAL



□ 30 Blanc
30 White

■ 02 Gris
02 Grey

■ 14 Noir
14 Black



Description

Famille de luminaires d'éclairage général à lumière directe et indirecte. La famille Super Flat compte plusieurs versions (carrée et rectangulaire), toutes en aluminium extrudé avec équerres en aluminium injecté. Super Flat possède des guides spécialement conçus pour un flux lumineux optimal et un grand confort visuel. L'efficacité de ce nouveau système d'éclairage permet de réduire au minimum les pertes d'énergie. Pour une plus grande polyvalence du produit, toute la famille Super Flat a été développée en versions suspendue et applique.

Unité d'Alimentation

Le luminaire est fourni avec les sources d'alimentation en courant constant 220/240V comprises.

Informations Complémentaires

- Version 30x30:
Classe d'isolation II, indice de protection IP20.
- Versions 60x60/90x90/120x20/120x30:
Classe d'isolation I, indice de protection IP20.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Family of general lighting luminaires with direct and indirect light distribution. The Super Flat family has several square and rectangular versions, all of which are made of extruded aluminium and with angle brackets made of injected aluminium. Super Flat has some especially designed guides, guaranteeing optimal light flow and great visual comfort. Energy losses are minimised with this efficient and innovative lighting system. The entire Super Flat family has been developed in suspended and surface mounted versions for greater product versatility.

Power Supply

The luminaire is supplied with integrated 220/240 V constant current power supply sources.

Additional Information

- Version 30x30:
Insulation class II, IP20 protection grade.
- Versions 60x60/90x90/120x20/120x30:
Insulation class I, IP20 protection grade.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

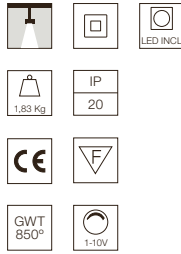
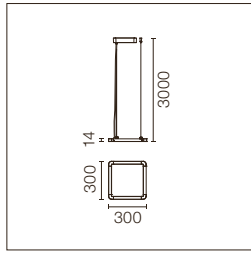


reddot design award
winner 2013

SUPER FLAT

Super Flat Suspension 30x30 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire suspendu à LED d'éclairage général à installer au plafond. Source d'alimentation incluse.

General lighting LED luminaire to be suspended from ceiling. Power supply included.

3000K
Light Source:
Max. 2210 lm.
Efficacité du luminaire :
Max. 130 lm/W

3000K
Light Source:
Max. 2210 lm.
Luminous efficiency of luminaire:
Max. 130 lm/W

4000K
Light Source:
Max. 2431 lm.
Efficacité du luminaire :
Max. 143 lm/W.

4000K
Light Source:
Max. 2431 lm.
Luminous efficiency of luminaire:
Max. 143 lm/W.

Consommation totale du système: 17W.

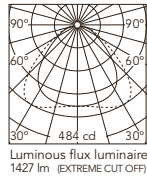
Total consumption of the system: 17W.

3000K

Non Dimmable

- 09.5000.30B
- 09.5000.02B
- 09.5000.14B

- 09.5000.30B1V
- 09.5000.02B1V
- 09.5000.14B1V



Beam Angle: 100°

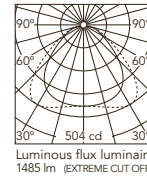
h(m)	E(lx)	D(m)
1	484	2.38
2	121	4.76
3	54	7.13
4	30	9.51
5	19	11.89

4000K

Non Dimmable

- 09.5001.30B
- 09.5001.02B
- 09.5001.14B

- 09.5001.30B1V
- 09.5001.02B1V
- 09.5001.14B1V

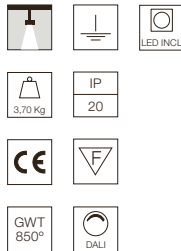
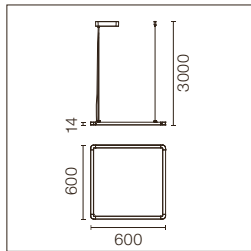


Beam Angle: 100°

h(m)	E(lx)	D(m)
1	504	2.38
2	126	4.76
3	56	7.13
4	31	9.51
5	20	11.89

Super Flat Suspension 60x60 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire suspendu à LED d'éclairage général à installer au plafond. Source d'alimentation incluse.

General lighting LED luminaire to be suspended from ceiling. Power supply included.

3000K
Light Source:
Max. 4821 lm.
Efficacité du luminaire :
Max. 115 lm/W

3000K
Light Source:
Max. 4821 lm.
Luminous efficiency of luminaire:
Max. 115 lm/W

4000K
Light Source:
Max. 5303 lm.
Efficacité du luminaire :
Max. 126 lm/W.

4000K
Light Source:
Max. 5303 lm.
Luminous efficiency of luminaire:
Max. 126 lm/W.

Consommation totale du système: 40W.

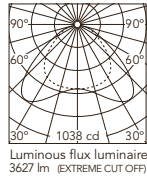
Total consumption of the system: 40W.

3000K

Non Dimmable

- 09.5010.30B
- 09.5010.02B
- 09.5010.14B

- 09.5010.30BDA
- 09.5010.02BDA
- 09.5010.14BDA



Beam Angle: 109°

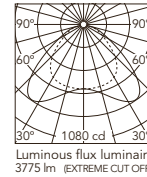
h(m)	E(lx)	D(m)
1	1038	2.81
2	259	5.63
3	115	8.44
4	65	11.25
5	42	14.06

4000K

Non Dimmable

- 09.5011.30B
- 09.5011.02B
- 09.5011.14B

- 09.5011.30BDA
- 09.5011.02BDA
- 09.5011.14BDA



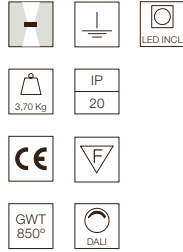
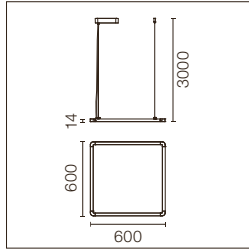
Beam Angle: 109°

h(m)	E(lx)	D(m)
1	1080	2.81
2	270	5.63
3	120	8.44
4	68	11.25
5	43	14.06

SUPER FLAT

Super Flat Suspension 60x60 Up&Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire suspendu à LED d'éclairage général indirect et direct à installer au plafond. Source d'alimentation incluse.

General lighting LED luminaire, direct and indirect beam, to be suspended from ceiling. Power supply included.

3000K
Light Source:
Up: Max. 2410 lm.
Down: Max. 2410 lm.
Efficacité du luminaire :
Max. 115 lm/W

3000K
Light Source:
Up: Max. 2410 lm.
Down: Max. 2410 lm.
Luminous efficiency of luminaire:
Max. 115 lm/W

4000K
Light Source:
Up: Max. 2651 lm.
Down: Max. 2651 lm.
Efficacité du luminaire :
Max. 126 lm/W

4000K
Light Source:
Up: Max. 2651 lm.
Down: Max. 2651 lm.
Luminous efficiency of luminaire:
Max. 126 lm/W

Consommation totale du système: 40W.

Total consumption of the system: 40W.

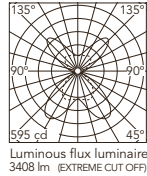
3000K

Non Dimmable

- 09.5015.30B
- 09.5015.02B
- 09.5015.14B

Dali Version

- 09.5015.30BDA
- 09.5015.02BDA
- 09.5015.14BDA



Beam Angle DIR: 52°

h(m)	E(lx)	D(m)
1	595	1.37
2	149	2.73
3	66	4.10
4	37	5.47
5	24	6.83

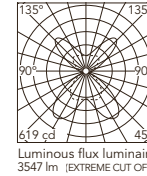
4000K

Non Dimmable

- 09.5016.30B
- 09.5016.02B
- 09.5016.14B

Dali Version

- 09.5016.30BDA
- 09.5016.02BDA
- 09.5016.14BDA

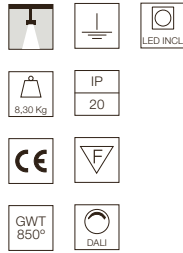
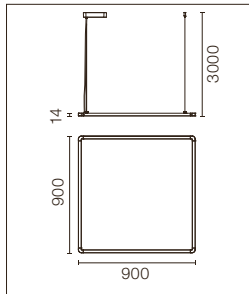


Beam Angle DIR: 52°

h(m)	E(lx)	D(m)
1	619	1.37
2	155	2.73
3	69	4.10
4	39	5.47
5	25	6.83

Super Flat Suspension 90x90 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire suspendu à LED d'éclairage général à installer au plafond. Source d'alimentation incluse.

General lighting LED luminaire to be suspended from ceiling. Power supply included.

3000K
Light Source:
Max. 6964 lm.
Efficacité du luminaire :
Max. 138 lm/W

3000K
Light Source:
Max. 6964 lm.
Luminous efficiency of luminaire:
Max. 138 lm/W

4000K
Light Source:
Max. 7660 lm.
Efficacité du luminaire :
Max. 151 lm/W

4000K
Light Source:
Max. 7660 lm.
Luminous efficiency of luminaire:
Max. 151 lm/W

Consommation totale du système: 55W.

Total consumption of the system: 55W.

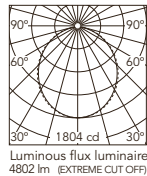
3000K

Non Dimmable

- 09.5020.30B
- 09.5020.02B
- 09.5020.14B

Dali Version

- 09.5020.30BDA
- 09.5020.02BDA
- 09.5020.14BDA



Beam Angle: 104°

h(m)	E(lx)	D(m)
1	1804	2.58
2	451	5.15
3	200	7.73
4	113	10.31
5	72	12.88

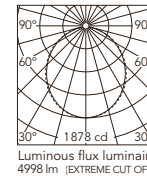
4000K

Non Dimmable

- 09.5021.30B
- 09.5021.02B
- 09.5021.14B

Dali Version

- 09.5021.30BDA
- 09.5021.02BDA
- 09.5021.14BDA



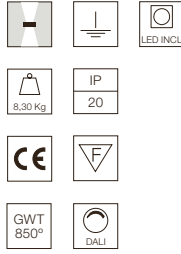
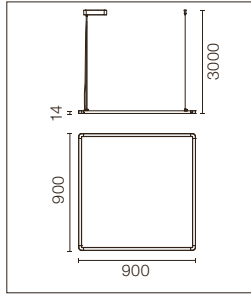
Beam Angle: 104°

h(m)	E(lx)	D(m)
1	1878	2.58
2	469	5.15
3	209	7.73
4	117	10.31
5	75	12.88

SUPER FLAT

Super Flat Suspension 90x90 Up&Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire suspendu à LED d'éclairage général indirect et direct à installer au plafond. Source d'alimentation incluse.

General lighting LED luminaire, direct and indirect beam, to be suspended from ceiling. Power supply included.

3000K
Light Source:
Up: Max. 3482 lm.
Down: Max. 3482 lm.
Efficacité du luminaire :
Max. 138 lm/W

3000K
Light Source:
Up: Max. 3482 lm.
Down: Max. 3482 lm.
Luminous efficiency of luminaire:
Max. 138 lm/W

4000K
Light Source:
Up: Max. 3830 lm.
Down: Max. 3830 lm.
Efficacité du luminaire :
Max. 151 lm/W

4000K
Light Source:
Up: Max. 3830 lm.
Down: Max. 3830 lm.
Luminous efficiency of luminaire:
Max. 151 lm/W

Consommation totale du système: 55W.

Total consumption of the system: 55W.

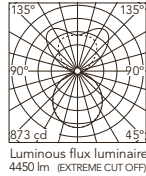
3000K

Non Dimmable

- 09.5025.30B
- 09.5025.02B
- 09.5025.14B

Dali Version

- 09.5025.30BDA
- 09.5025.02BDA
- 09.5025.14BDA



Beam Angle DIR: 108°

h(m)	E(lx)	D(m)
1	873	2.75
2	218	5.49
3	97	8.24
4	55	10.98
5	35	13.73

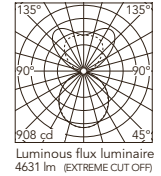
4000K

Non Dimmable

- 09.5026.30B
- 09.5026.02B
- 09.5026.14B

Dali Version

- 09.5026.30BDA
- 09.5026.02BDA
- 09.5026.14BDA

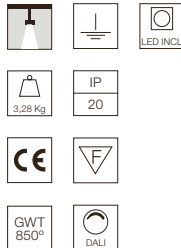
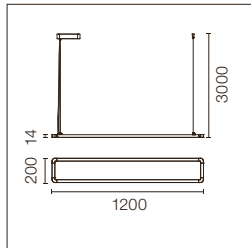


Beam Angle DIR: 108°

h(m)	E(lx)	D(m)
1	908	2.75
2	227	5.49
3	101	8.24
4	57	10.98
5	36	13.73

Super Flat Suspension 120x20 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire suspendu à LED d'éclairage général à installer au plafond. Source d'alimentation incluse.

General lighting LED luminaire to be suspended from ceiling. Power supply included.

3000K
Light Source:
Max. 6964 lm.
Efficacité du luminaire :
Max. 138 lm/W

3000K
Light Source:
Max. 6964 lm.
Luminous efficiency of luminaire:
Max. 138 lm/W

4000K
Light Source:
Max. 7660 lm.
Efficacité du luminaire :
Max. 151 lm/W.

4000K
Light Source:
Max. 7660 lm.
Luminous efficiency of luminaire:
Max. 151 lm/W.

Consommation totale du système: 56W.

Total consumption of the system: 56W.

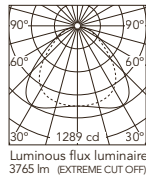
3000K

Non Dimmable

- 09.5030.30B
- 09.5030.02B
- 09.5030.14B

Dali Version

- 09.5030.30BDA
- 09.5030.02BDA
- 09.5030.14BDA



Beam Angle: 104°

h(m)	E(lx)	D(m)
1	1289	2.57
2	322	5.14
3	143	7.71
4	81	10.28
5	52	12.86

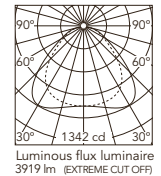
4000K

Non Dimmable

- 09.5031.30B
- 09.5031.02B
- 09.5031.14B

Dali Version

- 09.5031.30BDA
- 09.5031.02BDA
- 09.5031.14BDA



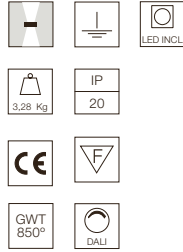
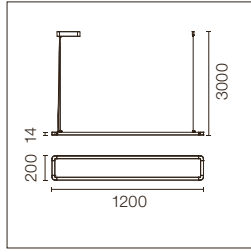
Beam Angle: 104°

h(m)	E(lx)	D(m)
1	1342	2.57
2	335	5.14
3	149	7.71
4	84	10.28
5	54	12.86

SUPER FLAT

Super Flat Suspension 120x20 Up&Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire suspendu à LED d'éclairage général indirect et direct à installer au plafond. Source d'alimentation incluse.

General lighting LED luminaire, direct and indirect beam, to be suspended from ceiling. Power supply included.

3000K
Light Source:
Up: Max. 3482 lm.
Down: Max. 3482 lm.
Efficacité du luminaire :
Max. 138 lm/W

3000K
Light Source:
Up: Max. 3482 lm.
Down: Max. 3482 lm.
Luminous efficiency of luminaire:
Max. 138 lm/W

4000K
Light Source:
Up: Max. 3830 lm.
Down: Max. 3830 lm.
Efficacité du luminaire :
Max. 151 lm/W

4000K
Light Source:
Up: Max. 3830 lm.
Down: Max. 3830 lm.
Luminous efficiency of luminaire:
Max. 151 lm/W

Consommation totale du système: 56W.

Total consumption of the system: 56W.

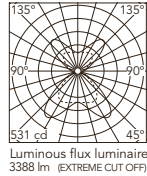
3000K

Non Dimmable

- 09.5035.30B
- 09.5035.02B
- 09.5035.14B

Dali Version

- 09.5035.30BDA
- 09.5035.02BDA
- 09.5035.14BDA



Beam Angle DIR: 108°

h(m)	E(lx)	D(m)
1	531	2.74
2	133	5.47
3	59	8.21
4	33	10.94
5	21	13.68

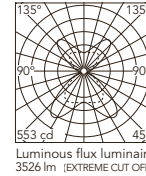
4000K

Non Dimmable

- 09.5036.30B
- 09.5036.02B
- 09.5036.14B

Dali Version

- 09.5036.30BDA
- 09.5036.02BDA
- 09.5036.14BDA

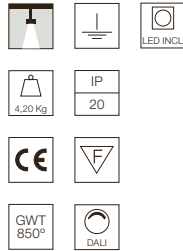
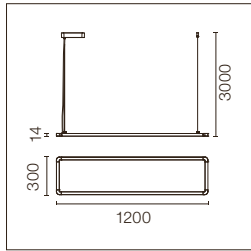


Beam Angle DIR: 108°

h(m)	E(lx)	D(m)
1	553	2.74
2	138	5.47
3	61	8.21
4	35	10.94
5	22	13.68

Super Flat Suspension 120x30 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire suspendu à LED d'éclairage général à installer au plafond. Source d'alimentation incluse.

General lighting LED luminaire to be suspended from ceiling. Power supply included.

3000K
Light Source:
Max. 6964 lm.
Efficacité du luminaire :
Max. 138 lm/W

3000K
Light Source:
Max. 6964 lm.
Luminous efficiency of luminaire:
Max. 138 lm/W

4000K
Light Source:
Max. 7660 lm.
Efficacité du luminaire :
Max. 151 lm/W.

4000K
Light Source:
Max. 7660 lm.
Luminous efficiency of luminaire:
Max. 151 lm/W.

Consommation totale du système: 56W.

Total consumption of the system: 56W.

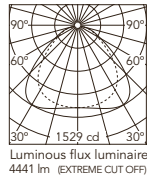
3000K

Non Dimmable

- 09.5040.30B
- 09.5040.02B
- 09.5040.14B

Dali Version

- 09.5040.30BDA
- 09.5040.02BDA
- 09.5040.14BDA



Beam Angle: 105°

h(m)	E(lx)	D(m)
1	1529	2.62
2	382	5.25
3	170	7.87
4	96	10.49
5	61	13.12

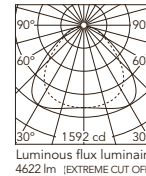
4000K

Non Dimmable

- 09.5041.30B
- 09.5041.02B
- 09.5041.14B

Dali Version

- 09.5041.30BDA
- 09.5041.02BDA
- 09.5041.14BDA



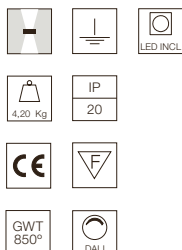
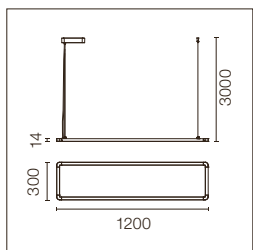
Beam Angle: 105°

h(m)	E(lx)	D(m)
1	1592	2.62
2	398	5.25
3	177	7.87
4	99	10.49
5	64	13.12

SUPER FLAT

Super Flat Suspension 120x30 Up&Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire suspendu à LED d'éclairage général indirect et direct à installer au plafond. Source d'alimentation incluse.

General lighting LED luminaire, direct and indirect beam, to be suspended from ceiling. Power supply included.

3000K
Light Source:
Up: Max. 3482 lm.
Down: Max. 3482 lm.
Efficacité du luminaire :
Max. 138 lm/W

3000K
Light Source:
Up: Max. 3482 lm.
Down: Max. 3482 lm.
Luminous efficiency of luminaire:
Max. 138 lm/W

4000K
Light Source:
Up: Max. 3830 lm.
Down: Max. 3830 lm.
Efficacité du luminaire :
Max. 151 lm/W

4000K
Light Source:
Up: Max. 3830 lm.
Down: Max. 3830 lm.
Luminous efficiency of luminaire:
Max. 151 lm/W

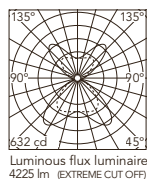
Consommation totale du système: 56W.

Total consumption of the system: 56W.

3000K

Non Dimmable

- 09.5045.30B
- 09.5045.02B
- 09.5045.14B
- Dali Version
- 09.5045.30BDA
- 09.5045.02BDA
- 09.5045.14BDA



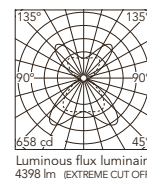
Beam Angle DIR: 109°

h(m)	E(lx)	D(m)
1	632	2.82
2	158	5.64
3	70	8.46
4	40	11.27
5	25	14.09

4000K

Non Dimmable

- 09.5046.30B
- 09.5046.02B
- 09.5046.14B
- Dali Version
- 09.5046.30BDA
- 09.5046.02BDA
- 09.5046.14BDA

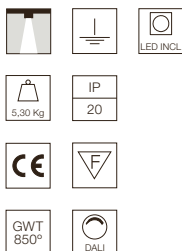
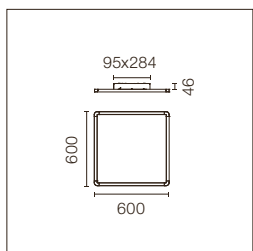


Beam Angle DIR: 109°

h(m)	E(lx)	D(m)
1	658	2.82
2	165	5.64
3	73	8.46
4	41	11.27
5	26	14.09

Super Flat Surface 60x60 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire à LED d'éclairage général à installer au plafond. Source d'alimentation incluse.

Surface mounted general lighting LED luminaire. Power supply included.

3000K
Light Source:
Max. 4821 lm.
Efficacité du luminaire :
Max. 115 lm/W

3000K
Light Source:
Max. 4821 lm.
Luminous efficiency of luminaire:
Max. 115 lm/W

4000K
Light Source:
Max. 5303 lm.
Efficacité du luminaire :
Max. 126 lm/W.

4000K
Light Source:
Max. 5303 lm.
Luminous efficiency of luminaire:
Max. 126 lm/W.

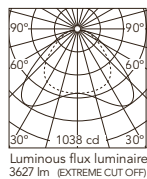
Consommation totale du système: 40W.

Total consumption of the system: 40W.

3000K

Non Dimmable

- 09.6010.30B
- 09.6010.02B
- 09.6010.14B
- Dali Version
- 09.6010.30BDA
- 09.6010.02BDA
- 09.6010.14BDA



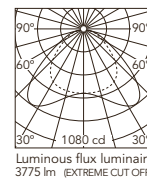
Beam Angle: 109°

h(m)	E(lx)	D(m)
1	1038	2.81
2	259	5.63
3	115	8.44
4	65	11.25
5	42	14.06

4000K

Non Dimmable

- 09.6011.30B
- 09.6011.02B
- 09.6011.14B
- Dali Version
- 09.6011.30BDA
- 09.6011.02BDA
- 09.6011.14BDA



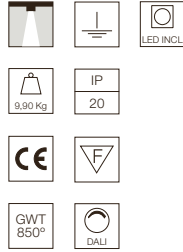
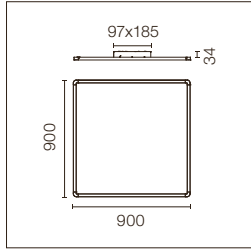
Beam Angle: 109°

h(m)	E(lx)	D(m)
1	1080	2.81
2	270	5.63
3	120	8.44
4	68	11.25
5	43	14.06

SUPER FLAT

Super Flat Surface 90x90 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire suspendu à LED d'éclairage général à installer au plafond. Source d'alimentation incluse.

Surface mounted general lighting LED luminaire. Power supply included.

3000K

Light Source:
Max. 6964 lm.
Efficacité du luminaire :
Max. 138 lm/W

4000K

Light Source:
Max. 7660 lm.
Efficacité du luminaire :
Max. 151 lm/W

3000K

Light Source:
Max. 6964 lm.
Luminous efficiency of luminaire:
Max. 138 lm/W

4000K

Light Source:
Max. 7660 lm.
Luminous efficiency of luminaire:
Max. 151 lm/W

Consommation totale du système: 55W.

Total consumption of the system: 55W.

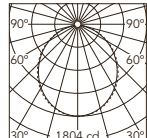
3000K

Non Dimmable

- 09.6020.30B
- 09.6020.02B
- 09.6020.14B

Dali Version

- 09.6020.30BDA
- 09.6020.02BDA
- 09.6020.14BDA



Beam Angle: 104°

h(m) E(lx) D(m)

1 1804 2.58

2 451 5.15

3 200 7.73

4 113 10.31

5 72 12.88

Luminous flux luminaire
4802 lm (EXTREME CUT OFF)

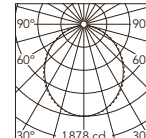
4000K

Non Dimmable

- 09.6021.30B
- 09.6021.02B
- 09.6021.14B

Dali Version

- 09.6021.30BDA
- 09.6021.02BDA
- 09.6021.14BDA



Beam Angle: 104°

h(m) E(lx) D(m)

1 1878 2.58

2 469 5.15

3 209 7.73

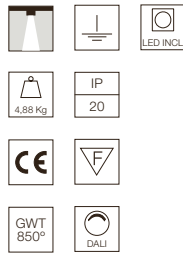
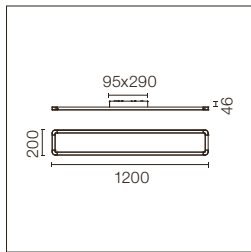
4 117 10.31

5 75 12.88

Luminous flux luminaire
4998 lm (EXTREME CUT OFF)

Super Flat Surface 120x20 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire à LED d'éclairage général à installer au plafond. Source d'alimentation incluse.

Surface mounted general lighting LED luminaire. Power supply included.

3000K

Light Source:
Max. 6964 lm.
Efficacité du luminaire :
Max. 138 lm/W

4000K

Light Source:
Max. 7660 lm.
Efficacité du luminaire :
Max. 151 lm/W

3000K

Light Source:
Max. 6964 lm.
Luminous efficiency of luminaire:
Max. 138 lm/W

4000K

Light Source:
Max. 7660 lm.
Luminous efficiency of luminaire:
Max. 151 lm/W

Consommation totale du système: 56W.

Total consumption of the system: 56W.

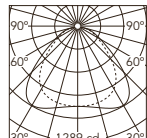
3000K

Non Dimmable

- 09.6030.30B
- 09.6030.02B
- 09.6030.14B

Dali Version

- 09.6030.30BDA
- 09.6030.02BDA
- 09.6030.14BDA



Beam Angle: 104°

h(m) E(lx) D(m)

1 1289 2.57

2 322 5.14

3 143 7.71

4 81 10.28

5 52 12.86

Luminous flux luminaire
3765 lm (EXTREME CUT OFF)

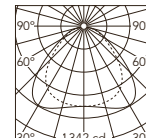
4000K

Non Dimmable

- 09.6031.30B
- 09.6031.02B
- 09.6031.14B

Dali Version

- 09.6031.30BDA
- 09.6031.02BDA
- 09.6031.14BDA



Beam Angle: 104°

h(m) E(lx) D(m)

1 1342 2.57

2 335 5.14

3 149 7.71

4 84 10.28

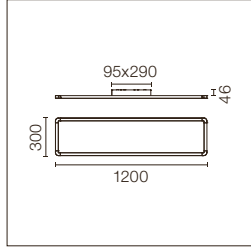
5 54 12.86

Luminous flux luminaire
3919 lm (EXTREME CUT OFF)

SUPER FLAT

Super Flat Surface 120x30 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Luminaire à LED d'éclairage général à installer au plafond. Source d'alimentation incluse.

Surface mounted general lighting LED luminaire. Power supply included.

3000K
Light Source:
Max. 6964 lm.
Efficacité du luminaire :
Max. 138 lm/W

3000K
Light Source:
Max. 6964 lm.
Luminous efficiency of luminaire:
Max. 138 lm/W

4000K
Light Source:
Max. 7660 lm.
Efficacité du luminaire :
Max. 151 lm/W.

4000K
Light Source:
Max. 7660 lm.
Luminous efficiency of luminaire:
Max. 151 lm/W.

Consommation totale du système: 56W.

Total consumption of the system: 56W.

3000K

Non Dimmable

09.6040.30B

09.6040.02B

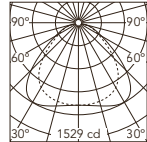
09.6040.14B

Dali Version

09.6040.30BDA

09.6040.02BDA

09.6040.14BDA



Luminous flux luminaire
4441 lm (EXTREME CUT OFF)

Beam Angle: 105°

h(m)	E(lx)	D(m)
1	1529	2.62
2	382	5.25
3	170	7.87
4	96	10.49
5	61	13.12

4000K

Non Dimmable

09.6041.30B

09.6041.02B

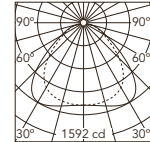
09.6041.14B

Dali Version

09.6041.30BDA

09.6041.02BDA

09.6041.14BDA



Luminous flux luminaire
4622 lm (EXTREME CUT OFF)

Beam Angle: 105°

h(m)	E(lx)	D(m)
1	1592	2.62
2	398	5.25
3	177	7.87
4	99	10.49
5	64	13.12

LIGHT BELL

DESIGNED BY PIERO LISSONI



LIGHT SOURCE
LED ARRAY
49,5W
5783 lm
2700K/CRI 90
6000 lm
3000K/CRI 90

Externe / Outside

□ 70 Blanc Mat
70 Matt White

■ AP Aluminium Poli
AP Polished Aluminium

■ AN Noir Anodisé
AN Anodized Black

Interne / Inside

■ Aluminium Anodisé
Anodized Aluminium

■ Aluminium Anodisé
Anodized Aluminium

■ Or
Gold



Externe / Outside

■ 18 Brun Foncé
18 Dark Brown

■ 7C Noir Mat
7C Matt Black

Interne / Inside

■ Or
Gold

■ Cuivre Galvanisé
Galvanic Copper



Externe / Interne
Outside / Inside

□ 76 Verre Transparent
76 Transparent Glass

■ CE Béton
CE Concrete



LIGHT BELL

Description

Luminaire suspendu d'éclairage général pour intérieurs. Avec source de lumière LED de dernière génération à haute efficacité et diffuseur thermoplastique technique à faibles pertes.

Le réflecteur du luminaire est livré séparément et disponible en aluminium repoussé dans différentes décorations et en verre transparent selon les versions. Source d'alimentation intégrée au corps du luminaire.

Unité d'Alimentation

Source d'alimentation à courant constant 220/240V intégrée.

Informations Complémentaires

Disponible en versions Dali et Dimmable Push.
Indice de protection IP20.
Classe d'isolation I.
Dissipateur type pin-block.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Suspended general lighting luminaire for indoor mounting. It has a high efficiency latest generation LED light source and a low-loss technical thermoplastic diffuser.

The reflector is supplied separately and is available in spun aluminium with different patterns, and in transparent glass, depending on the versions. Power supply source integrated into luminaire housing.

Power Supply

Integrated 220/240V constant voltage power supply source.

Additional Information

Available in Dali, and Dimmable Push versions.
IP20 protection grade.
Insulation class I.
Pin-block type dissipater.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



LIGHT BELL

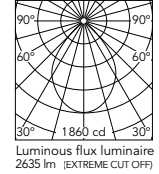
Light Bell Reflector



07.9630.18



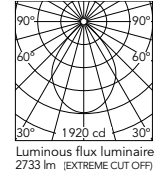
E I 2700K
07.9630.18
+
07.9641.14A



Beam Angle: 78°

h(m)	El(x)	D(m)
1	1860	1.61
2	465	3.22
3	207	4.84
4	116	6.45
5	74	8.06

E I 3000K
07.9630.18
+
07.9642.14A



Beam Angle: 78°

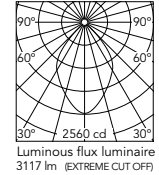
h(m)	El(x)	D(m)
1	1920	1.62
2	480	3.23
3	213	4.85
4	120	6.47
5	77	8.08



07.9630.7C



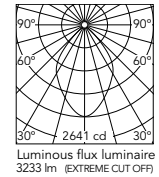
E I 2700K
07.9630.7C
+
07.9641.14A



Beam Angle: 73°

h(m)	El(x)	D(m)
1	2560	1.49
2	640	2.98
3	284	4.47
4	160	5.97
5	102	7.46

E I 3000K
07.9630.7C
+
07.9642.14A



Beam Angle: 74°

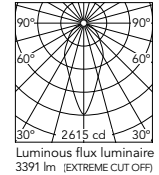
h(m)	El(x)	D(m)
1	2641	1.50
2	660	2.99
3	293	4.49
4	165	5.98
5	106	7.48



07.9630.76



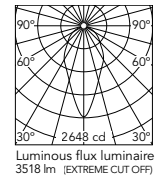
2700K
07.9630.76
+
07.9641.14A



Beam Angle: 44°

h(m)	El(x)	D(m)
1	2615	0.81
2	654	1.63
3	291	2.44
4	163	3.26
5	105	4.07

3000K
07.9630.76
+
07.9642.14A



Beam Angle: 46°

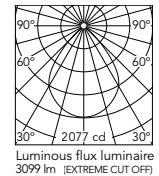
h(m)	El(x)	D(m)
1	2648	0.85
2	662	1.71
3	294	2.56
4	166	3.41
5	106	4.27



07.9630.CE



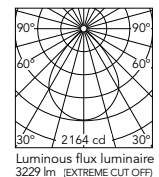
2700K
07.9630.CE
+
07.9641.14A



Beam Angle: 79°

h(m)	El(x)	D(m)
1	2077	1.66
2	519	3.32
3	231	4.97
4	130	6.63
5	83	8.29

3000K
07.9630.CE
+
07.9642.14A



Beam Angle: 79°

h(m)	El(x)	D(m)
1	2164	1.66
2	541	3.32
3	240	4.97
4	135	6.63
5	87	8.29

Accessoires / Accessories

Rosace d'alimentation pour intérieurs. IP20.

Rosette for indoors. IP20.



Non Dimmable
F0556020
Dimmable Push/"Dali
F0557020

* La version DALI F0557020 dispose d'un câble de 4 mètres, 5 pôles et une section de 0,75 mm². Ne comprend pas le câble de suspension.
* The F0557020 Dali version has a 4-meter cable, 5 poles and a 0.75mm² section. It does not include the suspension cable.

Rosace d'alimentation. IP54.
Comprend un câble de suspension de 4 mètres.

Rosette. IP54.
Includes a 4-meter suspension cable.



08.8775.40

FORT KNOX WALL LED

DESIGNED BY PHILIPPE STARCK



LIGHT SOURCE
POWER LED
32W
2896 lm
3000K/CRI 90
3256 lm
4000K/CRI 90



LIGHT SOURCE
POWER LED
25W
1985 lm
3000K/CRI 90
2133 lm
4000K/CRI 90

□ 40 Blanc
40 White

■ 05 Aluminium Poli
05 Polished Aluminium

■ 14 Noir/RAL 9005
14 Black



Description

Appareil d'éclairage pour installation au mur, à lumière indirecte.

Corps en alliage d'aluminium moulé sous pression poli à la main, protégé par un vernis liquide transparent ou verni en couleur blanche ou noire opaque.

Support mural en aluminium moulé sous pression.

Grâce à sa conception innovante, ce support permet un réglage vertical et horizontal jusqu'à 10 mm. Il garantit ainsi une installation parfaite sur toutes les surfaces. De plus, le produit possède un niveau à bulle qui permet une calibration impeccable du luminaire.

Réflecteurs

Grâce à son design adapté, la lentille permet une efficacité maximum du luminaire, ainsi qu'une distribution optimale de la lumière.

Unité d'Alimentation

Unité d'alimentation Non Dimmable, Dimmable 1-10V ou Dimmable Dali incorporée au corps principal du luminaire.

Informations Complémentaires

Indice de protection IP20.
Classe d'isolation I.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Luminaire for wall application designed for indirect lighting.

Die-cast aluminium alloy body with hand polished finish and protected with transparent liquid paint, or powder-coated white or matt black.

Wall support made in injected aluminium. Thanks to its innovative design, this holder allows both horizontal and vertical regulation up to 10 mm, ensuring a perfect installation on any type of surface. Additionally, this product includes a spirit level, allowing a perfect luminaire calibration.

Reflectors

Thanks to its adapted design, the asymmetrical lens allow luminaire's maximum efficiency and optimal light distribution.

Power Supply

Non Dimmable, Dimmable 1-10V or Dimmable Dali power source incorporated in the luminaire body.

Additional Information

IP20 protection grade.
Insulation class I.

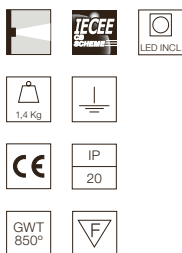
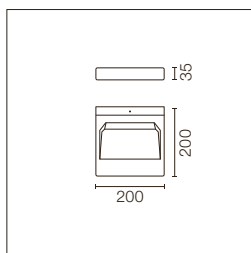
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

FORT KNOX WALL LED

Fort Knox Wall LED

Light Source: Power LED 32W - 2896 lm - 3000K/CRI 90 / 32W - 3256 lm - 4000K/CRI 90



Luminaire LED mural pour une lumière indirecte. Alimentation 220-240V intégrée au corps du luminaire.

Wall-mounted LED luminaire for indirect lighting. Power source 220-240V incorporated into luminaire's body.

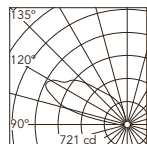
3000K

Dimmable 1-10V

- 09.2110.40A
- 09.2110.05A
- 09.2110.14A

Dali Version

- 09.2110.40ADA
- 09.2110.05ADA
- 09.2110.14ADA



Luminous flux luminaire
2481 lm
39° - C180 _____ 0
62° - C270 _____ 90

Beam Angle: 39°

h(m)	E(lx)	D(m)
1	721	3.39
2	180	6.77
3	80	10.16
4	45	13.55
5	29	16.94

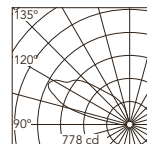
4000K

Dimmable 1-10V

- 09.2112.40A
- 09.2112.05A
- 09.2112.14A

Dali Version

- 09.2112.40ADA
- 09.2112.05ADA
- 09.2112.14ADA



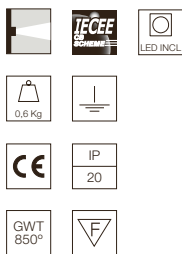
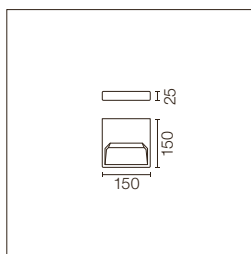
Luminous flux luminaire
2676 lm
39° - C180 _____ 0
62° - C270 _____ 90

Beam Angle: 39°

h(m)	E(lx)	D(m)
1	778	3.39
2	194	6.77
3	86	10.16
4	49	13.55
5	31	16.94

Fort Knox Wall LED Mini

Light Source: Power LED 25W - 1985 lm - 3000K/CRI 90 / 25W - 2133 lm - 4000K/CRI 90



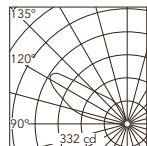
Luminaire LED mural pour une lumière indirecte. Alimentation 220-240V intégrée au corps du luminaire. Mains Dimming sous demande.

Wall-mounted LED luminaire for indirect lighting. Power source 220-240V incorporated into luminaire's body. Mains Dimming under request.

3000K

Non Dimmable

- 09.2125.40
- 09.2125.05
- 09.2125.14



Luminous flux luminaire
1440 lm
35° - C180 _____ 0
90° - C270 _____ 90

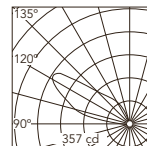
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	332	3.50
2	83	6.99
3	37	10.49
4	21	13.99
5	13	17.49

4000K

Non Dimmable

- 09.2127.40
- 09.2127.05
- 09.2127.14



Luminous flux luminaire
1548 lm
35° - C180 _____ 0
90° - C270 _____ 90

Beam Angle: 35°

h(m)	E(lx)	D(m)
1	357	3.50
2	89	6.99
3	40	10.49
4	22	13.99
5	14	17.49

THIN LED

DESIGNED BY FLOS ARCHITECTURAL



LIGHT SOURCE
TOP LED
20W/m
24V
1822 lm/m
3000K/CRI 85

□ 30 Blanc
30 White



■ 29 Aluminium Anodisé
29 Anodized Aluminium



■ BZ Bronze Anodisé
BZ Anodized Bronze



Modèle breveté et déposé / Patented and registered model.

Description

Luminaire mural pour éclairage indirect.
Corps en aluminium anodisé avec réflecteur intérieur optique en aluminium extra-pur. Installation aisée et extrêmement versatile. Le circuit imprimé se compose de modules articulés avec connecteur double par des contacts en argent. Cela garantit une alimentation électrique sûre et d'éviter que des dégâts ne se produisent pendant la phase d'assemblage. La LED utilisée, caractérisée par un pas serré et une émission de 120° avec le système de réflexion, offre une performance d'émission lumineuse très élevée et équilibrée. Grâce à un système de contrôle d'émission lumineuse breveté, la performance d'éclairage est réellement très élevée avec une distribution optimisée et très confortable de la lumière.

Unité d'Alimentation

Alimentation de 24V de 20 à 100W (pour 3 mètres de longueur).
Système de contrôle avec dimmer 1-10V ou Dali.

Informations Complémentaires

Modules des LED : 404 mm - 1201 mm - 1034 mm - 2040 mm - 2541 mm - 3042 mm.
Modules aveugles : 1034 mm.
Longueur de connexion max. : 3044 mm.
Couvertures latérales incluses.
Indice de protection IP20.
Classe d'isolation III.
Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Wall application luminaire for indirect lighting. Anodised aluminium housing with internal super-pure optical aluminium reflector. Very easy to install and extremely versatile. The printed circuit is made of jointed modules with double connector through silver contacts. This ensure a safe power supply avoiding damages which could be caused during assembling phase. The utilized LED, with a very tight pitch and a 120° emission, together with the reflection system, grant a very high and even lighting emission performance. Thanks to a patented light emission control system, the light fitting performance is really high, with an optimized and very comfortable light distribution.

Power Supply

24V power supplies available with a power of between 20W and 100W (3 metres in length).
Control system with 1-10V dimmer or Dali available.

Additional Information

Led modules: 404 mm - 1201 mm - 1034 mm - 2040 mm - 2541 mm - 3042 mm.
Blind module: 1034 mm.
Max connection length 3044 mm.
Side covers included.
IP20 protection grade.
Classe d'isolation III.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

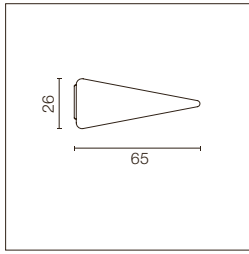


520

THIN LED

Thin LED

Light Source: Top LED 20W/m - 24V - 1822 lm/m - 3000K/CRI 85



Applique murale pour éclairage indirect à LED. Driver déporté non inclus.

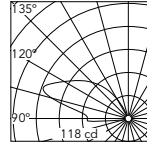
Wall application luminaire for indirect lighting with LED. Remote transformer not included.



L: 404 mm

6,8W - 711 lm - 16 LEDs

- 09.0045.30B
- 09.0045.29B
- 09.0045.BZB



Luminous flux luminaire
621 lm

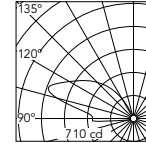
Beam Angle: 101°

h(m)	E(lx)	D(m)
1	118	6.46
2	30	12.92
3	13	19.38
4	7	25.84
5	5	32.30

L: 2040 mm

41W - 4266 lm - 84 LEDs

- 09.0101.30B
- 09.0101.29B
- 09.0101.BZB



Luminous flux luminaire
3726 lm

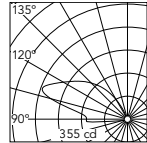
Beam Angle: 101°

h(m)	E(lx)	D(m)
1	710	6.46
2	178	12.92
3	79	19.38
4	44	25.84
5	28	32.30

L: 1034 mm

20,5W - 2133 lm - 42 LEDs

- 09.0100.30B
- 09.0100.29B
- 09.0100.BZB



Luminous flux luminaire
1863 lm

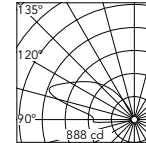
Beam Angle: 101°

h(m)	E(lx)	D(m)
1	355	6.46
2	89	12.92
3	39	19.38
4	22	25.84
5	14	32.30

L: 2541 mm

47,8W - 5250 lm - 105 LEDs

- 09.0102.30B
- 09.0102.29B
- 09.0102.BZB



Luminous flux luminaire
4657 lm

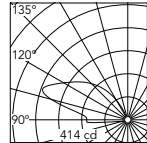
Beam Angle: 101°

h(m)	E(lx)	D(m)
1	888	6.46
2	222	12.92
3	99	19.38
4	55	25.84
5	36	32.30

L: 1201 mm

23,9W - 2450 lm - 55 LEDs

- 09.0120.30B
- 09.0120.29B
- 09.0120.BZB



Luminous flux luminaire
2173 lm

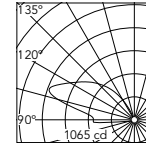
Beam Angle: 101°

h(m)	E(lx)	D(m)
1	414	6.46
2	104	12.92
3	46	19.38
4	26	25.84
5	17	32.30

L: 3042 mm

61,5W - 6399 lm - 126 LEDs

- 09.0103.30B
- 09.0103.29B
- 09.0103.BZB



Luminous flux luminaire
5588 lm

Beam Angle: 101°

h(m)	E(lx)	D(m)
1	1065	6.46
2	266	12.92
3	118	19.38
4	67	25.84
5	43	32.30

L: 1034 mm BLIND*

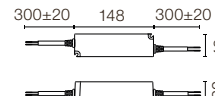
- 09.0104.30B
- 09.0104.29B
- 09.0104.BZB

* Pour créer des lignes de profilé continues / To create continuous profile lines.

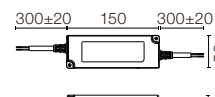
Appareillages électriques / Drivers

Transformateur électronique à tension constante (24V) pour LED. 100/240V.

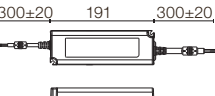
Electronic transformer with constant voltage (24V) for LED. 100/240V.



25W
60.8703



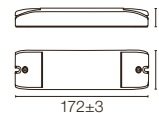
60W
60.9089



120W
60.9407

Unité de contrôle dimmable 1-10V avec 1 canal pour les modules LED 24V. Appareil d'alimentation non inclus. Max. 120W - 5A.

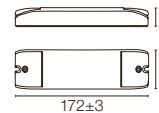
Dimmable 1-10V control unit with 1 channel for 24V LED modules. Power supply not included. Max. 120W - 5A.



60.8640

Unité de contrôle dimmable Dali avec 1 canal pour les modules LED 24V. Appareil d'alimentation non inclus. Longueur maxi 5 m/92,5W.







Dimmable Dali control unit with 1 channel for 24V LED modules. Power supply not included. Maximum length 5 m/92,5W.



60.8635

WALL SYSTEM

DESIGNED BY ANTONIO CITTERIO

BACK 1	BACK 1 OPTICAL SWITCH	BACK 2	UP&DOWN	MINIKELVIN WALL FLEX	MINIKELVIN FLEX
					
LIGHT SOURCE TOP LED 6W 426 lm 3000K/CRI 80		LIGHT SOURCE TOP LED 8W 553 lm 3000K/CRI 80		LIGHT SOURCE POWER LED 4W 2X150 lm 3000K/CRI 82	
				LIGHT SOURCE TOP LED 4W 216 lm 3000K/CRI 85	

Wall System

■ 57 Chromé
57 Chrome



Minikelvin

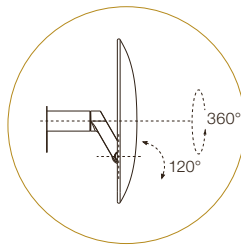
□ 09 Blanc
09 White

■ 57 Chromé
57 Chrome

■ 30 Noir
30 Black



Peut être pivoté à 360° et orienté à 120°.
Can be rotated 360° and swivelled 120°.



Description

Famille d'appliques murales à lumière indirecte (Wall System Back), directe bi-émission (Wall System up&down) et à lumière diffuse (Wall System Minikelvin Flex et Minikelvin Wall Flex).

- Wall System Back et Wall System Up&Down:

Corps en aluminium moulé sous pression finition chromé, fixation murale en PC moulé par injection. Le diffuseur est en méthacrylate moulé par injection, photogravé à l'intérieur.

- Wall System Minikelvin Flex:

Tête en aluminium moulé sous pression chromé ou peint (blanc / noir) monté sur tube flexible, diffuseur en méthacrylate photogravé à l'extérieur avec bord aluminisé. Pour les modèles Back, Up&Down et Minikelvin Flex, deux versions sont proposées : encastrée avec driver intégré et patère ronde (ø125) finition aluminium, blanc ou noir, ou encastrée avec driver à distance, à ras de mur sans patère. La version avec driver intégré s'utilise avec un boîtier d'encastrement classique pour maçonnerie ou placoplâtre, facile à trouver en Europe; concernant le marché américain, le driver est placé dans la J-box standard.

- Minikelvin Wall Flex:

Tête en aluminium moulé sous pression chromé ou peint (blanc / noir) montée sur tube flexible, diffuseur en méthacrylate photogravé à l'extérieur avec bord aluminisé. Fixation murale en PC moulé par injection.

Unité d'Alimentation

Les versions avec driver intégré sont équipées d'un transformateur électronique de dernière génération.

Informations Complémentaires

Indice de protection IP20.

Classe d'isolation III.

Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Range of indirect-illumination (Wall System Back), dual-emission, direct-illumination (Wall System up&down) and diffuse illumination (Wall System Minikelvin Flex and Minikelvin Wall Flex) wall-mounted lighting devices.

- Wall System Back and Wall System Up&Down:

Body in die-cast aluminium with chrome finish, wall attachment in injection-stamped PC. The diffuser is in injection-stamped, internally photo-etched methacrylate.

- Wall System Minikelvin Flex:

Die-cast head in chrome finish or painted (black / white) mounted on flexible tube, diffuser in methacrylate externally photo-etched with aluminate frame.

For the Back, Up&Down and Minikelvin Flex models, two versions are available: recessed with integrated driver, which takes round wall ornamentals (ø125) in aluminium, white or black colour, or recessed with remote driver, flush with wall without ornamental. The version with integrated driver uses as casing either masonry boxes or plaster board, widely available all over Europe. For the US market, housing in the standard J-box is envisaged.

- Minikelvin Wall Flex:

Die-cast head in chrome finish or painted (black / white) mounted on flexible tube, diffuser in methacrylate externally photo-etched with aluminate frame. Wall attachment in injection-stamped PC.

Power Supply

Versions with integrated driver have a latest-generation electronic transformer.

Additional Information

IP20 protection grade.

Insulation class III.

Suitable for installation on normally inflammable surfaces.

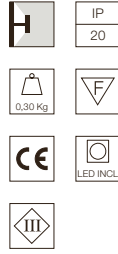
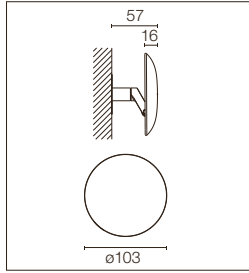
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

WALL SYSTEM

Wall System Back 1 Remote Power Supply

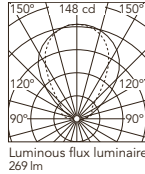
Light Source: Top LED 6W - 426 lm - 3000K/CRI 80



Applique à lumière indirecte pour installation à ras de mur avec driver à distance.

Indirect-illumination lighting device for installation flush with the wall with remote driver.

F9492057

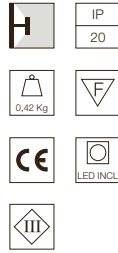
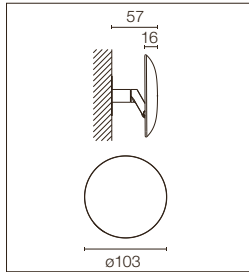


Beam Angle: 70°

h(m)	E(lx)	D(m)
1	148	2.05
2	37	4.10
3	16	6.16
4	9	8.21
5	6	10.26

Wall System Back 1 Power Supply Integrated

Light Source: Top LED 6W - 426 lm - 3000K/CRI 80



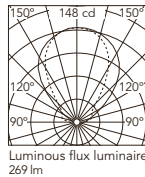
Applique murale à lumière indirecte avec driver intégré et une patène ronde (ø125).

Indirect-illumination lighting device for wall mounting with integrated driver and with round ornamental (ø125).

Voir les accessoires proposés.

See available accessories.

F9494057

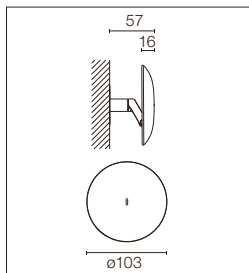


Beam Angle: 70°

h(m)	E(lx)	D(m)
1	148	2.05
2	37	4.10
3	16	6.16
4	9	8.21
5	6	10.26

Wall System Back 1 Remote Power Supply Optical Switch

Light Source: Top LED 6W - 426 lm - 3000K/CRI 80



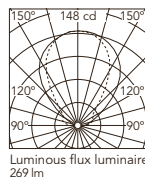
Applique à lumière indirecte pour installation à ras de mur avec driver à distance.

Indirect-illumination lighting device for installation flush with the wall with remote driver.

ON/OFF avec technologie Soft Touch et réglage du flux lumineux double intensité (100% - 50% - 0%).

ON/OFF switch with Soft Touch technology and light flow adjustment to 2 intensities (100% - 50% - 0%).

F9493057



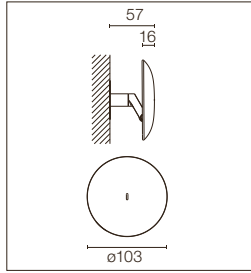
Beam Angle: 70°

h(m)	E(lx)	D(m)
1	148	2.05
2	37	4.10
3	16	6.16
4	9	8.21
5	6	10.26

WALL SYSTEM

Wall System Back 1 Power Supply Integrated Optical Switch

Light Source: Top LED 6W - 426 lm - 3000K/CRI 80



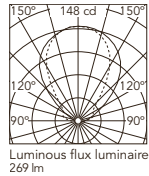
Applique murale à lumière indirecte avec driver intégré et une patère ronde (ø125).
ON/OFF avec technologie Soft Touch et réglage du flux lumineux double intensité (100% - 50% - 0%).

Indirect-illumination lighting device for wall mounting with integrated driver and with round ornamental (ø125). ON/OFF switch with Soft Touch technology and light flow adjustment to 2 intensities (100% - 50% - 0%).

Voir les accessoires proposés.

See available accessories.

F9497057

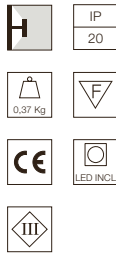
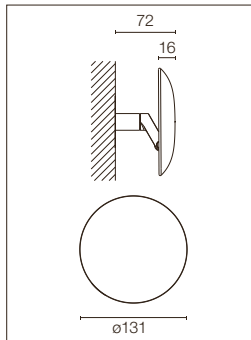


Beam Angle: 70°

h(m)	E(lx)	D(m)
1	148	2.05
2	37	4.10
3	16	6.16
4	9	8.21
5	6	10.26

Wall System Back 2 Remote Power Supply

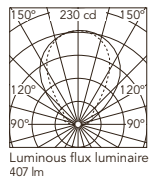
Light Source: Top LED 8W - 553 lm - 3000K/CRI 80



Applique à lumière indirecte pour installation à ras de mur avec driver à distance.

Indirect-illumination lighting device for installation flush with the wall with remote driver.

F9466057

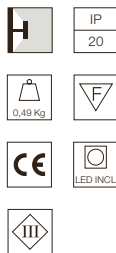
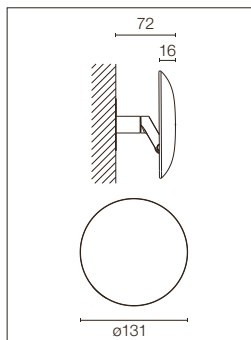


Beam Angle: 70°

h(m)	E(lx)	D(m)
1	230	2.07
2	57	4.14
3	26	6.21
4	14	8.28
5	9	10.35

Wall System Back 2 Power Supply Integrated

Light Source: Top LED 8W - 553 lm - 3000K/CRI 80



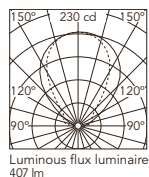
Applique murale à lumière indirecte avec driver intégré et une patère ronde (ø125).

Indirect-illumination lighting device for wall mounting with integrated driver and with round ornamental (ø125).

Voir les accessoires proposés.

See available accessories.

F9467057



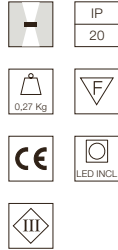
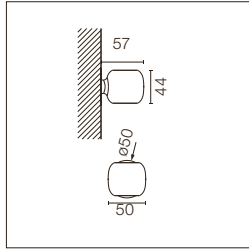
Beam Angle: 70°

h(m)	E(lx)	D(m)
1	230	2.07
2	57	4.14
3	26	6.21
4	14	8.28
5	9	10.35

WALL SYSTEM

Wall System Up&Down Remote Power Supply

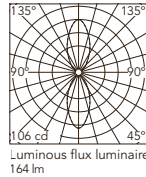
Light Source: Power LED 4W - 2x150 lm - 3000K/CRI 82



Applique bi-émission pour installation à ras de mur avec driver à distance.

Lighting device with dual emission bulb for installation flush with the wall with remote driver.

F9477057

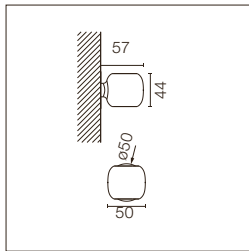


Beam Angle DIR: 49°

h(m)	E(lx)	D(m)
1	106	0.92
2	26	1.83
3	12	2.75
4	7	3.66
5	4	4.58

Wall System Up&Down Power Supply Integrated

Light Source: Power LED 4W - 2x150 lm - 3000K/CRI 82



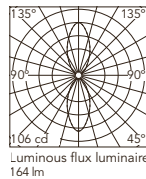
Applique murale bi-émission avec driver intégré et une patère ronde (ø125).

Lighting device with dual emission bulb for wall mounting with remote driver and with round ornamental (ø125).

Voir les accessoires proposés.

See available accessories.

F9474057

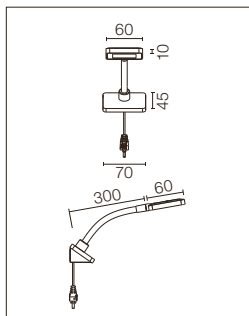


Beam Angle DIR: 49°

h(m)	E(lx)	D(m)
1	106	0.92
2	26	1.83
3	12	2.75
4	7	3.66
5	4	4.58

Minikelvin Wall Flex

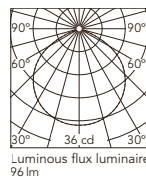
Light Source: Top LED 4W - 216 lm - 3000K/CRI 85



Applique à lumière diffuse. Fixation murale en aluminium moulé sous pression. L'alimentation est placée sur la prise et la longueur du câble utile est de 200 cm. Interrupteur ON/OFF avec technologie Soft Touch et réglage du flux lumineux double intensité (100% - 50% - 0%).

Diffuse illumination lighting device for wall mounting Wall attachment in die-cast aluminium. The adaptor is on the plug and the useful cable length is 200 cm. ON/OFF switch with Soft Touch technology and light flow adjustment to 2 intensities (100% - 50% - 0%).

F4185009
F4185057
F4185030



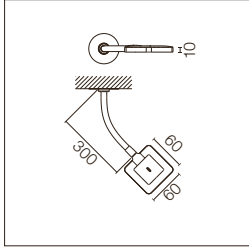
Beam Angle: 111°

h(m)	E(lx)	D(m)
1	36	2.89
2	9	5.77
3	4	8.66
4	2	11.55
5	1	14.44

WALL SYSTEM

Wall System Minikelvin Flex Remote Power Supply

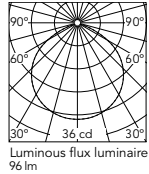
Light Source: Top LED 4W - 216 lm - 3000K/CRI 85



Applique à lumière diffuse pour installation à ras de mur avec driver à distance. Interrupteur ON/OFF avec technologie Soft Touch et réglage du flux lumineux double intensité (100% - 50% - 0%).

Diffuse illumination lighting device for installation flush with the wall with remote driver. ON/OFF switch with Soft Touch technology and light flow adjustment to 2 intensities (100% - 50% - 0%).

- F9478009
- F9478057
- F9478030

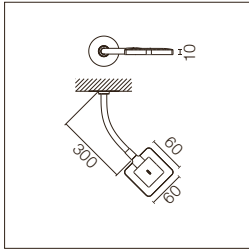


Beam Angle: 111°

h(m)	E(lx)	D(m)
1	36	2.89
2	9	5.77
3	4	8.66
4	2	11.55
5	1	14.44

Wall System Minikelvin Flex Power Supply Integrated

Light Source: Top LED 4W - 216 lm - 3000K/CRI 85



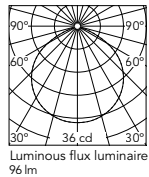
Applique murale à lumière diffuse avec driver intégré et une patère ronde (ø125). ON/OFF avec technologie Soft Touch et réglage du flux lumineux double intensité (100% - 50% - 0%).

Diffuse illumination lighting device for installation flush with the wall with integrated driver and with round ornamental (ø125). ON/OFF switch with Soft Touch technology and light flow adjustment to 2 intensities (100% - 50% - 0%).

Voir les accessoires proposés.

See available accessories.

- F9463009
- F9463057
- F9463030



Beam Angle: 111°

h(m)	E(lx)	D(m)
1	36	2.89
2	9	5.77
3	4	8.66
4	2	11.55
5	1	14.44

Accessoires / Accessories

Boitier d'encastrement à 3 modules à pour béton, dim. 119x80x50 mm.

3-Module flush mounted box for masonry, measuring 119x80x50 mm.



80.8067

Boitier d'encastrement à 3 modules pour placo-plâtre, dim. 110.2x68.8x53.7 mm.

3-Module flush mounted box for plaster-board wall, measuring 110.2x68.8x53.7 mm.

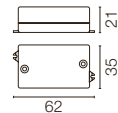


80.8006

Appareillages / Drivers

Transformateur électronique à tension constante (24V) pour LED. 220/240V, 50/60Hz.

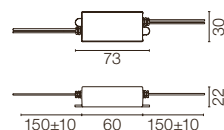
Electronic transformer with constant voltage (24V) for LED. 220/240V, 50/60Hz.



8W - Remote installation
60.8079

Transformateur électronique à tension constante (24V) pour LED. 110/240V, 50/60Hz.

Electronic transformer with constant voltage (24V) for LED. 110/240V, 50/60Hz.



60.9157



LIGHT SOURCE
TOP LED
1,2W
105 lm
3000K/CRI 90

30 Blanc
30 White



29 Aluminium
Anodisé
29 Anodized
Aluminium



55 Acier
Inoxydable
55 Stainless
Steel



BZ Bronze
BZ Bronze



AN Noir
Anodisé
AN Anodized
Black



Couleurs de la Lumière
Light Colours

Lumière Blanche
White Light



Lumière Ambre
Amber Light



Description

Eclairage de balisage semi encastré pour le montage à l'intérieur en toutes ses décorations, sauf l'acier inoxydable, aussi appropriée à un usage à l'extérieur. Equipé de LED de dernière génération pour répondre aux différents besoins de balisage de passages ou d'escaliers. Disponible en différentes couleurs de lumière grâce à un diffuseur interne de couleur. Le corps de l'appareil est en acier inoxydable ou bronze.

Unité d'Alimentation

Alimentation à courant constant non comprise. A commander séparément.
Il est possible d'installer de 6 à 15 G-O avec les alimentations recommandées.

Accessoires

Accessoire en aluminium extrudé pour encastrement dans le béton.

Informations Complémentaires

Indice de protection IP65.
Classe d'isolation III.
Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Embedded light fixture for indoor use in all its finishes, except stainless steel which is suitable for outdoor use. Available with next-generation LED light source, suitable for responding to diverse signalling needs on pathways or stairways. Available in different light shades, through coloured internal diffuser. Light body made of aluminium, stainless steel or machined bronze.

Power Supply

Constant voltage power supply not included, available as an accessory.
Up to 6 or 15 G-O can be installed with the recommended power sources.

Accessories

With extruded aluminium accessories for embedding in concrete walls.

Additional Information

IP65 protection grade.
Insulation class III.
Suitable for installation on normally inflammable surfaces.

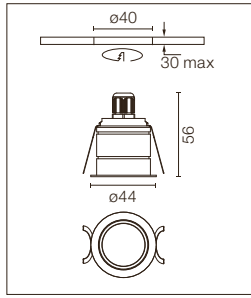
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



G-O

Light Source: Top LED 1,2W - 24V - 105 lm - 3000K/CRI 90



Driver pour installation à distance accessible : ne passe pas par le trou d'installation de la lampe.

Semi recessed signalling lamp for indoor use on ceiling/wall. Power supply not included. 1000 mm power cable included.

Semi recessed signalling lamp for indoor use on ceiling/wall. Power supply not included. 1000 mm power cable included.

Equipment for remote installation in an accessible place: it does not fit through the luminarie installation hole.

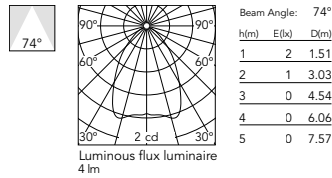
Alimentations recommandées :
 Non Dimmable 110-240V
 Non Dimmable 220-240V
 Dali Controler

Recommended power supply:
 60.9157 (8W)
 60.8703 (25W)
 60.8635

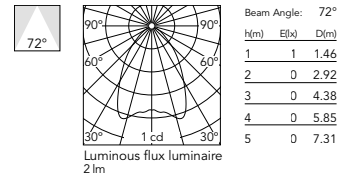
Pour une installation DALI, prévoir un équipement non variable et le contrôleur DALI.

For Dali installation, the non-dimmable kit and the Dali controller are needed.

- Lumière Blanche/White Light
- 09.3200.30A
 - 09.3200.29A
 - 09.3200.55A
 - 09.3200.BZA
 - 09.3200.ANA



- Lumière Ambre/Amber Light
- 09.3201.30A
 - 09.3201.29A
 - 09.3201.55A
 - 09.3201.BZA
 - 09.3201.ANA



Accessoires / Accessories

Boîtier d'encastrement en aluminium anodisé pour l'installation à l'extérieur.

Housing for recessed installation made in anodized aluminium for outdoor installation.



08.8422.00

THE BLOCK OF LIGHT

DESIGNED BY KNUD HOLSCHER



LIGHT SOURCE
POWER LED
2,2W
154 lm
3000K/CRI 80

□ 01 Blanc Mat
01 Matt White

■ 72 Gris
72 Grey

■ 04 Noir Mat
04 Matt Black



Description

Appareil d'éclairage encastré pour l'intérieur ou l'extérieur (degré de protection IP65). Equipé de LED de dernière génération pour répondre aux différents besoins en balisage de chemin ou en escaliers. Pièce frontale en aluminium peint en blanc mat, gris ou noir mat.

Unité d'Alimentation

Alimentation à courant constant 100/240V, 50/60Hz non réglable intégrée. Alimentation à 700 mA.

Accessoires

Accessoires en acier galvanisé pour encastrement dans le béton.

Informations Complémentaires

Indice de protection IP65.
Classe d'isolation I.
Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Embedded light fixture designed for indoor or outdoor use (IP65 protection grade). Available with next-generation LED light source in response to diverse signalling needs on pathways or stairways. Front made of aluminium with finish in matt white, grey or matt black.

Power Supply

Built-in, non-regulable constant current power supply of 100/240V, 50/60Hz. 700 mA current.

Accessories

Has galvanised steel accessories for embedding in concrete walls.

Additional Information

IP65 protection grade.
Insulation class I.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

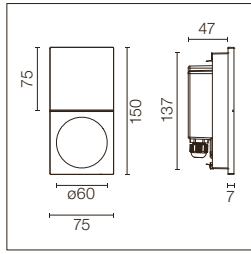
EN60598-1 European Technical Standards and any subsequent additions.



THE BLOCK OF LIGHT

TheBlockofLight

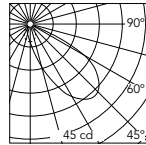
Light Source: Power LED 2,2W - 154 lm - 3000K/CRI 80



Appareil d'éclairage de balisage semi encastré pour l'intérieur ou l'extérieur. Alimentation non réglable 100-240V, 50-60Hz intégrée. Fourni avec câble d'alimentation de 500 mm.

Semi-recessed signalling lamp for indoor or outdoor use. Non-regulable 100-240V, 50-60Hz power supply and 500 mm power cable included.

□ 09.3310.01B

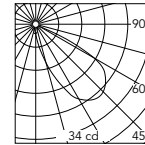


Beam Angle: 53°

h(m)	E(lx)	D(m)
1	45	1.69
2	11	3.37
3	5	5.06
4	3	6.75
5	2	8.43

Luminous flux luminaire
70 lm

■ 09.3310.72B

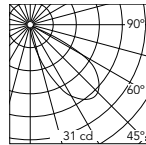


Beam Angle: 52°

h(m)	E(lx)	D(m)
1	34	1.70
2	9	3.41
3	4	5.11
4	2	6.81
5	1	8.52

Luminous flux luminaire
43 lm

■ 09.3310.04B



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	31	1.56
2	8	3.13
3	3	4.69
4	2	6.25
5	1	7.82

Luminous flux luminaire
33 lm

Accessoires / Accessories

Boîtier pour encastrer dans le béton.

Can for embedding in concrete.



08.8423.00

GIANO

DESIGNED BY RODOLFO DORDONI

GIANO
Ø100



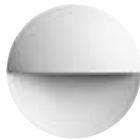
LIGHT SOURCE
POWER LED
1W
77 lm
3000K/CRI 80

GIANO
Ø220

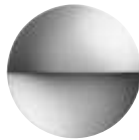


LIGHT SOURCE
POWER LED
6W
650 lm
3000K/CRI 80

□ 01 Blanc Mat
01 Matt White
RAL 9010



■ 72 Gris
72 Grey
RAL 9006



■ 04 Noir Mat
04 Matt Black
RAL 9011



■ 18 Brun Foncé
18 Dark Brown



Description

Famille d'appareils de balisage pour l'extérieur et l'intérieur disponible en diamètres 100 mm et 220 mm. Corps en alliage d'aluminium moulé sous pression. Peinture antioxydante à haute résistance à la corrosion. Diffuseur en polycarbonate opalin offrant une lumière uniforme.

Unité d'Alimentation

Transformateur électronique à courant constant non réglable 100/240V - 50/60Hz.

Accessoires

Corps en thermoplastique pour installation sur mur en béton.

Informations Complémentaires

Indice de protection IP65.
Classe d'isolation I.
Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Lampe conforme à la Norme
Technique Européenne EN60598-1 et ses annexes.

Description

Family of luminaires for both interior and exterior signaling available in two sizes 100 mm and 220 mm. Main body injected in alloy aluminium under pressure. Anti-rust paint finish made in high resistance to corrosion. It has an opal polycarbonate diffuser to obtain a uniform light.

Power Supply

Constant current non-adjustable electronic transformer 100/240V - 50/60Hz.

Accessories

Thermoplastic housing for concrete wall installation.

Additional Information

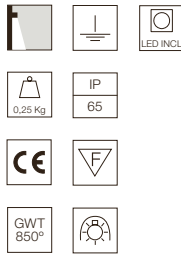
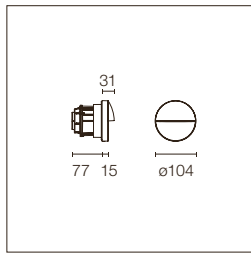
IP65 protection grade.
Insulation class I.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

Giano Ø100

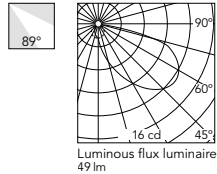
Light Source: Power LED 1W - 77 lm - 3000K/CRI 80



Appareil d'éclairage de balisage encastré pour l'intérieur ou l'extérieur. Alimentation 100-240V, 50-60Hz incluse.

Recessed signalling lamp for indoor or outdoor use. Non-regulable 100-240V, 50-60Hz power supply included.

- 09.3000.01B
- 09.3000.72B
- 09.3000.04B
- 09.3000.18B

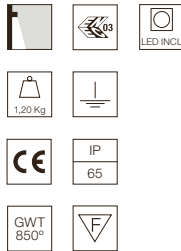
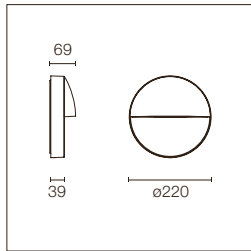


Beam Angle: 89°

h(m)	E(lx)	D(m)
1	16	4.17
2	4	8.34
3	2	12.51
4	1	16.68
5	1	20.86

Giano Ø220

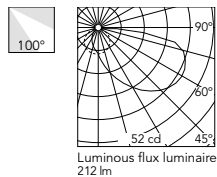
Light Source: Power LED 6W - 650 lm - 3000K/CRI 80



Appareil d'éclairage de balisage en surface pour l'intérieur ou l'extérieur. Alimentation 100-240V, 50-60Hz incluse.

Surface signalling lamp for indoor or outdoor use. Non-regulable 100-240V, 50-60Hz power supply included.

- 09.3001.01B
- 09.3001.72B
- 09.3001.04B
- 09.3001.18B



Beam Angle: 100°

h(m)	E(lx)	D(m)
1	52	10.35
2	13	20.70
3	6	31.04
4	3	41.39
5	2	51.74

Accessoires / Accessories

Accessoire pour installation sur béton Ø100.

Accessory for concrete installation for Ø100.



08.8261.00

BOX

DESIGNED BY PIERO LISSONI

BOX



LIGHT SOURCE
POWER LED
5W
500 lm
3000K/CRI 80

LIGHT SOURCE
TC-DEL
G24Q
18/26W

MINI BOX



LIGHT SOURCE
POWER LED
2W
110 lm
3000K/CRI 80

LIGHT SOURCE
QT-14
G9
max 25W

LIGHT SOURCE
QT-9
G4
20W

□ 01 Blanc Mat
01 Matt White
RAL 9010

■ 72 Gris
72 Grey
RAL 9006

■ 04 Noir Mat
04 Matt Black
RAL 9011

■ 18 Brun Foncé
18 Dark Brown



BOX

Description

Famille de lampes de balisage pour extérieurs et intérieurs disponibles en deux dimensions: 100x100 mm et 236x256 mm. Cadre inférieur en aluminium moulé sous pression. Recouvert d'une peinture antioxydante très résistante à la corrosion. Corps postérieur en technopolymère moulé par injection très résistant. Diffuseur en polycarbonate pour protection de la lampe. Joints en silicone. Vis en acier inoxydable. Presse-câble de type PG7 ou PG11.

Réflecteurs

Réflecteurs asymétriques en aluminium anodisé de couleur argent avec finition brillante.

Unité d'Alimentation

- Conventionnelle à très faible déperdition, comprise dans les versions fluorescentes et QT-9.
- Les versions LED sont équipées d'un transformateur électronique de dernière génération.

Accessoires

Accessoires d'installation à encastrer ou à ras du mur pour Box et Mini Box.

Accessoire en fer peint par poudre avec système frontal réversible en plastique. Selon la position du système frontal, le Box/Mini Box peut être installé à ras du mur ou en surface.

Informations Complémentaires

Indice de protection IP65.
Classe d'isolation I, II selon les versions.
Peut être installé sur des surfaces normalement inflammables.

Conformité et Labels de Qualité

Luminaire conforme à la Norme Technique Européenne EN60598-1 et ses annexes.

Description

Range of indoor and outdoor guidelights in two sizes: 100x100 mm and 236x256 mm. Die-cast aluminum front ring. High corrosion-resistance anti-oxidizing paint. High-resistance injection-moulded engineering plastic. Polycarbonate diffuser for lamp protection. Silicone seals. Stainless steel screws. PG7 or PG11 cable glands.

Reflectors

Anodized aluminum asymmetrical reflectors painted silver with glossy finish.

Power Supply

- The LED versions incorporate an electronic transformer of last generation.
- Conventional feeding low loss unit included in fluorescence versions of and QT-9.

Accessories

Installation accessory embedded or leveled to wall for the Box and the Mini Box.
Accessory made of iron powder-coated painted with plastic reversible front. The Box/Mini Box will be leveled to wall or on surface depending on the position of the front accessory.

Additional Information

IP65 protection grade.
Insulation class I, II depending on the versions.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

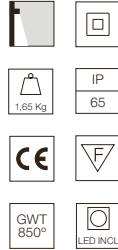
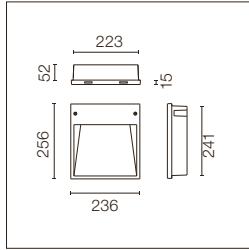
EN60598-1 European Technical Standards and any subsequent additions.



BOX

Box

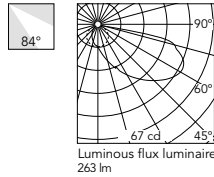
Light Source: Power LED 5W - 500 lm - 3000K/CRI 80



Appareil d'éclairage de balisage semi encastré pour l'intérieur ou l'extérieur. Avec alimentation 220-240V, 50-60Hz non réglable.

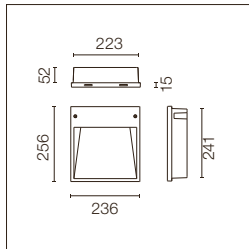
Semi-recessed signalling lamp for indoor or outdoor use. 220-240V, 50-60Hz non-regulable power supply included.

- 07.9007.01B
- 07.9007.72B
- 07.9007.04B
- 07.9007.18B



Box

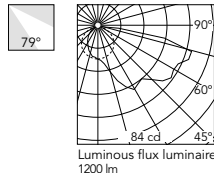
Light Source: TC-DEL G24Q - 18/26W



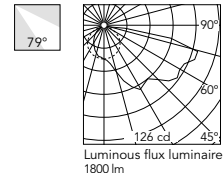
Appareil d'éclairage de balisage encastré pour l'intérieur ou l'extérieur. Appareil de commande électronique intégré.

Recessed signalling lamp for indoor or outdoor use. Electronic control gear integrated.

- 18W
- 07.9000.01.E3
- 07.9000.72.E3
- 07.9000.04.E3
- 07.9000.18.E3

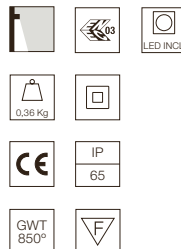
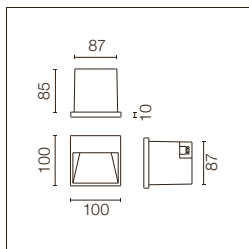


- 26W
- 07.9001.01.E3
- 07.9001.72.E3
- 07.9001.04.E3
- 07.9001.18.E3



Mini Box

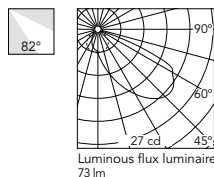
Light Source: Power LED 2W - 110 lm - 3000K/CRI 80



Appareil d'éclairage de balisage semi encastré pour l'intérieur ou l'extérieur. Avec alimentation 100-240V, 50-60Hz non réglable.

Semi-recessed signalling lamp for indoor or outdoor use. 100-240V, 50-60Hz non-regulable power supply included.

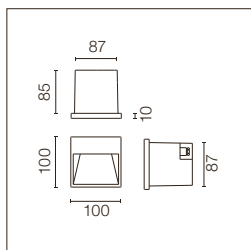
- 07.9006.01B
- 07.9006.72B
- 07.9006.04B
- 07.9006.18B



BOX

Mini Box

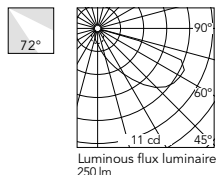
Light Source: QT-14 G9 - max 25W



Appareil d'éclairage de balisage encastré pour l'intérieur ou l'extérieur. Niveau de protection élevé

Recessed signalling lamp for indoor or outdoor use. Main voltage light source.

- 07.9005.01
- 07.9005.72
- 07.9005.04
- 07.9005.18

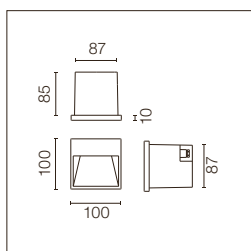


Beam Angle: 72°

h(m)	E(lx)	D(m)
1	11	3.05
2	3	6.11
3	1	9.16
4	1	12.22
5	0	15.27

Mini Box

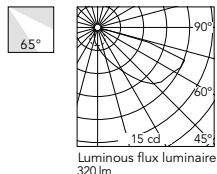
Light Source: QT-9 G4 - 20W



Appareil d'éclairage de balisage encastré pour l'intérieur ou l'extérieur. Transformateur incorporé pour la version 12V.

Recessed signalling lamp for indoor or outdoor use. Conventional transformer integrated.

- 07.9004.01
- 07.9004.72
- 07.9004.04
- 07.9004.18



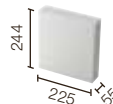
Beam Angle: 65°

h(m)	E(lx)	D(m)
1	15	3.31
2	4	6.63
3	2	9.94
4	1	13.26
5	1	16.57

Accessoires / Accessories

Moule en polyuréthane de forte densité pour une installation sur ciment.

High density polystyrene matched die for installation on cement.



80.1318

Moule en polyuréthane de forte densité pour une installation sur ciment.

High density polystyrene matched die for installation on cement.



80.1332

Boîtier de dérivation étanche IP67.

IP67 junction box: to be used for the power connection.



08.8012.00

Accessoire pour installation du Box à ras de mur.

Accessory for flush wall installation for Box.



08.8256.00

Accessoire pour installation du Mini Box à ras de mur.

Accessory for flush wall installation for Mini Box.



08.8246.00

FAST & PERFECT

SYSTEME D'INSTALLATION / INSTALLATION SYSTEM

Système d'installation exclusif Flos pour downlight sans cadre. Scie circulaire brevetée pour percer des trous circulaires à double niveau rapides et précis. Résultat uniforme dans toutes les installations, y compris en cas de plaques d'épaisseurs inégales. Grâce aux cadres spécifiques de montage, ce système peut s'utiliser pour les modèles ronds ou carrés. Il permet de réduire le temps d'installation jusqu'à 50%.

Flos exclusive installation system for trimless downlights. Patented round hole saw to drill quick and precise double level installation holes. Uniform results throughout out the whole installation, even in the case of uneven plasterboard thickness. Thanks to specific installation rings, this system applies to both round and square downlights, and can be installed up to 50% faster.

Cadre de montage pour downlight sans cadre (ronds et carrés):
Installation ring available for round and square trimless downlights:

Kap 80 (Round/Square)
Kap 105 (Round)
Johnny 80 (Round/Square)



FAST&PERFECT

SYSTEME D'INSTALLATION / INSTALLATION SYSTEM



Dents en acier en quinconce : les dents ont été conçues pour faciliter l'élimination des résidus de découpe du placo-plâtre.

Stepped steel teeth: this design facilitates the removal of any cutting remains from the plasterboard.

Roues d'espacement garantissant un bord constant. Perforation et résultat identiques, même sur des plaques de placo-plâtre d'épaisseurs différentes.

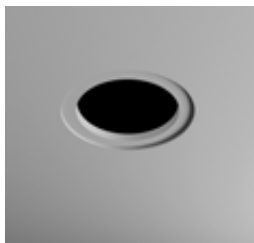
Spacer wheels to ensure constant rebate edge. The drill and installation have the same result when used with with different plasterboard thickness.

Double scie circulaire en acier inoxydable avec dents spécialement conçues pour découper le carton, le plâtre et le papier.

Double stainless steel round saw: unset teeth with negative edges, specially designed to cut plasterboard and paper layers.

Outil exclusif et breveté.
Compatible avec les perceuses standard.
Garanti pour un minimum de 300 découpes.

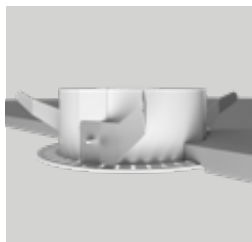
Exclusive and patented tool.
Compatible with standard drilling machines.
Guaranteed for minimum 300 cuts.



STEP 1

Perçage des plaques de plâtre avec l'outil Flos pour obtenir un trou entouré par un anneau usiné d'épaisseur constante.

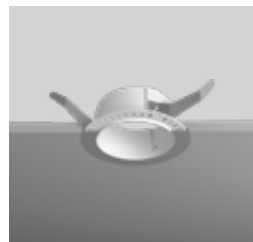
Plasterboard drilling with Flos tool to obtain a hole surrounded by a milled ring with an even thickness.



STEP 2

Installation facilitée du cadre de montage dans le trou, à coller ou à visser aux plaques de placo-plâtre.

Easy installation of the trimless frame in the hole: glued or screwed to plasterboard.

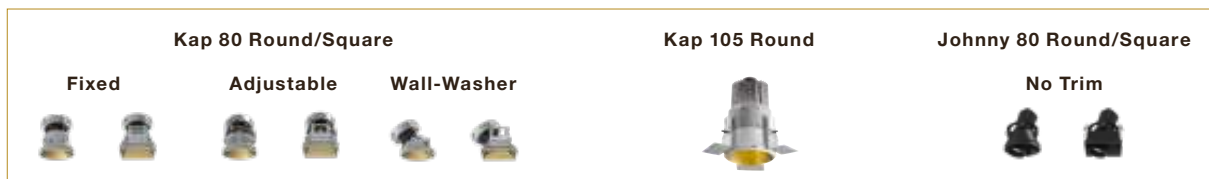


STEP 3

Finition au plâtre pour recouvrir le cadre.

Plasterboard finish covering the frame.

Produits à installation Fast&Perfect / Products with Fast&Perfect Installation System



RAILS TRIPHASES / THREE PHASE TRACKS

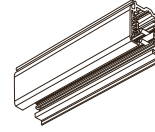
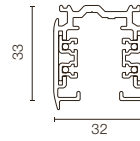
Rail Triphase

GLOBAL TRACK offre de nombreux avantages aux installations les plus perfectionnées: les principaux adaptateurs peuvent être alimentés et le câble d'alimentation peut se cacher sous les élégants accessoires de suspension. Les rails GLOBAL TRACK ont été étudiés pour pouvoir être fixés facilement sur les murs et plafonds, ou installés en suspension au plafond. Les rails peuvent être suspendus à la hauteur voulue. Le système triphasé offre une grande capacité de puissance et permet de former des groupes de fixation indépendants pour les installations fixes dans chacun des trois circuits. Ceci permet d'éclairer les environnements les plus exigeants.

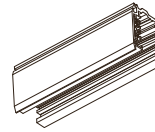
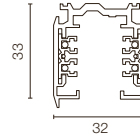
Three Phase Track

GLOBAL TRACK offers benefits for advanced installations: the main connectors are feedable and the feeding cable can be hidden under the elegant suspension accessories. GLOBAL TRACK lighting tracks are designed for easy surface mounting on ceilings and walls, or recessed mounting in suspended ceilings. Lighting tracks can be suspended at any desired height. Other advantages of the three-circuit system are its high loading capacity and the possibility of forming independent fixture groups in all three circuits. This permits illumination of the most demanding environments.

Surface



Surface Dali



1000 mm

- 60.3101.11
- 60.3101.29
- 60.3101.14
- Dali Version
- 60.3101.11ADA
- 60.3101.29ADA
- 60.3101.14ADA

2000 mm

- 60.3102.11
- 60.3102.29
- 60.3102.14
- Dali Version
- 60.3102.11ADA
- 60.3102.29ADA
- 60.3102.14ADA

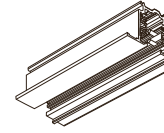
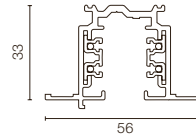
3000 mm

- 60.3103.11
- 60.3103.29
- 60.3103.14
- Dali Version
- 60.3103.11ADA
- 60.3103.29ADA
- 60.3103.14ADA

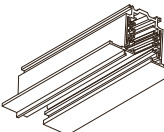
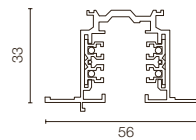
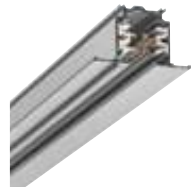
4000 mm

- 60.3104.11
- 60.3104.29
- 60.3104.14
- Dali Version
- 60.3104.11ADA
- 60.3104.29ADA
- 60.3104.14ADA

Recessed



Recessed Dali



1000 mm

- 60.3810.11
- 60.3810.29
- 60.3810.14
- Dali Version
- 60.3810.11ADA
- 60.3810.29ADA
- 60.3810.14ADA

2000 mm

- 60.3820.11
- 60.3820.29
- 60.3820.14
- Dali Version
- 60.3820.11ADA
- 60.3820.29ADA
- 60.3820.14ADA

3000 mm

- 60.3830.11
- 60.3830.29
- 60.3830.14
- Dali Version
- 60.3830.11ADA
- 60.3830.29ADA
- 60.3830.14ADA

4000 mm

- 60.3840.11
- 60.3840.29
- 60.3840.14
- Dali Version
- 60.3840.11ADA
- 60.3840.29ADA
- 60.3840.14ADA

RAILS TRIPHASES / THREE PHASE TRACKS

Tiges rigides pour éviter le basculement du profilé (structures rectilignes sans angles) ou pour installations qui nécessitent un système de fixation plus rigide. Rigid rod to avoid the profile from tilting (rectilinear structures without corners) or to be installed in places where a more rigid fixing system is required.

Tige de suspension avec rosace 1000mm. Filetage m6.  60.3014.11 60.3014.14


Suspension rod with 1000mm rose. m6 thread.

Set prolongation tige suspension 1000mm. Filetage m6.  60.3097.11 60.3097.14


1000mm suspension rod extension set m6 thread.

Câble de suspension souple.  60.3008.11 60.3008.14

Flexible suspension kit.

Fixation au plafond avec rosace.  60.3094.11 60.3094.14


Ceiling fitting with rose.

Point d'ancrage sur rail pour suspension avec tige filetage m6.  60.3018.11 60.3018.14


Attachment on track for rod suspension m6 thread.

Câble en acier recommandé si la structure, dû à ses dimensions, est équilibrée, stable et possède un ou plusieurs angles, étant donné que sur ces structures le rail ne s'incline pas, même si le poids des luminaires n'est pas équilibré.

A steel cable is recommended if the structure, because of its dimensions, is stable and includes one or more angles, since in these structures the track does not tilt even if the weight of the luminaires is not balanced.

Cableau de suspension plombe sans rosace et fixation au plafond.  1500 mm 60.3095.29

Lead-weighted wire without rose and ceiling fitting. 3000 mm 60.3096.29

Etrier pour fixation du rail au plafond/mur ou en suspension avec cableau.  60.3025.11 60.3025.14 60.3025.29

Bracket for track fixing wall/ceiling or suspension with lead-weighted wire.

Etrier pour fixation du rail au plafond ou au mur.  60.3093.29

Bracket for fixing track to wall or ceiling.

Point d'ancrage sur rail pour suspension avec cableau.  60.3057.11 60.3057.29

Attachment on track for wire suspension.

Support mural complet bras 70mm.  60.3083.29

Complete wall support 70mm.

Bande couvre-rail L 3000mm.  60.3090.11

Track cover strip L 3000mm.

Rosace cache-alimentation.  60.3092.11

Power supply rose cover.

Couverture des connecteurs alimentation rail encastrable.  60.3053.11 60.3053.14

Cover for power supply connectors recessed track. 60.3145.11 60.3145.14

Couverture des connecteurs.  60.3091.11 60.3091.14

Cover for connectors. 60.3146.11 60.3146.14

* Connecteur d'alimentation droite.  60.3038.11 60.3038.14 60.3038.12

Live end right. 60.3038.11ADA 60.3038.14ADA 60.3038.12ADA

* Connecteur d'alimentation gauche.  60.3039.11 60.3039.14 60.3039.12







Live end left. 60.3039.11ADA 60.3039.14ADA 60.3039.12ADA

* Points possibles d'alimentation. Feeding possible.

RAILS TRIPHASES / THREE PHASE TRACKS

Connecteur lineaire.









-  60.3044.11
-  60.3044.14
-  60.3044.12
- Dali Version
-  60.3044.11ADA
-  60.3044.14ADA
-  60.3044.12ADA

Straght connector.

Connecteur en croix.









-  60.3036.11
-  60.3036.14
-  60.3036.29
- Dali Version
-  60.3036.11ADA
-  60.3036.14ADA
-  60.3036.29ADA

Cross coupling.

* Connecteur d'alimentation central.






-  60.3043.11
-  60.3043.14
-  60.3043.29
- Dali Version
-  60.3043.11ADA
-  60.3043.14ADA
-  60.3043.29ADA

Mean connector.

Embout de finition.









-  60.3016.11
-  60.3016.14
-  60.3016.12

Blind end.

* Connecteur a 90°.



- Interne/Inside
-  60.3029.11
-  60.3029.14
-  60.3029.29
- Dali Version
-  60.3029.11ADA
-  60.3029.14ADA
-  60.3029.29ADA

Connector 90°.

Connecteur flexible DALI.






-  60.3037.11
-  60.3037.14
-  60.3037.29
- Dali Version
-  60.3037.11ADA
-  60.3037.14ADA
-  60.3037.29ADA

DALI flexible couple.

Connecteur a angle articule.





-  60.3046.11
-  60.3046.14
-  60.3046.29

Corner adjustable connector.

Boîtier encastrable pour point d'alimentation.









-  60.3022.11
-  60.3022.14

Recessed box for fix-point.

* Connecteur en T - interne.






- Droite/Right
-  60.3047.11
-  60.3047.14
-  60.3047.29
- Dali Version
-  60.3047.11ADA
-  60.3047.14ADA
-  60.3047.29ADA

Connector T - inside.

Point d'alimentation au plafond.



-  60.3023.11
-  60.3023.14
-  60.3023.29

Fix-point.

Clef de pliage des conducteurs.









60.3054

Lead bending key.

* Connecteur en T - externe.



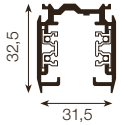
- Droite/Right
-  60.3049.11
-  60.3049.14
-  60.3049.29
- Gauche/Left
-  60.3051.11
-  60.3051.14
-  60.3051.29

Conector T - outside.

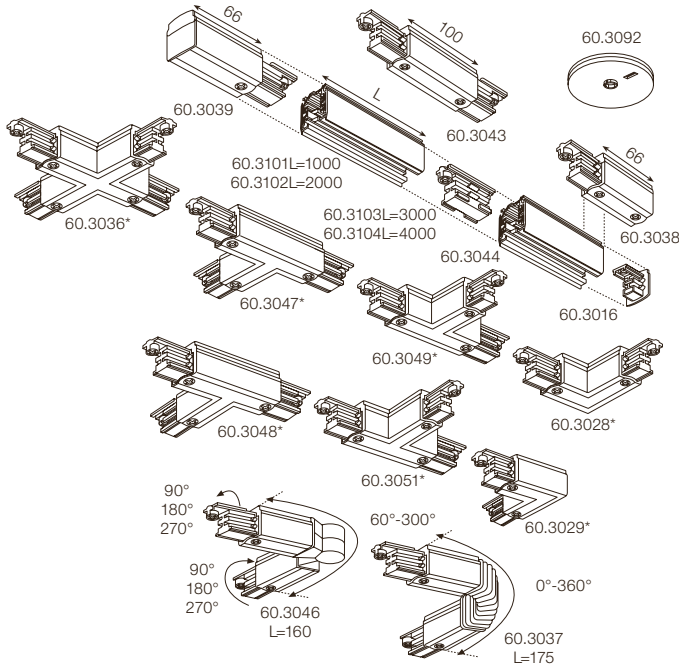
* Points possibles d'alimentation.
Feeding possible.

RAILS TRIPHASES / THREE PHASE TRACKS

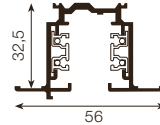
Instructions d'Installation des Rails Triphases / Installation Instructions for the Three-Phase Tracks (3P+N+PE) Un 400v, In 16A, 50Hz, Classe I, IP 20



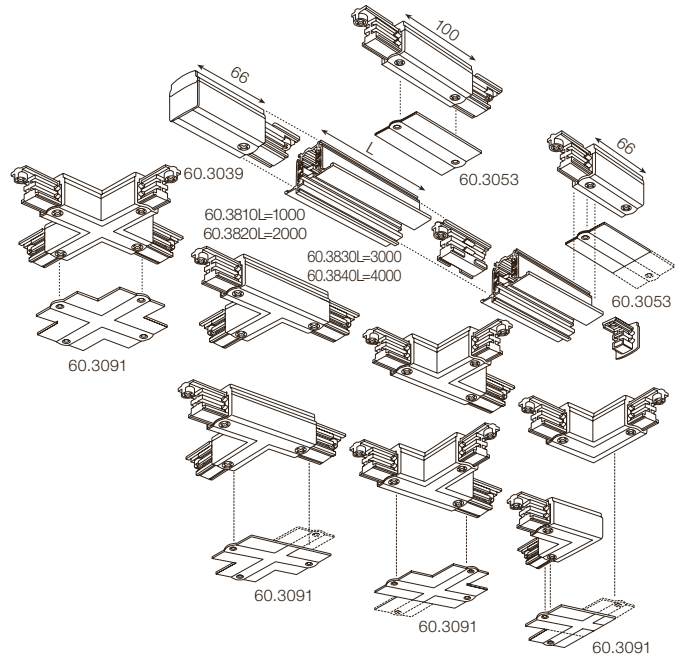
La position du conducteur neutre est indiquée par la ligne large.
The position of the neutral lead is shown by the thick line.



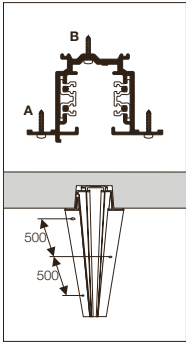
*Peut être utilisé comme point d'alimentation / Can be used as a power supply point



La position du conducteur neutre est indiquée par la ligne large.
The position of the neutral lead is shown by the thick line.

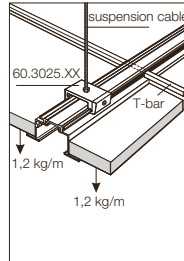


Montage dans une rainure au plafond Mounting in a groove in the ceiling



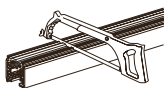
- les rails peuvent être fixés par les brides (A) ou par le bas des rails (B).
- mode A: avec vis Ø 3,0 - 4,5, à une distance de 500mm.
- mode B: avec vis à tête plate Ø 3,0, distance de support 1000mm-max. charge 20 kg / m.
- tracks can be fixed through the flanges (A) or through the track bottom (B).
- manner A: with screws Ø 3,0 - 4,5, at distance of 500mm.
- manner B: with flat head screws Ø 3,0, supporting distance 1000mm-max. load 20 kg/m.

Montage dans des plafonds suspendus Mounting in suspended ceilings

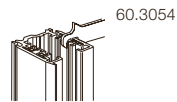


- avec des brides 60.3025.XX.
- la structure de la plaque du plafond doit être facile à démonter, les plaques et les rails ne sont pas fixés les uns aux autres.
- suspension à une distance max. 1000mm.
- charge max. de la plaque 1,2 kg / m par bride du rail.
- charge max. de suspension de rail 10 kg / distance de suspension.
- with clamps 60.3025.XX.
- the ceiling plate structure must be easy to demount, the plates and the tracks are not fixed onto each others.
- hanging at max. 1000mm distance.
- plate load max. 1,2 kg/m per track flange.
- track hanging load max. 10 kg / hanging distance.

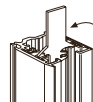
Decoupe des Rails d'Eclairage / Cutting Track



- 1 . Decoupe du rail
- 1 . Cutting the track



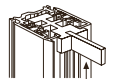
- 2 . Positionnement clef de Pliage dans le rail
- 2 . Positioning bending key in the track



- 3 . Pratiquer la courbure des conducteurs
- 3 . Lead bending



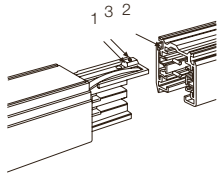
- 4 . Conducteurs pliés
- 4 . Bent leads



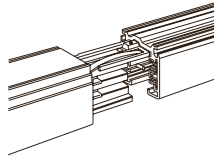
- 5 . Contrôle des conducteurs pliés
- 5 . Bent leads control

RAILS TRIPHASES / THREE PHASE TRACKS

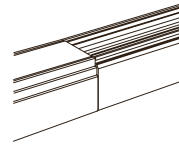
Installation des Connecteurs / Connector Installation



1 . Languette guide
1 . Guide flap

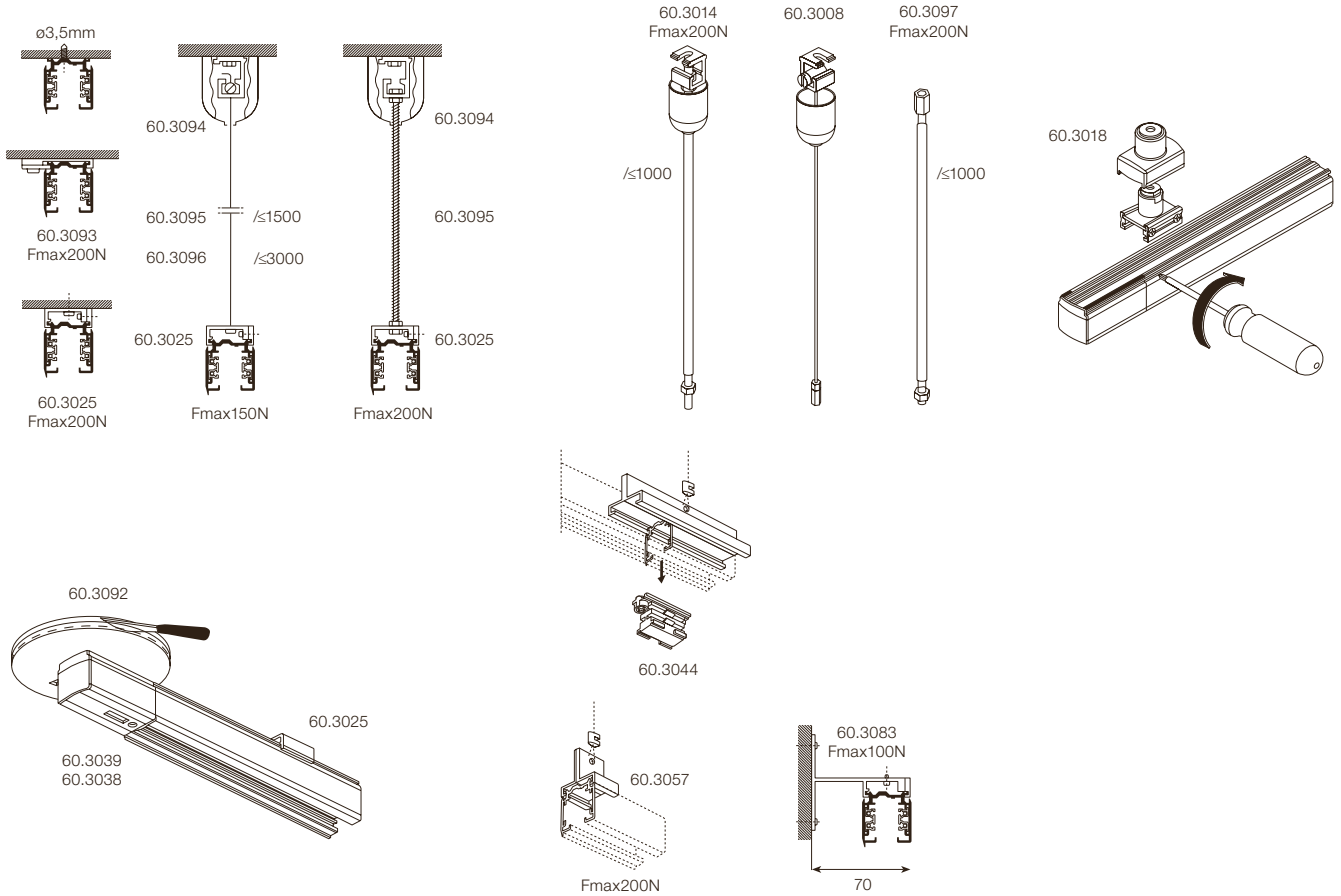


2 . Canal
2 . Canal



3 . Fixation par pression
3 . Pressure fixing

Fixation du Rail et Capacite de Charge de la Fixation / Fixing the Track and Load Capacity

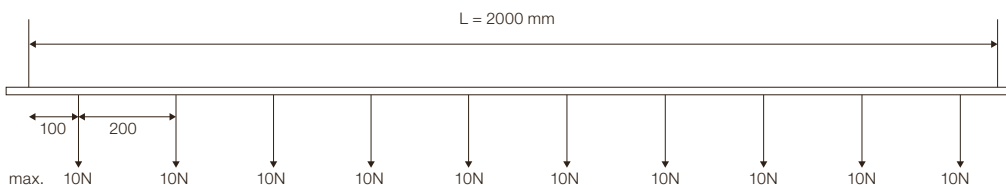
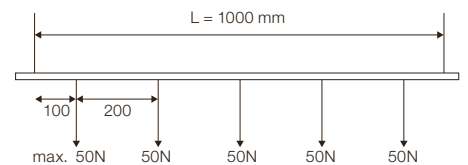
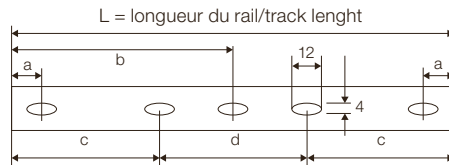


Distance d'Ancrage et Portee

La distance d'ancrage recommandée est L=1000mm.
Les rails sont munis de trous d'ancrage.

Fastening Distance and Loading Capacity

Recommended fastening distance L=1000mm.
The tracks have fastening holes.



L mm	a mm	b mm	c mm	d mm
1000	250	1000		
2000	250			
3000	250		1000	1000
4000	250		1500	1000

RAILS TRIPHASES / THREE PHASE TRACKS

Remarque

Au moment d'installer le rail, il convient de choisir la partie sur laquelle on désire avoir la ligne de terre. En fonction de la position de cette ligne, il faudra utiliser les accessoires correspondants. Dans les dessins suivants, la ligne tracée indique la position de la ligne de terre.

Si l'on dispose d'un seul rail, on peut choisir sur quel côté se connecter.

Dessin 1. Rail avec connecteur d'alimentation (A) et son connecteur correspondant (B).

Dessin 2. montre deux applications différentes. La prise de terre peut être à l'intérieur de l'installation. On peut utiliser respectivement (C) & (D) ou (E) & (F).

Si la ligne de terre est externe – premier cas – utiliser les connecteurs en (C) avec leur connecteur correspondant (D). Les connecteurs en L seront les mêmes pour chaque angle. Si au contraire la ligne de terre est interne – second cas – utiliser les connecteurs en T (E) avec leur connecteur correspondant (F). Le connecteur en L dans ce cas est le (I).

Planning Information

When you install the track, you have to choose on which side you wish to have the ridge. The ridge will tell you which accessories to use with. Have a look at the following figures where the dotted line indicates the ridge on the track.

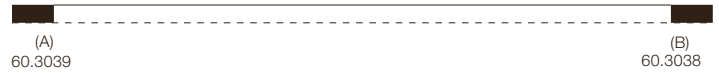
If you have only one track, you can choose on which side you connect it and use the corresponding parts.

Figure 1. Track of length 1 mt. with end feed (A) and its mirror image (B).

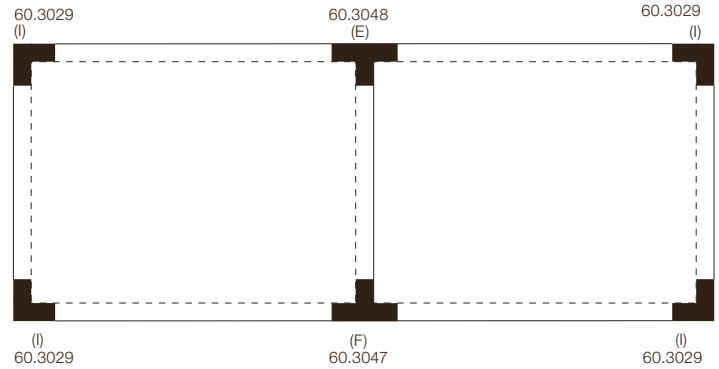
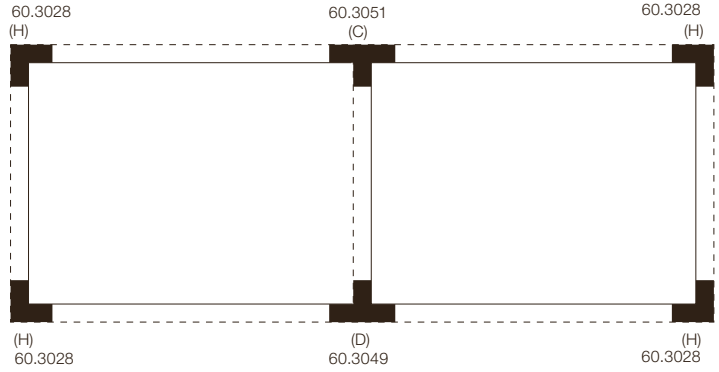
Figure 2. Shows two different cases. You will notice that the ridge can be either inside or outside the installation system. You can use respectively either (C) & (D) or (E) & (F).

If the ridge is outside, first case, you have to use the T connector (C) with its mirror image (D). The L connectors are then the same for each corner, (H). Inversely, if you have the ridge inside, second case, you will have to use the T connector (E) with its mirror image (F). The corresponding L connector is in this case (I).

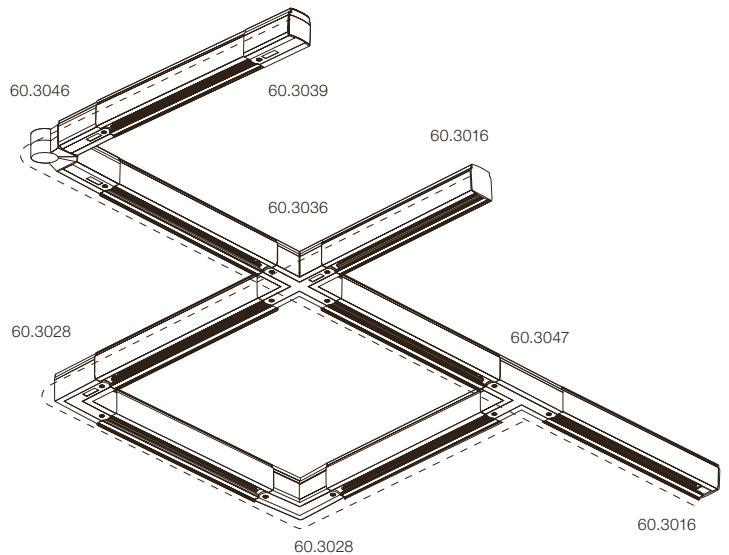
1.



2.



Exemple / Example

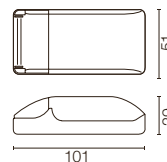


APPAREILLAGES ÉLECTRIQUES / DRIVERS

Alimentation a Courant Constante pour LED / Constant Current Power Supply for LED

Alimentation à courant continu.
20W - 220/240V - 50/60Hz.

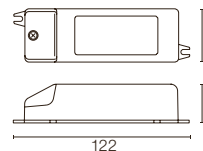
Non dimmable continuous current
power supply. 20W - 220/240V -
50/60Hz.



500 mA
60.8629
350/500/700 mA
60.9312

Alimentation à courant continu
220/240V - 50/60Hz.

Non dimmable continuous current
power supply 220/240V - 50/60Hz.

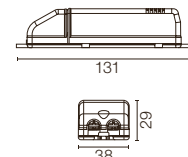


17W / 700 mA
*60.8655
20W / 500 mA
*60.8650
22W / 1050 mA
*60.8670

*110V = 12W

Alimentation à courant continu
220/240V - 50/60Hz.

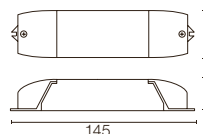
Non dimmable continuous current
power supply 220/240V - 50/60Hz.



25W / 500 mA
60.8673
16W / 700 mA
60.8689

Alimentation à courant continu 25W,
120/240V - 50/60Hz avec courant
d'alimentation à sélectionner
par switch 350/500/700 mA non
réglable.

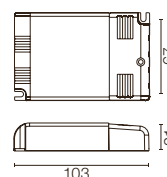
Non dimmable continuous current
power supply of 25W, 120/240V
- 50/60Hz with power current
selected through adjustable
350/500/700 mA switch.



60.8437

Alimentation à courant continu
32W, avec courant d'alimentation
à sélectionner par switch
350/500/550/700/850/900 mA non
réglable.

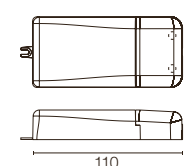
Non dimmable continuous current
power supply of 32W, with power
current selected through adjustable
350/500/550/700/850/900 mA
switch.



60.9233

Alimentation à courant continu
15-20W, 110/240V - 50/60Hz,
avec courant d'alimentation
à sélectionner par switch
350/500/550/700/850/900 mA non
réglable.

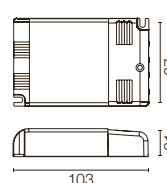
Non dimmable continuous
current power supply of 15-20W,
110/240V - 50/60Hz, with power
current selected through adjustable
350/500/550/700/850/900 mA
switch.



60.8911

Alimentation à courant continu 25W,
120/240V - 50/60Hz avec courant
d'alimentation à sélectionner par
switch 350/500/700 mA réglable
1-10V ou bouton poussoir.

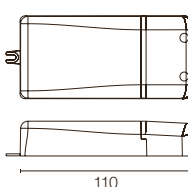
Continuous current power supply
of 25W, 120/240V - 50/60Hz with
power current selected through
adjustable 350/ 500/700 mA 1-10V
switch or push dimming.



60.8533

Alimentation à courant continu
max 20W, 120/240V - 50/60Hz
avec courant d'alimentation
à sélectionner par switch
350/500/550/700/850/900 mA
réglable 1-10V ou bouton poussoir.

Continuous current power
supply of max 20W, 120/240V
- 50/60Hz with power current
selected through adjustable
350/500/550/700/850/900mA 1-10V
switch or push dimming.



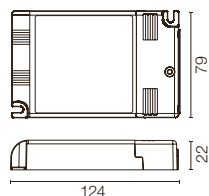
60.8668

APPAREILLAGES ÉLECTRIQUES / DRIVERS

Alimentation a Courant Constante pour LED / Constant Current Power Supply for LED

Alimentation à courant continu 25-50W, 220/240V - 50/60Hz avec courant d'alimentation à sélectionner par switch 350/500/550/650/700/750/850/900/1050 mA réglable Dali, réglable 1-10V ou bouton poussoir.

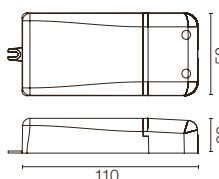
Continuous current power supply of 25-50W, 220/240V - 50/60Hz with power current selected through adjustable 350/500/550/650/700/750/850/900/1050 mA Dali switch, 1-10V switch or push dimming.



60.8530

Alimentation à courant continu 13-20W, 110/240V - 50/60Hz avec courant d'alimentation à sélectionner par switch 250/300/350/400/450/500/550/600/650/700/750/800/850/900 mA réglable 1-10V ou bouton poussoir. *Max 15W.

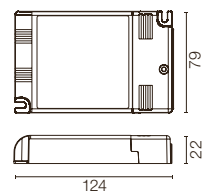
Continuous current power supply of 13-20W, 110/240V - 50/60Hz with power current selected through adjustable 250/300/350/400/450/500/550/600/650/700/75/800/850/900 mA 1-10V switch or push dimming. *Max 15W.



60.9188

Alimentation à courant continu 30-50W, 110/240V - 50/60Hz avec courant d'alimentation à sélectionner par switch 250/300/350/400/450/500/550/600/650/700 mA réglable Dali, réglable 1-10V ou bouton poussoir.

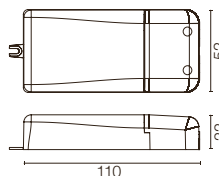
Continuous current power supply of 30-50W, 110/240V - 50/60Hz with power current selected through adjustable 250/300/350/400/450/500/550/600/650/700 mA Dali switch, 1-10V switch or push dimming.



60.8837

Alimentation à courant continu 10-20W, 110/240V - 50/60Hz avec courant d'alimentation à sélectionner par switch 250/350/400/450/500/550/600/700 mA réglable Dali.

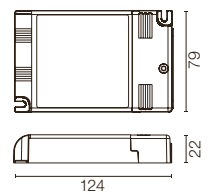
Continuous current power supply of 10-20W, 110/240V - 50/60Hz with power current selected through adjustable 250/350/400/450/500/550/600/700 mA Dali switch.



60.8847

Alimentation à courant continu 20-40W, 110/240V - 50/60Hz avec courant d'alimentation à sélectionner par switch 350/400/500/550/600/650/700/750/800/850/900/950 mA réglable Dali, réglable 1-10V ou bouton poussoir.

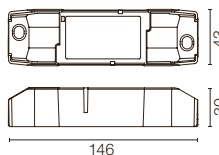
Continuous current power supply of 20-40W, 110/240V - 50/60Hz with power current selected through adjustable 350/400/500/550/600/650/700/750/800/850/900/950 mA Dali switch, 1-10V switch or push dimming.



60.9276

Alimentation à courant continu 13-42W, 220/240V - 50/60Hz avec courant d'alimentation à sélectionner par switch 300/350/400/450/500/550/600/650/700/750/800/850/900/950/1000/1050 mA.

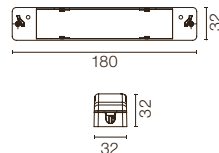
Continuous current power supply of 13-42W, 220/240V - 50/60Hz with power current selected through adjustable 300/350/400/450/500/550/600/650/700/750/800/850/900/950/1000/1050 mA.



60.9162

Alimentation à courant continu 24W, 240V - 50/60Hz avec courant d'alimentation 500 mA réglable Dali.

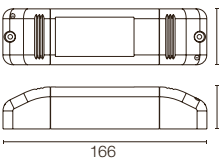
Constant voltage supply source of 24W, 240V - 50/60Hz with adjustable Dali 500 mA supply voltage.



60.8485

Alimentation à courant continu 17/24/32W, 220/240V - 50/60Hz avec courant d'alimentation à sélectionner par switch 350/500/700 mA.

Continuous current power supply of 17/24/32W, 220/240V - 50/60Hz with power current selected through adjustable 350/500/700 mA.



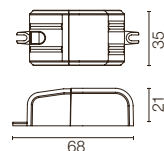
60.8656

APPAREILLAGES ÉLECTRIQUES / DRIVERS

Alimentation à Courant Constante pour LED / Constant Current Power Supply for LED

Alimentation à courant continu 6W, 100/240V - 50/60Hz avec courant d'alimentation 500 mA.

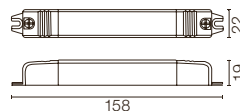
Continuous current power supply of 6W, 100/240V - 50/60Hz with 500 mA supply voltage.



60.8654

Alimentation à courant continu 6W, 100V / 14W, 240V - 50/60Hz avec courant d'alimentation 500 mA.

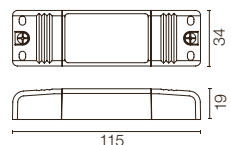
Continuous current power supply of 6W, 100V / 14W, 240V - 50/60Hz with 500mA supply voltage.



60.8880

Alimentation à courant continu 10W, 110V / 12W, 240V - 50/60Hz avec courant d'alimentation 700 mA.

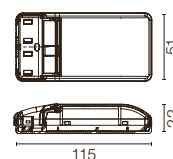
Continuous current power supply of 10W, 110V / 12W, 240V - 50/60Hz with 700 mA supply voltage.



60.8529

Alimentation à courant continu 18W, 220/240V - 50/60Hz avec courant d'alimentation 450 mA push dimming.

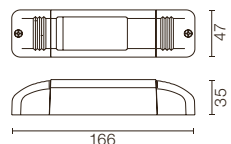
Continuous current power supply of 18W, 220/240V - 50/60Hz with 450 mA supply voltage push dimming.



60.9268

Alimentation à courant continu 32W, 230/240V - 50/60Hz avec courant d'alimentation à sélectionner par switch 350mA (17W) / 500mA (24W) / 700mA (32W) réglable par variateur trailing and leading edge dimming, mains dimming or push dimming.

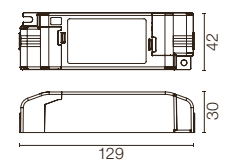
Continuous current power supply of 32W, 230/240V - 50/60Hz with power current selected through adjustable 350mA (17W) / 500mA (24W) / 700mA (32W) switch by trailing and leading edge dimming, mains dimming or push dimming.



60.8534

Alimentation électronique à distance courants multiples pour LED. 11/32W, 250-1000 mA, 220/240V, 50/60Hz.

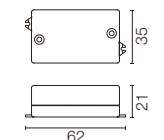
Remote multicurrent electronic driver for LED. 11/32W, 250-1000 mA, 220/240V, 50/60Hz.



60.8697

Transformateur électronique à tension constante (24V) pour LED. 8W, 220/240V, 50/60Hz.

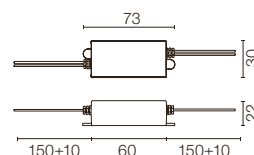
Electronic transformer with constant voltage (24V) for LED. 8W, 220/240V, 50/60Hz.



60.8079

Transformateur électronique à tension constante (24V) pour LED. 8W, 110/240V, 50/60Hz.

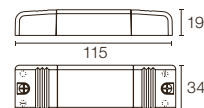
Electronic transformer with constant voltage (24V) for LED. 8W, 110/240V, 50/60Hz.



60.9157

Alimentation à courant continu 10W, 100-240V - 50/60Hz avec courant d'alimentation 500 mA non réglable.

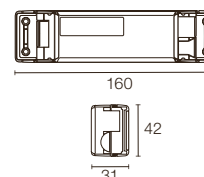
Constant voltage supply source of 10W, 100-240V - 50/60Hz with non adjustable 500 mA supply voltage.



60.9389

Alimentation à courant continu 10W, 100-240V - 50/60Hz avec courant d'alimentation 500 mA réglable.

Constant voltage supply source of 10W, 100-240V - 50/60Hz with adjustable 500 mA supply voltage.



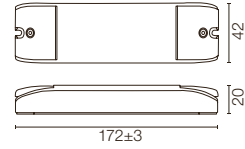
0-10V
60.9405
Dali
60.9406

APPAREILLAGES ÉLECTRIQUES / DRIVERS

Alimentation à Tension Constant pour LED / Constant Voltage Power Source for LED

Unité de contrôle dimmable DALI avec 1 canal pour les modules LED 24V. Appareil d'alimentation non inclus.

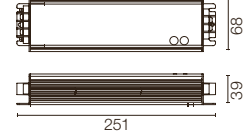
Dimmable Dali control unit with 1 channel for 24V LED modules. Power supply not included.



60.8635

Source d'alimentation LED pour installation à distance dans tableau électrique 24V/240W. 100/240V.

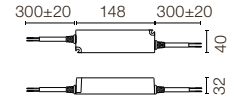
LED power supply source for remote installation in 24V/240W electric control panel. 100/240V.



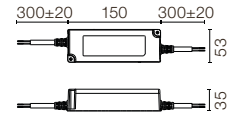
60.8268

Transformateur électronique à tension constante (24V) pour LED. 100/240V.

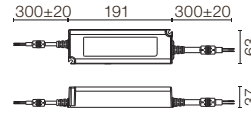
Electronic transformer with constant voltage (24V) for LED. 100/240V.



25W
60.8703



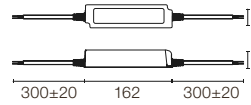
60W
60.9089



120W
60.9407

Transformateur électronique à tension constante (24V) pour LED. 60W. 100/240V. Pour utilisation indépendante.

Electronic transformer with constant voltage (24V) for LED. 60W. 100/240V. For independent use.



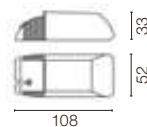
60.8515

APPAREILLAGES ÉLECTRIQUES / DRIVERS

Transformateurs Électroniques 12V / 12V Electronic Transformer

Transformateur électronique 12V. 220/240V, 50/60Hz. Variable par système à fin ou début de phase.

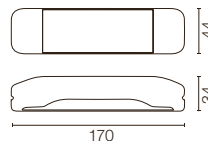
12V electronic transformer. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge".



35-105W
60.9424

Transformateur électronique 12V. 230/240V, 50-225W.

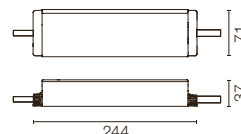
12V electronic transformer. 230/240V, 50-225W.



60.8364

Source d'alimentation LED pour installation à distance dans tableau électrique 24V/200W. Pour éviter des problèmes de surcharge, il est conseillé d'installer une alimentation indépendante tous les 185W. 100/240V.

LED power supply source for remote installation in 24V/200W electric control panel. To avoid problems of overload it is recommended to install a power source every 185W. 100/240V.

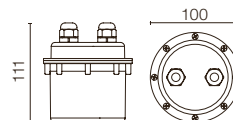


60.9352

Transformateurs Conventionnels 12V / 12V Conventional Transformer

Transformateur ferromagnétique 12V. 230V, 50/60Hz. IP66. Câble primaire: 75 cm, câble secondaire: 145 cm.

12V conventional transformer. 230V - 50/60Hz. IP66. Primary wire: 75 cm, secondary wire: 145 cm.







50W
60.8311



Ref	L max(m) 1.5mm ²	L max(m) 2.5mm ²
60.8079	5	N/A
60.8268	2	3,5
60.8311	5	8,5
60.8364	1	1,5
60.8437	20	50
60.8452	1	1,5
60.8453	0,5	1
60.8485	10	15
60.8703	5	N/A
60.9089	5	N/A
60.9407	5	10
60.8515	5	N/A
60.8529	20	50
60.8530	10	15
60.8533	10	15
60.8534	10	15
60.8629	50	50
60.8650	50	50
60.8654	20	50
60.8655	20	50
60.8656	20	50
60.8668	10	15
60.8670	20	30
60.8689	50	50
60.8697	20	50
60.8724	1	1,5
60.8837	10	15
60.8847	10	15
60.8880	50	50
60.8911	20	50
60.9162	20	30
60.9157	5	N/A
60.9162	10	15
60.9188	10	15
60.9233	20	50
60.9268	15	15
60.9276	10	15
60.9312	20	50
60.9323	2,5	4
60.9352	2,5	4



Données pour fonctionnement en 220-240Vac. Pour des longueurs plus grandes, veuillez consulter Flos architectural.
 Details for operation at 220/240Vac. If greater lengths are required, consult the Flos architectural team.



SOURCES LUMINEUSES / LIGHT SOURCES



	Angle	Wattage (W)	Color T ^a (K)	Voltage (V)	Energy Label	Reference
 LED PAR 16  BASE GU10 230V	40°	4,3	3000	230	A	60.6933
	Lampe à LED non compatible avec les produits en PAR 16 en raison de sa taille. Pour plus de renseignements, veuillez contacter le service commercial. LED lamp, not compatible with PAR 16 products due to size. For further information please contact the sales department.					



	Angle	Wattage (W)	Color T ^a (K)	Voltage (V)	Energy Label	Reference
 QT-12  BASE GY6.35 12V	35	3000	12	C	60.6300	
	50	3000	12	C	60.6303	
	75	3000	12	C	60.6304	
	90	3000	12	C	60.6305	
	100	3000	12	C	60.6306	
	35	2900	12	B	60.6404 ^{IRC}	
50	3000	12	C	60.6399 ^{IRC}		



	Angle	Wattage (W)	Color T ^a (K)	Voltage (V)	Energy Label	Reference
 LED QR-CBC 51  BASE GX5.3 12V	24°	6,5	3000	12	A+	60.6990
	36°	6,5	3000	12	A+	60.6992
	24°	8	3000	12	A	60.6891



	Angle	Wattage (W)	Color T ^a (K)	Voltage (V)	Energy Label	Reference
 QR-CBC 51  BASE GX5.3 12V	38°	20	3000	12	B	Frosted BU19
	38°	35	3000	12	B	BU20
	60°	50	3000	12	B	BU21
	10°	20	3000	12	B	Clear 60.6392
	24°	20	3000	12	B	60.6393
	36°	20	3000	12	B	60.6394
	60°	20	3000	12	B	60.6395
	24°	35	3000	12	B	60.6355
	36°	35	3000	12	B	60.6356
	60°	35	3000	12	B	60.6357
24°	50	3000	12	B	60.6359	
36°	50	3000	12	B	60.6360	
60°	50	3000	12	B	60.6361	



	Angle	Wattage (W)	Color T ^a (K)	Voltage (V)	Energy Label	Reference
 LED QR-C 38  BASE B15d 12V	42°	6	2700	12	A	BU95

	Angle	Wattage (W)	Color T ^a (K)	Voltage (V)	Energy Label	Reference
 QR-111  BASE G53 12V	24°	35	3000	12	C	60.6398
	6°	50	3000	12	B	60.6989
	8°	30	3000	12	C	60.6862
	24°	50	3000	12	C	60.6374
	45°	45	3000	12	C	60.6861
	8°	60	3000	12	C	60.6863
	24°	60	3000	12	C	60.6864
	24°	50	3000	12	C	60.6450 ^{IRC}
	24°	35	3000	12	C	60.6452 ^{IRC}
	24°	65	3000	12	C	60.6454 ^{IRC}
	8°	65	3000	12	C	60.6455 ^{IRC}
	45°	45	3000	12	C	60.6456 ^{IRC}
	24°	45	3000	12	C	60.6458 ^{IRC}
	45°	65	3000	12	C	60.6575 ^{IRC}



	Angle	Wattage (W)	Color T ^a (K)	Voltage (V)	Energy Label	Reference
 QT-14 CLEAR  BASE G9 230V	18	2770	230	D	60.6616	
	28	2770	230	D	60.6617	
	42	2700	230	D	60.6618	




	Angle	Wattage (W)	Color T ^a (K)	Voltage (V)	Energy Label	Reference
 QR-CBC 25  BASE GZ4 12V	40°	20	3000	12	C	Frosted BU62
	44°	35	3000	12	C	BU68
	21°	20	3000	12	C	Clear BU61
	24°	35	3000	12	C	BU64



	Angle	Wattage (W)	Color T ^a (K)	Voltage (V)	Energy Label	Reference
 QT-14 ES  BASE G9 230V	20	2900	230	D	RF19264	
	33	2900	230	D	RF18863	


	Angle	Wattage (W)	Color T ^a (K)	Voltage (V)	Energy Label	Reference
 QR-C 38  BASE B15d 12V	32°	20	3000	12	B	Frosted BU30
	40°	35	3000	12	B	BU10


SOURCES LUMINEUSES / LIGHT SOURCES


	Angle	Wattage (W)	Color T ^a (K)	Voltage (V)	Energy Label	Reference
 QT-9		10	3000	12	C	60.6301
		20	3000	12	C	60.6302
 BASE G4 12V						

		120	2900	230	D	60.6592
 QT-DE-12		160	2900	230	C	60.6598
		230	2900	230	C	60.6585
		120	2900	230	D	60.6866
 BASE R7s 230V						

 HI PAR 51	25°	50	3000	230	A	60.6722
	40°	50	3000	230	A	60.6723
	60°	50	3000	230	A	60.6724
 BASE GX10 230V						

 TC-DEL		18	2700	230	A	60.6213
		18	3000	230	A	60.6256
		18	4000	230	A	60.6257
		26	2700	230	A	60.6214
		26	3000	230	A	60.6258
		26	4000	230	A	60.6259
BASE G24q 230V						

 T5 FH		14	3300		A ⁺	60.6500
		21	3300		A ⁺	60.6503
		21	4000		A ⁺	60.6504
		28	3000		A ⁺	60.6506
		28	4000		A ⁺	60.6507
		35	3300		A ⁺	60.6509
		35	4000		A ⁺	60.6510
BASE G5 230V						

 T5 FQ		24	3300		A	60.6512
		24	4000		A	60.6513
		39	3300		A ⁺	60.6515
		39	4000		A ⁺	60.6516
		54	3000		A ⁺	60.6518
		54	4000		A ⁺	60.6519
		54	5000		A	60.6520
		80	3300		A	60.6521
		80	4000		A	60.6522
		80	5000		A	60.6523
	BASE G5 230V					

LED ARRAY

Contrôle **Meilleur Contrôle Optique**

Le module LED Array dispose d'une surface de haute densité lumineuse qui permet de contrôler la lumière grâce à des réflecteurs. On peut obtenir une grande variété d'angles d'ouverture et répondre ainsi à toutes les applications.

Control **Greater Optical Control**

The LED Array module has a high-density light surface that allows the light to be effectively controlled through reflectors. A wide variety of opening angles can be obtained, thereby catering for any application.

Sans Pixelisation **Lumière blanche sans pixelisation**

De par sa configuration, la LED Array offre des blancs uniformes sans variation de couleur. De plus, durant toute la durée de vie du module, elle assure un maintien exceptionnel du flux lumineux et de la température de couleur.

No Pixellation **White Light without Pixellation**

Due to its configuration, the LED Array achieves a uniform standard of whites with no change in colour. In addition, during the useful life of the module, an exceptional maintenance of the luminous flow and colour temperature is obtained.

Réduction des Coûts **Réduction des coûts de maintenance**

Avec cette solution LED, les frais de maintenance sont réduits de façon radicale grâce à sa longue durée de vie avec un flux lumineux minimum de 70 %. On obtient jusqu'à 75 % d'économie d'énergie en comparaison avec les sources d'éclairage traditionnelles.

Cost Reduction **Reduction in Operating Costs**

With this LED solution, there is a drastic reduction in maintenance costs due to its long useful life with a minimum luminous flow of 70 %. The energy consumed is reduced by 75 % compared to traditional lighting sources.

Retail **Lampe pour utilisation en retail**

Le flux lumineux ne contient pas de rayons IR ou UV, qui détériorent les tissus ou les aliments. L'élimination de la chaleur du faisceau lumineux se transforme en réduction des dépenses de climatisation.

Retail Application **Light Source for Retail Application**

The luminous flow contains no IR or UV radiation, which cause damage to clothing or the premature spoiling of food. The elimination of heat in the light beam is transformed into a reduction in air conditioning costs.

Réflecteurs **Rendement lumineux**

Le module LED Array n'est pas une source d'éclairage ponctuel. La lumière est émise par la zone de résine de la matrice de LEDs. Cette construction a une influence lors des calculs d'éclairage et du contrôle de l'angle d'ouverture de la LED. C'est pourquoi la meilleure façon de réaliser ce contrôle lumineux est d'utiliser des réflecteurs.

Ces réflecteurs peuvent être en thermoplastique métallique car il n'y a aucune exigence thermique par rapport à la source lumineuse. Cela permet ainsi une plus grande souplesse dans la conception et l'on peut optimiser la surface réfléchissante avec des formes qui seraient impossibles avec des réflecteurs traditionnels en aluminium, avec un rendement de 90 %.

Il est possible d'obtenir des angles d'ouverture de 20° à environ 60°.

Reflectors **Light Performance**

The LED module is not a point source. The light is emitted through the LED matrix resin area. This construction has an influence when making light calculations and controlling the LED opening angle. As a result, the best way to perform this light control is using reflectors.

These reflectors may be made of metallic thermoplastic material since there is no thermal demand on the light source. As they can be made of thermoplastic, there is greater flexibility in their design and the reflecting surface can be optimised with non-viable forms with traditional aluminium reflectors, with a performance of 90 %.

Opening angles of between approximately 20° and 60° can be obtained.

POWER LED

Faisceau Lumineux Faisceau lumineux fermé

Comme la lumière est émise par une source ponctuelle, le contrôle optique doit être effectué au moyen de lentilles. Ce contrôle optique permet de réduire le faisceau de lumière jusqu'à des angles très serrés. C'est pourquoi, pour des applications nécessitant une grande densité lumineuse, c'est la source la mieux adaptée.

Design Liberté de conception

Les power LED sont montées en cartes électroniques. Ces cartes peuvent être conçues dans des formes et des dimensions différentes, de sorte que la conception de la source lumineuse complète (carte électronique + LED + lentilles) permet une grande flexibilité et une grande liberté. Cette flexibilité la distingue des sources lumineuses traditionnelles.

Couleur Large gamme de températures de couleur

Les power LED sont discrètes et offrent une grande variété de températures de couleur. La présence de "bins" (intervalles du spectre chromatique) garantit que les LED disposent d'une variation chromatique minimum par rapport à la température de couleur sélectionnée.

Light Beam Closed Light Beam

Due to the fact that the light comes from a point source, optical control must be carried out using lenses. This optical control allows for the reduction of the light beam to very closed angles. For this reason, this is the most appropriate light source in applications which require a high light density.

Design Freedom of Design

The power LEDs are mounted on electronic board. These electronic boards can be designed in many different sizes and shapes, so that the complete light source design (electronic board + LED + Lenses) is extremely flexible and has great freedom. This flexibility makes it different from traditional light sources.

Colour Wide Range of Colour Temperatures

The power LEDs are discreet, and can be selected in a wide range of colour temperatures. Bins are established (chromatic spectrum ranges) in which it is guaranteed that the LEDs have a minimum chromatic change with respect to the colour temperature selected.

TOP LED

Faisceau Lumineux Lumière diffuse

De par leur géométrie, elles sont une excellente solution pour les projets qui ne requièrent pas de lumière directionnelle, comme la lumière indirecte ou les luminaires à diffuseur intégré.

Alimentation Tension 24V

Grâce à leurs dimensions compactes et leur alimentation simple, les "Top Led" offrent une multitude de solutions pour concevoir un circuit imprimé. Faciles à alimenter, via des sources de tension constante à 12/24V, pouvant être montées et connectées en parallèle et offrant la possibilité de créer des systèmes groupés et irréguliers, ce sont des solutions idéales pour concevoir une source de lumière éloignée des canons établis pour les sources de lumière traditionnelles.

Couleur Large Gamme de Températures de Couleur

Tout comme les "Power Led", les "Top Led" sont disponibles dans une large gamme de températures de couleur réparties sur l'ensemble du spectre chromatique. La sélection déterminée sera définie par leur bin qui garantit leur homogénéité.

Light Beam Diffuse Light

Given their geometry, they are excellent for applications that have no directed light requirements, such as indirect light or luminaires.

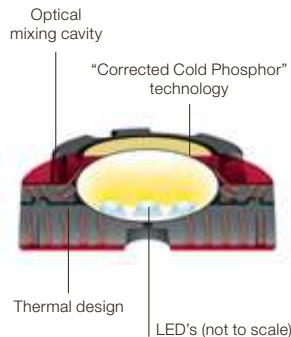
Power Supply Voltage 24V

Given their compact dimensions and simple power supply, the "Top LED" offer dozens of different solutions for designing a printed circuit. Their easy power supply using constant 12/24V voltage supplies with possible assemblies and connections in parallel, together with the possibility of creating grouped and irregular designs, make them the perfect candidate when a light source far from the conventions set by traditional light sources is necessary.

Colour Wide Range of Colour Temperatures

The "Top LED" like the "Power LED" are available in a large range of colour temperatures distributed throughout the entire chromatic spectrum. The selection made will be defined by its bin guaranteeing its homogeneity in it.

REMOTE PHOSPHOR LED



Cohérence de la couleur et de l'homogénéité chromatique

Le module LED au phosphore déporté est disponible dans une gamme de températures de couleur de 2700K, 3000K et 4000K. Chacune de ces températures de couleur est exactement positionnée dans le BBL (Black Body Locus) afin de garantir une parfaite lumière blanche. La tolérance de sélection des LEDs est de 1x2 dans l'ellipse MacAdam, améliorant la spécification de la norme ANSI C78.377.

Consistency Colour and Chromatic Homogeneity

The remote phosphor LED module is available in a colour temperature range of 2700K, 3000K and 4000K. Each of these colour temperatures is exactly positioned in the BBL (Black Body Locus) to guarantee perfect white light. The LEDs selection tolerance is 1x2 in the MacAdam ellipse, improving the ANSI C78.377 specification.

Faisceau Lumineux uniforme

Les lampes halogènes et les LED Array peuvent présenter des variations de lumière sur une surface éclairée en raison de la non uniformité de la source lumineuse. Le module de phosphore déporté a une surface d'émission lumineuse uniforme, qui se reflète dans un faisceau de lumière parfaite sans ombres ni variations de couleur.

Uniform Light Beam

Halogen lamps or LED Arrays may suffer changes in light on an illuminated surface, due to the non-uniformity of the light source. The remote phosphor module has a uniform light-emitting surface that is reflected in a perfect beam of light without shadows or changes in colour.

Haute Reproduction chromatique

Avec la version "Artist", grâce à la combinaison correcte de la sélection des LEDs et des spécifications du phosphore, on obtient un CRI supérieur à 95. Ce module a été optimisé pour obtenir d'excellents résultats dans les couleurs les plus saturées. Pour le rouge, on obtient une valeur supérieure à 90. Non seulement ces chiffres sont supérieurs à d'autres solutions LED, mais ils améliorent les résultats obtenus avec des lampes traditionnelles fluorescentes ou à iodures métalliques.

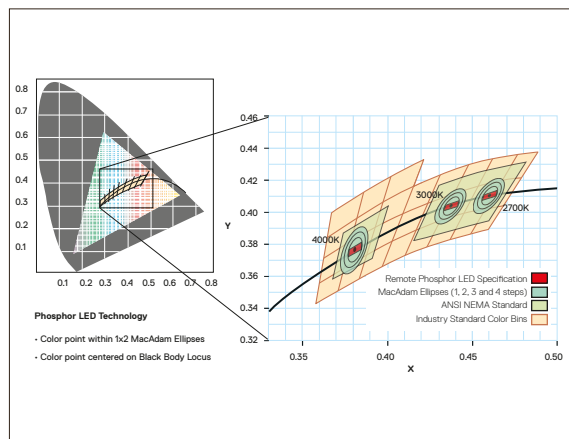
Reproduction High Chromatic

With the "Artist" version; through the correct combination of the LEDs selection and phosphor specifications, a CRI above 95 is obtained. This module has been optimised to obtain excellent results in the most saturated colours. For the red, a value above 90 has been obtained. These numbers not only surpass those of other LED solutions, but improve the results of traditional fluorescent or metal halogenide lamps.

COLOUR RENDERING CHART

A comparison between the Phosphor LED (Artist Series) and other lighting sources
Note: 2700K and 4000K perform similarly

	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
Artist Series XTM	98	98	99	98	98	98	97	98	98	96	99	98	88	98	98	98
Typical IR coated Halogen Dichroic	98	98	99	99	99	98	98	99	97	92	97	98	97	98	99	97
Typical Compact Metal Halide	82	90	94	69	82	81	81	87	71	27	59	62	55	93	78	88
Typical Compact Fluorescent	87	91	93	86	91	89	90	88	70	17	76	91	81	93	92	81



Independent measurements by University College London

**Niveau de Protection
Degree of Protection**



Indice de protection contre la pénétration des corps solides et des liquides.

Protection degree offered by the fixture to the ingress of solids and liquids.



0 Sans protection.
1 Protection contre les corps solides de dimensions supérieures à 50 mm.
2 Protection contre les corps solides de dimensions supérieures à 12 mm.
3 Protection contre les corps solides de dimensions supérieures à 2,5 mm.
4 Protection contre les corps solides de dimensions supérieures à 1 mm.
5 Protection contre les poussières.
6 Totalement protégé contre les poussières.

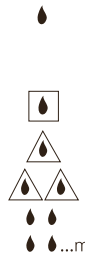
0 No protection.
1 Protected against solid bodies over 50 mm in diameter.
2 Protected against solid bodies over 12 mm in diameter.
3 Protected against solid bodies over 2,5 mm in diameter.
4 Protected against solid bodies over 1 mm in diameter.
5 Protected against dust.
6 Fully protected against dust.

1er chiffre : protection contre la pénétration de corps solides.

1st figure: protection against penetration by solid bodies.



0 Sans protection.
1 Protection contre les chutes verticales de gouttes d'eau.
2 Protection contre les chutes verticales de gouttes d'eau avec angle d'inclinaison max. de 15°.
3 Protection contre les chutes verticales de gouttes d'eau avec angle d'inclinaison max. de 60°.
4 Protection contre les éclaboussures d'eau.
5 Protection contre les projections d'eau.
6 Protection contre les vagues d'eau.
7 Protection contre l'immersion.
8 Protection contre l'immersion prolongée.



0 No protection.
1 Protected against drops of water falling vertically.
2 Protected against drops of water at a max. inclination of 15 degrees.
3 Protected against drops of water at a max. inclination of 60 degrees.
4 Protected against splashed of water.
5 Protected against jets of water.
6 Protected against waves.
7 Protected against immersion.
8 Protected against long term immersion.

2ème chiffre : protection contre l'infiltration d'eau.

2nd figure: protection against penetration by water.

**Pictogramme
Pictography**



Appareils d'éclairage prévus pour un montage direct sur surfaces normalement inflammables.

Luminaire with builtin power packs or transformers, suitable for mounting directly onto normally inflammable surfaces.



Ballast conventionnel.

Conventional Ballast.



Résiste au test du fil incandescent (Glow Wire Test) à 850°C selon la norme IEC 60695-2-10.

Passes Glow Wire Test at 850°C according to standard IEC 60695-2-10.



Luminaires conçus pour une utilisation uniquement avec des lampes halogènes de tungstène ou des lampes à halogénures métalliques avec écran de protection.

Luminaires designed to exclusively use wolfram halogen lamps or metal halide lamps with own protection screen.

**Étiquetage énergétique
Energy Label**



Conformément au règlement 874/2012, il est mis en place une nouvelle directive relative à l'étiquetage énergétique des lampes et luminaires. Cette étiquette énergétique s'applique aux appareils de classes d'efficacité énergétique A (la plus efficace) à G (la moins efficace) pour informer le marché.
Ci-après les indications pour son téléchargement :
. Consultez la rubrique "produits" de notre site web : <http://www.flos.com/fr/produits>
. Sélectionnez la collection ou le produit qui vous intéresse, par exemple : <http://www.flos.com/fr/produits/consumer/sol/Arco>
. Cliquez sur "Voir fiche technique"
. Cliquez sur "Print Energy Label"
. Sélectionnez la langue et imprimez l'étiquette.

According to Regulation 874/2012, a new directive is implemented with regard to energy labelling electrical lamps and luminaires. This energy label rates appliances with energy efficiency classes from A (most efficient) to G (least efficient) to give guidance to the market. You can find information relating to Energy Labels on the Flos website, which is available for download:
. Visit the products section of our website: <http://www.flos.com/en/products>
. Choose the collection/product you are interested in, e.g., <http://www.flos.com/en/products/consumer/floor/Arco>
. Click on "See specs sheet"
. Click on "Print Energy Label"
. Select the language and print the label.

CLASSIFICATIONS ET HOMOLOGATIONS / CLASSIFICATION & HOMOLOGATIONS

Classe D'isolation des Lampes Luminaires Classification



Class I

Lampe dont la protection contre les décharges électriques ne se base pas uniquement sur l'isolation de base de l'appareil, mais sur un autre système de sécurité qui consiste en un branchement des composants conducteurs accessibles à un conducteur de sécurité (mise à terre) faisant partie de l'installation électrique fixe.

Luminaire in which protection against electrical shocks is not just based on the basic insulation but also on an additional safety precautions consisting of connecting the accessible conductive parts to a safety conductor (earth).



Class II

Lampe dont la protection contre les décharges électriques ne se base pas uniquement sur l'isolation de base de l'appareil, mais sur une autre mesure de sécurité qui consiste en une double isolation renforcée sans dispositif de mise à terre.

Luminaire in which protection against electrical shocks is not just based on the basic insulation but also on an additional safety precautions consisting of double reinforced insulation without conductive parts to a safety conductor (earth).



Class III

Lampe dont la protection contre les décharges électriques se base sur un système à très basse tension, qui n'est jamais dépassée. Une lampe de Classe III ne doit jamais être fournie avec la mise à terre.

Luminaire in which protection against electrical shocks is based on the very low safety supply voltage and no voltages are produced higher than this. A Class III luminaire must never be provided with earthing.

Homologations Homologations



Toutes les lampes produites et présentées dans ce programme ont été réalisées en conformité avec la Norme Européenne EN 60 598 et répondent aux conditions définies par la Directive CEE 73/23 (Directive pour la Basse Tension). Leur fabrication est également conforme à la Directive 89/336 au sujet de la Compatibilité Electromagnétique. Tous les produits faisant partie du champ d'application des Directives ci-dessus mentionnées portent la marque CE, qui atteste de la conformité aux conditions requises.

All lamps manufactured and illustrated in this catalog comply with European Standard EN 60 598 and consequently meet the requirements set forth in Directive 73/23 EEC (Low Voltage Directive). They also comply with Directive 89/336 covering electromagnetic compatibility. All products falling under the scope of the above-mentioned Directives bear the CE mark as proof of their compliance with the respective requirements.



L'apposition de la marque ENEC sur le produit confirme le respect de la Norme Européenne et garantit la fiabilité du système d'organisation et de production responsable de la fabrication du produit par un organisme de certification agréé. La marque ENEC confirme notre engagement et est la meilleure garantie en termes de sécurité et de qualité de tous nos produits.

The ENEC mark on the product stands for the compliance of European Standard as well as a trustworthy organisation and product system and is guaranteed by an accredited certification body. This agreed mark stands for our engagement and represents the best guarantee in security and quality matter of our products.



L'Association espagnole de Normalisation et de Certification AENOR certifie que le Système de garantie de qualité adopté par la société Antares Iluminación S. A. répond aux exigences de la Norme Européenne EN ISO 9001 : Système de Qualité.

The Spanish Association for Standards and Certification AENOR, certifies that quality assurance system adopted by Antares Iluminación, S.A. complies with the requirements of the standard UNE-EN ISO-9001 Quality Systems.



L'Organisme de Certification QCERT S.A.S. évalue la conformité de nos produits pour les commercialiser en Colombie, tout en tenant compte des normes nationales et internationales en vigueur. La certification des produits permet aux fabricants et commerçants d'étendre leurs marchés et d'obtenir un avantage compétitif pouvant aller au-delà des frontières du marché local, en renforçant le commerce à l'international.

The QCERT S.A.S. Certification Body evaluates the conformity of our products to enable their placement on the Colombian market while taking into account the current national and international regulations. This product certification allows manufacturers and marketers to expand their markets and gain a competitive advantage that can transcend the boundaries of the local market while enhancing international trade.



Créé par l'IECEE, le système de certification CB basé sur les normes internationales IEC est reconnu en Arabie Saoudite, Argentine, Australie, Autriche, Bahrein, Belgique, Biélorussie, Brésil, Bulgarie, Canada, Chine, Colombie, Croatie, Danemark, Émirats Arabes Unis, Finlande, France, Allemagne, Japon, Grèce, Inde, Indonésie, Irlande, Israël, Italie, Kenya, Libye, Malaisie, Mexique, Norvège, Nouvelle-Zélande, Pays-Bas, Pakistan, Pologne, Portugal, Royaume-Uni, République Tchèque, République de Corée, Roumanie, Russie, Serbie, Singapour, Slovaquie, Slovénie, Espagne, États-Unis, Afrique du Sud, Suède, Suisse, Thaïlande, Turquie, Ukraine, Hongrie et Uruguay.

Created by IECEE, the CB certification system based on the IEC International Standards is recognized in Saudi Arabia, Argentina, Australia, Austria, Bahrain, Belgium, Belarus, Brazil, Bulgaria, Canada, China, Colombia, Croatia, Denmark, United Arab Emirates, Finland, France, Germany, Japan, Greece, India, Indonesia, Ireland, Israel, Italy, Kenya, Libya, Malaysia, Mexico, Norway, New Zealand, Netherlands, Pakistan, Poland, Portugal, United Kingdom, Czech Republic, Republic of Korea, Romania, Russia, Serbia, Singapore, Slovakia, Slovenia, Spain, United States, South Africa, Sweden, Switzerland, Thailand, Turkey, Ukraine, Hungary and Uruguay.

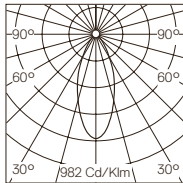
**Classification Photométrique
Photometric Data**

Au fil des années, le nombre d'impacts visuels auxquels l'homme est exposé a considérablement augmenté. Actuellement, il semble qu'environ 75% des informations élaborées par l'homme pour évoluer dans son environnement passent par les yeux, qui fonctionnent de la même façon qu'un appareil photographique, en utilisant la lumière émise ou réfléchiée par les objets présents dans l'environnement. Cela signifie que les informations élaborées par le cerveau dépendent fortement des niveaux et du type de lumière, et de la façon dont l'environnement est éclairé. Avec les outils photométriques (et plus particulièrement le programme de calcul), nous pouvons fournir aux concepteurs lumière le matériel nécessaire à la réalisation de projets d'éclairage conformément à la norme actuelle EN 12464-1, que ce soit en termes de distribution de la lumière, de confort visuel, d'efficacité lumineuse mais aussi de contrôle de la consommation énergétique. Pour exploiter au maximum les possibilités du programme de calcul, il est essentiel de disposer de toutes les informations nécessaires sur les produits à employer.

Norme EN 12464-1

Précise les exigences d'éclairage pour les lieux de travail intérieurs, qui doivent répondre aux besoins de confort et de performance visuels. Toutes les tâches courantes sont considérées, y compris le travail sur écran. en précisant les valeurs d'éclairage moyen E_m , l'indice du rendu des couleurs IRC (ou Ra), et du confort visuel UGR. Indice unifié d'éblouissement UGR (Unified Glare Rating) Définit la classe d'éblouissement causé par l'éclairage dans une pièce, en tenant compte de la typologie des appareils, des coefficients de réflexion, des dimensions des locaux et de la position des observateurs. Par exemple pour des postes CAD, les normes EN 12464-1 prescrivent $E_m = 500 \text{ lx}$, $R_a = 80$, $UGR < 19$.

Représentation Graphique des Caractéristiques de l'Émission Lumineuse



La distribution des intensités lumineuses émises par un appareil est représentée par un diagramme polaire relatif à un ou plusieurs plans C qui sectionnent l'appareil en passant par son axe de symétrie. Les plans et les intensités sont définis par un système de coordonnées sphériques (C, γ , I). Les courbes, dont les extrêmes des vecteurs d'intensité se rejoignent sur un plan C, s'appellent courbes photométriques ou indicateurs d'émission. Le nombre des plans section C est prescrit par les recommandations CIE et rappelé par la Norme Européenne concernant les relevés photométriques et les présentations de données (CEN 13 032-1). Pour les appareils qui présentent des émissions symétriques, l'émission lumineuse est représentée par une seule courbe. Dans tous les autres cas, la représentation graphique est donnée par des plans transversaux (C0-180) et longitudinaux (C90-270). Pour les appareils qui acceptent des lampes géométriquement identiques mais avec des flux lumineux différents, on accepte généralement que le diagramme polaire des intensités soit représenté par un flux lumineux idéal de 1.000 lumen et donc exprimé en cd/klm. Pour les sources lumineuses avec réflecteur intégré, les valeurs de l'intensité lumineuse maximum fournies dans ce catalogue sont absolues (cd) et ne se réfèrent pas à un flux normalisé de 1.000 lm, alors que pour les autres sources, les mêmes valeurs correspondent à un flux idéal de 1.000 lm (cd/klm). Pour produits LED intégrant une électronique de contrôle et des dissipateurs de chaleur, exigeant une alimentation secteur ou une source d'alimentation DC, incluant des luminaires à LED complets dotés de modules LED non remplaçables, la méthode de test LM-79 utilise la photométrie absolue pour mesurer directement le flux lumineux total pour une configuration particulière. La distribution réelle de la lumière et l'intensité lumineuse se mesurent directement à partir de l'ensemble du luminaire.

With the passing of time, we have been exposed to a rising number of visual impacts. It is currently estimated that about 75% of the information we process when relating to our surroundings is received through our eyes, which work very much like a camera, through the light that is emitted or reflected from objects in a given environment. This means that the information processed by the brain is heavily reliant on the level and type of light, and how this environment is illuminated. The photometric documentation that has been prepared (especially through the calculation program) aims to provide lighting designers with the material they need to develop lighting projects that comply with the EN 12464-1 standard now in force, in terms of sufficient light distribution, visual comfort, maximum lighting efficiency and consequently, the lowest possible energy consumption. In order to make the most of the calculation program, it is essential to have all the necessary information on the products to be used.

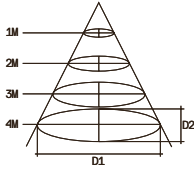
EN 12464-1 Standard

Sets the technical lighting requirements that satisfy the needs of indoor visual performance, especially in workplaces, even when visual display terminals are used, by prescribing the average illuminance values E_m , color rendering Ra, visual comfort UGR. UGR (Unified Glare Rating) Classifies the discomfort glare caused by an indoor lighting system, taking into account the kind of luminaires, the reflecting features and size of the rooms, the position of the observers. For example, for CAD workstations, EN 12464-1 standards set $E_m = 500 \text{ lx}$, $R_a = 80$, $UGR < 19$.

Diagram of the Characteristics of Light Output

Luminous intensity distribution is presented in the form of a polar plot of one or more C planes that cross-section the luminaire, passing through its light center of gravity. The planes and the intensity are shown by means of a system of spherical coordinates (C, γ , I). The curves that join the ends of the intensity vectors on a C plane are called photometric curves or output indicators. The number of C-section planes is prescribed by CIE recommendations, and is referred to in the European Standards on photometric measurements and data presentation (CEN 13 032-1). For revolving or symmetrical luminaires, light output is shown as a single curve. In all the other cases, the diagram shows the horizontal (C0-180) and longitudinal (C90-270) planes at least. For luminaires that can be fitted with light sources that are geometrically the same but with different luminous fluxes, it is generally accepted that the polar plot shows an ideal luminous flux of 1,000 lumen and is therefore expressed in cd/klm. For light sources that include reflectors, the maximum luminous intensity values provided in this catalogue are absolute (cd) and do not refer to a standard 1,000 lm flux. For other sources, the same values correspond to an ideal 1,000 lm (cd/klm) flux. For LED-based products incorporating control electronics and heat sinks, products requiring only line voltage or DC power supply, including complete LED luminaires with no replaceable integrated LED sources, the LM-79 test method uses absolute photometry to directly measure total lumen output for a particular configuration. The real distribution of light and light intensity are measured directly for the complete luminaire.

E(lx/Klm)	D(m)
1	4918 0.20
2	1229 0.40
3	546 0.60
4	307 0.80
5	197 0.99



Eclairage Lumineux (représenté par le Symbole E)

L'éclairage moyen exprimé en lux (lx) sur une surface est le quotient du flux lumineux reçu par la surface, exprimé en lumen (lm) par l'aire (m²) de la dite surface. En fonction des exigences, on peut calculer les éclairages horizontaux (par ex. pour lire sur un bureau), verticaux (éclairage d'un terrain de sport permettant de reconnaître les athlètes), ou semi-cylindriques (mobilier urbain : pour identifier la personne que l'on croise).

Dans certains cas, l'utilisation de spots ou de lampes avec réflecteur incorporé par exemple, la représentation des prestations est simplifiée par des tableaux dits "cônes de lumière" qui reprennent les valeurs d'éclairage moyen et maximum, et les diamètres de la tâche lumineuse en fonction de la distance du plan par rapport à l'appareil. L'angle au sommet du cône de lumière correspond à l'ouverture du faisceau de l'appareil, c'est à dire l'angle décrit par le vecteur intensité quand son module est plus grand que la moitié de l'intensité lumineuse. L'éclairage est exprimé en lux pour chaque 1.000 lm (lx/Klm). Pour les sources lumineuses avec optique incorporée, les valeurs d'éclairage moyen et maximum sont absolues, tandis que pour les autres sources, elles correspondent à un flux idéal de 1.000 lm.

Isolux

Sur une surface de calcul, les résultats photométriques d'un éclairage peuvent être graphiquement représentés par des « isolux », c'est à dire des lignes qui relient les points de même éclairage. Les isolux permettent une évaluation rapide, même si la valeur moyenne et l'uniformité de l'éclairage sont approximatifs.

CIE 62/98/100/100/74
DIN A50
UTE 0.47C+0.00T
CIBSE TM5 BZ3/2/BZ2

Classification Photométrique des Appareils

En considérant la distribution spatiale du flux lumineux il est possible de définir la classe photométrique d'un appareil qui soit conforme aux différentes recommandations et normes : CIE, DIN 5040, UTE, et CIBSE LG3.

CIE

Représentation de la distribution du flux émis par l'appareil à l'intérieur des cônes avec angles d'ouverture définis ; le dernier chiffre de la série indique le rendement total de l'appareil. Les appareils d'éclairage sont classés sur la base de cinq nombres (codes CIE)
 $N_1 = F_1/F_4$ $N_2 = F_2/F_4$ $N_3 = F_3/F_4$ $N_4 = F_4/F_5$ $N_5 = F_5/F =$ rendement
 Ainsi :
 F_1 est le flux émis dans le cône d'un angle solide $\pi/2$, angle au sommet 83°
 F_2 est le flux émis dans le cône d'un angle solide π , angle au sommet 120°
 F_3 est le flux émis dans le cône d'un angle solide $3\pi/2$, angle au sommet 151°
 F_4 est le flux émis dans le cône d'un angle solide 2π , angle au sommet 180°
 F_5 est le flux émis dans le cône d'un angle solide 4π , angle au sommet 360°
 F est le flux installé.

Illuminance (shown as E)

The average illuminance expressed in lux (lx) on a surface is the quotient resulting from the luminous flux, expressed in lumen (lm), on the surface and the dimension (m²) of the surface itself. Depending on the need, the illuminance value can be horizontal (e.g. on a desk: for reading), vertical (illumination of a sports fields: to see the players), semi-cylindrical (urban fittings: to see who is coming towards us).

In some cases, for example when using spotlights or lamps with a reflector, the performance features are simply shown by means of tables called "light cones" showing both the average and maximum illuminance values, as well as the diameter of the luminous spot, in relation to the distance of the plane from the luminaire. The vertex angle of the light cone is the luminaire's beam, that is, the angle formed by the intensity vector when its module is greater than half of the maximum intensity.

Illuminance is expressed in lux per 1,000 lm (lx/Klm). For light sources that include reflectors, the average and maximum illuminance values are absolute. For other sources, they correspond to an ideal 1,000 lm flux.

Isolux

The photometric results of a lighting installation can be shown on a surface using an "Isolux", that is, lines connecting the points with the same illuminance. Isolux diagrams are used to quickly determine, albeit in an approximate manner, the average value and uniformity of the illuminance.

Photometric classification of luminaires

Using the classification of luminous flux distribution and using the various ratios between the flux emitted by a luminaire in the upper and lower hemispheres, as well as the ratio of their different yields, a luminaire can be classified on the basis of different recommendations and standards: CIE, DIN 5040, UTE, and CIBSE LG3.

CIE

Diagram of flux distribution by a luminaire inside cones with specific angles; the last number of the series provides the total output ratio of the luminaire. Illuminating luminaires are classified on the basis of five numbers (CIE codes)
 $N_1 = F_1/F_4$ $N_2 = F_2/F_4$ $N_3 = F_3/F_4$ $N_4 = F_4/F_5$ $N_5 = F_5/F =$ yield
 Where:
 F_1 is the flux emitted in the solid angle cone $\pi/2$, vertex angle 83°
 F_2 is the flux emitted in the solid angle cone π , vertex angle 120°
 F_3 is the flux emitted in the solid angle cone $3\pi/2$, vertex angle 151°
 F_4 is the flux emitted in the solid angle cone 2π , vertex angle 180°
 F_5 is the flux emitted in the solid angle cone 4π , vertex angle 360°
 F is the installed flux.

DIN 5040

La classification photométrique des appareils est constituée d'une lettre et deux chiffres. La lettre indique la distribution lumineuse en partant de A (directe concentrée), jusqu'à E (indirecte). Le premier chiffre indique le pourcentage de flux lumineux émis dans l'hémisphère inférieur (direct). Le second chiffre indique le pourcentage de flux dans l'hémisphère supérieur (indirect).

UTE

La classification photométrique des appareils est constituée d'un nombre qui indique le rendement, suivi d'une lettre qui indique la distribution lumineuse en partant de A pour le faisceau étroit jusqu'à J pour le semi-indirect. Dans le cas où l'appareil aurait également une émission indirecte (supérieur), on ajoute le rendement indirect suivi de la lettre "T". Par exemple, pour un appareil qui émet 30% de son flux vers le bas et 35% du flux vers le haut, avec une émission semi-indirecte, le code UTE serait 0,30J + 0,35T.

CIBSE LG3

Avec les modifications du Lighting Guidance 3 en 2001, le système de classification pour les catégories (Cat) a été supprimé pour rejoindre la norme Européenne EN 12464-1. Cette norme anglaise classait les appareils en trois catégories, en fonction de la luminance sur quatre plans : C0-180, C90-270, C135-315 et C225-45. Etaient classés comme CIBSE LG3 Cat 1 les appareils ayant une luminance inférieure à 200 cd/m² pour des angles d'observation γ à partir de 55°. Etaient classés CIBSE LG3 Cat 2 les appareils ayant une luminance inférieure à 200 cd/m² pour des angles d'observation γ à partir de 65°. Etaient classés CIBSE LG3 Cat 3 les appareils ayant une luminance inférieure à 200 cd/m² pour des angles d'observation γ à partir de 75°.

Filtres Colorés

L'application de filtres colorés sur un appareil d'éclairage permet de modifier les caractéristiques colorimétriques – par exemple, la température de couleur de la lampe - en l'adaptant aux exigences d'un éclairage concentré ou d'une ambiance spécifique. De plus, l'utilisation de filtres entraîne une réduction de l'émission lumineuse d'entité variable en fonction des caractéristiques du filtre.

Fichiers Eulumdat

Les fichiers Eulumdat de tous les luminaires FLOS sont disponibles sur notre site web www.flos.com, pour une utilisation avec les programmes de calcul d'éclairage.

DIN 5040

The photometric classification of luminaires consists of a letter and two numbers. The letter indicates the luminous distribution starting from A: direct concentrated to E: indirect. The first number indicates the percentage of luminous flux emitted in the lower hemisphere (direct). The second number indicates the percentage of luminous flux in the upper hemisphere (indirect).

UTE

The photometric classification of luminaires consists of a number that indicates the direct output ratio followed by a letter that indicates the luminous distribution starting from A for a narrow angle to J for semi-indirect. Should the luminaire also have indirect emission (upper hemisphere), the indirect yield followed by the letter "T" is added. For example, for a luminaire emitting 30% of its flux downwards and 35% upwards, with a semi-indirect emission, the UTE code would be 0.30J + 0.35T.

CIBSE LG3

With the amendment of Lighting Guidance 3 in 2001, the category classification system (Cat) was abolished to conform to European Standard EN 12464-1. This British Standard classified luminaires in three luminance categories: C0-180, C90-270, C135-315 and C225-45. CIBSE LG3 Cat 1 if luminance was lower than 200 cd/m² starting at a 55° observation angle γ . CIBSE LG3 Cat 2 if luminance was lower than 200 cd/m² starting at a 65° observation angle γ . CIBSE LG3 Cat 3 if luminance was lower than 200 cd/m² starting at a 75° observation angle γ .

Colored Filters

The use of colored filters in a luminaire modifies its photo-colorimetric features, for example the color temperature of the light bulb, adapting it for accent lighting or for a special setting. The use of filters also reduces the luminous output which can vary depending on the filter's characteristics.

Eulumdat Files

The Eulumdat files of all the FLOS luminaires are available on our website www.flos.com, so they can be used in technical lighting calculations.

SOFT ARCHITECTURE

Wall Rupture, Softprofile, Kaprofile,
Lightlight® In System Profile, Juncos,
Wall Piercing, Soft Spun, Abajourd'hui,
Usl Pluto, Uso Boob, Usl Out, Usl 900 Disk,
Apps, G-O In, Teardrop, Uso, Uso Cove Lighting,
Round, Square & Vertical Light,
Usl Round & Square Light.



Wall Rupture



Softprofile Smooth

Smooth Small

Smooth Large



Softprofile Deco

Starck Small

Starck Large

Wanders Small

Wanders Large



Kaprofile



Lightlight® In System Profile

Surface

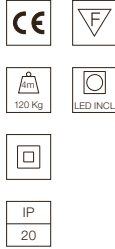
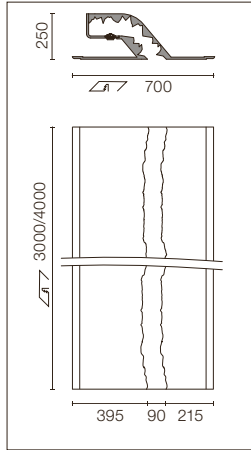
Flushed

W-W



Wall Rupture Designed By Thierry Dreyfus

Light Source: LED White - Gold Finish - 17,5W/m - 1140 lm/m - 2700K / LED White - Silver Finish - 17,5W/m - 1225 lm/m - 5000K



Luminaire encastrable pour installation murale à technologie Soft. Modules LED à différentes températures de couleur selon la décoration et équipements non dimmables compris.

Soft technology wall-mounted, recessed luminaire. LED modules to emit lights with different colour temperature depending on décor; non-dimmable gear included.

Pour une configuration personnalisée demander au service commercial Flos architectural.

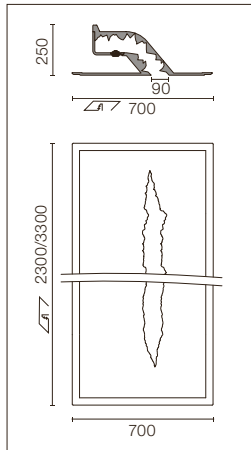
For personal configuration ask Flos architectural sales team.

Profile

- 3m
 - SA.2423.5A145
 - SA.2423.5A165
- 4m
 - SA.2424.5A145
 - SA.2424.5A165

Wall Rupture with End caps Designed By Thierry Dreyfus

Light Source: LED White - Gold Finish - 17,5W/m - 1140 lm/m - 2700K / LED White - Silver Finish - 17,5W/m - 1225 lm/m - 5000K

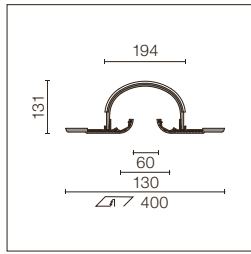


End cap

- 2,3m
 - SA.2453.5A145
 - SA.2453.5A165
- 3,3m
 - SA.2454.5A145
 - SA.2454.5A165



Softprofile Smooth Small Designed By Flos Soft Architecture



Luminaire encastrable pour installation murale ou au plafond à technologie Soft. Permet une installation de modules LED des deux côtés. Systèmes d'éclairage non compris.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

Voir modules LED et contrôleurs LED.

See LED modules and LED drivers.

Embout de Finition / End cap



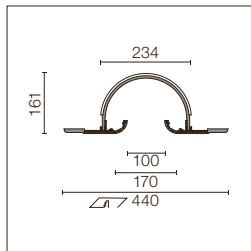
Profile

3m
SA.2293.1
4m
SA.2294.1

End cap

SA.2295.1

Softprofile Smooth Large Designed By Flos Soft Architecture



Luminaire encastrable pour installation murale ou au plafond à technologie Soft. Permet une installation de modules LED des deux côtés. Systèmes d'éclairage non compris.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

Voir modules LED et contrôleurs LED.

See LED modules and LED drivers.

Embout de Finition / End cap



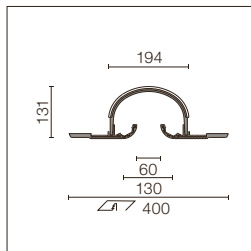
Profile

3m
SA.2323.1
4m
SA.2324.1

End cap

SA.2325.1

Softprofile Deco Starck Small Designed By Philippe Starck



Luminaire encastrable pour installation murale ou au plafond à technologie Soft. Permet une installation de modules LED des deux côtés. Systèmes d'éclairage non compris.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

Voir modules LED et contrôleurs LED.

See LED modules and LED drivers.

Embout de Finition / End cap



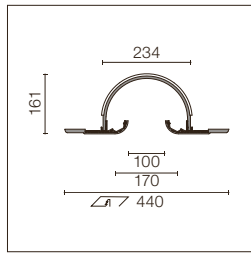
Profile

3m
SA.2313.1
SA.2313.3.120
SA.2313.3.140
SA.2313.3.160
4m
SA.2314.1
SA.2314.3.120
SA.2314.3.140
SA.2314.3.160

End cap

SA.2295.1

Softprofile Deco Starck Large Designed By Philippe Starck



Embout de Finition / End cap



Luminaire encastrable pour installation murale ou au plafond à technologie Soft. Permet une installation de modules LED des deux côtés. Systèmes d'éclairage non compris.

Voir modules LED et contrôleurs LED.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

See LED modules and LED drivers.

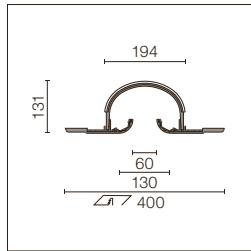
Profile

- 3m
 - SA.2343.1
 - SA.2343.3.120
 - SA.2343.3.140
 - SA.2343.3.160
- 4m
 - SA.2344.1
 - SA.2344.3.120
 - SA.2344.3.140
 - SA.2344.3.160

End cap

- SA.2325.1

Softprofile Deco Wanders Small Designed By Marcel Wanders



Embout de Finition / End cap



Luminaire encastrable pour installation murale ou au plafond à technologie Soft. Permet une installation de modules LED des deux côtés. Systèmes d'éclairage non compris.

Voir modules LED et contrôleurs LED.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

See LED modules and LED drivers.

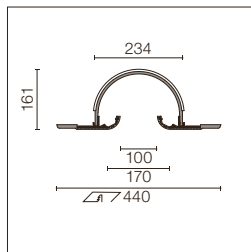
Profile

- 3m
 - SA.2303.1
 - SA.2303.3.120
- 4m
 - SA.2304.1
 - SA.2304.3.120

End cap

- SA.2295.1

Softprofile Deco Wanders Large Designed By Marcel Wanders



Embout de Finition / End cap



Luminaire encastrable pour installation murale ou au plafond à technologie Soft. Permet une installation de modules LED des deux côtés. Systèmes d'éclairage non compris.

Voir modules LED et contrôleurs LED.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

See LED modules and LED drivers.

Profile

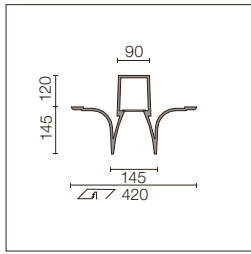
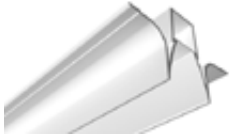
- 3m
 - SA.2333.1
 - SA.2333.3.120
- 4m
 - SA.2334.1
 - SA.2334.3.120

End cap

- SA.2325.1

SOFT ARCHITECTURE | LINEAR

Kaprofile Designed By Flos Soft Architecture



Profil modulable à technologie Soft pour une installation au plafond. Systèmes d'éclairage fluorescents non compris.

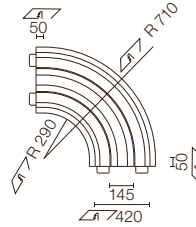
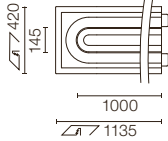
Soft technology ceiling-mounted modular profile. Fluorescence lighting systems not included.

Voir modules LED et contrôleurs LED.

See LED modules and LED drivers.

Embout de Finition / End cap

*Angle / Corner



2m
SA.2282.1

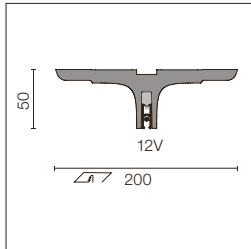
End cap 1m
SA.2285.1

Corner
SA.2286.1

* Modules d'éclairage d'angle inclus. Voir module T5, p.499.

* In Corner, lighting modules included. See T5 module, p.499.

LightLight® In System Profile Surface Designed By Hans Buschfeld And Flos Soft Architecture



Profil modulable à technologie Soft pour une installation au plafond, permettant une parfaite intégration des produits LightLight® de Flos architectural. Systèmes d'éclairage non compris.

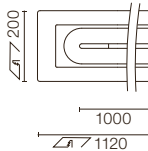
Soft technology ceiling-mounted modular profile, allowing for perfect integration of the Flos architectural LightLight® products. Lighting systems not included.

Rail non compris. Set de montage compris.

Track not included. Mounting set included.

Embout de Finition / End cap

Angle / Corner



2m
SA.2222.1

End cap 1m
SA.2225.1

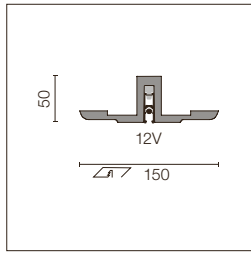
Corner
SA.2226.1

Produits LightLight® Conseilles / LightLight® Recommended Products

Tube	Point	Disc 111	Pinpin	B15

SOFT ARCHITECTURE | LINEAR

LightLight® In System Profile Flushed Designed By Hans Buschfeld And Flos Soft Architecture



Profil modulable à technologie Soft pour une installation au plafond, permettant une parfaite intégration des produits LightLight® de Flos architectural. Systèmes d'éclairage non compris.

Soft technology ceiling-mounted modular profile, allowing for perfect integration of the Flos architectural LightLight® products. Lighting systems not included.

Rail non compris. Set de montage compris.

Track not included. Mounting set included.

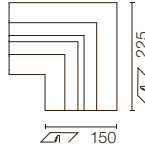
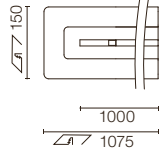
Embout de Finition / End cap

Angle / Corner

2m
SA.2212.1

End cap 1m
SA.2215.1

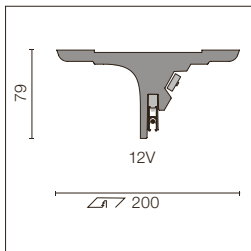
Corner
SA.2216.1



Produits LightLight® Conseilles / LightLight® Recommended Products

Tube	Point	Disc 111	Pinpin	B15

LightLight® In System Profile W-W Designed By Hans Buschfeld And Flos Soft Architecture



Profil modulable à technologie Soft pour une installation au plafond, permettant une parfaite intégration des produits LightLight® de Flos architectural ainsi que des modules LED pour un éclairage indirect. Systèmes d'éclairage non compris.

Soft technology ceiling-mounted modular profile, allowing for perfect integration of the Flos architectural LightLight® products, as well as LED modules for indirect lighting. Lighting systems not included.

Rail non compris. Set de montage compris.

Track not included. Mounting set included.

Voir les drivers LED.
Voir les accessoires proposés.

See LED drivers.
See available accessories.

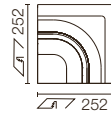
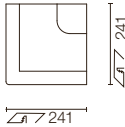
Angle Intérieur / Corner Inside

Angle Extérieur / Corner Outside

2m
SA.2272.1

Corner Inside
SA.2276.1

Corner Outside
SA.2278.1



Produits LightLight® Conseilles / LightLight® Recommended Products

Tube	Point	Disc 111	Pinpin	B15

LIGHTLIGHT® IN SYSTEM PROFILE

Accessoires / Accessories

Rail encastré, L=2000. Peut être coupé sur place, matériel de montage non compris.



BU93032
BU93002
BU93042
BU93022

Track for recessed mounting, L=2000. Can be shortened on site. Without mounting set.

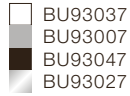
Rail encastré avec alimentation à vis, ne peut être coupé sur place. Comprenant 2 embouts de finition. Droit ou gauche, L=2000. Matériel de montage non compris.



BU93036
BU93006
BU93046
BU93026

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=2000. Without mounting set.

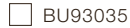
Rail encastré avec alimentation à vis, ne peut être coupé sur place. Comprenant 2 embouts de finition. Central, L=2000. Matériel de montage non compris.



BU93037
BU93007
BU93047
BU93027

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Centre, L=2000. Without mounting set.

Rail encastré avec alimentation à vis, ne peut être coupé sur place. Comprenant 2 embouts de finition. Droit ou gauche, L=660. Matériel de montage non compris.



BU93035

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=660. Without mounting set.

Rail encastré avec alimentation à vis, ne peut être coupé sur place. Comprenant 2 embouts de finition. Droit ou gauche, L=330. Matériel de montage non compris.



BU93033

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=330. Without mounting set.

Embout d'alimentation comprenant 2 embouts de finition, supérieur, L=35mm, connection à vis. Droit ou gauche.



BU93612
BU93614
BU93613
BU93611

Power feed, including 2 end caps. Top, L=35, with screw connection. Right or left.

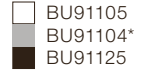
Embout d'alimentation comprenant 2 embouts de finition, supérieur, L=35mm, connection à vis. Central.



BU93616
BU93619
BU93617
BU93615

Power feed, including 2 end caps. Top, L=35, with screw connection. Centre.

Embout d'alimentation comprenant 2 embouts de finition, axial, droit et gauche, L=35, connection à vis.



BU91105
BU91104*
BU91125

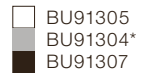
Power feed, including 2 end caps. Axial, L=35. Right or left, screw connection.

Connecteur linéaire conducteur, L=0.

BU93111

Linear connector conductive, L=0.

Connecteur linéaire d'isolation, L=1.



BU91305
BU91304*
BU91307

Linear connector insulating, L=1.

Connecteur d'angle de 90°, L=0. Coupe en onglet lors de l'installation.

Conductive
BU93113
Non Conductive
BU93115

Angle connector 90°, L=0. Mitre cut on site.

Connecteur a angle pour surface SA.2226.1.

Conductive
BU93119
Non Conductive
BU93121

Connector for corner surface SA.2226.1.

Outil pour extraction de rail.



80.2435

Track extraction tool.

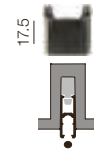
Clip pour rail encastré.



80.2433

Recessed fastening track clip.

Clip pour rail semi-encastré.



80.2434

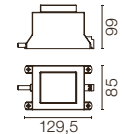
Semi-recessed fastening track clip.

* Utiliser la même référence aussi pour la finition en aluminium poli.
Use the same article code also for the polished aluminum finish.

Appareillages / Drivers

Transformateur électromagnétique
12V. 230V, 150-300W, 50/60Hz.

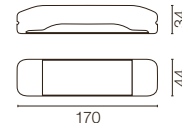
Electromagnetic transformer 12V.
230V, 150-300W, 50/60Hz.



60.8724

Transformateur électronique 12V.
230/240V, 50/225W.

Electronic transformer 12V.
50-225W, 230/240V.




60.8364

SOFT ARCHITECTURE | LINEAR

USP T5 DIRECT LIGHT - T5 MODULE

For Kapprofile

Module Lineaire T5 Double Linear Module T5 Double

	T5 FH 	Reference Reference	Watt (W) Wattage (W)	Longueur (L) Lenght (L)	* Nombre (N°) Number (N°)
Module T5 linéaire pour un éclairage optimal sans zones d'ombre, grâce à la superposition. Les modules sont disponibles en version dimmable et pour différentes puissances T5 (haut rendement). Lampes non incluses.		Non Dimmable			
		08.8306.00	2x21	1025	9
		08.8307.00	2x28	1325	9
		08.8308.00	2x35	1625	9
Linear T5 module for optimal illumination without dark zones, which are avoided by the overlapping. The modules are available in a dimmable version, and for different T5 wattages (high efficiency). Lamp not included.		Dimmable 1-10V			
		08.8320.00	2x21	1025	9
		08.8321.00	2x28	1325	9
		08.8322.00	2x35	1625	9
		Dimmable Dali			
		08.8314.00	2x21	1025	9
		08.8315.00	2x28	1325	9
		08.8316.00	2x35	1625	9

* N°: Nombre maximum de modules connectés sur une ligne.
N°: Maximum number of modules connected in one line.

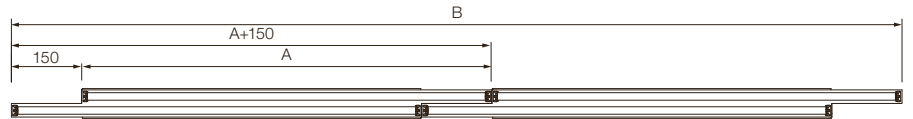
Module Lineaire T5 Schema Double Linear Module T5 Double Scheme



Module Lineaire T5 Connexion Double Linear Module T5 Double Connection

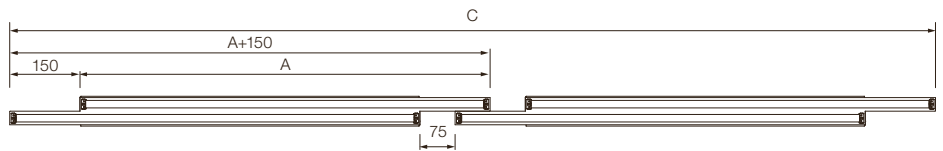
Superposition Maximum / Maximum Overlapping

Watt Wattage (W)	A	B	* Nombre Number (N°)
2x21	875	1900	9
2x28	1175	2500	9
2x35	1475	3100	9



Superposition Minimum / Minimum Overlapping

Watt Wattage (W)	A	C	* Nombre Number (N°)
2x21	875	1975	9
2x28	1175	2575	9
2x35	1475	3175	9



Accessoires / Accessories

Câble d'alimentation à prise femelle. Trois pôles, longueur: 250mm. Uniquement pour les versions non-variables. À commander séparément.

Feed cable with female plug. Three poles, length: 250mm. Only for not dimmable versions. Must be ordered separately.



08.8330.00

Câble d'alimentation à prise femelle. Trois pôles, longueur: 250mm. Câble d'alimentation pour signal 1-10V/DALI inclus. À commander séparément.

Feed cable with female plug. Three poles, length: 250mm. Feed cable for signal 1-10V / DALI included. Must be ordered separately.



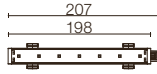
08.8356.00

SOFT ARCHITECTURE | LINEAR

LED DRIVERS

For: Softprofile Smooth - Softprofile Deco - Lightlight® In System Profile W-W

Module LED Lineaire Linear Module LED



Module LED pour un éclairage indirect optimal. Connexions tyco mâle / femelle pour une connexion simple de chaque côté. Peut être accroché directement au profilé.

LED module for optimal indirect illumination. Tyco connections male / female for easy electrical connection in both sides. Can be clipped directly to the Profile.

White

08.8512.00C
3,5W
228 lm
3000K
CRI 85

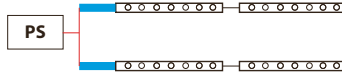
RGB

08.8294.00A
1,7W
77 lm
CRI>90

08.8513.00C
7W
456 lm
3000K
CRI 85

08.8296.00A
3,5W
154 lm
CRI>90

Non Dimmable



Cablage Wiring

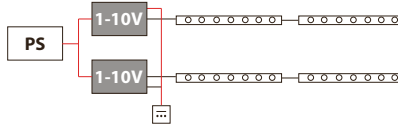
Câble d'alimentation de 500mm pour modules LED blancs à connexion rapide. Un pour chaque ligne de LED est nécessaire (deux pour chaque profilé) Maximum pour chaque câble d'alimentation: 3 mètres linéaires de LED. Alimentation électronique non comprise.

500mm feed cable for white LED modules with fast connection. Necessary one for each LED line (two for each Profile). Maximum for each feed cable: 3 LED line meters. Electronic power supply not included.

White

06.1016.00

Dimmable 1-10V



Interfaces Dimmables Dimmable Interface

Interface 1-10V avec deux câbles d'alimentation de 500mm pour modules LED blancs avec connexion rapide. Maximum pour chaque interface: 6 mètres de LED. Alimentation électronique non comprise.

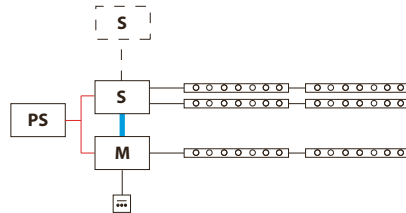
1-10V interface with two 500mm feed cable for white LED modules with fast connection. Maximum for each interface: 6 LED meters. Electronic power supply not included.

White

06.1022.00

1-10V

Interfaces Dimmables Dimmable Interfaces



Interface Master Dali avec un distributeur à 5 pôles et deux câbles d'alimentation de 500mm pour une connexion aisée. Alimentation électronique non comprise.

Dali Master interface with one 5 pole distributor and two 500mm feed cable for easy connection. Electronic power supply not included.

White

06.1023.00

M

RGB

06.1025.00

M

Interface Master DMX avec un distributeur à 5 pôles et deux câbles d'alimentation de 500mm pour une connexion aisée. Alimentation électronique non comprise.

DMX Master interface with 5 pole distributor and two 500mm feed cable for easy connection. Electronic power supply not included.

06.1026.00

M

Interface Master RGB à radio fréquence (RF) avec un distributeur à 5 pôles et deux câbles d'alimentation de 500mm pour une connexion aisée. Transmetteur mural intégré pour faire changer la couleur. Alimentation électronique non comprise.

Radio Frequency (RF) RGB Master interface with 5 pole distributor and two 500mm feed cable for easy connection. Wall transmitter to make color changing integrated. Electronic power supply not included.

06.1027.00

M

SOFT ARCHITECTURE | LINEAR

LED DRIVERS

For: Softprofile Smooth - Softprofile Deco - Lightlight® In System Profile W-W

Interfaces Dimmables Dimmable Interfaces

Interface Slave pour étendre le signal avec deux distributeurs à 5 pôles et quatre câbles d'alimentation de 500mm pour une connexion aisée. Alimentation électronique non comprise.

Slave interface to expand the signal with two 5 pole distributors and four 500mm feed cable for easy connection. Electronic power supply not included.

White	RGB
06.1024.00 S	06.1028.00 S
08.8297.00	08.8298.00

Câble de prolongation de 2 mètres pour modules LED avec connexion rapide. Peuvent être connectés les uns aux autres pour obtenir plus de longueur. 20 mètres max.

2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.

Alimentation / Power Supply

Installation dans Faux-Plafond Installation in False Ceiling

PS

Électronique 25W / Electronic 25W
Alimentation électrique / Power supply
LED. 25W – 24V. 100-240V, 50-60Hz.

60.8703

Électronique 60W / Electronic 60W
Alimentation électrique / Power supply
LED. 60W – 24V. 100-240V, 50-60Hz.

60.9089

Électronique 120W / Electronic 120W
Alimentation électrique / Power supply
LED. 120W – 24V. 100-240V, 50-60Hz.

60.9407

Installation à Distance sur Tableau Électrique Remote Installation Electrical Panel

PS

Électronique 240W / Electronic 240W
Alimentation électrique / Power supply
LED. 240W – 24V. 100-240V, 50-60Hz.

60.8268

Électronique 480W / Electronic 480W
Alimentation électrique / Power supply
LED. 480W – 24V. 100-240V, 50-60Hz.









60.8452

Électronique 750W / Electronic 750W
Alimentation électrique / Power supply
LED. 750W – 24V. 100-240V, 50-60Hz.

60.8453

Tables d'installation / Installation Guidelines

White

	20W	60W	100W	150W	240W	480W	750W	
Longueur max du LED* Max lenght LED*	1m	3,5m	5,5m	8m	13m	27m	42m	
Section cable (fourni par l'installateur) Cable section (installer provides)	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²	
Distance maximum Max distance	 	5m	10m	15m	30m	50m	100m	250m
Distance maximum Max distance	 	20m						
Distance maximum Max distance	 	20m						
Longueur max LED connectés à Max lenght LED connected to		2m						
Longueur max LED connectés à Max lenght LED connected to		4m						

RGB

20W	60W	100W	150W	240W	480W	750W
2m	8m	12m	20m	34m	68m	107m
0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²
5m	10m	15m	30m	50m	100m	250m
20m						
20m						
7m						
14m						

* Attention: Pour Lightlight® In System Profile W-W, longueur de LED = longueur du profilé. Pour Softprofile, 2x longueur de LED = longueur du profilé.
Beware: For Lightlight® In System Profile W-W and USP 10 05 05, LED lenght = profile lenght. For Softprofile, 2x LED lenght = profile lenght.



Juncos

Juncos 1L



Juncos 3L



Juncos 6L



Juncos 9L



Wall Piercing

Wall Piercing 1X



Wall Piercing 2X



Wall Piercing 4X



Wall Piercing 2X Line



Soft Spun

Soft Spun Small
Halogen/ Fluorescent/
LED



Soft Spun Large
Halogen/ Fluorescent/
LED



Abajourd'hui

Abajourd'hui Small



Abajourd'hui Large



USL Pluto

USL 100 Pluto

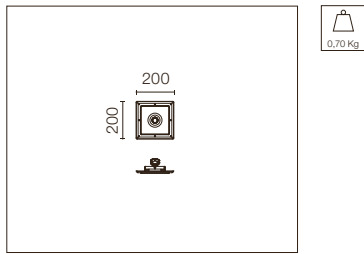


USL 200 Pluto



Juncos Designed By Flos Soft Architecture

Juncos 1L



Luminaire LED d'intérieur semi-encastable qui, doté de la technologie Soft Architecture, s'intègre parfaitement dans l'espace architectural. Alimentation non comprise.

Semi-recessed LED luminaire for indoor applications. Seamless integration in the architectural environment by Soft Architecture technology. Power supply not included.

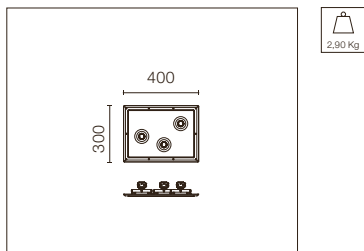
Produit précâblé pour son alimentation en courant constant.

Pre-wired product to be connected to constant current.

Alimentations recommandées : 60.8655

Recommended power supply:

Juncos 3L



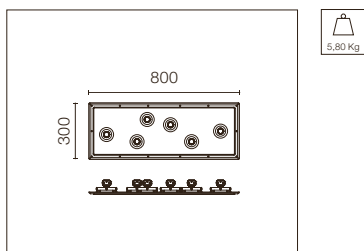
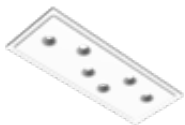
Produit précâblé avec connexion en série pour son alimentation en courant constant.

Pre-wired product for serial connection to constant current.

Alimentations recommandées : 60.8655

Recommended power supply:

Juncos 6L



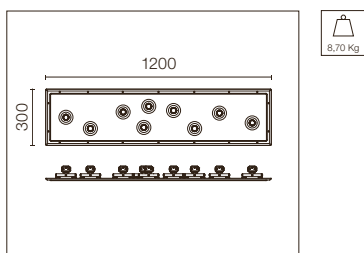
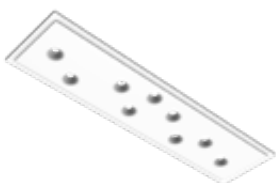
Produit précâblé avec connexion en série pour son alimentation en courant constant.

Pre-wired product for serial connection to constant current.

Alimentations recommandées : 60.8656

Recommended power supply:

Juncos 9L



Produit précâblé avec connexion en série pour son alimentation en courant constant.

Pre-wired product for serial connection to constant current.

Alimentations recommandées : 60.8656

Recommended power supply:

Plaque Soft / Soft Plate

Juncos 1L

SA.5200.5.120

Juncos 3L

SA.5201.5.120

Juncos 6L

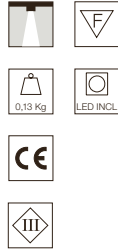
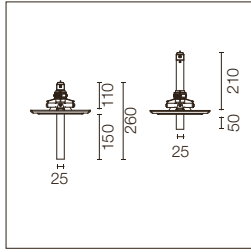
SA.5202.5.120

Juncos 9L

SA.5203.5.120

Junco 250 mm

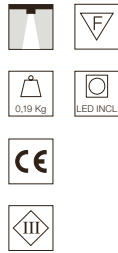
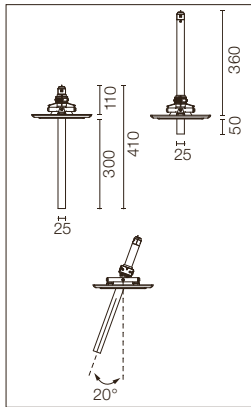
Light Source: Power LED DC 700 mA - 2,1W - 216 lm - 3000K/CRI 80 / 2,1W - 182 lm- 2700K/CRI 90



Luminaire qui offre une grande polyvalence. Individuellement orientable et à encastrément réglable. Disponible en finitions noir, blanc et chrome.

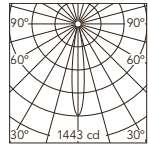
Luminaire that offers many possibilities. Can be individually focused and their recessed height is adjustable. Available in a black, white and chrome finish.

Junco 400 mm



Junco 250 mm 2700K

- 08.8595.40A
- 08.8595.06A
- 08.8595.AAA



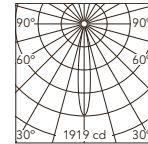
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	1443	0.27
2	361	0.53
3	160	0.80
4	90	1.07
5	58	1.34

Luminous flux luminaire 130 lm

3000K

- 08.8590.40A
- 08.8590.06A
- 08.8590.AAA



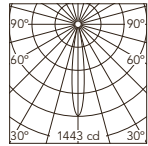
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	1919	0.27
2	480	0.53
3	213	0.80
4	120	1.07
5	77	1.34

Luminous flux luminaire 173 lm

Junco 400 mm 2700K

- 08.8596.40A
- 08.8596.06A
- 08.8596.AAA



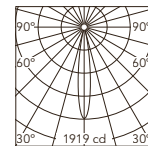
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	1443	0.27
2	361	0.53
3	160	0.80
4	90	1.07
5	58	1.34

Luminous flux luminaire 130 lm

3000K

- 08.8591.40A
- 08.8591.06A
- 08.8591.AAA



Beam Angle: 15°

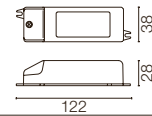
h(m)	E(lx)	D(m)
1	1919	0.27
2	480	0.53
3	213	0.80
4	120	1.07
5	77	1.34

Luminous flux luminaire 173 lm

Appareillages / Drivers

Alimentation à courant continu de 17W, 700mA - 100/240V - 50/60Hz.

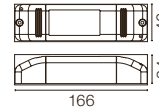
Non dimmable continuous current power supply of 17W, 700mA - 100/240V - 50/60Hz.



60.8655

Alimentation à courant continu de 32W, 350/500/700mA - 220/240V - 50/60Hz.

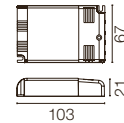
Non dimmable continuous current power supply of 32W, 350/500/700mA - 220/240V - 50/60Hz.



60.8656

Alimentation à courant continu 25W, 120-240V / 50-60Hz avec courant d'alimentation à sélectionner par switch 350/500/700mA réglable 1-10V ou bouton poussoir.

Continuous current power supply of 25W, 120-240V - 50/60Hz with power current selected through adjustable 350/ 500/700mA 1-10V switch or push dimming.



60.8533

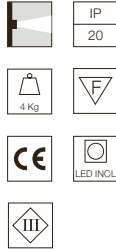
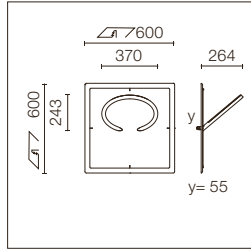
Distance maximale de l'appareil a LED / Max. distance from LED driver

Appareil à courant constant / constant current driver (700ma)

Distance / Distance	10 m	20 m	50 m
Section de câble / Cable section	0,5mm ²	1mm ²	2,5mm ²

Wall Piercing 1X Designed By Ron Gilad

Light Source: LED White 1x6,4W - 416 lm - 2700K/CRI>90 / LED RGB 1x7,4W



Luminaire semi-encastrable à installer au plafond ou au mur. Disponible en versions LED blanche ou RGB. Équipement et contrôleurs non compris.

Soft technology semi-recessed luminaire for ceiling or wall mounting. Available in white LED or RGB versions. Control gear not included.

Modules LED inclus. Pour l'alimentation et l'interface dimmable, voir les drivers LED.

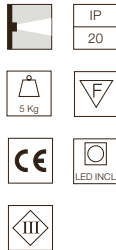
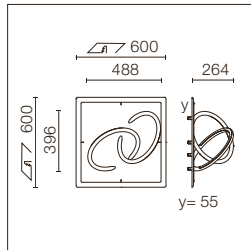
LED modules included. For power supply and dimming interface see LED drivers.

- LED White
- SA.5020.5A120
 - SA.5020.5A180

- LED RGB
- SA.5020.6A120
 - SA.5020.6A180

Wall Piercing 2X Designed By Ron Gilad

Light Source: LED White 2x6,4W - 2x416 lm - 2700K/CRI>90 / LED RGB 2x7,4W



Luminaire semi-encastrable à installer au plafond ou au mur. Disponible en versions LED blanche ou RGB. Équipement et contrôleurs non compris.

Soft technology semi-recessed luminaire for ceiling or wall mounting. Available in white LED or RGB versions. Control gear not included.

Modules LED inclus. Pour l'alimentation et l'interface dimmable, voir les drivers LED.

LED modules included. For power supply and dimming interface see LED drivers.

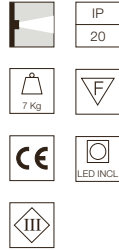
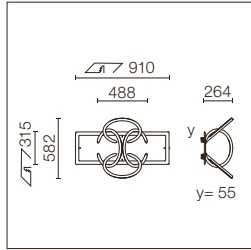
- LED White
- SA.5021.5A120
 - SA.5021.5A180

- LED RGB
- SA.5021.6A120
 - SA.5021.6A180



Wall Piercing 4X Designed By Ron Gilad

Light Source: LED White 4x6,4W - 4x416 lm - 2700K/CRI>90 / LED RGB 4x7,4W



Luminaire semi-encastrable à installer au plafond ou au mur. Disponible en versions LED blanche ou RGB. Équipement et contrôleurs non compris.

Soft technology semi-recessed luminaire for ceiling or wall mounting. Available in white LED or RGB versions. Control gear not included.

Modules LED inclus. Pour l'alimentation et l'interface dimmable, voir les drivers LED.

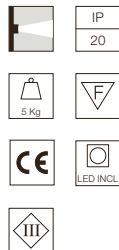
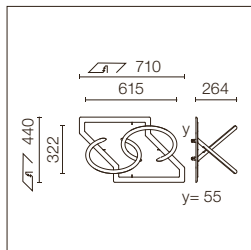
LED modules included. For power supply and dimming interface see LED drivers.

- LED White
 - SA.5022.5A120
 - SA.5022.5A180

- LED RGB
 - SA.5022.6A120
 - SA.5022.6A180

Wall Piercing 2X Line Designed By Ron Gilad

Light Source: LED White 2x6,4W - 2x416 lm - 2700K/CRI>90 / LED RGB 2x7,4W



Luminaire semi-encastrable à installer au plafond ou au mur. Disponible en versions LED blanche ou RGB. Équipement et contrôleurs non compris.

Soft technology semi-recessed luminaire for ceiling or wall mounting. Available in white LED or RGB versions. Control gear not included.

Modules LED inclus. Pour l'alimentation et l'interface dimmable, voir les drivers LED.

LED modules included. For power supply and dimming interface see LED drivers.

- LED White
 - SA.5023.5A120
 - SA.5023.5A180

- LED RGB
 - SA.5023.6A120
 - SA.5023.6A180

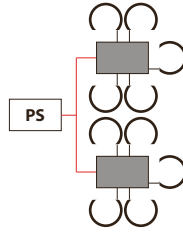


SOFT ARCHITECTURE | 3D

LED DRIVERS

For Wall Piercing

Non Dimmable



Cablage Wiring

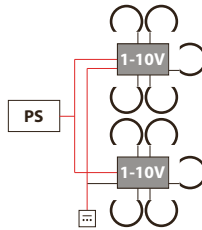
Distributeur mâle à 5 pôles pour une connexion aisée avec le câble d'alimentation. Peut connecter jusqu'à 5 Wall Piercing. Alimentation électronique non comprise.

5 male pole distributor for easy connection with feed cable. It's able to connect up to 5 Wall Piercings. Electronic power supply not included.

White

06.1003.00

Dimmable 1-10V



Interfaces Dimmables Dimmable Interface

Interface 1-10V. Distributeur à 5 pôles intégré pour une connexion aisée. Peut connecter jusqu'à 5 Wall Piercing. Alimentation électronique non comprise.

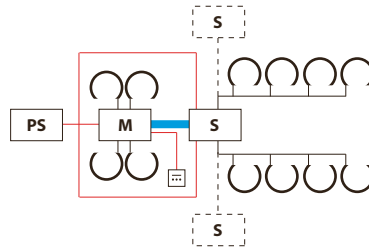
1-10V interface. 5 pole distributor for easy connection integrated. It's able to connect up to 5 Wall Piercings. Electronic power supply not included.

White

06.1011.00

1-10V

Interfaces Dimmables Dimmable Interface



Interface Master DALI avec distributeur à 5 pôles intégré pour une connexion aisée. Peut contrôler jusqu'à 5 Wall Piercing. Si davantage de Wall Piercing sont sur la même installation, il convient d'étendre le signal avec interfaces Slave. Alimentation électronique non comprise.

DALI Master interface with 5 pole distributor for easy connection integrated. It's able to control up to 5 Wall Piercing. If more Wall Piercings are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

White

06.1019.00

M

RGB

06.1012.00

M

Interface Master DMX avec distributeur à 5 pôles intégré pour une connexion aisée. 06.1005.00. Peut contrôler jusqu'à 5 Wall Piercing. Si davantage de Wall Piercing sont dans la même installation, il est nécessaire d'étendre le signal avec des interfaces Slave. Alimentation électronique non comprise.

DMX Master interface with 5 pole distributor for easy connection integrated. It's able to control up to 5 wall piercing. If more Wall Piercings are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1005.00

M

— Fourni par l'installateur / Installer provides

SOFT ARCHITECTURE | 3D

LED DRIVERS

For Wall Piercing

Interfaces Dimmables Dimmable Interfaces

Interface Master RGB à radio fréquence (RF) avec un distributeur à 5 pôles intégré pour une connexion aisée. Transmetteur mural intégré pour faire changer la couleur. Peut contrôler jusqu'à 5 Wall Piercing. Si plus de Wall Piercing sont dans la même installation, il est nécessaire d'étendre le signal avec des interfaces Slave. Alimentation électronique non comprise.

Radio Frequency (RF) RGB Master interface with 5 pole distributor for easy connection integrated. Wall transmitter to make color changing integrated. It's able to control up to 5 Wall Piercings. If more Wall Piercings are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

White

RGB

06.1013.00

M

Interface Slave pour étendre le signal DALI/DMX/RF avec deux distributeurs à 5 pôles pour une connexion aisée. Peut étendre le signal Master dans 10 Wall Piercing. Si davantage de Wall Piercing sont dans la même installation, il convient d'étendre le signal avec d'autres interfaces Slave. Alimentation électronique non comprise.

Slave interface to expand the DALI/DMX/RF signal with two 5 pole distributors for easy connection. It's able to expand the Master signal in 10 Wall Piercings. If more Wall Piercings are in the same installation it's necessary to expand the signal with more Slave interfaces. Electronic power supply not included.

06.1020.00

S

06.1014.00

S

Câble de prolongation de 2 mètres pour modules LED avec connexion rapide. Peuvent être connectés les uns aux autres pour obtenir plus de longueur. 20 mètres max.

2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.

08.8297.00

08.8298.00

Alimentation / Power Supply

Installation dans Faux-Plafond Installation in False Ceiling

PS

Électronique 25W / Electronic 25W

Alimentation électrique / Power supply LED. 25W – 24V. 100-240V, 50-60Hz.

60.8703

Électronique 60W / Electronic 60W

Alimentation électrique / Power supply LED. 60W – 24V. 100-240V, 50-60Hz.

60.9089

Électronique 120W / Electronic 120W

Alimentation électrique / Power supply LED. 120W – 24V. 100-240V, 50-60Hz.

60.9407

Installation à Distance sur Tableau Électrique Remote Installation Electrical Panel

PS

Électronique 240W / Electronic 240W

Alimentation électrique / Power supply LED. 240W – 24V. 100-240V, 50-60Hz.

60.8268

Électronique 480W / Electronic 480W

Alimentation électrique / Power supply LED. 480W – 24V. 100-240V, 50-60Hz.

60.8452

Électronique 750W / Electronic 750W

Alimentation électrique / Power supply LED. 750W – 24V. 100-240V, 50-60Hz.

60.8453

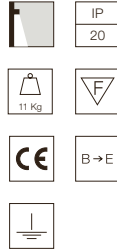
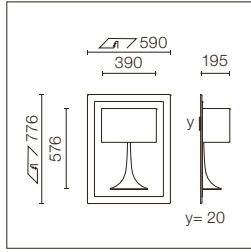
Tables d'installation Installation Guidelines

White/RGB

	20W	60W	100W	150W	240W	480W	750W
Wall Piercing	2	8	13	20	32	64	104
Section câble (fourni par l'installateur) Cable section (installer provides)	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²
Distance maximum Max distance	5m	10m	15m	30m	50m	100m	250m
Distance maximum Max distance	20m						
Distance maximum Max distance	20m						

Soft Spun Halogen Small Designed By Sebastian Wrong

Light Source: QT-DE-12 1xR7s - max 120W



Luminaire encastrable pour lampe halogène à alimentation directe sur le secteur.

Recessed luminaire for halogen lamp, direct connection to mains.

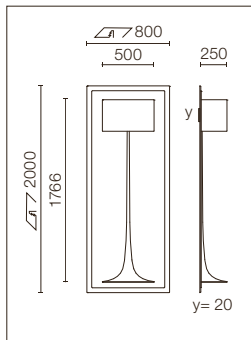
De notre catalogue Flos Home Collection.

From our Flos Home Collection catalogue.

SA.5005.1

Soft Spun Halogen Large Designed By Sebastian Wrong

Light Source: QT-DE-12 1xR7s - 160W (diffuser) / LED White 1,4W - 80 lm - 2700K/CRI>90 (base)



Luminaire encastrable pour lampe halogène à alimentation directe sur le secteur. Driver LED électronique 220-240V / 50-60 Hz intégré.

Recessed luminaire for halogen lamp, direct connection to mains. Electronic LED driver 220-240V / 50-60Hz integrated.

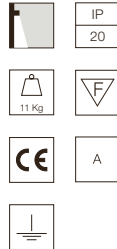
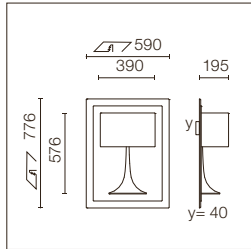
De notre catalogue Flos Home Collection.

From our Flos Home Collection catalogue.

SA.5009.1

Soft Spun Fluorescent Small Designed By Sebastian Wrong

Light Source: TC-L 2x2G11 - 18W



Luminaire encastrable pour lampe fluorescente. Ballasts 220/240V non dimmables compris.

Recessed luminaire for fluorescent lamp Non-dimmable 220/240V ballasts included.

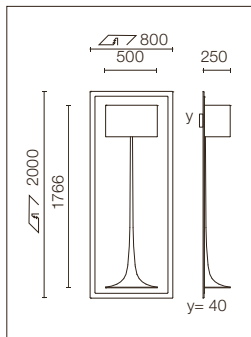
De notre catalogue Flos Home Collection.

From our Flos Home Collection catalogue.

SA.5004.1

Soft Spun Fluorescent Large Designed By Sebastian Wrong

Light Source: TC-L 2x2G11 - 24W (diffuser) / LED White 1,4W - 80 lm - 2700K/CRI>90 (base)



Luminaire encastrable pour lampe fluorescente. Ballasts 220/240V non dimmables compris.

Recessed luminaire for fluorescent lamp Non-dimmable 220/240V ballasts included.

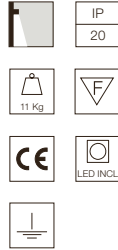
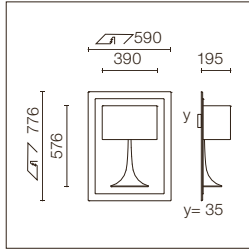
De notre catalogue Flos Home Collection.

From our Flos Home Collection catalogue.

SA.5008.1

Soft Spun LED Small Designed By Sebastian Wrong

Light Source: LED White 35W - 1800 lm - 3000K/CRI 90



Luminaire encastrable pour lampe LED. Appareil d'alimentation 220/240V non dimmable compris.

Recessed luminaire for LED lamp. Non-dimmable 220/240V power supply included.

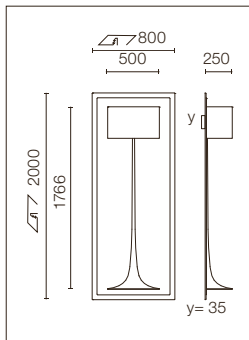
De notre catalogue Flos Home Collection.

From our Flos Home Collection catalogue.

SA.5006.1D

Soft Spun LED Large Designed By Sebastian Wrong

Light Source: LED White 35W - 1800 lm - 3000K/CRI 90 (diffuser) / LED White 1,4W - 80 lm - 2700K/CRI>90 (base)



Luminaire encastrable pour lampe LED. Appareil d'alimentation 220/240V non dimmable compris

Recessed luminaire for LED lamp. Non-dimmable 220/240V power supply included.

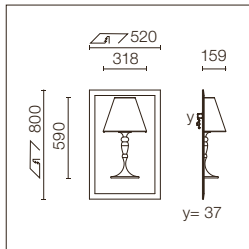
De notre catalogue Flos Home Collection.

From our Flos Home Collection catalogue.

SA.5007.1D

Abajourd'hui Small Designed By Flos Soft Architecture

Light Source: QT-32 E27 - max 75W



Luminaire encastrable à alimentation directe sur le secteur.

Recessed luminaire with direct connection to mains.

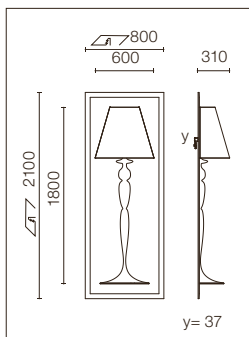
De notre catalogue Flos Home Collection.

From our Flos Home Collection catalogue.

SA.5001.1

Abajourd'hui Large Designed By Flos Soft Architecture

Light Source: QT-32 E27 - max 150W



Luminaire encastrable à alimentation directe sur le secteur.

Recessed luminaire with direct connection to mains.

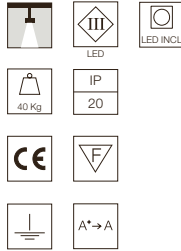
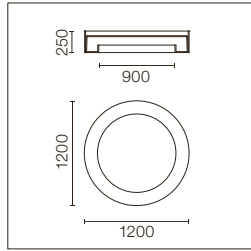
De notre catalogue Flos Home Collection.

From our Flos Home Collection catalogue.

SA.5000.1

Usl 100 Pluto Designed By Frank Wellens And Lynsey Leysen

Light Source: T5 FH 6xG5 - 14W - 7200 lm / T5 FQ 6xG5 - 24W - 10500 lm / Cold Cathode 90W - 3x30W - 7776 lm - 3000K
LED White 45,5W - 13x3,5W - 2958 lm - 3000K/CRI 85 / LED RGB 22,75W - 13x1,75W - 1001 lm - RGB



Système d'éclairage direct pour une installation au plafond. Éclairage direct à lampe fluorescente, à cathode froide ou LED. Équipements non compris dans les versions LED (p. 512-513). Longueur du câble de suspension 4 metres.

Direct ceiling-mounted lighting system. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions (p. 512-513). Suspension cable length 4 meters.

T5 FH
Non Dimmable
SA.4004.4.100

T5 FQ
Non Dimmable
SA.4004.4.200

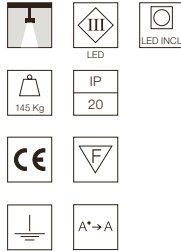
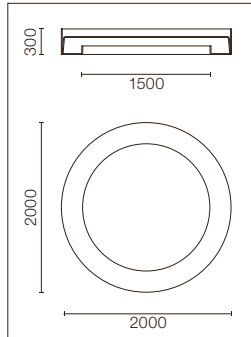
Cold Cathode
SA.4004.4.300

LED White
SA.4004.5C110

LED RGB
SA.4004.6A100

Usl 200 Pluto Designed By Frank Wellens And Lynsey Leysen

Light Source: T5 FH 7xG5 - 21W - 13300 lm / T5 FQ 7xG5 - 39W - 21700 lm / Cold Cathode 161W - 4x40W - 13824 lm - 3000K
LED White 84W - 12x7W - 5460 lm - 3000K/CRI 85 / LED RGB 42W - 12x3,5W - 1848 lm - RGB



Système d'éclairage direct pour une installation au plafond. Éclairage direct à lampe fluorescente, à cathode froide ou LED. Équipements non compris dans les versions LED (p. 512-513). Longueur du câble de suspension 4 metres.

Direct ceiling-mounted lighting system. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions (p. 512-513). Suspension cable length 4 meters.

T5 FH
Non Dimmable
SA.4005.4.100
Dimmable 1-10V
SA.4005.4.11V
Dimmable DSI-Dali
SA.4005.4.1DA

T5 FQ
Non Dimmable
SA.4005.4.200
Dimmable 1-10V
SA.4005.4.21V
Dimmable DSI-Dali
SA.4005.4.2DA

Cold Cathode
SA.4005.4.300

LED White
SA.4005.5C110

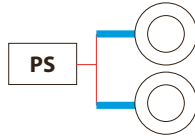
LED RGB
SA.4005.6A100

SOFT ARCHITECTURE | 3D

LED DRIVERS

For: USL 100 Pluto, USL 200 Pluto

Non Dimmable



Cablage Wiring

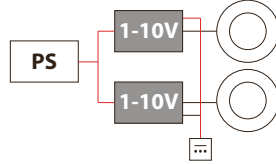
Câble d'alimentation de 500mm pour modules LED blancs à connexion rapide. Un seul est nécessaire pour chaque USL 100 et 2 pour chaque USL 200. Alimentation électronique non comprise.

500mm feed cable for white LED modules with fast connection. Necessary one for each USL 100 and two for each USL 200. Electronic power supply not included.

White

06.1016.00

Dimmable 1-10V



Interfaces Dimmables Dimmable Interface

Interface 1-10V. Distributeur à 5 pôles intégré pour une connexion facile. Un pour chaque USL est nécessaire. Alimentation électronique non comprise.

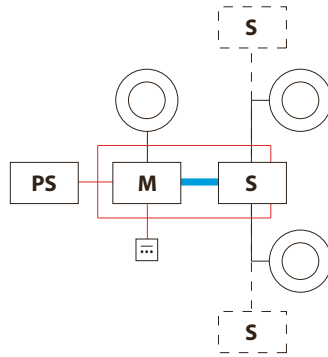
1-10V interface. 5 pole distributor for easy connection integrated. Necessary one for each USL. Electronic power supply not included.

White

06.1022.00

1-10V

Interfaces Dimmables Dimmable Interfaces



Interface Master DALI avec un distributeur à 5 pôles et un câble d'alimentation de 500mm pour une connexion aisée. Peut contrôler un USL. Si plusieurs USL sont sur la même installation, il convient d'étendre le signal avec interfaces Slave. Alimentation électronique non comprise.

DALI Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USL. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

White

06.1019.00

M

RGB

06.1012.00

M

Interface Master DMX avec un distributeur à 5 pôles et un câble d'alimentation de 500mm pour une connexion aisée. Peut contrôler un USL. Si d'autres USL sont dans la même installation, il est nécessaire d'étendre le signal avec des interfaces Slave. Alimentation électronique non comprise.

DMX Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USL. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1005.00

M

Interface Master RGB à radio fréquence (RF) avec un distributeur à 5 pôles et un câble d'alimentation de 500mm pour une connexion aisée. Transmetteur mural intégré pour faire changer la couleur. Peut contrôler un USL. Si plusieurs USL sont dans la même installation, il est nécessaire d'étendre le signal avec des interfaces Slave. Alimentation électronique non comprise.

Radio Frequency (RF) RGB Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. Wall transmitter to make color changing integrated. It's able to control one USL. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1013.00

M

— Fourni par l'installateur / Installer provides

SOFT ARCHITECTURE | 3D

LED DRIVERS

For: USL 100 Pluto, USL 200 Pluto

Interfaces Dimmables Dimmable Interfaces

Interface Slave pour étendre le signal DALI/DMX/RF avec deux distributeurs à 5 pôles et deux câbles d'alimentation de 500mm pour une connexion aisée. Peut étendre le signal Master dans deux USL. Si davantage d'USL sont dans la même installation, il convient d'étendre le signal avec d'autres interfaces Slave. Alimentation électronique non comprise.

Slave interface to expand the DALI/DMX/RF signal with two 5 pole distributors and two 500mm feed cables for easy connection. It's able to expand the Master signal in two USL. If more USLs are in the same installation it's necessary to expand the signal with more Slave interfaces. Electronic power supply not included.

Câble de prolongation de 2 mètres pour modules LED avec connexion rapide. Peuvent être connectés les uns aux autres pour obtenir plus de longueur. 20 mètres max.

2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.

White	RGB
06.1020.00 S	06.1014.00 S
08.8297.00	08.8298.00

Alimentation / Power Supply

Installation dans Faux-Plafond Installation in False Ceiling

PS

Électronique 25W / Electronic 25W

Alimentation électrique / Power supply
LED. 25W – 24V. 100-240V, 50-60Hz.

60.8703

Électronique 60W / Electronic 60W

Alimentation électrique / Power supply
LED. 60W – 24V. 100-240V, 50-60Hz.

60.9089

Électronique 120W / Electronic 120W

Alimentation électrique / Power supply
LED. 120W – 24V. 100-240V, 50-60Hz.

60.9407

Installation à Distance sur Tableau Électrique Remote Installation Electrical Panel

PS

Électronique 240W / Electronic 240W

Alimentation électrique / Power supply
LED. 240W – 24V. 100-240V, 50-60Hz.

60.8268

Électronique 480W / Electronic 480W

Alimentation électrique / Power supply
LED. 480W – 24V. 100-240V, 50-60Hz.

60.8452

Électronique 750W / Electronic 750W

Alimentation électrique / Power supply
LED. 750W – 24V. 100-240V, 50-60Hz.

60.8453

Tables d'installation / Installation Guidelines

White

RGB

	20W	60W	100W	150W	240W	480W	750W
USL 100 Pluto	-	1	2	3	5	10	16
USL 200 Pluto	-	-	1	1	2	5	8
Section câble (fourni par l'installateur) Cable section (installer provides)	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²
Distance maximum Max distance	5m	10m	15m	30m	50m	100m	250m
Max distance Distance maximum	20m						
Distance maximum Max distance	20m						
* Longueur max LED connectés à Max length LED connected to	50W						
Longueur max LED connectés à Max length LED connected to	100W						

	20W	60W	100W	150W	240W	480W	750W
USL 100 Pluto	-	2	4	6	10	21	32
USL 200 Pluto	-	1	2	3	5	11	17
Section câble (fourni par l'installateur) Cable section (installer provides)	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²
Distance maximum Max distance	5m	10m	15m	30m	50m	100m	250m
Max distance Distance maximum	20m						
Distance maximum Max distance	20m						
* Longueur max LED connectés à Max length LED connected to	50W						
Longueur max LED connectés à Max length LED connected to	100W						

* Attention: Pour chaque USL 200 Pluto, LED blanc = 1 Master + 1 Slave.
Beware: For each USL 200 Pluto, white LED = 1 Master + 1 Slave.



Uso Boob

USO Boob 600 1L



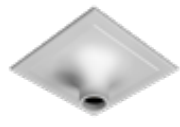
USO Boob 600 for Modular Ceiling



USO Boob 600 2L



USO Boob 100 1L



USL Out

USL 6031



USL 6031 Recessed



USL 6060 for Modular Ceiling

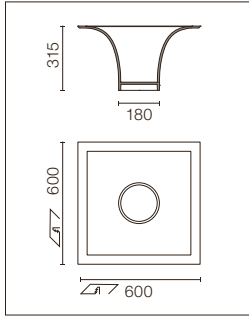


USL 900 Disk

USL 900 Disk On



USO Boob 600 1L Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural.
 Pour une configuration personnalisée, il est possible d'ajouter des points lumineux à la structure. Demander au service commercial de Flos.

Soft technology architectonic application that permits perfect integration of the Flos architectural products.
 For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.













Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

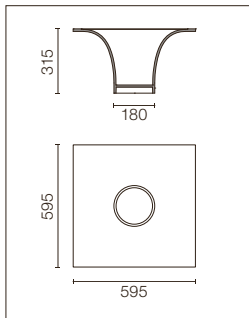
- SA.1014.3.001
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- SA.1014.3.003
- SA.1014.3.004
- SA.1014.3.006
- SA.1014.3.009

- SA.1014.3.014
- SA.1014.3.015
- SA.1014.3.016
- SA.1014.3.025
- SA.1014.3.026
- SA.1014.3.027

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Easy Kap Ø105	Wan Downlight	Wan Spot	Pure Downlight 1 NT*	Compass Ø162	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	
									
SA.1014.3.001	SA.1014.3.002	SA.1014.3.003	SA.1014.3.004	SA.1014.3.006	SA.1014.3.009	SA.1014.3.014	SA.1014.3.015	SA.1014.3.016	
Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	*Cadre No Trim inclus / Frame No Trim included Cadre No Trim non inclus. À commander séparément / No Trim Frame excluded. To be ordered separately						
									
SA.1014.3.025	SA.1014.3.026	SA.1014.3.027							

USO Boob 600 For Modular Ceiling Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural.
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References do not include Flos architectural products.

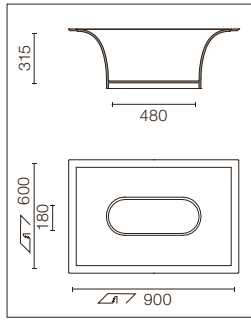
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- SA.1019.3.002
- SA.1019.3.003
- SA.1019.3.004
- SA.1019.3.006
- SA.1019.3.009

- SA.1019.3.014
- SA.1019.3.015
- SA.1019.3.016
- SA.1019.3.025
- SA.1019.3.026
- SA.1019.3.027

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Easy Kap Ø105	Wan Downlight	Wan Spot	Pure Downlight 1 NT*	Compass Ø162	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	
									
SA.1019.3.001	SA.1019.3.002	SA.1019.3.003	SA.1019.3.004	SA.1019.3.006	SA.1019.3.009	SA.1019.3.014	SA.1019.3.015	SA.1019.3.016	
Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	*Cadre No Trim inclus / Frame No Trim included Cadre No Trim non inclus. À commander séparément / No Trim Frame excluded. To be ordered separately						
									
SA.1019.3.025	SA.1019.3.026	SA.1019.3.027							

USO Boob 600 2L Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural.
 Pour une configuration personnalisée, il est possible d'ajouter des points lumineux a la structure. Demander au service commercial de Flos.

Soft technology architectonic application that permits perfect integration of the Flos architectural products.
 For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

SA.1015.3.001
 SA.1015.3.002
 SA.1015.3.003
 SA.1015.3.004
 SA.1015.3.006
 SA.1015.3.009

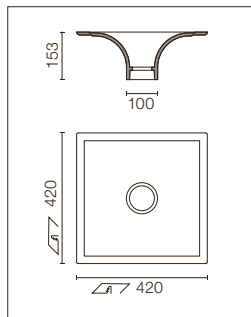
SA.1015.3.014
 SA.1015.3.015
 SA.1015.3.016
 SA.1015.3.025
 SA.1015.3.026
 SA.1015.3.027

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Easy Kap Ø105	Wan Downlight	Wan Spot	Pure Downlight 1 NT*	Compass Ø162	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	
SA.1015.3.001	SA.1015.3.002	SA.1015.3.003	SA.1015.3.004	SA.1015.3.006	SA.1015.3.009	SA.1015.3.014	SA.1015.3.015	SA.1015.3.016	
Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	*Cadre No Trim inclus / Frame No Trim included Cadre No Trim non inclus. À commander séparément / No Trim Frame excluded. To be ordered separately						
SA.1015.3.025	SA.1015.3.026	SA.1015.3.027							

Use Boob 100 1L Designed By Flos Soft Architecture

Light Source: QR-CBC-51 1xGU5.3 - max 50W



Luminaire encastrable pour lampe halogène de 12V. Transformateur à distance non compris : transformateur électronique 12V. 220/240V, 50/60Hz. Variable par système à fin ou début de phase.

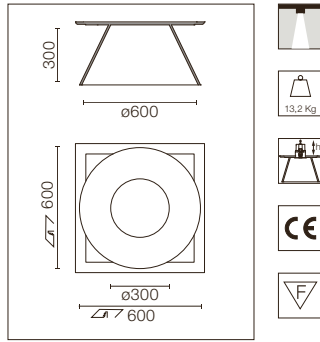
Recessed luminaire for 12V halogen lamp. Remote transformer not included: electronic transformer 12V. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge".

SA.1012.3.019

Electrique / Electrical
 20/105W
 60.9323

SOFT ARCHITECTURE | OUT

USL 6031 Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural.
Pour une configuration personnalisée, il est possible d'ajouter des points lumineux à la structure. Demander au service commercial de Flos.

Soft technology architectonic application that permits perfect integration of the Flos architectural products.
For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.











Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

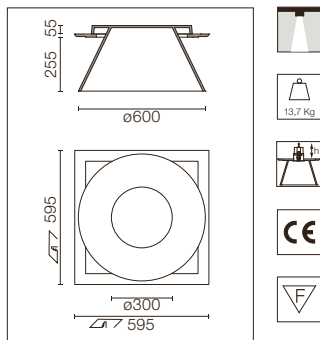
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SA.4008.3.004
SA.4008.3.009

SA.4008.3.015
SA.4008.3.017
SA.4008.3.025
SA.4008.3.026
SA.4008.3.027

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Easy Kap Ø105	Wan Downlight	Wan Spot	Compass Ø162	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed
 SA.4008.3.001 h=165	 SA.4008.3.002 h=187	 SA.4008.3.003 h=111	 SA.4008.3.004 h=50	 SA.4008.3.009 h=220	 SA.4008.3.015 h=135	 SA.4008.3.017 h=230	 SA.4008.3.025 h=126	 SA.4008.3.026 h=72
Light Soldier Adjustable								
 SA.4008.3.027 h=72								

USL 6031 Recessed Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural.
Pour une configuration personnalisée, il est possible d'ajouter des points lumineux à la structure. Demander au service commercial de Flos.

Soft technology architectonic application that permits perfect integration of the Flos architectural products.
For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.











Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

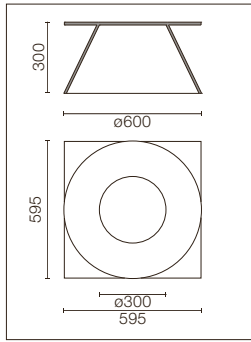
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SA.4010.3.004
SA.4010.3.009

SA.4010.3.015
SA.4010.3.017
SA.4010.3.025
SA.4010.3.026
SA.4010.3.027

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Easy Kap Ø105	Wan Downlight	Wan Spot	Compass Ø162	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed
 SA.4010.3.001 h=220	 SA.4010.3.002 h=242	 SA.4010.3.003 h=166	 SA.4010.3.004 h=105	 SA.4010.3.009 h=275	 SA.4010.3.015 h=190	 SA.4010.3.017 h=285	 SA.4010.3.025 h=181	 SA.4010.3.026 h=127
Light Soldier Adjustable								
 SA.4010.3.027 h=127								

USL 6060 for Modular Ceiling Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural.
 Pour une configuration personnalisée, il est possible d'ajouter des points lumineux à la structure. Demander au service commercial de Flos.

Soft technology architectonic application that permits perfect integration of the Flos architectural products.
 For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.











Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

- SA.4009.3.001
- SA.4009.3.002
- SA.4009.3.003
- SA.4009.3.004
- SA.4009.3.009

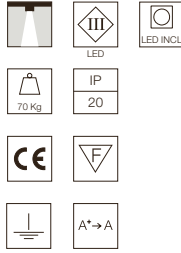
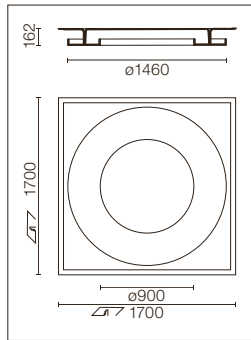
- SA.4009.3.015
- SA.4009.3.017
- SA.4009.3.025
- SA.4009.3.026
- SA.4009.3.027

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Easy Kap Ø105	Wan Downlight	Wan Spot	Compass Ø162	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed
								
SA.4009.3.001 h=165	SA.4009.3.002 h=187	SA.4009.3.003 h=111	SA.4009.3.004 h=50	SA.4009.3.009 h=220	SA.4009.3.015 h=135	SA.4009.3.017 h=230	SA.4009.3.025 h=126	SA.4009.3.026 h=72
Light Soldier Adjustable								
								
SA.4009.3.027 h=72								

USL 900 Disk On Designed By Flos Soft Architecture

Light Source: T5 FH 13xG5 - 14W (6 Internal + 7 External) Internal: 7200 lm + 8400 lm
 T5 FQ 13xG5 - 24W (6 Internal + 7 External) Internal: 10500 lm + 12250 lm
 Cold Cathode: Internal: 90W (3x30W) + External: 120W (4x30W) - Internal: 7776 lm + 10367 lm - 3000K/CRI 85
 LED White: Internal: 45,5W (13x3,5W) + External: 63W (18x3,5W) - Internal: 2958 lm - External: 4095 lm - 3000K/CRI 85
 LED RGB: Internal: 22,75W (13x1,75W) + External: 31,5W (18x1,75W) Internal: 1001 lm - External: 1386 lm RGB



Luminaire semi-encastrable pour une installation au plafond ou au mur. Éclairage direct à lampe fluorescente, à cathode froide ou LED. Équipements non compris dans les versions LED. Voir contrôleurs LED.

* Les versions LED sont uniquement disponibles pour les installations au plafond. Pour les installations murales, veuillez consulter le service Commercial Flos.

Soft technology semi-recessed luminaire for ceiling or wall mounting. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions. See LED drivers.

* LED versions only available for ceiling installation. Ask Flos technical dep. for wall installation.

T5 FH
 Non Dimmable
 SA.4006.4.100

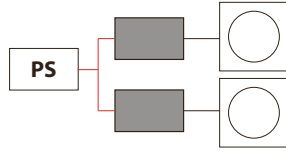
T5 FQ
 Non Dimmable
 SA.4006.4.200
 *LED White
 SA.4006.5B110
 Cold Cathode
 SA.4006.4.300
 *LED RGB
 SA.4006.6B100

SOFT ARCHITECTURE | OUT

LED DRIVERS

For USL 900 Disk On

Non Dimmable



Cablage Wiring

Distributeur mâle à 5 pôles pour une connexion aisée avec le câble d'alimentation pour chaque USL 900 Disk On sont nécessaire. Alimentation électronique non comprise.

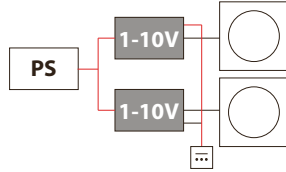
5 male pole distributor for easy connection with feed cable. Necessary 2 for each USL 900 Disk On. Electronic power supply not included.

White

06.1003.00



Dimmable 1-10V



Interfaces Dimmables Dimmable Interface

Interface 1-10V. Distributeur à 5 pôles intégré pour une connexion aisée. Un pour chaque USL 900 Disk On est nécessaire. Alimentation électronique non comprise.

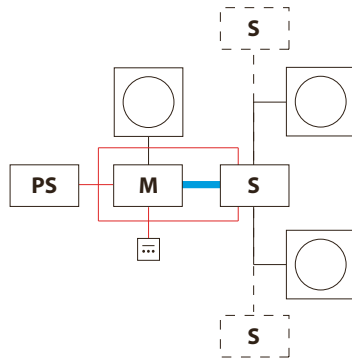
1-10V interface. 5 pole distributor for easy connection integrated. Necessary one for each USL 900 Disk On. Electronic power supply not included.

White

06.1022.00

1-10V

Interfaces Dimmables Dimmable Interface



Interface Master DALI avec un distributeur à 5 pôles et un câble d'alimentation de 500mm pour une connexion aisée. Peut contrôler un USL 900 Disk On. Si plusieurs USL 900 Disk On sont sur la même installation, il convient d'étendre le signal avec interfaces Slave. Alimentation électronique non comprise.

DALI Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USL 900 Disk On. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

White

06.1019.00

M

RGB

06.1012.00

M

Interface Master DMX avec un distributeur à 5 pôles et un câble d'alimentation de 500mm pour une connexion aisée. Peut contrôler un USL 900 Disk On. Si d'autres USL 900 Disk On sont dans la même installation, il est nécessaire d'étendre le signal avec des interfaces Slave. Alimentation électronique non comprise.

DMX Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USL 900 Disk On. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1005.00

M

Interface Master RGB à radio fréquence (RF) avec un distributeur à 5 pôles et un câble d'alimentation de 500mm pour une connexion aisée. Transmetteur mural intégré pour faire changer la couleur Peut contrôler un USL 900 Disk On. Si plusieurs USL 900 Disk On sont dans la même installation, il est nécessaire d'étendre le signal avec des interfaces Slave. Alimentation électronique non comprise.

Radio Frequency (RF) RGB Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. Wall transmitter to make color changing integrated. It's able to control one USL 900 Disk On. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1013.00

M

SOFT ARCHITECTURE | OUT

LED DRIVERS

For USL 900 Disk On

Interfaces Dimmables Dimmable Interface

Interface Slave pour étendre le signal DALI/DMX/RF avec deux distributeurs à 5 pôles et deux câbles d'alimentation de 500mm pour une connexion aisée. Peut étendre le signal Master dans deux USL 900 Disk On. Si davantage d'USL 900 Disk On sont dans la même installation, il convient d'étendre le signal avec d'autres interfaces Slave. Alimentation électronique non comprise.

Slave interface to expand the DALI/DMX/RF signal with two 5 pole distributors and two 500mm feed cables for easy connection. It's able to expand the Master signal in two USL 900 Disk On. If more USLs are in the same installation it's necessary to expand the signal with more Slave interfaces. Electronic power supply not included.

	White	RGB
	06.1020.00	06.1014.00
	S	S
	08.8297.00	08.8298.00

Câble de prolongation de 2 mètres pour modules LED avec connexion rapide. Peuvent être connectés les uns aux autres pour obtenir plus de longueur. 20 mètres max.

2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.

Alimentation / Power Supply

Installation dans Faux-Plafond Installation in False Ceiling

PS

Électronique 25W / Electronic 25W
Alimentation électrique / Power supply
LED. 25W – 24V. 100-240V, 50-60Hz.

60.8703

Électronique 60W / Electronic 60W
Alimentation électrique / Power supply
LED. 60W – 24V. 100-240V, 50-60Hz.

60.9089

Électronique 120W / Electronic 120W
Alimentation électrique / Power supply
LED. 120W – 24V. 100-240V, 50-60Hz.

60.9407

Installation à Distance sur Tableau Électrique Remote Installation Electrical Panel

PS

Électronique 240W / Electronic 240W
Alimentation électrique / Power supply
LED. 240W – 24V. 100-240V, 50-60Hz.

60.8268

Électronique 480W / Electronic 480W
Alimentation électrique / Power supply
LED. 480W – 24V. 100-240V, 50-60Hz.

60.8452

Électronique 750W / Electronic 750W
Alimentation électrique / Power supply
LED. 750W – 24V. 100-240V, 50-60Hz.

60.8453

Tables d'installation / Installation Guidelines

White

	20W	60W	100W	150W	240W	480W	750W
USL 900 Disk On	-	-	-	1	2	4	6
Section cable (fourni par l'installateur) Cable section (installer provides)	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²
Distance maximum Max distance	5m	10m	15m	30m	50m	100m	250m
Distance maximum Max distance							
Distance maximum Max distance							
* Longueur max LED connectés à Max lenght LED connected to	50W						
Longueur max LED connectés à Max lenght LED connected to	100W						

RGB

	20W	60W	100W	150W	240W	480W	750W
USL 900 Disk On	-	1	2	3	5	10	16
Section cable (fourni par l'installateur) Cable section (installer provides)	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²
Distance maximum Max distance	5m	10m	15m	30m	50m	100m	250m
Distance maximum Max distance	20m						
Distance maximum Max distance	20m						
* Longueur max LED connectés à Max lenght LED connected to	50W						
Longueur max LED connectés à Max lenght LED connected to	100W						

* Attention: Pour chaque USL 900 Disk On, LED blanc = 1 Master + 1 Slave.
Beware: For each USL 900 Disk On, white LED = 1 Master + 1 Slave.



Apps



G-O In



Teardrop

Small / Medium / Large



USO

USO Kap 105 / 145



USO 332



USO 700



USO 800



USO 1000



USO 1400



USO Cove Lighting

USO 900 Cove Lighting



USO 1700 Cove Lighting



USO 2200 Cove Lighting



USO 2500 Cove Lighting



USO 100 50 Cove Lighting



USO 140 90 Cove Lighting



Round Light

Small / Medium / Large



Square Light

Small / Large



Vertical Light

Small / Large



USB Round

USB Round 1L



USB Round 1L W-W



USB Round 2L



USB Round 2L W-W



USB Square

USB Square 1L



USB Square 1L W-W



USB Square 2L

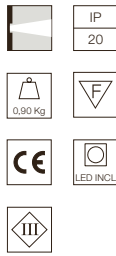
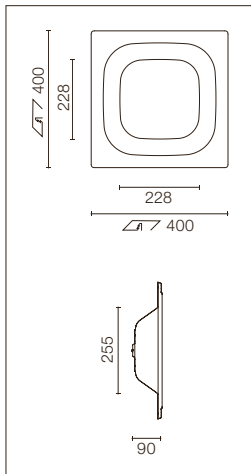


USB Square 2L W-W



Apps Designed By Jorge Herrera

Light Source: LED Array 4W - 350 lm - 4000K/CRI 80



Luminaire encastrable de balisage pour intérieur. Source d'alimentation non comprise : alimentation à courant continu 350mA. 220/240V, 50/60Hz.

Recessed sign luminaire for indoor application. Power supply source not included: continuous current power supply of 350mA. 220/240V, 50/60Hz.

- 90° DIR**
 SA.5061.3.076
 SA.5061.3.OOG
 SA.5061.3.OV3

- 45° DIR**
 SA.5062.3.076
 SA.5062.3.OOG
 SA.5062.3.OV3

- WC Ladies**
 SA.5063.3.076
 SA.5063.3.OOG
 SA.5063.3.OV3

- WC Men**
 SA.5064.3.076
 SA.5064.3.OOG
 SA.5064.3.OV3

- WC**
 SA.5065.3.076
 SA.5065.3.OOG
 SA.5065.3.OV3

- Bar**
 SA.5066.3.076
 SA.5066.3.OOG
 SA.5066.3.OV3

- Restaurant**
 SA.5067.3.076
 SA.5067.3.OOG
 SA.5067.3.OV3

- Elevator**
 SA.5068.3.076
 SA.5068.3.OOG
 SA.5068.3.OV3

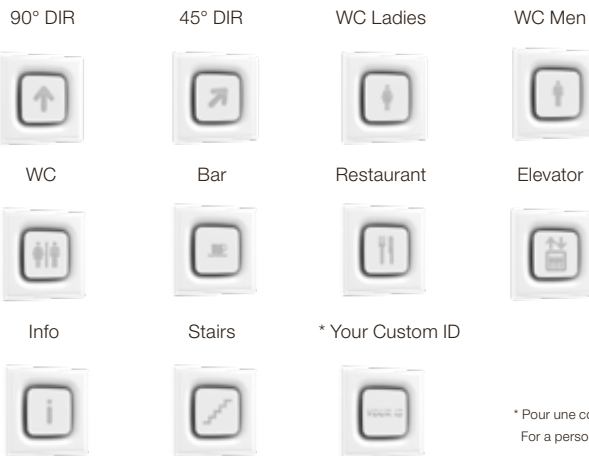
- Info**
 SA.5069.3.076
 SA.5069.3.OOG
 SA.5069.3.OV3

- Stairs**
 SA.5070.3.076
 SA.5070.3.OOG
 SA.5070.3.OV3

Electrique / Electrical
60.8402

Signaux
Signs

Couleurs Lumière du Perimètre
Peripheral Lighting Colours



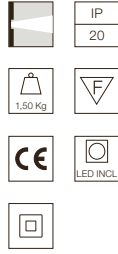
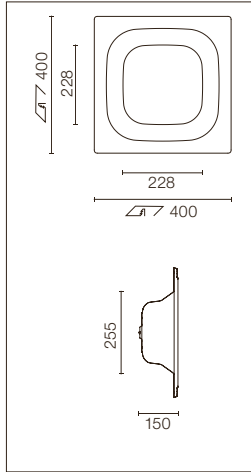
* Pour une configuration personnelle de la couleur et du pictogramme du signal, consulter l'équipe de ventes de Fios architectural.
For a personal colour scheme and sign pictogram please ask the Fios architectural sales staff.



reddot design award
winner 2012

Apps Emergency Designed By Jorge Herrera

Light Source: LED Array 4W - 350 lm - 4000K/CRI 80



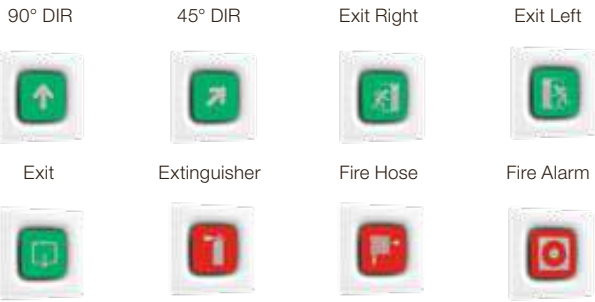
Luminaire encastrable de balisage de secours pour intérieur. Source d'alimentation et équipement de secours compris. Autonomie 4 heures, flux 80%.

Recessed emergency sign luminaire for indoor application. Power supply source and emergency gear included. 4-hour autonomy, 80% Flow.

- 90° DIR**
SA.5071.3.076
- Exit Right**
SA.5073.3.076
- Exit**
SA.5075.3.076
- Fire Hose**
SA.5077.3.076

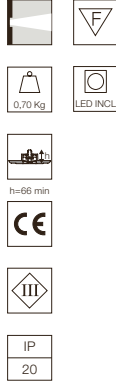
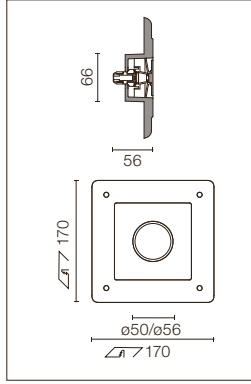
- 45° DIR**
SA.5072.3.076
- Exit Left**
SA.5074.3.076
- Extinguisher**
SA.5076.3.076
- Fire Alarm**
SA.5078.3.076

Signaux
Signs



G-O In Designed By Jorge Herrera

Light Source: Top LED 1,2W - 24V - 105 lm - 3000K/CRI 90



Luminaire encastrable de balisage pour intérieur. Source d'alimentation non comprise : transformateur électronique à tension constante (24V) pour LED. 220/240V, 50/60Hz. Comprend un câble d'alimentation de 1000mm.

Recessed sign luminaire for indoor application. Power supply source not included: electronic transformer with constant voltage (24V) for LED. 220/240V, 50/60Hz. It includes 1000mm power supply cable.

Lumière Blanc / White Light
SA.5100.1A
Lumière Ambre / Amber Light
SA.5101.1A
Lumière Bleu / Blue Light
SA.5102.1A

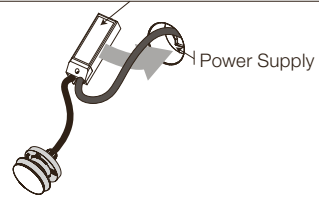
Electrique / Electrical
8W
60.9157

**Couleurs Lumière
Lighting Colours**



Veillez à respecter la polarité (+-)
Rouge+/Noir.

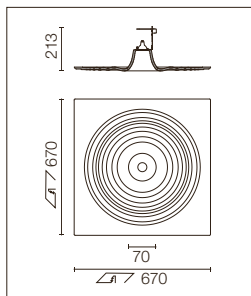
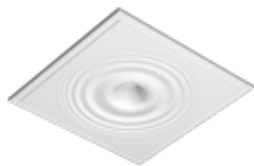
Ensure correct polarity (+-) Red +/
Black.



reddot design award
winner 2013

Teardrop Small Designed By Calvi Brambilla

Light Source: QR-CBC-51 1xGU5.3 - max 50W



Luminaire encastrable pour lampe halogène de 12V. Transformateur à distance non compris : transformateur électronique 12V. 220/240V, 50/60Hz. Variable par système à fin ou début de phase.

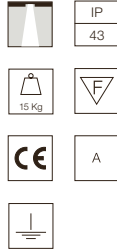
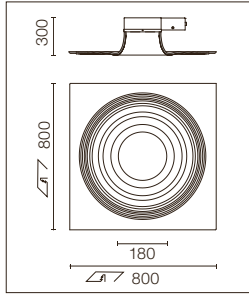
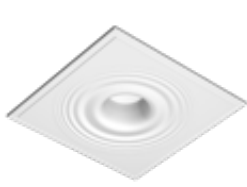
Recessed luminaire for 12V halogen lamp. Remote transformer not included: electronic transformer 12V. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge".

SA.1039.1

Electrique / Electrical
20/105W
60.9323

Teardrop Medium Designed By Calvi Brambilla

Light Source: TC-DEL 2xG24q - 26W



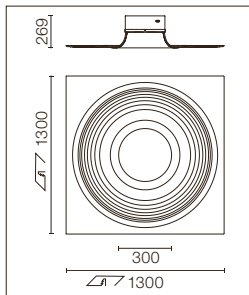
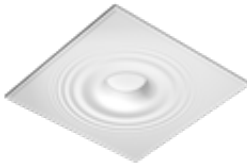
Luminaire encastrable pour lampe fluorescente. Ballasts non dimmables 220-240V/ 50-60Hz compris.

Recessed luminaire for fluorescent lamp. Non-dimmable ballasts 220-240V / 50-60Hz integrated.

SA.1040.1

Teardrop Large Designed By Calvi Brambilla

Light Source: TC-L 4x2G11 - 18W

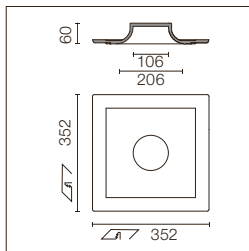


Luminaire encastrable pour lampe fluorescente. Ballasts non dimmables 220-240V/ 50-60Hz compris.

Recessed luminaire for fluorescent lamp. Non-dimmable ballasts 220-240V / 50-60Hz integrated.

SA.1041.1

USO Kap 105 Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural. Pour une configuration personnalisée, il est possible d'ajouter des points lumineux à la structure. Demander au service commercial de Flos.



Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

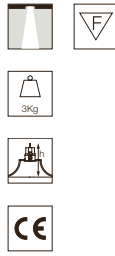
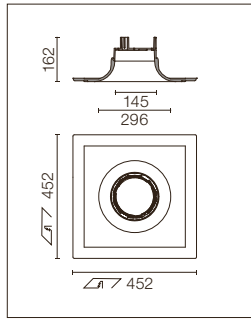
SA.1034.3.001
SA.1034.3.016

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Kap Ø105*
	
SA.1034.3.001 h=225	SA.1034.3.016 h=290

* Cornice No Trim compresa / Frame No Trim included
Cadre No Trim non inclus. À commander séparément /
No Trim Frame excluded. To be ordered separately

USO Kap 145 Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural. Pour une configuration personnalisée, il est possible d'ajouter des points lumineux à la structure. Demander au service commercial de Flos.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

SA.1035.1

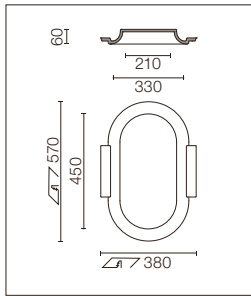
Produits Flos architectural Conseilles / Flos architectural Recommended Products

Kap Ø145*

SA.1035.1
h=305

* Cornice No Trim compresa / Frame No Trim included

USO 332 Designed By Flos Soft Architecture



Application architecturale à technologie Soft pour plafonds modulables permettant une parfaite intégration des produits Flos architectural. Pour une configuration personnalisée, il est possible d'ajouter des points lumineux à la structure. Demander au service commercial de Flos.

Soft technology architectonic application for modular ceilings that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.













Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

SA.1001.3.001
SA.1001.3.002
SA.1001.3.003
SA.1001.3.004
SA.1001.3.006
SA.1001.3.009

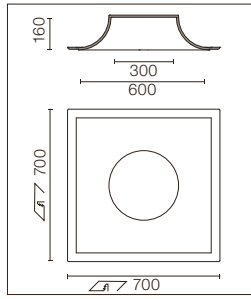
SA.1001.3.014
SA.1001.3.015
SA.1001.3.016
SA.1001.3.025
SA.1001.3.026
SA.1001.3.027

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Easy Kap Ø105	Wan Downlight	Wan Spot	Pure Downlight 1 NT*	Compass Ø162	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	
 SA.1001.3.001 h=225	 SA.1001.3.002 h=247	 SA.1001.3.003 h=171	 SA.1001.3.004 h=110	 SA.1001.3.006 h=198	 SA.1001.3.009 h=280	 SA.1001.3.014 h=290	 SA.1001.3.015 h=195	 SA.1001.3.016 h=290	
Decofix 1L Round  SA.1001.3.025 h=186	Light Soldier Fixed  SA.1001.3.026 h=132	Light Soldier Adjustable  SA.1001.3.027 h=132	<p>* Cornice No Trim compresa / Frame No Trim included Cadre No Trim non inclus. À commander séparément / No Trim Frame excluded. To be ordered separately</p>						

SOFT ARCHITECTURE | IN

USO 700 Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural. Pour une configuration personnalisée, il est possible d'ajouter des points lumineux à la structure. Demander au service commercial de Flos.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.













Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

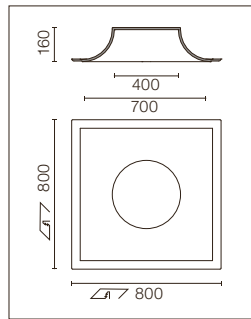
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SA.1002.3.002
SA.1002.3.003
SA.1002.3.004
SA.1002.3.006
SA.1002.3.009

SA.1002.3.014
SA.1002.3.015
SA.1002.3.016
SA.1002.3.025
SA.1002.3.026
SA.1002.3.027

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Easy Kap Ø105	Wan Downlight	Wan Spot	Pure Downlight 1 NT*	Compass Ø162	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	
									
SA.1002.3.001 H=325	SA.1002.3.002 H=347	SA.1002.3.003 H=271	SA.1002.3.004 H=210	SA.1002.3.006 H=298	SA.1002.3.009 H=380	SA.1002.3.014 H=390	SA.1002.3.015 H=295	SA.1002.3.016 H=390	
Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	* Cornice No Trim compresa / Frame No Trim included Cadre No Trim non inclus. À commander séparément / No Trim Frame excluded. To be ordered separately						
									
SA.1002.3.025 H=286	SA.1002.3.026 H=232	SA.1002.3.027 H=232							

USO 800 Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural. Pour une configuration personnalisée, il est possible d'ajouter des points lumineux à la structure. Demander au service commercial de Flos.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.











Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

SA.1003.3.001
SA.1003.3.002
SA.1003.3.003
SA.1003.3.004
SA.1003.3.009

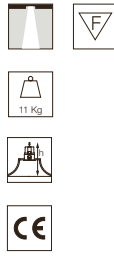
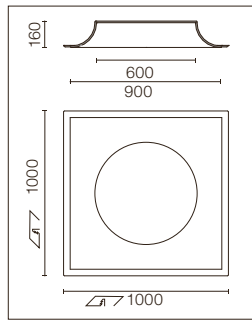
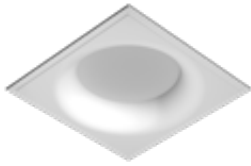
SA.1003.3.015
SA.1003.3.017
SA.1003.3.025
SA.1003.3.026
SA.1003.3.027

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Easy Kap Ø105	Wan Downlight	Wan Spot	Compass Ø162	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed
								
SA.1003.3.001 H=325	SA.1003.3.002 H=347	SA.1003.3.003 H=271	SA.1003.3.004 H=210	SA.1003.3.009 H=380	SA.1003.3.015 H=295	SA.1003.3.017 H=390	SA.1003.3.025 H=286	SA.1003.3.026 H=232
Light Soldier Adjustable								
								
SA.1003.3.027 H=232								

SOFT ARCHITECTURE | IN

USO 1000 Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural. Pour une configuration personnalisée, il est possible d'ajouter des points lumineux à la structure. Demander au service commercial de Flos.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.











Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

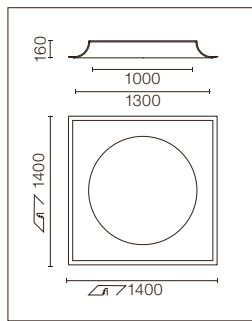
SA.1004.3.001
SA.1004.3.002
SA.1004.3.003
SA.1004.3.004
SA.1004.3.009

SA.1004.3.015
SA.1004.3.017
SA.1004.3.025
SA.1004.3.026
SA.1004.3.027

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Easy Kap Ø105	Wan Downlight	Wan Spot	Compass Ø162	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed
 SA.1004.3.001 H=325	 SA.1004.3.002 H=347	 SA.1004.3.003 H=271	 SA.1004.3.004 H=210	 SA.1004.3.009 H=380	 SA.1004.3.015 H=295	 SA.1004.3.017 H=390	 SA.1004.3.025 H=286	 SA.1004.3.026 H=232
Light Soldier Adjustable  SA.1004.3.027 H=232								

USO 1400 Designed By Flos Soft Architecture



Application architecturale à technologie Soft permettant une parfaite intégration des produits Flos architectural. Pour une configuration personnalisée, il est possible d'ajouter des points lumineux à la structure. Demander au service commercial de Flos.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.











Les references ne comprennent pas les produits Flos architectural.

References do not include Flos architectural products.

SA.1005.3.001
SA.1005.3.002
SA.1005.3.003
SA.1005.3.004
SA.1005.3.009

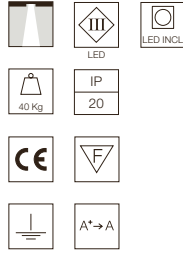
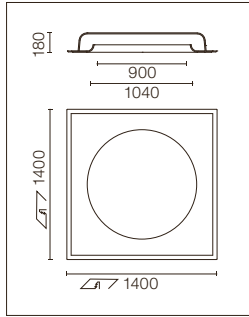
SA.1005.3.015
SA.1005.3.017
SA.1005.3.025
SA.1005.3.026
SA.1005.3.027

Produits Flos architectural Conseilles / Flos architectural Recommended Products

Light Sniper	Easy Kap Ø105	Wan Downlight	Wan Spot	Compass Ø162	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed
 SA.1005.3.001 H=325	 SA.1005.3.002 H=347	 SA.1005.3.003 H=271	 SA.1005.3.004 H=210	 SA.1005.3.009 H=380	 SA.1005.3.015 H=295	 SA.1005.3.017 H=390	 SA.1005.3.025 H=286	 SA.1005.3.026 H=232
Light Soldier Adjustable  SA.1005.3.027 H=232								

USO 900 Cove Lighting Designed By Flos Soft Architecture

Light Source: T5 FH 4xG5 - 21W - 7600 lm / T5 FQ 4xG5 - 39W - 12400 lm / Cold Cathode 90W - 3x30W - 7776 lm - 3000K/CRI 85
LED White 49W - 14x3,5W - 3185 lm - 3000K/CRI 85 / LED RGB 24,5W - 14x1,75W - 1078 lm - RGB



Luminaire encastrable pour une installation au plafond ou au mur. Éclairage direct à lampe fluorescente, à cathode froide ou LED. Équipements non compris dans les versions à LED. Voir contrôleurs LED.

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED LED drivers.

* Les versions LED sont uniquement disponibles pour les installations au plafond.

* LED versions only available for ceiling installation.

T5 FH

Non Dimmable
SA.1006.4.100
Dimmable 1-10V
SA.1006.4.11V
Dimmable Dali
SA.1006.4.1DA

T5 FQ

Non Dimmable
SA.1006.4.200
Dimmable 1-10V
SA.1006.4.21V
Dimmable Dali
SA.1006.4.2DA

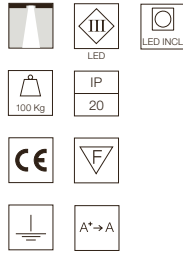
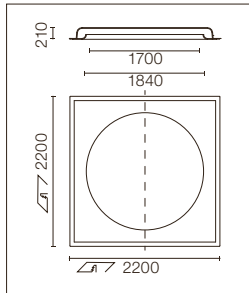
Cold Cathode
SA.1006.4.300

***LED White**
SA.1006.5C110

***LED RGB**
SA.1006.6B100

USO 1700 Cove Lighting Designed By Flos Soft Architecture

Light Source: T5 FH 8xG5 - 21W - 15200 lm / T5 FQ 8xG5 - 39W - 24800 lm / Cold Cathode 161W - 4x40W - 13824 lm - 3000K/CRI 85
LED White 91W - 26x3,5W - 5915 lm - 3000K/CRI 85 / LED RGB 45,5W - 26x1,75W - 2002 lm - RGB



Luminaire encastrable pour une installation au plafond ou au mur. Éclairage direct à lampe fluorescente, à cathode froide ou LED. Équipements non compris dans les versions à LED. Voir contrôleurs LED.

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED LED drivers.

* Les versions LED sont uniquement disponibles pour les installations au plafond. Pour les installations murales, veuillez consulter le service Commercial Flos.

* LED versions only available for ceiling installation. Ask Flos technical dep. for wall installation.

Livre en deux elements.

Delivered in two pieces.

T5 FH

Non Dimmable
SA.1007.4.100
Dimmable 1-10V
SA.1007.4.11V
Dimmable Dali
SA.1007.4.1DA

T5 FQ

Non Dimmable
SA.1007.4.200
Dimmable 1-10V
SA.1007.4.21V
Dimmable Dali
SA.1007.4.2DA

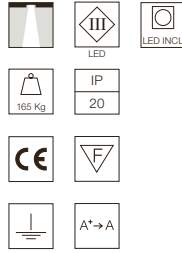
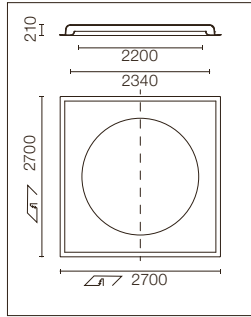
Cold Cathode
SA.1007.4.300

***LED White**
SA.1007.5C110

***LED RGB**
SA.1007.6B100

USO 2200 Cove Lighting Designed By Flos Soft Architecture

Light Source: T5 FH 8xG5 - 28W - 20800 lm / T5 FQ 8xG5 - 54W - 35600 lm / Cold Cathode 205W - 4x51W - 17568 lm - 3000K/CRI 85
LED White 112W - 32x3,5W - 7280 lm - 3000K/CRI 85 / LED RGB 56W - 32x1,75W - 2464 lm - RGB



Luminaire encastrable pour une installation au plafond ou au mur. Éclairage direct à lampe fluorescente, à cathode froide ou LED. Équipements non compris dans les versions à LED. Voir contrôleurs LED.

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED LED drivers.

* Les versions LED sont uniquement disponibles pour les installations au plafond. Pour les installations murales, veuillez consulter le service Commercial Flos.

* LED versions only available for ceiling installation. Ask Flos technical dep. for wall installation.

Livre en deux elements.

Delivered in two pieces.

T5 FH

Non Dimmable
SA.1008.4.100
Dimmable 1-10V
SA.1008.4.11V
Dimmable Dali
SA.1008.4.1DA

T5 FQ

Non Dimmable
SA.1008.4.200
Dimmable 1-10V
SA.1008.4.21V
Dimmable Dali
SA.1008.4.2DA

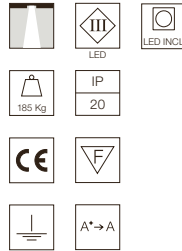
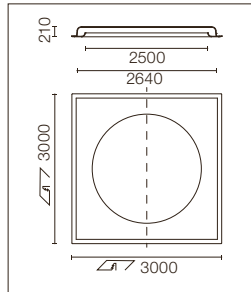
Cold Cathode
SA.1008.4.300

***LED White**
SA.1008.5C110

***LED RGB**
SA.1008.6B100

USO 2500 Cove Lighting Designed By Flos Soft Architecture

Light Source: T5 FH 8xG5 - 28W - 20800 lm / T5 FQ 8xG5 - 54W - 35600 lm / Cold Cathode 230W - 19728 lm - 3000K/CRI 85
LED White 126W - 36x3,5W - 8190 lm - 3000K/CRI 85 / LED RGB 63W - 36x1,75W - 2772 lm - RGB



Luminaire encastrable pour une installation au plafond ou au mur. Éclairage direct à lampe fluorescente, à cathode froide ou LED. Équipements non compris dans les versions à LED. Voir contrôleurs LED.

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED LED drivers.

* Les versions LED sont uniquement disponibles pour les installations au plafond. Pour les installations murales, veuillez consulter le service Commercial Flos.

* LED versions only available for ceiling installation. Ask Flos technical dep. for wall installation.

Livre en deux elements.

Delivered in two pieces.

T5 FH

Non Dimmable
SA.1009.4.100
Dimmable 1-10V
SA.1009.4.11V
Dimmable Dali
SA.1009.4.1DA

T5 FQ

Non Dimmable
SA.1009.4.200
Dimmable 1-10V
SA.1009.4.21V
Dimmable Dali
SA.1009.4.2DA

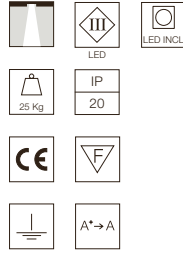
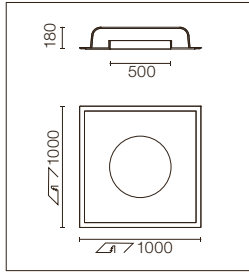
Cold Cathode
SA.1009.4.300

***LED White**
SA.1009.5C110

***LED RGB**
SA.1009.6B100

USO 100 50 Cove Lighting Designed By Flos Soft Architecture

Light Source: T5 FH 4xG5 - 14W - 4800 lm / T5 FQ 4xG5 - 24W - 7000 lm / Cold Cathode 58W - 3x19W - 4968 lm - 3000K/CRI 85
LED White 28W - 8x3,5W - 1820 lm - 3000K/CRI 85 / LED RGB 14W - 8x1,75W - 616 lm - RGB



Luminaire encastrable pour une installation au plafond ou au mur. Éclairage direct à lampe fluorescente, à cathode froide ou LED. Équipements non compris dans les versions à LED. Voir contrôleurs LED.

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED LED drivers.

* Les versions LED sont uniquement disponibles pour les installations au plafond. Pour les installations murales, veuillez consulter le service Commercial Flos.

* LED versions only available for ceiling installation. Ask Flos technical dep. for wall installation.

T5 FH
Non Dimmable
SA.1010.4.100

T5 FQ
Non Dimmable
SA.1010.4.200

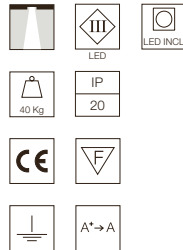
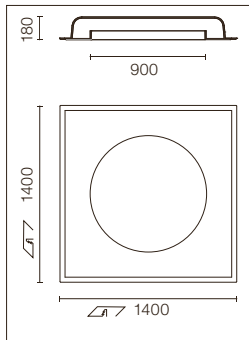
Cold Cathode
SA.1010.4.300

***LED White**
SA.1010.5C110

***LED RGB**
SA.1010.6B100

USO 140 90 Cove Lighting Designed By Flos Soft Architecture

Light Source: T5 FH 4xG5 - 21W - 7600 lm / T5 FQ 4xG5 - 39W - 12400 lm / Cold Cathode 90W - 3x30W - 7776 lm - 3000K/CRI 85
LED White 49W - 14x3,5W - 3185 lm - 3000K/CRI 85 / LED RGB 24,5W - 14x1,75W - 1078 lm - RGB



Luminaire encastrable pour une installation au plafond ou au mur. Éclairage direct à lampe fluorescente, à cathode froide ou LED. Équipements non compris dans les versions à LED. Voir contrôleurs LED.

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED LED drivers.

* Les versions LED sont uniquement disponibles pour les installations au plafond. Pour les installations murales, veuillez consulter le service Commercial Flos.

* LED versions only available for ceiling installation. Ask Flos technical dep. for wall installation.

Livre en deux elements.

Delivered in two pieces.

T5 FH
Non Dimmable
SA.1011.4.100
Dimmable 1-10V
SA.1011.4.11V
Dimmable Dali
SA.1011.4.1DA

T5 FQ
Non Dimmable
SA.1011.4.200
Dimmable 1-10V
SA.1011.4.21V
Dimmable Dali
SA.1011.4.2DA

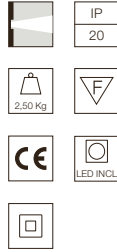
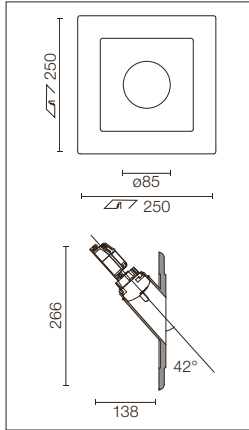
Cold Cathode
SA.1011.4.300

***LED White**
SA.1011.5C110

***LED RGB**
SA.1011.6B100

Round Light Small Designed By Flos Soft Architecture

Light Source: LED White 1W - 60 lm - 3000K/CRI > 90



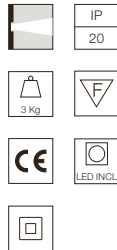
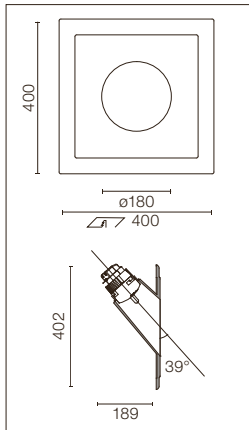
Luminaire encastrable de balisage pour intérieur. Source d'alimentation 100/240V comprise.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3010.1A

Round Light Medium Designed By Flos Soft Architecture

Light Source: LED White 7W - 720 lm - 3000K/CRI > 90



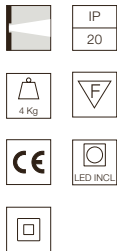
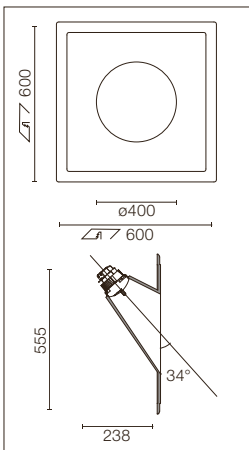
Luminaire encastrable de balisage pour intérieur. Source d'alimentation 100/240V comprise.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3011.1B

Round Light Large Designed By Flos Soft Architecture

Light Source: LED White 7W - 720 lm - 3000K/CRI > 90



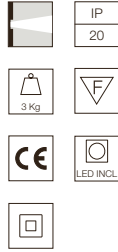
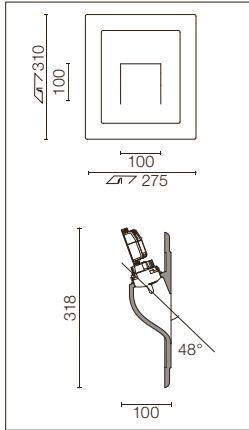
Luminaire encastrable de balisage pour intérieur. Source d'alimentation 100/240V comprise.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3012.1B

Square Light Small Designed By Flos Soft Architecture

Light Source: LED White 1W - 60 lm - 3000K/CRI > 80



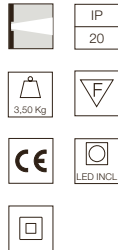
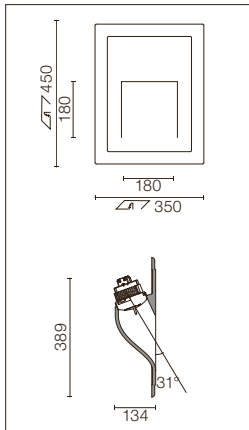
Luminaire encastrable de balisage pour intérieur. Source d'alimentation 100/240V comprise.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3013.1A

Square Light Large Designed By Flos Soft Architecture

Light Source: LED White 7W - 720 lm - 3000K/CRI > 80



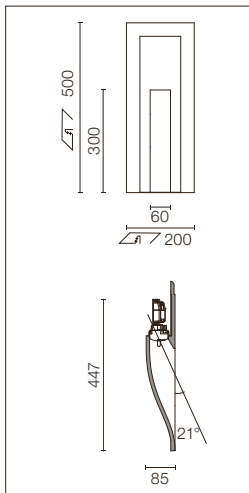
Luminaire encastrable de balisage pour intérieur. Source d'alimentation 100/240V comprise.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3014.1B

Vertical Light Small Designed By Flos Soft Architecture

Light Source: LED White 1W - 60 lm - 3000K/CRI > 80



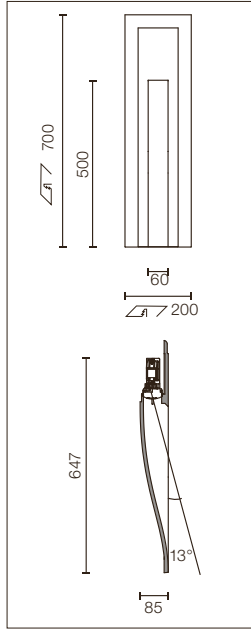
Luminaire encastrable de balisage pour intérieur. Source d'alimentation 100/240V comprise.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3015.1A

Vertical Light Large Designed By Flos Soft Architecture

Light Source: LED White 1W - 60 lm - 3000K/CRI > 80



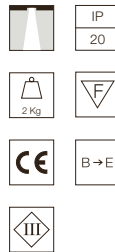
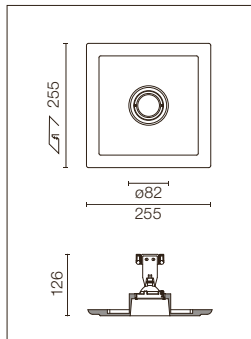
Luminaire encastrable de balisage pour intérieur. Source d'alimentation 100/240V comprise.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3016.1A

USB Round 1L Designed By Flos Soft Architecture

Light Source: QR-CBC-51 1xGU5.3 - max 50W



Luminaire encastrable pour lampe halogène de 12V. 220/240V, 50/60Hz. Variable par système à fin ou début de phase. Transformateur à distance non compris.

Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.

SA.3017.1

Electrique / Electrical
20/105W
60.9323

Accessoires / Accessories

Anti Eblouissement.
Anneau de cut-off 40°.

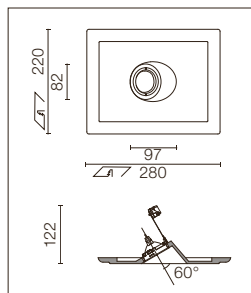
Anti-Glare.
40° cut-off accessory ring.



08.8270.00

USB Round 1L W-W Designed By Flos Soft Architecture

Light Source: QR-CBC-51 1xGU5.3 - max 50W



Luminaire encastrable pour lampe halogène de 12V. 220/240V, 50/60Hz. Variable par système à fin ou début de phase. Transformateur à distance non compris.

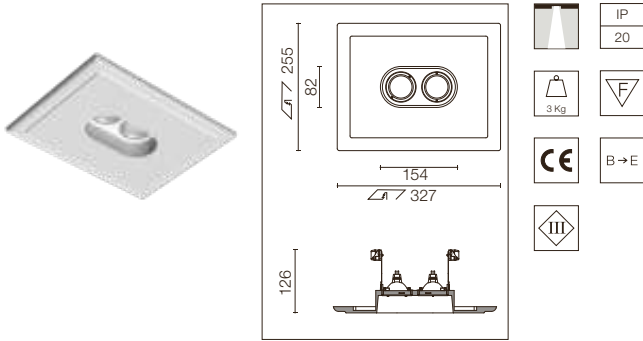
Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.

SA.3019.1

Electrique / Electrical
20/105W
60.9323

USB Round 2L Designed By Flos Soft Architecture

Light Source: QR-CBC-51 2xGU5.3 - max 50W



Luminaire encastrable pour lampe halogène de 12V. 220/240V, 50/60Hz. Variable par système à fin ou début de phase. Transformateur à distance non compris.

Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.

SA.3018.1

Electrique / Electrical
20/105W
60.9323

Accessoires / Accessories

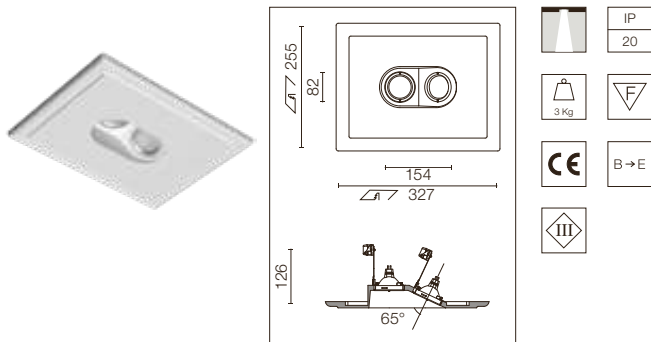
Anti Eblouissement.
Anneau de cut-off 40°.

Anti-Glare.
40° cut-off accessory ring.



USB Round 2L W-W Designed By Flos Soft Architecture

Light Source: QR-CBC-51 2xGU5.3 - max 50W



Luminaire encastrable pour lampe halogène de 12V. 220/240V, 50/60Hz. Variable par système à fin ou début de phase. Transformateur à distance non compris.

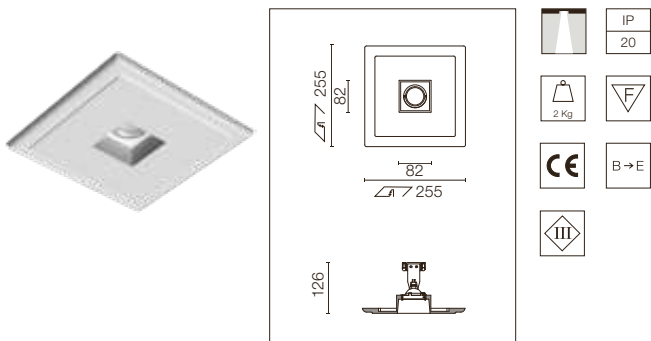
Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.

SA.3020.1

Electrique / Electrical
20/105W
60.9323

USB Square 1L Designed By Flos Soft Architecture

Light Source: QR-CBC-51 1xGU5.3 - max 50W



Luminaire encastrable pour lampe halogène de 12V. 220/240V, 50/60Hz. Variable par système à fin ou début de phase. Transformateur à distance non compris.

Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.

SA.3021.1

Electrique / Electrical
20/105W
60.9323

Accessoires / Accessories

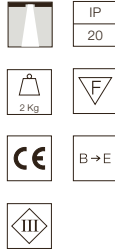
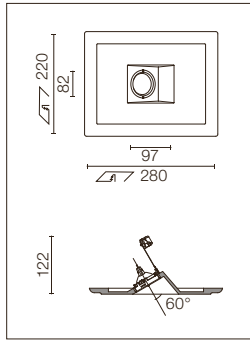
Anti Eblouissement.
Anneau de cut-off 40°.

Anti-Glare.
40° cut-off accessory ring.



USB Square 1L W-W Designed By Flos Soft Architecture

Light Source: QR-CBC-51 1xGU5.3 - max 50W



Luminaire encastrable pour lampe halogène de 12V. 220/240V, 50/60Hz. Variable par système à fin ou début de phase. Transformateur à distance non compris.

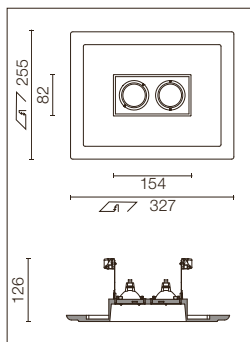
Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.

SA.3009.1

Electrique / Electrical
20/105W
60.9323

USB Square 2L Designed By Flos Soft Architecture

Light Source: QR-CBC-51 2xGU5.3 - max 50W



Luminaire encastrable pour lampe halogène de 12V. 220/240V, 50/60Hz. Variable par système à fin ou début de phase. Transformateur à distance non compris.

Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.

SA.3022.1

Electrique / Electrical
20/105W
60.9323

Accessoires / Accessories

Anti Eblouissement.
Anneau de cut-off 40°.

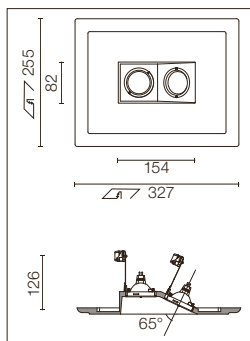
Anti-Glare.
40° cut-off accessory ring.



■ 08.8270.00

USB Square 2L W-W Designed By Flos Soft Architecture

Light Source: QR-CBC-51 2xGU5.3 - max 50W



Luminaire encastrable pour lampe halogène de 12V. 220/240V, 50/60Hz. Variable par système à fin ou début de phase. Transformateur à distance non compris.

Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.

SA.3023.1

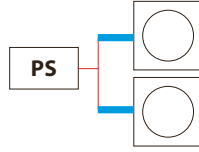
Electrique / Electrical
20/105W
60.9323

SOFT ARCHITECTURE | IN

LED DRIVERS

For: USO Cove Lighting: USO 900 C.L., USO 1700 C.L., USO 2200 C.L., USO 2500 C.L., USO 100 50 C.L., USO 140 90 C.L.

Non Dimmable



Cablage Wiring

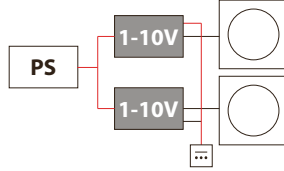
Câble d'alimentation de 500mm pour modules LED blancs à connexion rapide. Un par USO est nécessaire. Pour chaque Uso Cove Lighting 1700, Uso Cove Lighting 2200 Et Uso Cove Lighting 2500, 2 unités sont nécessaires. Alimentation électronique non comprise.

500mm feed cable for white LED modules with fast connection. Necessary one for each USO. For each Uso Cove Lighting 1700, Uso Cove Lighting 2200 And Uso Cove Lighting 2500 are necessary 2 units. Electronic power supply not included.

White
06.1016.00

RGB
06.1049.00

Dimmable 1-10V



Interfaces Dimmables Dimmable Interfaces

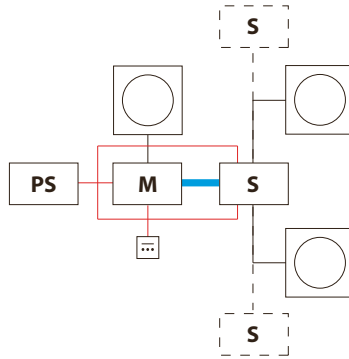
Interface dimmable 1-10V avec câble d'alimentation de 500mm pour modules LED blancs avec connexion rapide. Un pour chaque USO est nécessaire. Alimentation électronique non comprise.

1-10V dimmable interface with 500mm feed cable for white LED modules with fast connection. Necessary one for each USO. Electronic power supply not included.

White
06.1022.00

1-10V

Interfaces Dimmables Dimmable Interfaces



Interface Master DALI avec un distributeur à 5 pôles et un câble d'alimentation de 500mm pour une connexion aisée. Peut contrôler un USO. Si plusieurs USO sont sur la même installation, il convient d'étendre le signal avec interfaces Slave. Alimentation électronique non comprise.

DALI Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USO. If more USOs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

White
06.1019.00
M

RGB
06.1012.00
M

Interface Master DMX avec un distributeur à 5 pôles et un câble d'alimentation de 500mm pour une connexion aisée. Peut contrôler un USO. Si d'autres USO sont dans la même installation, il est nécessaire d'étendre le signal avec des interfaces Slave. Alimentation électronique non comprise.

DMX Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USO. If more USOs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1005.00
M

06.1005.00
M

Interface Master RGB à radio fréquence (RF) avec un distributeur à 5 pôles et un câble d'alimentation de 500mm pour une connexion aisée. Transmetteur mural intégré pour faire changer la couleur Peut contrôler un USO. Si plusieurs USO sont dans la même installation, il est nécessaire d'étendre le signal avec des interfaces Slave. Alimentation électronique non comprise.

Radio Frequency (RF) RGB Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. Wall transmitter to make color changing integrated. It's able to control one USO. If more USOs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1013.00
M

06.1013.00
M

— Fourni par l'installateur / Installer provides

SOFT ARCHITECTURE | IN

LED DRIVERS

For: USO Cove Lighting: USO 900 C.L., USO 1700 C.L., USO 2200 C.L., USO 2500 C.L., USO 100 50 C.L., USO 140 90 C.L.

Interfaces Dimmables Dimmable Interfaces

Interface Slave pour étendre le signal DALI/DMX/RF avec deux distributeurs à 5 pôles et deux câbles d'alimentation de 500mm pour une connexion aisée. Peut étendre le signal Master dans deux USO. Si davantage d'USO sont dans la même installation, il convient d'étendre le signal avec d'autres interfaces Slave. Alimentation électronique non comprise.

Slave interface to expand the DALI/DMX/RF signal with two 5 pole distributors and two 500mm feed cables for easy connection. It's able to expand the Master signal in two USOs. If more USOs are in the same installation it's necessary to expand the signal with more Slave interfaces. Electronic power supply not included.

Câble de prolongation de 2 mètres pour modules LED avec connexion rapide. Peuvent être connectés les uns aux autres pour obtenir plus de longueur. 20 mètres max.




2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.

	White	RGB
	06.1020.00 S	06.1014.00 S
	08.8297.00 —	08.8298.00 —

Alimentation / Power Supply

Installation dans Faux-Plafond Installation in False Ceiling	PS	Installation à Distance sur Tableau Électrique Remote Installation Electrical Panel	PS
Électronique 25W / Electronic 25W Alimentation électrique / Power supply LED. 25W – 24V. 100-240V, 50-60Hz.	60.8703	Électronique 150W / Electronic 150W Alimentation électrique / Power supply LED. 150W – 24V. 100-240V, 50-60Hz.	60.9443
Électronique 60W / Electronic 60W Alimentation électrique / Power supply LED. 60W – 24V. 100-240V, 50-60Hz.	60.9374	Électronique 240W / Electronic 240W Alimentation électrique / Power supply LED. 240W – 24V. 100-240V, 50-60Hz.	60.9352
Électronique 120W / Electronic 120W Alimentation électrique / Power supply LED. 120W – 24V. 100-240V, 50-60Hz.	60.9407	Électronique 480W / Electronic 480W Alimentation électrique / Power supply LED. 480W – 24V. 100-240V, 50-60Hz.	60.8452
		Électronique 750W / Electronic 750W Alimentation électrique / Power supply LED. 750W – 24V. 100-240V, 50-60Hz.	60.8453

Tables d'Installation / Installation Guidelines

	White					RGB				
	60W	100W	200W	480W	750W	60W	100W	200W	480W	750W
USO 100 50 Cove Lighting	1	1	3	8	12	1	1	3	8	12
USO 140 90 Cove Lighting	-	1	2	6	9	-	1	2	6	9
USO 900 Cove Lighting	-	1	2	6	9	-	1	2	6	9
USO 1700 Cove Lighting	-	-	1	3	5	-	-	1	3	5
USO 2200 Cove Lighting	-	-	1	2	4	-	-	1	2	4
USO 2500 Cove Lighting	-	-	-	2	3	-	-	-	2	3
Section cable (fourni par l'installateur) Cable section (installer provides)	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²
Distance maximum Max distance	 5m	15m	40m	100m	250m	5m	15m	40m	100m	250m
Distance maximum Max distance		20m				20m				
Distance maximum Max distance		20m				20m				
* Puissance max LED connectés à Max Power LED connected to		50W				50W				
Puissance max LED connectés à Max Power LED connected to		100W				100W				

* Attention: Pour chaque Uso Cove Lighting 1700, Uso Cove Lighting 2200 et Uso Cove Lighting 2500, LED blanc = 1 Master + 1 Slave.
Beware: For each Uso Cove Lighting 1700, Uso Cove Lighting 2200 and Uso Cove Lighting 2500, white LED = 1 Master + 1 Slave.

CARACTERISTIQUES PHYSIQUES

Imperméabilité

Le matériau convient à toutes les applications d'intérieur et n'absorbe par l'eau pouvant provenir d'une humidité excessive. Le matériau ne doit pas être utilisé à l'extérieur.

Réaction au test au feu pour les produits de construction

Le produit Soft Architecture est classé A1 ou A1fl, conformément à la norme UNE-EN 13501-1: 07 et aux méthodes de test UNE-EN ISO 1716:02 et UNE-EN ISO 1182:02.

Résistance chimique

Le matériau ne doit pas être exposé à des substances chimiques liquides ni à des cristaux déliquescents.

Isolation thermique

Le matériau a une valeur de conductivité thermique inférieure à 0,47 W/m. gr. K.

Densité

Le matériau a une densité moyenne de 1323 Kg/m³.

Caractéristiques structurelles

Le matériau présente les caractéristiques suivantes (selon la norme EN 13279-2:2006).

Charge maximale de flexion: 139 N à 7,2mm d'épaisseur.

Compression: la charge maximale de compression est supérieure à 10000N.

Dureté: la dureté C shore est supérieure à 90.

CARACTERISTIQUES DES MATERIAUX

Eco-efficacité de l'eau

On utilise l'eau potable du réseau hydrique, en proportion appropriée pour obtenir une maniabilité optimale.

L'eau est réutilisée cycliquement, à travers des filtres spéciaux afin d'éviter tout dommage écologique sur l'environnement avant son élimination.

Agents de démoulage

Des agents de démoulage sont incorporés ou appliqués sur la face externe du moule pour optimiser le cycle et obtenir une finition de la surface homogène. Ces agents n'ont aucun effet nocif sur la surface de l'article fabriqué.

CONCEPTION ET FABRICATION

Conception

La technologie 3D la plus récente a été utilisée pour développer tous les composants. Ils sont conçus et fabriqués selon un système d'assurance qualité entièrement documenté, conforme à la norme ISO 9001:2008.

CONTRÔLE QUALITÉ

Aspects généraux

Tous les composants sont contrôlés individuellement pour éviter les défauts de surface et de fabrication.

Norme: UNE-EN 13815: 06; UNE-EN 14246: 07.

Equerrage

Tous les composants sont contrôlés individuellement pour éviter les défauts de fabrication supérieurs à des valeurs comprises entre 0,5mm et 500mm depuis l'angle.

Planéarité

Tous les composants sont contrôlés individuellement pour éviter les défauts de fabrication relatifs à la planéarité plus grands que 1mm à 1 m.

Epaisseur

Tous les composants pour plafonds continus sont contrôlés individuellement pour éviter des variations supérieures à 2mm d'épaisseur moyenne cible.

Tolérance dimensionnelle

Tous les composants sont contrôlés individuellement pour éviter une tolérance dimensionnelle supérieure à +/- 3mm.

Plus d'informations sur www.soft-architecture.com.

Efflorescence

Tous les composants avec surface éclairée/visible sont contrôlés individuellement pour éviter l'efflorescence lumineuse.

Fait à la main

Ce produit a été réalisé à la main, toute imperfection est le résultat d'un travail artisanal.

PHYSICAL CHARACTERISTICS

Water Penetration

The material shall be suitable for all internal application, and shall not absorb moisture which may be present through excessive humidity. The material should not be used externally.

Reaction to Fire test for building products

The product Soft Architecture is classified as A1 or A1fl, according to UNE-EN 13501-1: 07, and test methods UNE-EN ISO 1716:02 and UNE-EN ISO 1182:02.

Chemical Resistance

The material shall not be exposed to liquid chemicals or deliquesced crystals.

Thermal Insulation

The material shall have a thermal conductivity value not greater than 0.47W/m. deg K.

Density

The material have a medium density of 1323 Kg/m³.

Structural Characteristics

The material shall have the following characteristics (following EN 13279-2:2006).

Flexion max load: 139N at 7.2mm thickness.

Compression: compression max load shall be bigger than 10000N.

Hardness: Shore C hardness shall be above 90.

FEATURES OF MATERIALS

Water Eco Efficiency

Clean water from drinking network is used in correct proportion to provide optimum workability. Water is cyclically re-used through special filters to prevent ecologic damages to nature before disposal.

Mould Release Agents

Proprietary mould release agents are incorporated or applied externally to the mould surface, to optimize cycle time and to achieve consistency of surface finish. These agents shall not have any adverse effect upon the surface of the produced item.

DESIGN & MANUFACTURING

Design

Latest 3D technology has been applied to develop all components. They are being manufactured and designed in accordance with a fully documented quality assurance system complying with ISO 9001:2008.

QUALITY CONTROL

General

All components are individually inspected to prevent surface or manufacturing defects.

Normative: UNE-EN 13815: 06; UNE-EN 14246: 07.

Squareness

All components are individually inspected to prevent manufacturing defects bigger than 0.5mm to 500mm from corner.

Flatness

All components are individually inspected to prevent flatness manufacturing defects bigger than 1mm in 1m.

Thickness

All components for continuous ceilings are individually inspected to prevent changes bigger than 2mm in mean target thickness.

Dimensional Tolerance

All components are individually inspected to prevent dimensional tolerance above +/- 3mm.

For more info see www.soft-architecture.com.

Efflorescence

All components with illuminated/visible surface are individually inspected to prevent light efflorescence .

Handmade

This product has been manufactured by hand. Any imperfection is because of its handcrafted process.



TERMES COMMUNS COMMON TERMS

UNDER-COVER
technology

CRADLE TO CRADLE

Soft Architecture est conçu pour durer dans le temps et réduire au minimum les effets nocifs sur l'environnement durant la phase de production. La durabilité, l'innovation et la qualité sont nos principaux objectifs, inspirés de la nature.

1-10V

1-10 V est l'un des premiers et des plus simples dispositifs de contrôle électronique d'éclairage. Le signal de commande est une tension DC qui varie de un à dix volts. L'appareil d'éclairage commandé devrait graduer sa sortie de manière à ce qu'à 10 V la lumière commandée soit à 100% de sa puissance, tandis qu'à 1 V elle devrait être égale à 0% (par ex. "éteint").

CRI

L'indice de rendu chromatique (color rendering index, CRI) est une mesure quantitative de la capacité d'une source lumineuse à reproduire fidèlement les couleurs d'objets variés par rapport à une source lumineuse idéale ou naturelle. Les sources lumineuses à CRI élevé sont préconisées dans les applications où la couleur a une importance fondamentale.

DALI

L'interface DALI (Digital Addressable Lighting Interface) est un standard technique pour les systèmes de contrôle d'éclairage en réseaux utilisés dans les immeubles. Le standard DALI englobe le protocole de communications et l'interface électrique pour les réseaux de contrôle d'éclairage.

DIMMER

Les dimmer sont des dispositifs utilisés pour faire varier l'intensité de la lumière.

DMX

DMX est un standard pour les réseaux de communication digitale communément utilisé pour contrôler les éclairages scéniques. Il permet de programmer le réglage de la couleur et la variation pour RGB.

KELVIN

Le kelvin est utilisé pour mesurer la température de couleur des sources lumineuses. La température de couleur est une caractéristique de la lumière visible très importante dans l'éclairage car elle indique si la lumière est chaude (températures de couleur basse) ou froide (températures de couleur élevées).

LUMEN

Le lumen (symbole: lm) est l'unité de mesure SI du flux lumineux, une mesure de la puissance de la lumière perçue par l'œil humain.

INTERFACE MASTER

L'interface Master est un dispositif électronique qui reçoit le signal (DALI/DMX/...) et restitue un signal modulé pour la LED. Il peut contrôler la lumière avec une puissance maximale.

ALIMENTATION

L'alimentation est un dispositif qui fournit l'énergie électrique à une ou plusieurs charge électrique.

RGB

Le modèle de couleur RGB est un modèle de couleur supplémentaire où les lumières de couleur rouge, verte et bleue sont combinées de différentes façons pour reproduire une large gamme de couleurs. Le nom du modèle reprend les initiales des trois couleurs primaires: rouge (red), vert (green) et bleu (blu).

INTERFACE ESCLAVE

L'interface esclave est utilisée pour répondre au signal modulé de l'interface Master dans les installations où le Master est en surcharge.

CRADLE TO CRADLE

Soft Architecture is designed to last and to minimize the harmful effects on the natural environment during production. sustainability, innovation and quality are our main goals, inspired by nature.

1-10V

1-10 V is one of the earliest and simplest electronic lighting control. The control signal is a DC voltage that varies between one and ten volts. The controlled lighting should scale its output so that at 10 V, the controlled light should be at 100% of its potential output, and at 1 V it should at 0% output (i.e. "Off").

CRI

The color rendering index (CRI) is a quantitative measure of the ability of a light source to reproduce the colors of various objects faithfully in comparison with an ideal or natural light source. Light sources with a high CRI are desirable in color-critical applications.

DALI

Digital Addressable Lighting Interface (DALI) is a technical standard for network-based systems that control lighting in buildings. The DALI standard encompasses the communications protocol and electrical interface for lighting control networks.

DIMMER

Dimmers are devices used to vary the brightness of a light.

DMX

DMX is a standard for digital communication networks that are commonly used to control stage lighting. Allows to program the colour regulation and variation for RGB.

KELVIN

The kelvin is used in the measure of the color temperature of light sources. Color temperature is a characteristic of visible light that has important applications in lighting because indicates if the light is warm (low color temperatures) or cold (high color temperatures).

LUMEN

The lumen (symbol: lm) is the SI unit of luminous flux, a measure of the power of light perceived by the human eye.

MASTER INTERFACE

The master interface it is an electronic device which receives the signal (DALI/DMX/...) and returns a modulated signal for the LED. It's able to control the light with a maximum power load.

POWER SUPPLY

A power supply is a device that supplies electrical energy to one or more electric loads.

RGB

The RGB color model is an additive color model in which red, green, and blue light are added together in various ways to reproduce a broad array of colors. The name of the model comes from the initials of the three additive primary colors, red, green, and blue.

SLAVE INTERFACE

The slave interface is used to reply the modulated signal of the master interface in installations where the master is overloaded.

Note: Les données techniques sont sujettes à modification sans aucun préavis. Les informations sont conformes à nos conditions actuelles de production et reflètent les valeurs types concernant les paramètres de spécification de fabrication, pour des utilisations finales types. Nous déclinons toute responsabilité en cas d'éventuels dommages causés par les produits mal utilisés ou des utilisations finales non prévues.

Note: Technical data are subject to changes without any previous notice. Information is consistent with our current production conditions and reflects typical values relating to manufacturing specification parameters and for typical end uses. We accept no liability or responsibility for any damage caused by products incorrectly applied in non typical end uses.

QUICK SEARCH OF PRODUCT

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03.0050.14ANT	188	03.0714.40.NT	352	03.0772.40	354	03.2603.TK	500	03.3904.30C	196	03.4176.CU	252
03.0050.40A	186	03.0715.14	352	03.0772.CE	354	03.2603.WG	500	03.3920.30C	196	03.4176.CU.LE	253
03.0051.00A	186	03.0715.14.NT	352	03.0772.TK	354	03.2630.14A	498	03.3921.30C	196	03.4176.GL	252
03.0051.14ANT	188	03.0715.40	352	03.0773.14	354	03.2630.29A	498	03.3922.30C	196	03.4176.GL.LE	253
03.0051.40A	186	03.0715.40.NT	352	03.0773.40	354	03.2630.30A	498	03.3923.30C	196	03.4177.74	252
03.0052.00A	186	03.0716.14	352	03.0773.CE	354	03.2630.TKA	498	03.3924.30C	196	03.4177.B1	252
03.0052.14ANT	188	03.0716.14.NT	352	03.0773.TK	354	03.2630.WGA	498	03.3960.29B	122	03.4177.BU	252
03.0052.40A	186	03.0716.40	352	03.0774.14	354	03.2631.14A	498	03.3960.ANB	122	03.4177.CU	252
03.0053.00A	186	03.0716.40.NT	352	03.0774.40	354	03.2631.29A	498	03.3961.29B	122	03.4177.GL	252
03.0053.14ANT	188	03.0717.14	352	03.0774.CE	354	03.2631.30A	498	03.3961.ANB	122	03.4178.74	256
03.0053.40A	186	03.0717.14.NT	352	03.0774.TK	354	03.2631.TKA	498	03.3962.29B	122	03.4178.74.LE	257
03.0054.00A	186	03.0717.40	352	03.0775.14	354	03.2631.WGA	498	03.3962.ANB	122	03.4178.B1	256
03.0054.14ANT	188	03.0717.40.NT	352	03.0775.40	354	03.2632.14A	498	03.3963.29B	122	03.4178.B1.LE	257
03.0054.40A	186	03.0718.14	353	03.0775.CE	354	03.2632.29A	498	03.3963.ANB	122	03.4178.BU	256
03.0055.00A	186	03.0718.40	353	03.0775.TK	354	03.2632.30A	498	03.3970.02A	123	03.4178.BU.LE	257
03.0055.14ANT	188	03.0718.CE	353	03.0800.14	356	03.2632.TKA	498	03.3970.14A	123	03.4178.CU	256
03.0055.40A	186	03.0718.TK	353	03.0800.40	356	03.2632.WGA	498	03.3970.30A	123	03.4178.CU.LE	257
03.0056.00A	186	03.0719.14	353	03.0801.14	356	03.2635.14A	498	03.3971.02A	123	03.4178.GL	256
03.0056.14ANT	188	03.0719.40	353	03.0801.40	356	03.2635.29A	498	03.3971.14A	123	03.4178.GL.LE	257
03.0056.40A	186	03.0719.CE	353	03.0802.14	356	03.2635.TKA	498	03.3971.30A	123	03.4179.74	256
03.0057.00A	186	03.0719.TK	353	03.0802.40	356	03.2635.WGA	498	03.3972.02A	123	03.4179.B1	256
03.0057.14ANT	188	03.0720.14	353	03.0803.14	356	03.2636.14A	498	03.3972.14A	123	03.4179.BU	256
03.0057.40A	186	03.0720.40	353	03.0803.40	356	03.2636.29A	498	03.3972.30A	123	03.4179.CU	256
03.0058.00A	187	03.0720.CE	353	03.0804.14	356	03.2636.30A	498	03.3975.02A	123	03.4179.GL	256
03.0058.14ANT	189	03.0720.TK	353	03.0804.40	356	03.2636.TKA	498	03.3975.14A	123	03.4180.74	204
03.0058.40A	187	03.0721.14	353	03.0805.14	356	03.2636.WGA	498	03.3975.30A	123	03.4180.74.LE	205
03.0059.00A	187	03.0721.40	353	03.0805.40	356	03.2636.TKA	498	03.3976.02A	123	03.4180.B1	204
03.0059.14ANT	189	03.0721.CE	353	03.1060.14	500	03.2637.14A	498	03.3976.14A	123	03.4180.B1.LE	205
03.0059.40A	187	03.0721.TK	353	03.1060.29	500	03.2637.29A	498	03.3976.30A	123	03.4180.BU	204
03.0060.00A	187	03.0722.14	353	03.1060.30	500	03.2637.30A	498	03.3977.02A	123	03.4180.BU.LE	205
03.0060.14ANT	189	03.0722.40	353	03.1060.TK	500	03.2637.TKA	498	03.3977.14A	123	03.4180.CU	204
03.0060.40A	187	03.0722.CE	353	03.1060.WG	500	03.2637.WGA	498	03.3977.30A	123	03.4180.CU.LE	205
03.0061.00A	187	03.0722.TK	353	03.1061.14	501	03.2640.14A	499	03.4060.29	122	03.4180.GL	204
03.0061.14ANT	189	03.0723.14	353	03.1061.29	501	03.2640.29A	499	03.4060.29.1Y	122	03.4180.GL.LE	205
03.0061.40A	187	03.0723.40	353	03.1061.30	501	03.2640.30A	499	03.4061.29	122	03.4181.74	204
03.0062.00A	187	03.0723.CE	353	03.1061.TK	501	03.2640.TKA	499	03.4061.29.1Y	122	03.4181.B1	204
03.0062.14ANT	189	03.0723.TK	353	03.1061.WG	501	03.2640.WGA	499	03.4062.29	122	03.4181.BU	204
03.0062.40A	187	03.0730.14	354	03.1063.14	501	03.2641.14A	499	03.4062.29.1Y	122	03.4181.CU	204
03.0063.00A	187	03.0730.40	354	03.1063.29	501	03.2641.29A	499	03.4063.29	122	03.4181.GL	204
03.0063.14ANT	189	03.0730.CE	354	03.1063.30	501	03.2641.30A	499	03.4063.29.1Y	122	03.4182.74	210
03.0063.40A	187	03.0730.TK	354	03.1063.TK	501	03.2641.TKA	499	03.4064.29	122	03.4182.74.LE	211
03.0064.00A	187	03.0731.14	354	03.1063.WG	501	03.2641.WGA	499	03.4064.29.1Y	122	03.4182.B1	210
03.0064.14ANT	189	03.0731.40	354	03.1064.14	501	03.2642.14A	499	03.4065.29	122	03.4182.B1.LE	211
03.0064.40A	187	03.0731.CE	354	03.1064.29	501	03.2642.29A	499	03.4065.29.1Y	122	03.4182.BU	210
03.0065.00A	187	03.0731.TK	354	03.1064.30	501	03.2642.30A	499	03.4065.29.5Y	122	03.4182.BU.LE	211
03.0065.14ANT	189	03.0732.14	354	03.1064.TK	501	03.2642.TKA	499	03.4153.74	260	03.4182.CU	210
03.0065.40A	187	03.0732.40	354	03.1064.WG	501	03.2642.WGA	499	03.4153.B1	260	03.4182.CU.LE	211
03.0700.14	350	03.0732.CE	354	03.2001.01	287	03.2645.14A	499	03.4153.BU	260	03.4182.GL	210
03.0700.14.NT	350	03.0732.TK	354	03.2001.01.DA	287	03.2645.29A	499	03.4153.CU	260	03.4182.GL.LE	211
03.0700.40	350	03.0733.14	354	03.2001.14	287	03.2645.30A	499	03.4153.GL	260	03.4183.74	210
03.0700.40.NT	350	03.0733.40	354	03.2001.14.DA	287	03.2645.TKA	499	03.4155.74	262	03.4183.B1	210
03.0701.14	350	03.0733.CE	354	03.2001.CU	287	03.2645.WGA	499	03.4155.B1	262	03.4183.BU	210
03.0701.14.NT	350	03.0733.TK	354	03.2001.CU.DA	287	03.2646.14A	499	03.4155.BU	262	03.4183.CU	210
03.0701.40	350	03.0734.14	354	03.2003.01	287	03.2646.29A	499	03.4155.CU	262	03.4183.GL	210
03.0701.40.NT	350	03.0734.40	354	03.2003.01.DA	287	03.2646.30A	499	03.4155.GL	262	03.4184.74	218
03.0702.14	351	03.0734.CE	354	03.2003.14	287	03.2646.TKA	499	03.4157.74	264	03.4184.74.LE	219
03.0702.14.NT	351	03.0734.TK	354	03.2003.14.DA	287	03.2646.WGA	499	03.4157.B1	264	03.4184.B1	218
03.0702.40	351	03.0735.14	354	03.2003.CU	287	03.2647.14A	499	03.4157.BU	264	03.4184.B1.LE	219
03.0702.40.NT	351	03.0735.40	354	03.2003.CU.DA	287	03.2647.29A	499	03.4157.CU	264	03.4184.BU	218
03.0703.14	351	03.0735.CE	354	03.2005.01	288	03.2647.30A	499	03.4157.GL	264	03.4184.BU.LE	219
03.0703.14.NT	351	03.0735.TK	354	03.2005.01.DA	288	03.2647.TKA	499	03.4160.74	272	03.4184.CU	218
03.0703.40	351	03.0740.14	356	03.2005.14	288	03.2647.WGA	499	03.4160.B1	272	03.4184.CU.LE	219
03.0703.40.NT	351	03.0740.40	356	03.2005.14.DA	288	03.2650.14	362	03.4160.BU	272	03.4184.GL	218
03.0704.14	350	03.0741.14	356	03.2005.CU	288	03.2650.30	362	03.4160.CU	272	03.4184.GL.LE	219
03.0704.14.NT	350	03.0741.40	356	03.2005.CU.DA	288	03.2651.14	362	03.4160.GL	272	03.4185.74	218
03.0704.40	350	03.0742.14	356	03.2006.01	287	03.2651.30	362	03.4162.74	273	03.4185.B1	218
03.0704.40.NT	350	03.0742.40	356	03.2006.01.DA	287	03.2675.14A	361	03.4162.B1	273	03.4185.BU	218
03.0705.14	350	03.0743.14	356	03.2006.14	287	03.2675.30A	361	03.4162.BU	273	03.4185.CU	218
03.0705.14.NT	350	03.0743.40	356	03.2006.14.DA	287	03.2676.14A	361	03.4162.CU	273	03.4185.GL	218
03.0705.40	350	03.0744.14	356	03.2006.CU	287	03.2676.30A	361	03.4162.GL	273	03.4186.74	224
03.0705.40.NT	350	03.0744.40	356	03.2006.CU.DA	287	03.2677.14A	361	03.4170.74	260	03.4186.74.LE	225
03.0706.14	351	03.0745.14	356	03.2007.01	287	03.2677.30A	361	03.4170.74.LE	261	03.4186.B1	224
03.0706.14.NT	351	03.0745.40	356	03.2007.01.DA	287	03.2680.14A	361	03.4170.B1	260	03.4186.B1.LE	225
03.0706.40	351	03.0760.14	353	03.2007.14	287	03.2680.30A	361	03.4170.B1.LE	261	03.4186.BU	224
03.0706.40.NT	351	03.0760.40	353	03.2007.14.DA	287	03.2681.14A	361	03.4170.BU	260	03.4186.BU.LE	225
03.0707.14	351	03.0760.CE	353	03.2007.CU	287	03.2681.30A	361	03.4170.CU.LE	261	03.4186.CU	224
03.0707.14.NT	351	03.0760.TK	353	03.2007.CU.DA	287	03.2682.14A	361	03.4170.CU	260	03.4186.CU.LE	225
03.0707.40	351	03.0761.14	353	03.2008.01	288	03.2682.30A	361	03.4170.GL	261	03.4186.GL	224
03.0707.40.NT	351	03.0761.40	353	03.2008.01.DA	288	03.3502.02	334	03.4170.GU	260	03.4186.GL.LE	225
03.0708.14	350	03.0761.CE	353	03.2008.14	288	03.3502.14	334	03.4170.GU.LE	261	03.4187.74	224
03.0708.14.NT	350	03.0761.TK	353	03.2008.14.DA	288	03.3502.30	334	03.4171.74	262	03.4187.B1	224
03.0708.40	350	03.0762.14	353	03.2008.CU	288	03.3505.02	333	03.4171.74.LE	263	03.4187.BU	224
03.0708.40.NT	350	03.0762.40	353	03.2008.CU.DA	288	03.3505.14	333	03.4171.B1	262	03.4187.CU	224
03.0709.14	350	03.0762.CE	353	03.2010.14	285	03.3505.30	333	03.4171.B1.LE	263	03.4187.GL	224

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03.4190.CU	232	03.4212.BU	272	03.4293.B1.LE	267	03.4420.BUCDA	240	03.4496.GLBDA	240	03.4535.CU	208
03.4190.CU.LE	233	03.4212.CU	272	03.4293.BU	266	03.4420.CUC	240	03.4497.74B	242	03.4535.GL	208
03.4190.GL	232	03.4212.GL	272	03.4293.BU.LE	267	03.4420.CUC1V	240	03.4497.74B1V	242	03.4536.74	212
03.4190.GL.LE	233	03.4213.74	273	03.4293.CU	266	03.4420.CUCDA	240	03.4497.74BDA	242	03.4536.74.LE	212
03.4191.74	232	03.4213.B1	273	03.4293.CU.LE	267	03.4420.GLC	240	03.4497.B1B	242	03.4536.B1	213
03.4191.B1	232	03.4213.BU	273	03.4293.GL	266	03.4420.GLC1V	240	03.4497.B1B1V	242	03.4536.B1.LE	213
03.4191.BU	232	03.4213.CU	273	03.4293.GL.LE	267	03.4420.GLCDA	240	03.4497.B1BDA	242	03.4536.BU	212
03.4191.CU	232	03.4213.GL	273	03.4294.74	266	03.4450.74A	280	03.4497.BUB	242	03.4536.BU.LE	213
03.4191.GL	232	03.4218.74	278	03.4294.B1	266	03.4450.B1A	280	03.4497.BUB1V	242	03.4536.CU	212
03.4192.74	248	03.4218.B1	278	03.4294.BU	266	03.4450.BUA	280	03.4497.BUBDA	242	03.4536.CU.LE	213
03.4192.74.LE	249	03.4218.BU	278	03.4294.CU	266	03.4450.CUA	280	03.4497.CUB	242	03.4536.GL	212
03.4192.B1	248	03.4218.CU	278	03.4294.GL	266	03.4450.GLA	280	03.4497.CUB1V	242	03.4536.GL.LE	213
03.4192.B1.LE	249	03.4218.GL	278	03.4295.74	270	03.4451.74A	280	03.4497.CUBDA	242	03.4537.74	212
03.4192.BU	248	03.4219.74	278	03.4295.74.LE	271	03.4451.B1A	280	03.4497.GLB	242	03.4537.B1	212
03.4192.BU.LE	249	03.4219.B1	278	03.4295.B1	270	03.4451.BUA	280	03.4497.GLB1V	242	03.4537.BU	212
03.4192.CU	248	03.4219.BU	278	03.4295.B1.LE	271	03.4451.CUA	280	03.4497.GLBDA	242	03.4537.CU	212
03.4192.CU.LE	249	03.4219.CU	278	03.4295.BU	270	03.4451.GLA	280	03.4498.74B	244	03.4537.GL	212
03.4192.GL	248	03.4219.GL	278	03.4295.BU.LE	271	03.4455.74A	280	03.4498.74B1V	244	03.4538.74	216
03.4192.GL.LE	249	03.4220.74	278	03.4295.CU	270	03.4455.B1A	280	03.4498.74BDA	244	03.4538.74.LE	217
03.4193.74	248	03.4220.B1	278	03.4295.CU.LE	271	03.4455.BUA	280	03.4498.B1B	244	03.4538.B1	216
03.4193.B1	248	03.4220.BU	278	03.4295.GL	270	03.4455.CUA	280	03.4498.B1B1V	244	03.4538.B1.LE	217
03.4193.BU	248	03.4220.CU	278	03.4295.GL.LE	271	03.4455.GLA	280	03.4498.B1BDA	244	03.4538.BU	216
03.4193.CU	248	03.4220.GL	278	03.4296.74	270	03.4456.74A	280	03.4498.BUB	244	03.4538.BU.LE	217
03.4193.GL	248	03.4221.74	278	03.4296.B1	270	03.4456.B1A	280	03.4498.BUB1V	244	03.4538.CU	216
03.4194.74	254	03.4221.B1	278	03.4296.BU	270	03.4456.BUA	280	03.4498.BUBDA	244	03.4538.CU.LE	217
03.4194.74.LE	255	03.4221.BU	278	03.4296.CU	270	03.4456.CUA	280	03.4498.CUB	244	03.4538.GL	216
03.4194.B1	254	03.4221.CU	278	03.4296.GL	270	03.4456.GLA	280	03.4498.CUB1V	244	03.4538.GL.LE	217
03.4194.B1.LE	255	03.4221.GL	278	03.4297.74	250	03.4462.74C	279	03.4498.CUBDA	244	03.4539.74	216
03.4194.BU	254	03.4226.74	214	03.4297.74.LE	251	03.4462.B1C	279	03.4498.GLB	244	03.4539.B1	216
03.4194.BU.LE	255	03.4226.B1	214	03.4297.B1	250	03.4462.BUC	279	03.4498.GLB1V	244	03.4539.BU	216
03.4194.CU	254	03.4226.BU	214	03.4297.B1.LE	251	03.4462.CUC	279	03.4498.GLBDA	244	03.4539.CU	216
03.4194.CU.LE	255	03.4226.CU	214	03.4297.BU	250	03.4462.GLC	279	03.4510.11	489	03.4539.GL	216
03.4194.GL	254	03.4226.GL	214	03.4297.BU.LE	251	03.4463.74C	281	03.4510.AN	489	03.4540.74	220
03.4194.GL.LE	255	03.4227.74	215	03.4297.CU	250	03.4463.B1C	281	03.4510.AS	489	03.4540.74.LE	221
03.4195.74	254	03.4227.B1	215	03.4297.CU.LE	251	03.4463.BUC	281	03.4510.B3	489	03.4540.B1	220
03.4195.B1	254	03.4227.BU	215	03.4297.GL	250	03.4463.CUC	281	03.4511.11	489	03.4540.B1.LE	221
03.4195.BU	254	03.4227.CU	215	03.4297.GL.LE	251	03.4463.GLC	281	03.4511.AN	489	03.4540.BU	220
03.4195.CU	254	03.4227.GL	215	03.4298.74	250	03.4475.74C	244	03.4511.AS	489	03.4540.BU.LE	221
03.4195.GL	254	03.4228.74	214	03.4298.B1	250	03.4475.74C1V	244	03.4511.B3	489	03.4540.CU	220
03.4196.74	274	03.4228.B1	214	03.4298.BU	250	03.4475.74CDA	244	03.4512.11	489	03.4540.CU.LE	221
03.4196.74.LE	275	03.4228.BU	214	03.4298.CU	250	03.4475.B1C	244	03.4512.AN	489	03.4540.GL	220
03.4196.B1	274	03.4228.CU	214	03.4298.GL	250	03.4475.B1C1V	244	03.4512.AS	489	03.4540.GL.LE	221
03.4196.B1.LE	275	03.4228.GL	214	03.4300.02B	342	03.4475.B1CDA	244	03.4512.B3	489	03.4541.74	220
03.4196.BU	274	03.4229.74	215	03.4300.14B	342	03.4475.BUC	244	03.4513.11	489	03.4541.B1	220
03.4196.BU.LE	275	03.4229.B1	215	03.4300.30B	342	03.4475.BUC1V	244	03.4513.AN	489	03.4541.BU	220
03.4196.CU	274	03.4229.BU	215	03.4301.02B	342	03.4475.BUCDA	244	03.4513.AS	489	03.4541.CU	220
03.4196.CU.LE	275	03.4229.CU	215	03.4301.14B	342	03.4475.CUC	244	03.4513.B3	489	03.4541.GL	220
03.4196.GL	274	03.4229.GL	215	03.4301.30B	342	03.4475.CUC1V	244	03.4520.11A	488	03.4542.74	222
03.4196.GL.LE	275	03.4234.74	228	03.4302.02B	342	03.4475.CUCDA	244	03.4520.ANA	488	03.4542.74.LE	223
03.4197.74	274	03.4234.B1	228	03.4302.14B	342	03.4475.GLC	244	03.4520.ASA	488	03.4542.B1	222
03.4197.B1	274	03.4234.BU	228	03.4302.30B	342	03.4475.GLC1V	244	03.4520.B3A	488	03.4542.B1.LE	223
03.4197.BU	274	03.4234.CU	228	03.4311.02A	342	03.4475.GLCDA	244	03.4521.11A	488	03.4542.BU	222
03.4197.CU	274	03.4234.GL	228	03.4311.14A	342	03.4482.74C	242	03.4521.ANA	488	03.4542.BU.LE	223
03.4197.GL	274	03.4235.74	229	03.4311.30A	342	03.4482.74C1V	242	03.4521.ASA	488	03.4542.CU	222
03.4198.74	276	03.4235.B1	229	03.4312.02A	342	03.4482.74CDA	242	03.4521.B3A	488	03.4542.CU.LE	223
03.4198.74.LE	277	03.4235.BU	229	03.4312.14A	342	03.4482.B1C	242	03.4522.11A	488	03.4542.GL	222
03.4198.B1	276	03.4235.CU	229	03.4312.30A	342	03.4482.B1C1V	242	03.4522.ANA	488	03.4542.GL.LE	223
03.4198.B1.LE	277	03.4235.GL	229	03.4313.02A	342	03.4482.B1CDA	242	03.4522.ASA	488	03.4543.74	222
03.4198.BU	276	03.4236.74	228	03.4313.14A	342	03.4482.BUC	242	03.4522.B3A	488	03.4543.B1	222
03.4198.BU.LE	277	03.4236.B1	228	03.4313.30A	342	03.4482.BUC1V	242	03.4523.11A	488	03.4543.BU	222
03.4198.CU	276	03.4236.BU	228	03.4320.02B	343	03.4482.BUCDA	242	03.4523.ANA	488	03.4543.CU	222
03.4198.CU.LE	277	03.4236.CU	228	03.4320.14B	343	03.4482.CUC	242	03.4523.ASA	488	03.4543.GL	222
03.4198.GL	276	03.4236.GL	228	03.4320.30B	343	03.4482.CUC1V	242	03.4523.B3A	488	03.4544.74	226
03.4198.GL.LE	277	03.4237.74	229	03.4321.02B	343	03.4482.CUCDA	242	03.4530.74	202	03.4544.74.LE	227
03.4199.74	276	03.4237.B1	229	03.4321.14B	343	03.4482.GLC	242	03.4530.74.LE	203	03.4544.B1	226
03.4199.B1	276	03.4237.BU	229	03.4321.30B	343	03.4482.GLC1V	242	03.4530.B1	202	03.4544.B1.LE	227
03.4199.BU	276	03.4237.CU	229	03.4322.02B	343	03.4482.GLCDA	242	03.4530.B1.LE	203	03.4544.BU	226
03.4199.CU	276	03.4237.GL	229	03.4322.14B	343	03.4492.74B	279	03.4530.BU	202	03.4544.BU.LE	227
03.4199.GL	276	03.4242.74	234	03.4322.30B	343	03.4492.B1B	279	03.4530.BU.LE	203	03.4544.CU	226
03.4200.74	268	03.4242.B1	234	03.4331.02A	343	03.4492.BUB	279	03.4530.CU	202	03.4544.CU.LE	227
03.4200.74.LE	269	03.4242.BU	234	03.4331.14A	343	03.4492.CUB	279	03.4530.CU.LE	203	03.4544.GL	226
03.4200.B1	268	03.4242.CU	234	03.4331.30A	343	03.4492.GLB	279	03.4530.GL	202	03.4544.GL.LE	227
03.4200.B1.LE	269	03.4242.GL	234	03.4332.02A	343	03.4493.74B	281	03.4530.GL.LE	203	03.4545.74	226
03.4200.BU	268	03.4243.74	234	03.4332.14A	343	03.4493.B1B	281	03.4531.74	202	03.4545.B1	226
03.4200.BU.LE	269	03.4243.B1	234	03.4332.30A	343	03.4493.BUB	281	03.4531.B1	202	03.4545.BU	226
03.4200.CU	268	03.4243.BU	234	03.4333.02A	343	03.4493.CUB	281	03.4531.BU	202	03.4545.CU	226
03.4200.CU.LE	269	03.4243.CU	234	03.4333.14A	343	03.4493.GLB	281	03.4531.CU	202	03.4545.GL	226
03.4200.GL	268	03.4243.GL	234	03.4333.30A	343	03.4494.74B	235	03.4531.GL	202	03.4570.74C	236
03.4200.GL.LE	269	03.4244.74	234	03.4400.74	239	03.4494.74B1V	235	03.4532.74	206	03.4570.74C1V	236
03.4201.74	268	03.4244.B1	234	03.4400.B1	239	03.4494.74BDA	235	03.4532.74.LE	207	03.4570.74CDA	236
03.4201.B1	268	03.4244.BU	234	03.4400.BU	239	03.4494.B1B	235	03.4532.B1	206	03.4570.B1C	236
03.4201.BU	268	03.4244.CU	234	03.4400.CU	239	03.4494.B1B1V	235	03.4532.B1.LE	207	03.4570.B1C1V	236
03.4201.CU	268	03.4244.GL	234	03.4400.GL	239	03.4494.B1BDA	235	03.4532.BU	206	03.4570.B1CDA	236
03.4201.GL	268	03.4245.74	234	03.4407.74C	235	03.4494.BUB	235	03.4532.BU.LE	207	03.4570.BUC	236
03.4208.74	258	03.4245.B1	234	03.4407.74C1V	235	03.4494.BUB1V	235	03.4532.CU	206	03.4570.BUC1V	236
03.4208.B1	258	03.4245.BU	234	03.4407.74CDA	235	03.4494.BUBDA	235	03.4532.CU.LE	207	03.4570.BUCDA	236
03.4208.BU	258	03.4245.CU	234	03.4407.B1C	235	03.4					

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03.4580.CU	237	03.4587.CU.1V	243	03.4980.06ADA	300	03.5700.B3	490	03.5911.B1	486	03.5955.14	487
03.4580.CU.1V	237	03.4587.CU.DA	243	03.4980.14A	300	03.5701.11	490	03.5912.14	486	03.5955.18	487
03.4580.CU.DA	237	03.4587.GL	243	03.4980.14ADA	300	03.5701.AN	490	03.5912.18	486	03.5955.B1	487
03.4580.GL	237	03.4587.GL.1V	243	03.4980.GLA	300	03.5701.AS	490	03.5912.B1	486	03.5956.14	487
03.4580.GL.1V	237	03.4587.GL.DA	243	03.4980.GLADA	300	03.5701.B3	490	03.5913.14	486	03.5956.18	487
03.4580.GL.DA	237	03.4588.74	245	03.4981.06	300	03.5702.11	490	03.5913.18	486	03.5956.B1	487
03.4581.74	237	03.4588.74.1V	245	03.4981.06.DA	300	03.5702.AN	490	03.5913.B1	486	03.5957.14	487
03.4581.74.1V	237	03.4588.74.DA	245	03.4981.14	300	03.5702.AS	490	03.5914.14	486	03.5957.18	487
03.4581.74.DA	237	03.4588.B1	245	03.4981.14.DA	300	03.5702.B3	490	03.5914.18	486	03.5957.B1	483
03.4581.B1	237	03.4588.B1.1V	245	03.4981.GL	300	03.5703.11	490	03.5914.B1	486	03.6000.14	483
03.4581.B1.1V	237	03.4588.B1.DA	245	03.4981.GL.DA	300	03.5703.AN	490	03.5915.14	486	03.6000.14.DA	483
03.4581.B1.DA	237	03.4588.BU	245	03.4982.06A	300	03.5703.AS	490	03.5915.18	486	03.6000.18	483
03.4581.BU	237	03.4588.BU.1V	245	03.4982.06ADA	300	03.5703.B3	491	03.5915.B1	486	03.6000.18.DA	483
03.4581.BU.1V	237	03.4588.BU.DA	245	03.4982.14A	300	03.5710.11	491	03.5916.14	486	03.6000.B1	483
03.4581.BU.DA	237	03.4588.CU	245	03.4982.14ADA	300	03.5710.AN	491	03.5916.18	486	03.6000.B1.DA	483
03.4581.CU	237	03.4588.CU.1V	245	03.4982.GLA	300	03.5710.AS	491	03.5916.B1	486	03.6001.14	483
03.4581.CU.1V	237	03.4588.CU.DA	245	03.4982.GLADA	300	03.5710.B3	491	03.5917.14	486	03.6001.14.DA	483
03.4581.CU.DA	237	03.4588.GL	245	03.4983.06	300	03.5711.11	491	03.5917.18	486	03.6001.18	483
03.4581.GL	237	03.4588.GL.1V	245	03.4983.06.DA	300	03.5711.AN	491	03.5917.B1	482	03.6001.18.DA	483
03.4581.GL.1V	237	03.4588.GL.DA	245	03.4983.14	300	03.5711.AS	491	03.5920.14	482	03.6001.B1	483
03.4581.GL.DA	237	03.4589.74	245	03.4983.14.DA	300	03.5711.B3	491	03.5920.18	482	03.6001.B1.DA	483
03.4582.74	238	03.4589.74.1V	245	03.4983.GL	300	03.5712.11	491	03.5920.B1	482	03.6002.14	483
03.4582.74.1V	238	03.4589.74.DA	245	03.4983.GL.DA	301	03.5712.AN	491	03.5921.14	482	03.6002.14.DA	483
03.4582.74.DA	238	03.4589.B1	245	03.4984.06A	301	03.5712.AS	491	03.5921.18	482	03.6002.18	483
03.4582.B1	238	03.4589.B1.1V	245	03.4984.06ADA	301	03.5712.B3	491	03.5921.B1	482	03.6002.B1	483
03.4582.B1.1V	238	03.4589.B1.DA	245	03.4984.14A	301	03.5713.11	491	03.5922.14	482	03.6002.B1.DA	483
03.4582.B1.DA	238	03.4589.BU	245	03.4984.14ADA	301	03.5713.AN	491	03.5922.18	482	03.6002.14.DA	483
03.4582.BU	238	03.4589.BU.1V	245	03.4984.GLA	301	03.5713.AS	491	03.5922.B1	482	03.6003.14	483
03.4582.BU.1V	238	03.4589.BU.DA	245	03.4984.GLADA	301	03.5713.B3	488	03.5923.14	482	03.6003.14.DA	483
03.4582.BU.DA	238	03.4589.CU	245	03.4985.06	301	03.5730.11A	488	03.5923.18	482	03.6003.18	483
03.4582.CU	238	03.4589.CU.1V	245	03.4985.06.DA	301	03.5730.ANA	488	03.5923.B1	482	03.6003.18.DA	483
03.4582.CU.1V	238	03.4589.CU.DA	245	03.4985.14	301	03.5730.ASA	488	03.5924.14	482	03.6003.B1	483
03.4582.CU.DA	238	03.4589.GL	245	03.4985.14.DA	301	03.5730.B3A	488	03.5924.18	482	03.6003.B1.DA	483
03.4582.GL	238	03.4589.GL.1V	245	03.4985.GL	301	03.5731.11A	488	03.5924.B1	482	03.6004.14	483
03.4582.GL.1V	238	03.4589.GL.DA	245	03.4985.GL.DA	301	03.5731.ANA	488	03.5925.14	482	03.6004.14.DA	483
03.4582.GL.DA	238	03.4595.74C	236	03.4986.06A	301	03.5731.ASA	488	03.5925.18	482	03.6004.18	483
03.4583.74	238	03.4595.74C1V	236	03.4986.06ADA	301	03.5731.B3A	488	03.5925.B1	482	03.6004.18.DA	483
03.4583.74.1V	238	03.4595.74CDA	236	03.4986.14A	301	03.5732.11A	488	03.5926.14	482	03.6004.B1	483
03.4583.74.DA	238	03.4595.B1C	236	03.4986.14ADA	301	03.5732.ANA	488	03.5926.18	482	03.6004.B1.DA	483
03.4583.B1	238	03.4595.B1C1V	236	03.4986.GLA	301	03.5732.ASA	488	03.5926.B1	482	03.6005.14	483
03.4583.B1.1V	238	03.4595.B1CDA	236	03.4986.GLADA	301	03.5732.B3A	488	03.5927.14	482	03.6005.14.DA	483
03.4583.B1.DA	238	03.4595.BUC	236	03.4987.06	301	03.5733.11A	488	03.5927.18	482	03.6005.18	483
03.4583.BU	238	03.4595.BUC1V	236	03.4987.06.DA	301	03.5733.ANA	488	03.5927.B1	485	03.6005.18.DA	483
03.4583.BU.1V	238	03.4595.BUCDA	236	03.4987.14	301	03.5733.ASA	488	03.5930.14	485	03.6005.B1	483
03.4583.BU.DA	238	03.4595.CUC	236	03.4987.14.DA	301	03.5733.B3A	490	03.5930.18	485	03.6005.B1.DA	483
03.4583.CU	238	03.4595.CUC1V	236	03.4987.GL	301	03.5800.11	490	03.5930.B1	485	03.6006.14	483
03.4583.CU.1V	238	03.4595.	236	03.4987.GL.DA	302	03.5800.AN	490	03.5931.14	485	03.6006.14.DA	483
03.4583.CU.DA	238	CUCDA	236	03.4988.06A	302	03.5800.AS	490	03.5931.18	485	03.6006.18	483
03.4583.GL	238	03.4595.GLC	236	03.4988.06ADA	302	03.5800.B3	490	03.5931.B1	485	03.6006.18.DA	483
03.4583.GL.1V	238	03.4595.GLC1V	236	03.4989.06	302	03.5811.11	490	03.5932.14	485	03.6006.B1	483
03.4583.GL.DA	238	03.4595.GLCDA	303	03.4989.06.DA	302	03.5801.AN	490	03.5932.18	485	03.6006.B1.DA	483
03.4584.74	241	03.4632.06A	303	03.4990.06A	302	03.5801.AS	490	03.5932.B1	485	03.6007.14	483
03.4584.74.1V	241	03.4632.06A1V	303	03.4990.06ADA	302	03.5801.B3	490	03.5933.14	485	03.6007.14.DA	483
03.4584.74.DA	241	03.4632.06ADA	303	03.4991.06	302	03.5802.11	490	03.5933.18	485	03.6007.18	483
03.4584.B1	241	03.4632.14A	303	03.4991.06.DA	300	03.5802.AN	490	03.5933.B1	485	03.6007.18.DA	483
03.4584.B1.1V	241	03.4632.14A1V	303	03.4992.06A	300	03.5802.AS	490	03.5934.14	485	03.6007.B1	483
03.4584.B1.DA	241	03.4632.14ADA	303	03.4992.06ADA	300	03.5802.B3	490	03.5934.18	485	03.6007.B1.DA	486
03.4584.BU	241	03.4632.GLA	303	03.4992.14A	300	03.5803.11	490	03.5934.B1	485	03.6010.14	486
03.4584.BU.1V	241	03.4632.GLA1V	303	03.4992.14ADA	300	03.5803.AN	490	03.5935.14	485	03.6010.14.DA	486
03.4584.BU.DA	241	03.4632.GLADA	303	03.4992.GLA	300	03.5803.AS	490	03.5935.18	485	03.6010.18	486
03.4584.CU	241	03.4633.06A	303	03.4992.GLADA	300	03.5803.B3	489	03.5936.B1	485	03.6010.18.DA	486
03.4584.CU.1V	241	03.4633.06A1V	303	03.4993.06	300	03.5810.11A	489	03.5936.14	485	03.6010.18.DA	486
03.4584.CU.DA	241	03.4633.06ADA	303	03.4993.06.DA	300	03.5810.ANA	489	03.5936.18	485	03.6010.B1.DA	486
03.4584.GL	241	03.4633.14A	303	03.4993.14	300	03.5810.ASA	489	03.5936.B1	485	03.6011.14	486
03.4584.GL.1V	241	03.4633.14A1V	303	03.4993.14.DA	300	03.5810.B3A	489	03.5937.14	485	03.6011.14.DA	486
03.4584.GL.DA	241	03.4633.14ADA	303	03.4993.GL	300	03.5811.11A	489	03.5937.18	485	03.6011.18	486
03.4585.74	241	03.4633.GLA	303	03.4993.GL.DA	300	03.5811.ANA	489	03.5937.B1	484	03.6011.18.DA	486
03.4585.74.1V	241	03.4633.GLA1V	303	03.4994.06A	300	03.5811.ASA	489	03.5940.14	484	03.6011.B1	486
03.4585.74.DA	241	03.4633.GLADA	304	03.4994.06ADA	300	03.5811.B3A	489	03.5940.18	484	03.6011.B1.DA	486
03.4585.B1	241	03.4682.06A	304	03.4994.14A	300	03.5812.11A	489	03.5940.B1	484	03.6012.14	486
03.4585.B1.1V	241	03.4682.06A1V	304	03.4994.14ADA	300	03.5812.ANA	489	03.5941.14	484	03.6012.14.DA	486
03.4585.B1.DA	241	03.4682.06ADA	304	03.4994.14A	300	03.5812.ASA	489	03.5941.18	484	03.6012.18	486
03.4585.BU	241	03.4682.14A	304	03.4994.GLADA	300	03.5812.B3A	489	03.5941.B1	484	03.6012.18.DA	486
03.4585.BU.1V	241	03.4682.14A1V	304	03.4995.06	300	03.5813.11A	489	03.5942.14	484	03.6012.B1	486
03.4585.BU.DA	241	03.4682.14ADA	304	03.4995.06.DA	300	03.5813.ANA	489	03.5942.18	484	03.6012.B1.DA	486
03.4585.CU	241	03.4682.GLA	304	03.4995.14	300	03.5813.ASA	489	03.5942.B1	484	03.6013.14	486
03.4585.CU.1V	241	03.4682.GLA1V	304	03.4995.14A	300	03.5813.B3A	483	03.5943.14	484	03.6013.14.DA	486
03.4585.CU.DA	241	03.4682.GLADA	304	03.4995.GL	300	03.5900.14	483	03.5943.18	484	03.6013.18	486
03.4585.GL	241	03.4683.06A	304	03.4995.GL.DA	301	03.5900.18	483	03.5943.B1	484	03.6013.18.DA	486
03.4585.GL.1V	241	03.4683.06A1V	304	03.4996.06A	301	03.5900.B1	483	03.5944.14	484	03.6013.B1	486
03.4585.GL.DA	241	03.4683.06ADA	304	03.4996.06ADA	301	03.5901.14	483	03.5944.18	484	03.6013.B1.DA	486
03.4586.74	243	03.4683.14A	304	03.4996.14.ADA	301	03.5901.18	483	03.5944.B1	484	03.6014.14	486
03.4586.74.1V	243	03.4683.14A1V	304	03.4996.14A	301	03.5901.B1	483	03.5945.14	484	03.6014.14.DA	486
03.4586.74.DA	243	03.4683.14ADA	304	03.4996.GLA	301	03.5902.14	483	03.5945.18	484	03.6014.18	486
03.4586.B1	243	03.4683.GLA	304	03.4996.GLADA	301	03					

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Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page
03.6020.14.DA	482	03.6041.B1.DA	484	03.6174.14A	435	03.6507.40ADA	292	03.6572.14.DA	296	03.6621.40.DA	316
03.6020.18	482	03.6042.14	484	03.6174.30A	435	03.6509.14A	292	03.6572.40	296	03.6622.14	316
03.6020.18.DA	482	03.6042.14.DA	484	03.6174.GNA	75	03.6509.14ADA	292	03.6572.40.DA	296	03.6622.14.DA	316
03.6020.B1	482	03.6042.18	484	03.6260.14.DA	75	03.6509.40A	292	03.6573.14	296	03.6622.40	316
03.6020.B1.DA	482	03.6042.18.DA	484	03.6260.14B	75	03.6509.40ADA	292	03.6573.14.DA	296	03.6622.40.DA	316
03.6021.14	482	03.6042.B1	484	03.6261.14.DA	75	03.6510.14A	292	03.6573.40	296	03.6623.14	316
03.6021.14.DA	482	03.6042.B1.DA	484	03.6261.14B	75	03.6510.14ADA	292	03.6573.40.DA	296	03.6623.14.DA	316
03.6021.18	482	03.6043.14	484	03.6262.14.DA	75	03.6510.40A	292	03.6574.14A	295	03.6623.40	316
03.6021.18.DA	482	03.6043.14.DA	484	03.6262.14B	75	03.6510.40ADA	294	03.6574.14ADA	295	03.6623.40.DA	316
03.6021.B1	482	03.6043.18	484	03.6263.14.DA	75	03.6512.14A	294	03.6574.40A	295	03.6625.06	315
03.6021.B1.DA	482	03.6043.18.DA	484	03.6263.14B	75	03.6512.14ADA	294	03.6574.40ADA	295	03.6625.06.DA	315
03.6022.14	482	03.6043.B1	484	03.6272.06C	75	03.6512.40A	294	03.6575.14A	295	03.6625.40	315
03.6022.14.DA	482	03.6043.B1.DA	484	03.6272.06CDA	75	03.6512.40ADA	294	03.6575.14ADA	295	03.6625.40.DA	315
03.6022.18	482	03.6044.14	484	03.6272.14C	75	03.6514.14A	294	03.6575.40A	295	03.6626.06	315
03.6022.18.DA	482	03.6044.14.DA	484	03.6272.14CDA	75	03.6514.14ADA	294	03.6575.40ADA	295	03.6626.06.DA	315
03.6022.B1	482	03.6044.18	484	03.6272.30C	75	03.6514.40A	294	03.6576.14	295	03.6626.40	315
03.6022.B1.DA	482	03.6044.18.DA	484	03.6272.30CDA	75	03.6514.40ADA	293	03.6576.14.DA	295	03.6626.40.DA	317
03.6023.14	482	03.6044.B1	484	03.6273.06C	75	03.6520.14A	293	03.6576.40	295	03.6628.06	317
03.6023.14.DA	482	03.6044.B1.DA	484	03.6273.06CDA	75	03.6520.14ADA	293	03.6576.40.DA	295	03.6628.06.DA	317
03.6023.18	482	03.6045.14	484	03.6273.14C	75	03.6520.40A	293	03.6577.14	295	03.6628.40	317
03.6023.18.DA	482	03.6045.14.DA	484	03.6273.14CDA	75	03.6520.40ADA	293	03.6577.14.DA	295	03.6628.40.DA	317
03.6023.B1	482	03.6045.18	484	03.6273.30C	75	03.6521.14A	293	03.6577.40	295	03.6629.06	317
03.6023.B1.DA	482	03.6045.18.DA	484	03.6273.30CDA	76	03.6521.14ADA	293	03.6577.40.DA	297	03.6629.06.DA	317
03.6024.14	482	03.6045.B1	484	03.6274.14A	76	03.6521.40A	293	03.6578.14A	297	03.6629.40	317
03.6024.14.DA	482	03.6045.B1.DA	484	03.6274.14ADA	76	03.6521.40ADA	293	03.6578.14ADA	297	03.6629.40.DA	320
03.6024.18	482	03.6046.14	484	03.6274.40A	76	03.6523.14A	293	03.6578.40A	297	03.6800.14A	320
03.6024.18.DA	482	03.6046.14.DA	484	03.6274.40ADA	76	03.6523.14ADA	293	03.6578.40ADA	297	03.6800.14ADA	320
03.6024.B1	482	03.6046.18	484	03.6275.14A	76	03.6523.40A	293	03.6579.14	297	03.6800.40A	320
03.6024.B1.DA	482	03.6046.18.DA	484	03.6275.14ADA	76	03.6523.40ADA	293	03.6579.14.DA	297	03.6800.40ADA	320
03.6025.14	482	03.6046.B1	484	03.6275.40A	76	03.6524.14A	293	03.6579.40	297	03.6801.14A	320
03.6025.14.DA	482	03.6046.B1.DA	484	03.6275.40ADA	76	03.6524.14ADA	293	03.6579.40.DA	294	03.6801.14ADA	320
03.6025.18	482	03.6047.14	484	03.6277.14A	76	03.6524.40A	293	03.6580.14	294	03.6801.40A	320
03.6025.18.DA	482	03.6047.14.DA	484	03.6277.14ADA	76	03.6524.40ADA	292	03.6580.40	294	03.6801.40ADA	320
03.6025.B1	482	03.6047.18	484	03.6277.40A	76	03.6526.14A	292	03.6581.14	294	03.6802.14A	320
03.6025.B1.DA	482	03.6047.18.DA	484	03.6277.40ADA	76	03.6526.14ADA	292	03.6581.40	316	03.6802.14ADA	320
03.6026.14	482	03.6047.B1	484	03.6278.14A	76	03.6526.40A	292	03.6603.14	316	03.6802.40A	320
03.6026.14.DA	482	03.6047.B1.DA	487	03.6278.14ADA	76	03.6526.40ADA	292	03.6603.14.DA	316	03.6802.40ADA	319
03.6026.18	482	03.6050.14	487	03.6278.40A	76	03.6527.14A	292	03.6603.40	316	03.6803.14A	319
03.6026.18.DA	482	03.6050.14.DA	487	03.6278.40ADA	71	03.6527.14ADA	292	03.6603.40.DA	316	03.6803.14ADA	319
03.6026.B1	482	03.6050.18	487	03.6284.14	71	03.6527.40A	292	03.6604.14	316	03.6803.40A	319
03.6026.B1.DA	482	03.6050.18.DA	487	03.6284.14ADA	71	03.6527.40ADA	292	03.6604.14.DA	316	03.6803.40ADA	319
03.6027.14	482	03.6050.B1	487	03.6284.40	71	03.6529.14A	292	03.6604.40	316	03.6804.14A	319
03.6027.14.DA	482	03.6050.B1.DA	487	03.6284.40ADA	71	03.6529.14ADA	292	03.6604.40.DA	316	03.6804.14ADA	319
03.6027.18	482	03.6051.14	487	03.6285.14	71	03.6529.40A	292	03.6605.14	316	03.6804.40A	319
03.6027.18.DA	482	03.6051.14.DA	487	03.6285.14ADA	71	03.6529.40ADA	292	03.6605.14.DA	316	03.6804.40ADA	319
03.6027.B1	482	03.6051.18	487	03.6285.40	71	03.6530.14A	292	03.6605.40	316	03.6805.14A	319
03.6027.B1.DA	485	03.6051.18.DA	487	03.6285.40ADA	71	03.6530.14ADA	292	03.6605.40.DA	316	03.6805.14ADA	319
03.6030.14	485	03.6051.B1	487	03.6286.14	71	03.6530.40A	292	03.6606.14	316	03.6805.40A	319
03.6030.14.DA	485	03.6051.B1.DA	487	03.6286.14ADA	71	03.6530.40ADA	294	03.6606.14.DA	316	03.6805.40ADA	319
03.6030.18	485	03.6052.14	487	03.6286.40	71	03.6532.14A	294	03.6606.40	316	03.6806.14A	319
03.6030.18.DA	485	03.6052.14.DA	487	03.6286.40ADA	71	03.6532.14ADA	294	03.6606.40.DA	316	03.6806.14ADA	319
03.6030.B1	485	03.6052.18	487	03.6287.14	71	03.6532.40A	294	03.6607.14	316	03.6806.40A	319
03.6030.B1.DA	485	03.6052.18.DA	487	03.6287.14ADA	71	03.6532.40ADA	294	03.6607.14.DA	316	03.6806.40ADA	319
03.6031.14	485	03.6052.B1	487	03.6287.40	71	03.6534.14A	294	03.6607.40	316	03.6807.14A	319
03.6031.14.DA	485	03.6052.B1.DA	487	03.6287.40ADA	74	03.6534.14ADA	294	03.6607.40.DA	316	03.6807.14ADA	319
03.6031.18	485	03.6053.14	487	03.6295.14	74	03.6534.40A	294	03.6608.14	316	03.6807.40A	319
03.6031.18.DA	485	03.6053.14.DA	487	03.6295.14ADA	74	03.6534.40ADA	296	03.6608.14.DA	316	03.6807.40ADA	319
03.6031.B1	485	03.6053.18	487	03.6296.14	74	03.6560.14A	296	03.6608.40	316	03.6808.14A	319
03.6031.B1.DA	485	03.6053.18.DA	487	03.6296.14ADA	74	03.6560.14ADA	296	03.6608.40.DA	315	03.6808.14ADA	319
03.6032.14	485	03.6053.B1	487	03.6297.14	74	03.6560.40A	296	03.6610.1B	315	03.6808.40A	319
03.6032.14.DA	485	03.6053.B1.DA	487	03.6297.14ADA	74	03.6560.40ADA	296	03.6610.1B.DA	315	03.6808.40ADA	318
03.6032.18	485	03.6054.14	487	03.6298.14	74	03.6561.14A	296	03.6610.1C	315	03.6809.1BA	318
03.6032.18.DA	485	03.6054.14.DA	487	03.6298.14ADA	69	03.6561.14ADA	296	03.6610.1C.DA	315	03.6809.1BADA	318
03.6032.B1	485	03.6054.18	487	03.6302.14A	69	03.6561.40A	296	03.6610.3B	315	03.6809.1CA	318
03.6032.B1.DA	485	03.6054.18.DA	487	03.6302.14ADA	69	03.6561.40ADA	296	03.6610.3B.DA	315	03.6809.1CADA	318
03.6033.14	485	03.6054.B1	487	03.6303.14A	69	03.6562.14	296	03.6610.3C	315	03.6809.3BA	318
03.6033.14.DA	485	03.6054.B1.DA	487	03.6303.14ADA	70	03.6562.14.DA	296	03.6610.3C.DA	315	03.6809.3BADA	318
03.6033.18	485	03.6055.14	487	03.6305.14	70	03.6562.40	296	03.6611.1B	315	03.6809.3CA	318
03.6033.18.DA	485	03.6055.14.DA	487	03.6305.14ADA	70	03.6562.40.DA	296	03.6611.1B.DA	315	03.6809.3CADA	318
03.6033.B1	485	03.6055.18	487	03.6306.14	70	03.6563.14	296	03.6611.1C	315	03.6810.1BA	318
03.6033.B1.DA	485	03.6055.18.DA	487	03.6306.14ADA	337	03.6563.14.DA	296	03.6611.1C.DA	315	03.6810.1BADA	318
03.6034.14	485	03.6055.B1	487	03.6415.05B	337	03.6563.40	296	03.6611.3B	315	03.6810.1CA	318
03.6034.14.DA	485	03.6055.B1.DA	487	03.6415.14A	337	03.6563.40.DA	295	03.6611.3B.DA	315	03.6810.1CADA	318
03.6034.18	485	03.6056.14	487	03.6415.40B	337	03.6564.14A	295	03.6611.3C	315	03.6810.3BA	318
03.6034.18.DA	485	03.6056.14.DA	487	03.6416.05B	337	03.6564.14ADA	295	03.6611.3C.DA	317	03.6810.3BADA	318
03.6034.B1	485	03.6056.18	487	03.6416.14B	337	03.6564.40A	295	03.6613.1B	317	03.6810.3CA	318
03.6034.B1.DA	485	03.6056.18.DA	487	03.6416.40B	337	03.6564.40ADA	295	03.6613.1B.DA	317	03.6810.3CADA	318
03.6035.14	485	03.6056.B1	487	03.6417.05B	337	03.6565.14A	295	03.6613.1C	317	03.6811.1BA	318
03.6035.14.DA	485	03.6056.B1.DA	487	03.6417.14B	337	03.6565.14ADA	295	03.6613.1C.DA	317	03.6811.1BADA	318
03.6035.18	485	03.6057.14	487	03.6417.40B	337	03.6565.40A	295	03.6613.3B	317	03.6811.1CA	318
03.6035.18.DA	485	03.6057.14.DA	487	03.6418.05B	337	03.6565.40ADA	295	03.6613.3B.DA	317	03.6811.1CADA	318
03.6035.B1	485	03.6057.18	487	03.6418.14B	337	03.6566.14	295	03.6613.3C	317	03.6811.3BA	318
03.6035.B1.DA	485	03.6057.18.DA	487	03.6418.40B	293	03.6566.14.DA	295	03.6613.3C.DA	317</		

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03.6814.3BADA	321	03.7306.40ADA	157	03.7351.14ADA	165	03.7377.40ADA	171	03.8033.05.DA	91	03.8053.05.1V	92
03.6814.3CA	321	03.7307.14A	157	03.7351.40A	165	03.7378.14A	171	03.8033.14	28	03.8053.05.DA	29
03.6814.3CADA	321	03.7307.14ADA	157	03.7351.40ADA	165	03.7378.14ADA	171	03.8033.14	91	03.8053.05.DA	92
03.6815.14A	320	03.7307.40A	157	03.7352.14A	165	03.7378.40A	171	03.8033.14.1V	28	03.8053.14	29
03.6815.14ADA	320	03.7307.40ADA	157	03.7352.14ADA	165	03.7378.40ADA	171	03.8033.14.1V	91	03.8053.14	92
03.6815.40A	320	03.7308.14A	159	03.7352.40A	165	03.7379.14A	171	03.8033.14.DA	28	03.8053.14.1V	29
03.6815.40ADA	320	03.7308.14ADA	159	03.7352.40ADA	165	03.7379.14ADA	171	03.8033.14.DA	91	03.8053.14.1V	92
03.6816.14.ADA	320	03.7308.40A	159	03.7353.14A	165	03.7379.40A	171	03.8033.40	28	03.8053.14.DA	29
03.6816.14A	320	03.7308.40ADA	159	03.7353.14ADA	165	03.7379.40ADA	171	03.8033.40	91	03.8053.14.DA	92
03.6816.40A	320	03.7309.14A	159	03.7353.40A	165	03.7380.14A	171	03.8033.40.1V	28	03.8053.40	29
03.6816.40ADA	320	03.7309.14ADA	159	03.7353.40ADA	165	03.7380.14ADA	171	03.8033.40.1V	91	03.8053.40	92
03.6817.14A	320	03.7309.40A	159	03.7354.14A	165	03.7380.40A	171	03.8033.40.DA	28	03.8053.40.1V	29
03.6817.14ADA	320	03.7309.40ADA	159	03.7354.14ADA	165	03.7380.40ADA	171	03.8033.40.DA	91	03.8053.40.1V	92
03.6817.40A	320	03.7310.14A	159	03.7354.40A	165	03.7381.40A	171	03.8042.05	28	03.8053.40.DA	29
03.6817.40ADA	320	03.7310.14ADA	159	03.7354.40ADA	165	03.7381.40ADA	171	03.8042.05	91	03.8053.40.DA	92
03.6818.14A	319	03.7310.40A	159	03.7355.14A	165	03.7381.40A	171	03.8042.05.1V	28	03.8054.05	29
03.6818.14ADA	319	03.7310.40ADA	159	03.7355.14ADA	165	03.7381.40ADA	171	03.8042.05.1V	91	03.8054.05	92
03.6818.40A	319	03.7311.14A	159	03.7355.40A	165	03.8000.14	90	03.8042.05.DA	28	03.8054.05.1V	29
03.6818.40ADA	319	03.7311.14ADA	159	03.7355.40ADA	165	03.8000.14.1V	90	03.8042.05.DA	91	03.8054.05.1V	92
03.6819.14A	319	03.7311.40A	159	03.7356.14A	165	03.8000.14.DA	90	03.8042.14	28	03.8054.05.DA	29
03.6819.14ADA	319	03.7311.40ADA	159	03.7356.14ADA	165	03.8001.14	90	03.8042.14	91	03.8054.05.DA	92
03.6819.40A	319	03.7312.14A	159	03.7356.40A	165	03.8001.14.1V	90	03.8042.14.1V	28	03.8054.14	29
03.6819.40ADA	319	03.7312.14ADA	159	03.7356.40ADA	165	03.8001.14.DA	90	03.8042.14.1V	91	03.8054.14	92
03.6820.14A	319	03.7312.40A	159	03.7357.14A	165	03.8002.14	90	03.8042.14.DA	28	03.8054.14.1V	29
03.6820.14ADA	319	03.7312.40ADA	159	03.7357.14ADA	165	03.8002.14.1V	90	03.8042.14.DA	91	03.8054.14.1V	92
03.6820.40A	319	03.7313.14A	159	03.7357.40A	165	03.8002.14.DA	90	03.8042.40	28	03.8054.14.DA	29
03.6820.40ADA	319	03.7313.14ADA	159	03.7357.40ADA	165	03.8003.14	90	03.8042.40	91	03.8054.14.DA	92
03.6821.14A	319	03.7313.40A	159	03.7358.14A	167	03.8003.14.1V	90	03.8042.40.1V	28	03.8054.40	29
03.6821.14ADA	319	03.7313.40ADA	159	03.7358.14ADA	167	03.8003.14.DA	90	03.8042.40.1V	91	03.8054.40	92
03.6821.40A	319	03.7314.14A	159	03.7358.40A	167	03.8004.14	90	03.8042.40.DA	28	03.8054.40.1V	29
03.6821.40ADA	319	03.7314.14ADA	159	03.7358.40ADA	167	03.8004.14.1V	90	03.8042.40.DA	91	03.8054.40.1V	92
03.6822.14A	319	03.7314.40A	159	03.7359.14A	167	03.8004.14.DA	90	03.8043.05	28	03.8054.40.DA	29
03.6822.14ADA	319	03.7314.40ADA	159	03.7359.14ADA	167	03.8005.14	90	03.8043.05	91	03.8054.40.DA	92
03.6822.40A	319	03.7315.14A	159	03.7359.40A	167	03.8005.14.1V	90	03.8043.05.1V	28	03.8055.05	29
03.6822.40ADA	319	03.7315.14ADA	159	03.7359.40ADA	167	03.8005.14.DA	90	03.8043.05.1V	91	03.8055.05	92
03.6823.14A	319	03.7315.40A	159	03.7360.14A	167	03.8006.14	90	03.8043.05.DA	28	03.8055.05.1V	29
03.6823.14ADA	319	03.7315.40ADA	159	03.7360.14ADA	167	03.8006.14.1V	90	03.8043.05.DA	91	03.8055.05.1V	92
03.6823.40A	319	03.7316.14A	161	03.7360.40A	167	03.8006.14.DA	90	03.8043.14	28	03.8055.05.DA	29
03.6823.40ADA	319	03.7316.14ADA	161	03.7360.40ADA	167	03.8007.14	90	03.8043.14	91	03.8055.05.DA	92
03.6824.06A	318	03.7316.40A	161	03.7361.14A	167	03.8007.14.1V	90	03.8043.14.1V	28	03.8055.14	29
03.6824.06ADA	318	03.7316.40ADA	161	03.7361.14ADA	167	03.8007.14.DA	90	03.8043.14.1V	91	03.8055.14	92
03.6824.40A	318	03.7317.14A	161	03.7361.40A	167	03.8008.14	90	03.8043.14.DA	28	03.8055.14.1V	29
03.6824.40ADA	318	03.7317.14ADA	161	03.7361.40ADA	167	03.8008.14.1V	90	03.8043.14.DA	91	03.8055.14.1V	92
03.6825.06A	318	03.7317.40A	161	03.7362.14A	167	03.8008.14.DA	90	03.8043.40	28	03.8055.14.DA	29
03.6825.06ADA	318	03.7317.40ADA	161	03.7362.14ADA	167	03.8009.14	90	03.8043.40	91	03.8055.14.DA	92
03.6825.40A	318	03.7318.14A	161	03.7362.40A	167	03.8009.14.1V	90	03.8043.40.1V	28	03.8055.40	29
03.6825.40ADA	318	03.7318.14ADA	161	03.7362.40ADA	167	03.8009.14.DA	90	03.8043.40.1V	91	03.8055.40	92
03.6826.06A	318	03.7318.40A	161	03.7363.14A	167	03.8025.05	95	03.8043.40.DA	28	03.8055.40.1V	29
03.6826.06ADA	318	03.7318.40ADA	161	03.7363.14ADA	167	03.8025.05.1V	95	03.8043.40.DA	91	03.8055.40.1V	92
03.6826.40A	318	03.7319.14A	161	03.7363.40A	167	03.8025.05.DA	95	03.8044.05	28	03.8055.40.DA	29
03.6826.40ADA	318	03.7319.14ADA	161	03.7363.40ADA	167	03.8025.14	95	03.8044.05	91	03.8055.40.DA	92
03.6827.06A	321	03.7319.40A	161	03.7364.14A	167	03.8025.14.1V	95	03.8044.05.1V	28	03.8072.05	31
03.6827.06ADA	321	03.7319.40ADA	161	03.7364.14ADA	167	03.8025.14.DA	95	03.8044.05.1V	91	03.8072.05	94
03.6827.40A	321	03.7320.14A	161	03.7364.40A	167	03.8025.40	95	03.8044.05.DA	28	03.8072.05.1V	31
03.6827.40ADA	321	03.7320.14ADA	161	03.7364.40ADA	167	03.8025.40.1V	95	03.8044.05.DA	91	03.8072.05.1V	94
03.6828.06A	321	03.7320.40A	161	03.7365.14A	167	03.8025.40.DA	95	03.8044.14	28	03.8072.05.DA	31
03.6828.06ADA	321	03.7320.40ADA	161	03.7365.14ADA	167	03.8026.05	95	03.8044.14	91	03.8072.05.DA	94
03.6828.40A	321	03.7321.14A	161	03.7365.40A	167	03.8026.05.1V	95	03.8044.14.1V	28	03.8072.14	31
03.6828.40ADA	321	03.7321.14ADA	161	03.7365.40ADA	167	03.8026.05.DA	95	03.8044.14.1V	91	03.8072.14	94
03.6829.06A	321	03.7321.40A	161	03.7366.14A	169	03.8026.14	95	03.8044.14.DA	28	03.8072.14.1V	31
03.6829.06ADA	321	03.7321.40ADA	161	03.7366.14ADA	169	03.8026.14.1V	95	03.8044.14.DA	91	03.8072.14.1V	94
03.6829.40A	321	03.7322.14A	161	03.7366.40A	169	03.8026.14.DA	95	03.8044.40	28	03.8072.14.DA	31
03.6829.40ADA	321	03.7322.14ADA	161	03.7366.40ADA	169	03.8026.40	95	03.8044.40	91	03.8072.14.DA	94
03.7000.14	68	03.7322.40A	161	03.7367.14A	169	03.8026.40.1V	95	03.8044.40.1V	28	03.8072.40	31
03.7000.14.DA	68	03.7322.40ADA	161	03.7367.14ADA	169	03.8026.40.DA	95	03.8044.40.1V	91	03.8072.40	94
03.7001.14	68	03.7323.14A	161	03.7367.40A	169	03.8027.05	95	03.8044.40.DA	28	03.8072.40.1V	31
03.7001.14.DA	68	03.7323.14ADA	161	03.7367.40ADA	169	03.8027.05.1V	95	03.8044.40.DA	91	03.8072.40.1V	94
03.7002.14	68	03.7323.40A	161	03.7368.14A	169	03.8027.05.DA	95	03.8045.05	28	03.8072.40.DA	31
03.7002.14.DA	68	03.7323.40ADA	161	03.7368.14ADA	169	03.8027.14	95	03.8045.05	91	03.8072.40.DA	94
03.7003.14	68	03.7324.14A	163	03.7368.40A	169	03.8027.14.1V	95	03.8045.05.1V	28	03.8073.05	31
03.7003.14.DA	68	03.7324.14ADA	163	03.7368.40ADA	169	03.8027.14.DA	95	03.8045.05.1V	91	03.8073.05	94
03.7004.14	68	03.7324.40A	163	03.7369.14A	169	03.8027.40	95	03.8045.05.DA	28	03.8073.05.1V	31
03.7004.14.DA	68	03.7324.40ADA	163	03.7369.14ADA	169	03.8027.40.1V	95	03.8045.05.DA	91	03.8073.05.1V	94
03.7005.14	68	03.7325.14A	163	03.7369.40A	169	03.8027.40.DA	95	03.8045.14	28	03.8073.05.DA	31
03.7005.14.DA	68	03.7325.14ADA	163	03.7369.40ADA	169	03.8028.05	95	03.8045.14	91	03.8073.05.DA	94
03.7006.14	68	03.7325.40A	163	03.7370.14A	169	03.8028.05.1V	95	03.8045.14.1V	28	03.8073.14	31
03.7006.14.DA	68	03.7325.40ADA	163	03.7370.14ADA	169	03.8028.05.DA	95	03.8045.14.1V	91	03.8073.14	94
03.7007.14	68	03.7326.14A	163	03.7370.40A	169	03.8028.14	95	03.8045.14.DA	28	03.8073.14.1V	31
03.7007.14.DA	68	03.7326.14ADA	163	03.7370.40ADA	169	03.8028.14.1V	95	03.8045.14.DA	91	03.8073.14.1V	94
03.7300.14A	157	03.7326.40A	163	03.7371.14A	169	03.8028.14.DA	95	03.8045.40	28	03.8073.14.DA	31
03.7300.14ADA	157	03.7326.40ADA	163	03.7371.14ADA	169	03.8028.40	95	03.8045.40	91	03.8073.14.DA	94
03.7300.40A	157	03.7327.14A	163	03.7371.40A	169	03.8028.40.1V	95	03.8045.40.1V	28	03.8073.40	31
03.7300.40ADA	157	03.7327.14ADA	163	03.7371.40ADA	169	03.8028.40.D					

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03.8075.05.1V	31	03.8111.14	27	03.8138.RC.1V	34	03.8302.14A	141	03.8328.40A	147	03.8373.14A	153
03.8075.05.1V	94	03.8111.14.1V	27	03.8138.RC.DA	34	03.8302.14ADA	141	03.8328.40ADA	147	03.8373.14ADA	153
03.8075.05.DA	31	03.8111.14.DA	27	03.8140.14	33	03.8302.40A	141	03.8329.14A	147	03.8373.40A	153
03.8075.05.DA	94	03.8111.40	27	03.8140.14.1V	33	03.8302.40ADA	141	03.8329.14ADA	147	03.8373.40ADA	153
03.8075.14	31	03.8111.40.1V	27	03.8140.14.DA	33	03.8303.14A	141	03.8329.40A	147	03.8374.14A	155
03.8075.14	94	03.8111.40.DA	27	03.8140.40	33	03.8303.14ADA	141	03.8329.40ADA	147	03.8374.14ADA	155
03.8075.14.1V	31	03.8112.14	27	03.8140.40.1V	33	03.8303.40A	141	03.8330.14A	147	03.8374.40A	155
03.8075.14.1V	94	03.8112.14.1V	27	03.8140.40.DA	33	03.8303.40ADA	141	03.8330.14ADA	147	03.8374.40ADA	155
03.8075.14.DA	31	03.8112.14.DA	27	03.8141.14	33	03.8304.14A	141	03.8330.40A	147	03.8375.14A	155
03.8075.14.DA	94	03.8112.40	27	03.8141.14.1V	33	03.8304.14ADA	141	03.8330.40ADA	147	03.8375.14ADA	155
03.8075.40	31	03.8112.40.1V	27	03.8141.14.DA	33	03.8304.40A	141	03.8331.40A	147	03.8375.40A	155
03.8075.40	94	03.8112.40.DA	27	03.8141.40	33	03.8304.40ADA	141	03.8331.14ADA	147	03.8375.40ADA	155
03.8075.40.1V	31	03.8115.14	27	03.8141.40.1V	33	03.8305.14A	141	03.8331.40A	147	03.8376.14A	155
03.8075.40.1V	94	03.8115.14.1V	27	03.8141.40.DA	33	03.8305.14ADA	141	03.8331.40ADA	147	03.8376.14ADA	155
03.8075.40.DA	31	03.8115.14.DA	27	03.8142.14	33	03.8305.40A	141	03.8350.14A	149	03.8376.40A	155
03.8075.40.DA	94	03.8115.40	27	03.8142.14.1V	33	03.8305.40ADA	141	03.8350.14ADA	149	03.8376.40ADA	155
03.8076.05	31	03.8115.40.1V	27	03.8142.14.DA	33	03.8306.14A	141	03.8350.40A	149	03.8377.14A	155
03.8076.05	94	03.8115.40.DA	27	03.8142.40	33	03.8306.14ADA	141	03.8350.40ADA	149	03.8377.14ADA	155
03.8076.05.1V	31	03.8116.14	27	03.8142.40.1V	33	03.8306.40A	141	03.8351.14A	149	03.8377.40A	155
03.8076.05.1V	94	03.8116.14.1V	27	03.8142.40.DA	33	03.8306.40ADA	141	03.8351.14ADA	149	03.8377.40ADA	155
03.8076.05.DA	31	03.8116.14.DA	27	03.8143.14	33	03.8307.14A	141	03.8351.40A	149	03.8378.14A	155
03.8076.05.DA	94	03.8116.40	27	03.8143.14.1V	33	03.8307.14ADA	141	03.8351.40ADA	149	03.8378.14ADA	155
03.8076.14	31	03.8116.40.1V	27	03.8143.14.DA	33	03.8307.40A	141	03.8352.14A	149	03.8378.40A	155
03.8076.14	94	03.8116.40.DA	27	03.8143.40	33	03.8307.40ADA	141	03.8352.14ADA	149	03.8378.40ADA	155
03.8076.14.1V	31	03.8117.14	27	03.8143.40.1V	33	03.8308.14A	143	03.8352.40A	149	03.8379.14A	155
03.8076.14.1V	94	03.8117.14.1V	27	03.8143.40.DA	33	03.8308.14ADA	143	03.8352.40ADA	149	03.8379.14ADA	155
03.8076.14.DA	31	03.8117.14.DA	27	03.8154.14.1V	30	03.8308.40A	143	03.8353.14A	149	03.8379.40A	155
03.8076.14.DA	94	03.8117.40	27	03.8154.05	30	03.8308.40ADA	143	03.8353.14ADA	149	03.8379.40ADA	155
03.8076.40	31	03.8117.40.1V	27	03.8154.05.1V	30	03.8309.14A	143	03.8353.40A	149	03.8380.14A	155
03.8076.40	94	03.8117.40.DA	27	03.8154.05.1V	30	03.8309.14ADA	143	03.8353.40ADA	149	03.8380.14ADA	155
03.8076.40.1V	31	03.8120.14	25	03.8154.05.1V	93	03.8309.40A	143	03.8354.14A	149	03.8380.40A	155
03.8076.40.1V	94	03.8120.40	25	03.8154.05.DA	30	03.8309.40ADA	143	03.8354.14ADA	149	03.8380.40ADA	155
03.8076.40.DA	31	03.8121.14	25	03.8154.05.DA	93	03.8310.14A	143	03.8354.40A	149	03.8381.14A	155
03.8076.40.DA	94	03.8121.40	25	03.8154.14	30	03.8310.14ADA	143	03.8354.40ADA	149	03.8381.14ADA	155
03.8077.05	31	03.8122.14	25	03.8154.14	93	03.8310.40A	143	03.8355.14A	149	03.8381.40A	155
03.8077.05	94	03.8122.40	25	03.8154.14.1V	93	03.8310.40ADA	143	03.8355.14ADA	149	03.8381.40ADA	155
03.8077.05.1V	31	03.8130.00	34	03.8154.14.DA	30	03.8311.14A	143	03.8355.40A	149	03.8600.06A	178
03.8077.05.1V	94	03.8130.00.1V	34	03.8154.14.DA	93	03.8311.14ADA	143	03.8355.40ADA	149	03.8600.06A	178
03.8077.05.DA	31	03.8130.00.DA	34	03.8154.40	30	03.8311.40A	143	03.8356.14A	149	03.8600.40A	178
03.8077.05.DA	94	03.8130.FU	34	03.8154.40	93	03.8311.40ADA	143	03.8356.14ADA	149	03.8600.GLA	178
03.8077.14	31	03.8130.FU.1V	34	03.8154.40.1V	30	03.8312.14A	143	03.8356.40A	149	03.8601.06A	178
03.8077.14	94	03.8130.FU.DA	34	03.8154.40.1V	93	03.8312.14ADA	143	03.8356.40ADA	149	03.8601.06A	178
03.8077.14.1V	31	03.8130.RC	34	03.8154.40.DA	30	03.8312.40A	143	03.8357.14A	149	03.8601.40A	178
03.8077.14.1V	94	03.8130.RC.1V	34	03.8154.40.DA	93	03.8312.40ADA	143	03.8357.14ADA	149	03.8601.40ADA	178
03.8077.14.DA	31	03.8130.RC.DA	34	03.8155.05	30	03.8313.14A	143	03.8357.40A	149	03.8602.06A	179
03.8077.14.DA	94	03.8131.00	34	03.8155.05.1V	93	03.8313.14ADA	143	03.8357.40ADA	149	03.8602.14A	179
03.8077.40	31	03.8131.00.1V	34	03.8155.05.1V	30	03.8313.40A	143	03.8358.14A	151	03.8602.40A	179
03.8077.40	94	03.8131.00.DA	34	03.8155.05.1V	93	03.8313.40ADA	143	03.8358.14ADA	151	03.8602.40A	179
03.8077.40.1V	31	03.8131.FU	34	03.8155.05.DA	30	03.8314.14A	143	03.8358.40A	151	03.8603.06A	178
03.8077.40.1V	94	03.8131.FU.1V	34	03.8155.05.DA	93	03.8314.14ADA	143	03.8358.40ADA	151	03.8603.14A	178
03.8077.40.DA	31	03.8131.FU.DA	34	03.8155.14	30	03.8314.40A	143	03.8359.14A	151	03.8603.40A	178
03.8077.40.DA	94	03.8131.RC	34	03.8155.14	93	03.8314.40ADA	143	03.8359.14ADA	151	03.8603.GLA	178
03.8090.14	96	03.8131.RC.1V	34	03.8155.14.1V	30	03.8315.14A	143	03.8359.40A	151	03.8604.06A	178
03.8090.14.1V	96	03.8131.RC.DA	34	03.8155.14.1V	93	03.8315.14ADA	143	03.8359.40ADA	151	03.8604.14A	178
03.8090.14.DA	96	03.8132.00	34	03.8155.14.DA	30	03.8315.40A	143	03.8360.14A	151	03.8604.40A	178
03.8090.40	96	03.8132.00.1V	34	03.8155.14.DA	93	03.8315.40ADA	143	03.8360.14ADA	151	03.8604.GLA	178
03.8090.40.1V	96	03.8132.00.DA	34	03.8155.40	30	03.8316.14A	145	03.8360.40A	151	03.8605.06A	179
03.8090.40.DA	96	03.8132.FU	34	03.8155.40	93	03.8316.14ADA	145	03.8360.40ADA	151	03.8605.14A	179
03.8091.14	96	03.8132.FU.1V	34	03.8155.40.1V	30	03.8316.40A	145	03.8361.14A	151	03.8605.40A	179
03.8091.14.1V	96	03.8132.FU.DA	34	03.8155.40.1V	93	03.8316.40ADA	145	03.8361.14ADA	151	03.8605.GLA	179
03.8091.14.DA	96	03.8132.RC	34	03.8155.40.DA	30	03.8317.14A	145	03.8361.40A	151	03.8610.06A	178
03.8091.40	96	03.8132.RC.1V	34	03.8155.40.DA	93	03.8317.14ADA	145	03.8361.40ADA	151	03.8610.14A	178
03.8091.40.1V	96	03.8132.RC.DA	34	03.8156.05	30	03.8317.40A	145	03.8362.14A	151	03.8610.40A	178
03.8091.40.DA	96	03.8133.00	34	03.8156.05.1V	93	03.8317.40ADA	145	03.8362.14ADA	151	03.8610.GLA	178
03.8100.14	26	03.8133.00.1V	34	03.8156.05.1V	30	03.8318.14A	145	03.8362.40A	151	03.8611.06A	178
03.8100.14.1V	26	03.8133.00.DA	34	03.8156.05.1V	93	03.8318.14ADA	145	03.8362.40ADA	151	03.8611.14A	178
03.8100.14.DA	26	03.8133.FU	34	03.8156.05.DA	30	03.8318.40A	145	03.8363.14A	151	03.8611.40A	178
03.8100.40	26	03.8133.FU.1V	34	03.8156.05.DA	93	03.8318.40ADA	145	03.8363.14ADA	151	03.8611.GLA	178
03.8100.40.1V	26	03.8133.FU.DA	34	03.8156.14	30	03.8319.14A	145	03.8363.40A	151	03.8612.06A	179
03.8100.40.DA	26	03.8133.RC	34	03.8156.14	93	03.8319.14ADA	145	03.8363.40ADA	151	03.8612.14A	179
03.8101.14	26	03.8133.RC.1V	34	03.8156.14.1V	30	03.8319.40A	145	03.8364.14A	151	03.8612.40A	179
03.8101.14.1V	26	03.8133.RC.DA	34	03.8156.14.1V	93	03.8319.40ADA	145	03.8364.14ADA	151	03.8612.GLA	179
03.8101.14.DA	26	03.8135.00	34	03.8156.14.DA	30	03.8320.14A	145	03.8364.40A	151	03.8613.06A	178
03.8101.40	26	03.8135.00.1V	34	03.8156.14.DA	93	03.8320.14ADA	145	03.8364.40ADA	151	03.8613.14A	178
03.8101.40.1V	26	03.8135.00.DA	34	03.8156.40	30	03.8320.40A	145	03.8365.14A	151	03.8613.40A	178
03.8101.40.DA	26	03.8135.FU	34	03.8156.40	93	03.8320.40ADA	145	03.8365.14ADA	151	03.8613.GLA	178
03.8102.14	26	03.8135.FU.1V	34	03.8156.40.1V	30	03.8321.14A	145	03.8365.40A	151	03.8614.06A	178
03.8102.14.1V	26	03.8135.FU.DA	34	03.8156.40.1V	93	03.8321.14ADA	145	03.8365.40ADA	151	03.8614.14A	178
03.8102.14.DA	26	03.8135.RC	34	03.8156.40.DA	30	03.8321.40A	145	03.8366.14A	153	03.8614.40A	178
03.8102.40	26	03.8135.RC.1V	34	03.8156.40.DA	93	03.8321.40ADA	145	03.8366.14ADA	153	03.8614.GLA	178
03.8102.40.1V	26	03.8135.RC.DA	34	03.8157.05	30	03.8322.14A	145	03.8366.40A	153	03.8615.06A	179
03.8102.40.DA	26	03.8136.00	34	03.8157.05	93	03.8322.14ADA	145	03.8366.40ADA	15		

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03.9338.40A	159	03.9372.14A	162	03.9425.40A	167	03.9458.14ADA	169	03.9626.14ADA	73	03.9728.40ADA	175
03.9338.40ADA	159	03.9372.14ADA	162	03.9425.40ADA	167	03.9458.40A	169	03.9626.40A	73	03.9730.14A	174
03.9340.14A	160	03.9372.40A	162	03.9426.14A	167	03.9458.40ADA	169	03.9626.40ADA	73	03.9730.14ADA	174
03.9340.14ADA	160	03.9372.40ADA	162	03.9426.14ADA	167	03.9460.14A	170	03.9627.14A	73	03.9730.40A	174
03.9340.40A	160	03.9373.14A	162	03.9426.40A	167	03.9460.14ADA	170	03.9627.14ADA	73	03.9730.40ADA	174
03.9340.40ADA	160	03.9373.14ADA	162	03.9426.40ADA	167	03.9460.40A	170	03.9627.40A	73	03.9731.14A	174
03.9341.14A	160	03.9373.40A	162	03.9427.14A	167	03.9460.40ADA	170	03.9627.40ADA	73	03.9731.14ADA	174
03.9341.14ADA	160	03.9373.40ADA	162	03.9427.14ADA	167	03.9461.14A	170	03.9628.14A	73	03.9731.40A	174
03.9341.40A	160	03.9375.14A	163	03.9427.40A	167	03.9461.14ADA	170	03.9628.14ADA	73	03.9731.40ADA	174
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03.9342.14A	160	03.9375.40A	163	03.9428.14ADA	167	03.9461.40ADA	170	03.9628.40ADA	73	03.9732.14ADA	175
03.9342.14ADA	160	03.9375.40ADA	163	03.9428.40A	167	03.9462.14A	170	03.9630.14A	72	03.9732.40A	175
03.9342.40A	160	03.9376.14A	163	03.9428.40ADA	167	03.9462.14ADA	170	03.9630.14ADA	72	03.9732.40ADA	175
03.9342.40ADA	160	03.9376.14ADA	163	03.9430.14A	166	03.9462.40A	170	03.9630.40A	72	03.9733.14A	175
03.9343.14A	160	03.9376.40A	163	03.9430.14ADA	166	03.9462.40ADA	170	03.9630.40ADA	72	03.9733.14ADA	175
03.9343.14ADA	160	03.9376.40ADA	163	03.9430.40A	166	03.9463.14A	170	03.9631.14A	72	03.9733.40A	175
03.9343.40A	160	03.9377.14A	163	03.9430.40ADA	166	03.9463.14ADA	170	03.9631.14ADA	72	03.9733.40ADA	175
03.9343.40ADA	160	03.9377.14ADA	163	03.9431.14A	166	03.9463.40A	170	03.9631.40A	72	03.9735.14A	175
03.9345.14A	161	03.9377.40A	163	03.9431.14ADA	166	03.9463.40ADA	170	03.9631.40ADA	72	03.9735.14ADA	175
03.9345.14ADA	161	03.9377.40ADA	163	03.9431.40A	166	03.9465.14A	171	03.9632.14A	72	03.9735.40A	175
03.9345.40A	161	03.9378.14A	163	03.9431.40ADA	166	03.9465.14ADA	171	03.9632.14ADA	72	03.9735.40ADA	175
03.9345.40ADA	161	03.9378.14A	163	03.9432.14A	166	03.9465.40A	171	03.9632.40A	72	03.9736.14A	175
03.9346.14A	161	03.9378.40A	163	03.9432.14ADA	166	03.9465.40ADA	171	03.9632.40ADA	72	03.9736.14ADA	175
03.9346.14ADA	161	03.9378.40ADA	163	03.9432.40A	166	03.9466.14A	171	03.9633.14A	72	03.9736.40A	175
03.9346.40A	161	03.9400.14A	164	03.9432.40ADA	166	03.9466.14ADA	171	03.9633.14ADA	72	03.9736.40ADA	175
03.9346.40ADA	161	03.9400.14ADA	164	03.9433.14A	166	03.9466.40A	171	03.9633.40A	72	03.9737.14A	175
03.9347.14A	161	03.9400.40A	164	03.9433.14ADA	166	03.9466.40ADA	171	03.9633.40ADA	72	03.9737.14ADA	175
03.9347.14ADA	161	03.9400.40ADA	164	03.9433.40A	166	03.9467.14A	171	03.9635.14A	73	03.9737.40A	175
03.9347.40A	161	03.9401.14A	164	03.9433.40ADA	166	03.9467.14ADA	171	03.9635.40A	73	03.9737.40ADA	175
03.9347.40ADA	161	03.9401.14ADA	164	03.9435.14A	167	03.9467.40A	171	03.9635.40A	73	03.9738.14A	175
03.9348.14A	161	03.9401.40A	164	03.9435.14ADA	167	03.9467.40ADA	171	03.9635.40ADA	73	03.9738.14ADA	175
03.9348.14ADA	161	03.9401.40ADA	164	03.9435.40A	167	03.9468.14A	171	03.9636.14A	73	03.9738.40A	175
03.9348.40A	161	03.9402.14A	164	03.9435.40ADA	167	03.9468.14ADA	171	03.9636.14ADA	73	03.9738.40ADA	175
03.9348.40ADA	161	03.9402.14ADA	164	03.9436.14A	167	03.9468.40A	171	03.9636.40A	73	03.9760.14A	176
03.9350.14A	160	03.9402.40A	164	03.9436.14ADA	167	03.9468.40ADA	171	03.9636.40ADA	73	03.9760.14ADA	176
03.9350.14ADA	160	03.9402.40ADA	164	03.9436.40A	167	03.9470.14A	170	03.9637.14A	73	03.9760.40A	176
03.9350.40A	160	03.9403.14A	164	03.9436.40ADA	167	03.9470.14ADA	170	03.9637.14ADA	73	03.9760.40ADA	176
03.9350.40ADA	160	03.9403.14A	164	03.9437.14A	167	03.9470.40A	170	03.9637.40A	73	03.9761.14A	176
03.9351.14A	160	03.9403.40A	164	03.9437.14ADA	167	03.9470.40ADA	170	03.9637.40ADA	73	03.9761.14ADA	176
03.9351.14ADA	160	03.9403.40ADA	164	03.9437.40A	167	03.9471.14A	170	03.9638.14A	73	03.9761.40A	176
03.9351.40A	160	03.9405.14A	165	03.9437.40ADA	167	03.9471.14ADA	170	03.9638.14ADA	73	03.9761.40ADA	176
03.9351.40ADA	160	03.9405.14ADA	165	03.9438.14A	167	03.9471.40A	170	03.9638.40A	73	03.9762.14A	176
03.9352.14A	160	03.9405.40A	165	03.9438.14ADA	167	03.9471.40ADA	170	03.9638.40ADA	73	03.9762.14ADA	176
03.9352.14ADA	160	03.9405.40ADA	165	03.9438.40A	167	03.9472.14A	170	03.9660.14A	73	03.9762.40A	176
03.9352.40A	160	03.9406.14A	165	03.9438.40ADA	167	03.9472.14ADA	170	03.9660.14ADA	73	03.9762.40ADA	176
03.9352.40ADA	160	03.9406.14ADA	165	03.9440.14A	168	03.9472.40A	170	03.9660.40A	73	03.9763.14A	176
03.9353.14A	160	03.9406.40A	165	03.9440.14ADA	168	03.9472.40ADA	170	03.9660.40ADA	73	03.9763.14ADA	176
03.9353.14ADA	160	03.9406.40ADA	165	03.9440.40A	168	03.9473.14A	170	03.9661.14A	73	03.9763.40A	176
03.9353.40A	160	03.9407.14A	165	03.9440.40ADA	168	03.9473.14ADA	170	03.9661.14ADA	73	03.9763.40ADA	176
03.9353.40ADA	160	03.9407.14ADA	165	03.9441.14A	168	03.9473.40A	170	03.9661.40A	73	03.9764.14A	176
03.9355.14A	161	03.9407.40A	165	03.9441.14ADA	168	03.9473.40ADA	170	03.9661.40ADA	73	03.9764.14ADA	176
03.9355.14ADA	161	03.9407.40ADA	165	03.9441.40A	168	03.9475.14A	171	03.9662.14A	73	03.9764.40A	176
03.9355.40A	161	03.9408.14A	165	03.9441.40ADA	168	03.9475.14ADA	171	03.9662.14ADA	73	03.9764.40ADA	176
03.9355.40ADA	161	03.9408.14A	165	03.9442.14A	168	03.9475.40A	171	03.9662.40A	73	03.9765.14A	176
03.9356.14A	161	03.9408.40A	165	03.9442.14ADA	168	03.9475.40ADA	171	03.9662.40ADA	73	03.9765.14ADA	176
03.9356.14ADA	161	03.9408.40ADA	165	03.9442.40A	168	03.9476.14A	171	03.9663.14A	73	03.9765.40A	176
03.9356.40A	161	03.9410.14A	164	03.9442.40ADA	168	03.9476.14ADA	171	03.9663.14ADA	73	03.9765.40ADA	176
03.9356.40ADA	161	03.9410.14ADA	164	03.9443.14A	168	03.9476.40A	171	03.9663.40A	73	03.9766.14A	176
03.9357.14A	161	03.9410.40A	164	03.9443.14ADA	168	03.9476.40ADA	171	03.9663.40ADA	73	03.9766.14ADA	176
03.9357.14ADA	161	03.9410.40ADA	164	03.9443.40A	168	03.9477.14A	171	03.9664.14A	73	03.9766.40A	176
03.9357.40A	161	03.9411.14A	164	03.9443.40ADA	168	03.9477.14ADA	171	03.9664.14ADA	73	03.9766.40ADA	176
03.9357.40ADA	161	03.9411.14ADA	164	03.9445.14A	169	03.9477.40A	171	03.9664.40A	73	03.9767.14A	176
03.9358.14A	161	03.9411.40A	164	03.9445.14ADA	169	03.9477.40ADA	171	03.9664.40ADA	73	03.9767.14ADA	176
03.9358.14ADA	161	03.9411.40ADA	164	03.9445.40A	169	03.9478.14A	171	03.9665.14A	73	03.9767.40A	176
03.9358.40A	161	03.9412.14A	164	03.9445.40ADA	169	03.9478.14ADA	171	03.9665.14ADA	73	03.9767.40ADA	176
03.9358.40ADA	161	03.9412.14ADA	164	03.9446.14A	169	03.9478.40A	171	03.9665.40A	73	03.9820.14A	174
03.9360.14A	162	03.9412.40A	164	03.9446.14ADA	169	03.9478.40ADA	171	03.9665.40ADA	73	03.9820.14ADA	174
03.9360.14ADA	162	03.9412.40ADA	164	03.9446.40A	169	03.9500.02	504	03.9666.14A	73	03.9820.40A	174
03.9360.40A	162	03.9413.14A	164	03.9446.40ADA	169	03.9500.14	504	03.9666.14ADA	73	03.9820.40ADA	174
03.9360.40ADA	162	03.9413.14ADA	164	03.9447.14A	169	03.9500.40	504	03.9666.40A	73	03.9821.14A	174
03.9361.14A	162	03.9413.40A	164	03.9447.14ADA	169	03.9501.02	504	03.9666.40ADA	73	03.9821.14ADA	174
03.9361.14ADA	162	03.9413.40ADA	164	03.9447.40A	169	03.9501.14	504	03.9667.14A	73	03.9821.40A	174
03.9361.40A	162	03.9415.14A	165	03.9447.40ADA	169	03.9501.40	504	03.9667.14ADA	73	03.9821.40ADA	174
03.9361.40ADA	162	03.9415.14ADA	165	03.9448.14A	169	03.9502.02	504	03.9667.40A	73	03.9822.14A	175
03.9362.14A	162	03.9415.40A	165	03.9448.14ADA	169	03.9502.14	504	03.9667.40ADA	73	03.9822.14ADA	175
03.9362.14ADA	162	03.9415.40ADA	165	03.9448.40A	169	03.9502.40	504	03.9720.14A	174	03.9822.40A	175
03.9362.40A	162	03.9416.14A	165	03.9448.40ADA	169	03.9503.02	504	03.9720.14ADA	174	03.9822.40ADA	175
03.9362.40ADA	162	03.9416.14ADA	165	03.9450.14A	168	03.9503.14	504	03.9720.40A	174	03.9823.14A	175
03.9363.14A	162	03.9416.40A	165	03.9450.14ADA	168	03.9503.40	504	03.9720.40ADA	174	03.9823.14ADA	175
03.9363.14ADA	162	03.9416.40ADA	165	03.9450.40A	168	03.9501.02	504	03.9721.14A	174	03.9823.40A	175
03.9363.40A	162	03.9417.14A	165	03.9450.40ADA	16						

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03.9831.40ADA	174	04.6300.14	373	06.1020.00	611	06.1635.14	63	06.5020.05	84	06.5150.40	25
03.9832.14A	175	04.6300.20	373	06.1022.00	572	06.1635.40	63	06.5020.14	84	06.5151.14	25
03.9832.14ADA	175	04.6301.08	374	06.1022.00	584	06.1638.14	60	06.5020.40	84	06.5151.40	25
03.9832.40A	175	04.6301.14	374	06.1022.00	592	06.1639.14	60	06.5021.05	84	06.5152.14	25
03.9832.40ADA	175	04.6301.20	374	06.1022.00	610	06.1640.14	60	06.5021.14	84	06.5152.40	25
03.9833.14A	175	04.6302.08	375	06.1023.00	572	06.1641.14	60	06.5021.40	84	06.5153.14	25
03.9833.14ADA	175	04.6302.14	375	06.1024.00	573	06.1642.14	60	06.5022.05	84	06.5153.40	25
03.9833.40A	175	04.6302.20	375	06.1025.00	572	06.1643.14	60	06.5022.14	84	06.5155.14	25
03.9833.40ADA	175	04.6305.08	373	06.1026.00	572	06.1644.14	60	06.5022.40	84	06.5155.40	25
03.9835.14A	175	04.6305.14	373	06.1027.00	572	06.1645.14	60	06.5023.05	84	06.5156.14	25
03.9835.14ADA	175	04.6305.20	373	06.1028.00	573	06.1646.14	60	06.5023.14	84	06.5156.40	25
03.9835.40A	175	04.6306.08	374	06.1032.00	197	06.1647.14	60	06.5023.40	84	06.5157.14	25
03.9835.40ADA	175	04.6306.14	374	06.1033.00	197	06.1648.14	60	06.5024.14	84	06.5157.40	25
03.9836.14A	175	04.6306.20	374	06.1034.00	197	06.1650.14	60	06.5024.40	84	06.5158.14	25
03.9836.14ADA	175	04.6307.08	375	06.1049.00	610	06.1651.14	60	06.5025.05	85	06.5158.40	25
03.9836.40A	175	04.6307.14	375	06.1100.00	134	06.1656.14	63	06.5025.14	85	06.5300.14	18
03.9836.40ADA	175	04.6307.20	375	06.1100.40	134	06.1656.40	63	06.5025.40	85	06.5300.1A	18
03.9837.14A	175	04.6330.08B	373	06.1105.00	134	06.1657.14	63	06.5026.05	85	06.5300.40	18
03.9837.14ADA	175	04.6330.14B	373	06.1105.40	134	06.1657.40	63	06.5026.14	85	06.5300.CZ	18
03.9837.40A	175	04.6330.20B	373	06.1110.00	134	06.1800.14	100	06.5026.40	85	06.5301.14	18
03.9837.40ADA	175	04.6333.08B	374	06.1110.40	134	06.1801.14	100	06.5040.14	80	06.5301.1A	18
03.9838.14A	175	04.6333.14B	374	06.1115.00	134	06.1802.14	100	06.5041.14	80	06.5301.40	18
03.9838.14ADA	175	04.6333.20B	374	06.1115.40	134	06.1803.14	100	06.5042.14	80	06.5301.CZ	18
03.9838.40A	175	04.6334.08B	374	06.1120.00	134	06.1804.14	100	06.5043.14	80	06.5302.14	18
03.9838.40ADA	175	04.6334.14B	374	06.1120.40	134	06.1805.14	100	06.5044.14	80	06.5302.1A	18
03.9860.14A	176	04.6334.20B	374	06.1125.00	134	06.1806.14	100	06.5045.14	80	06.5302.40	18
03.9860.14ADA	176	04.6335.08B	374	06.1125.40	134	06.1807.14	100	06.5046.14	80	06.5302.CZ	18
03.9860.40A	176	04.6335.14B	374	06.1130.00	134	06.1808.14	52	06.5047.14	80	06.5303.14	18
03.9860.40ADA	176	04.6335.20B	374	06.1130.40	134	06.1851.14	52	06.5050.14	80	06.5303.1A	18
03.9861.14A	176	04.6336.08B	375	06.1131.00	134	06.1852.14	52	06.5051.14	80	06.5303.40	18
03.9861.14ADA	176	04.6336.14B	375	06.1131.40	134	06.1853.14	52	06.5052.14	80	06.5303.CZ	18
03.9861.40A	176	04.6336.20B	375	06.1132.00	134	06.1860.14	53	06.5053.14	80	06.5304.14	19
03.9861.40ADA	176	04.6337.08B	375	06.1132.40	134	06.1860.40	53	06.5054.14	80	06.5304.1A	19
03.9862.14A	176	04.6337.14B	375	06.1133.00	134	06.1861.14	53	06.5060.05	82	06.5304.40	19
03.9862.14ADA	176	04.6337.20B	375	06.1133.40	134	06.1861.40	53	06.5060.14	82	06.5304.CZ	19
03.9862.40A	176	04.6338.08B	375	06.1134.00	134	06.1862.14	53	06.5060.40	82	06.5305.14	19
03.9862.40ADA	176	04.6338.14B	375	06.1134.40	134	06.1862.40	53	06.5061.05	82	06.5305.1A	19
03.9863.14A	176	04.6338.20B	375	06.1135.00	134	06.1863.14	53	06.5061.14	82	06.5305.40	19
03.9863.14ADA	176	04.6470.08B	366	06.1135.40	134	06.1863.40	53	06.5061.40	82	06.5305.CZ	19
03.9863.40A	176	04.6470.14B	366	06.1140.00	134	06.1870.14	57	06.5062.05	82	06.5306.14	19
03.9863.40ADA	176	04.6470.14BNT	366	06.1141.00A	135	06.1970.14	60	06.5062.14	82	06.5306.1A	19
03.9864.14A	176	04.6470.20B	366	06.1142.00A	135	06.1971.14	61	06.5062.40	82	06.5306.40	19
03.9864.14ADA	176	04.6471.08B	366	06.1600.14	61	06.1971.40	61	06.5063.05	82	06.5306.CZ	19
03.9864.40A	176	04.6471.14B	366	06.1600.40	61	06.1972.14	63	06.5063.14	82	06.5310.14	18
03.9864.40ADA	176	04.6471.14BNT	366	06.1601.14	61	06.1972.40	63	06.5063.40	82	06.5310.1A	18
03.9865.14A	176	04.6471.20B	366	06.1601.40	61	06.1973.14A	62	06.5064.14	82	06.5310.40	18
03.9865.14ADA	176	04.6475.08B	366	06.1602.14	61	06.1973.40A	62	06.5064.40	82	06.5310.CZ	18
03.9865.40A	176	04.6475.14B	366	06.1602.40	61	06.2500.06	38	06.5070.05	84	06.5311.14	18
03.9865.40ADA	176	04.6475.14BNT	366	06.1603.14	61	06.2500.14	38	06.5070.14	84	06.5311.1A	18
03.9866.14A	176	04.6475.20B	366	06.1603.40	61	06.2500.18	38	06.5070.40	84	06.5311.40	18
03.9866.14ADA	176	04.6476.08B	366	06.1604.14	61	06.2500.40	38	06.5071.05	84	06.5311.CZ	18
03.9866.40A	176	04.6476.14B	366	06.1604.40	61	06.2500.40	38	06.5071.14	84	06.5312.14	19
03.9866.40ADA	176	04.6476.14BNT	366	06.1605.14	61	06.2501.06	38	06.5071.40	84	06.5312.1A	19
03.9867.14A	176	04.6476.20B	366	06.1605.40	61	06.2501.14	38	06.5072.05	84	06.5312.40	19
03.9867.14ADA	176	04.6480.08B	367	06.1606.14	61	06.2501.18	38	06.5072.14	84	06.5312.CZ	19
03.9867.40A	176	04.6480.14B	367	06.1606.40	61	06.2501.40	38	06.5072.40	84	06.5313.14	19
03.9867.40ADA	176	04.6480.14BNT	367	06.1607.14	61	06.2501.CZ	38	06.5073.05	84	06.5313.1A	19
03.9900.14A	172	04.6480.20B	367	06.1607.40	61	06.2502.06	38	06.5073.14	84	06.5313.40	19
03.9900.14ADA	172	04.6481.08B	367	06.1608.14	61	06.2502.14	38	06.5073.40	84	06.5313.CZ	19
03.9900.40A	172	04.6481.14B	367	06.1608.40	61	06.2502.18	38	06.5074.14	84	07.5000.14	378
03.9900.40ADA	172	04.6481.14BNT	367	06.1609.14	61	06.2502.40	38	06.5074.40	84	07.9000.01.E3	536
03.9901.14A	172	04.6481.20B	367	06.1609.40	61	06.2502.CZ	38	06.5100.14	24	07.9000.04.E3	536
03.9901.14ADA	172	04.6485.08B	367	06.1610.14	61	06.2505.14	38	06.5100.40	24	07.9000.18.E3	536
03.9901.40A	172	04.6485.14B	367	06.1610.40	61	06.2505.40	38	06.5101.14	24	07.9000.72.E3	536
03.9901.40ADA	172	04.6485.14BNT	367	06.1612.14	61	06.2506.14	38	06.5101.40	24	07.9001.01.E3	536
03.9902.14A	172	04.6485.20B	367	06.1612.40	61	06.2506.40	38	06.5110.14	24	07.9001.04.E3	536
03.9902.14ADA	172	04.6486.08B	367	06.1614.14A	62	06.2507.14	38	06.5110.40	24	07.9001.18.E3	536
03.9902.40A	172	04.6486.14B	367	06.1614.40A	62	06.2507.40	38	06.5111.14	24	07.9001.72.E3	536
03.9902.40ADA	172	04.6486.14BNT	367	06.1615.14A	62	06.2508.14	38	06.5111.40	24	07.9004.01	537
03.9903.14A	172	04.6486.20B	367	06.1615.40A	62	06.2508.40	38	06.5112.14	24	07.9004.04	537
03.9903.14ADA	172	06.0097.00	124	06.1616.14A	62	06.2509.14	38	06.5112.40	24	07.9004.18	537
03.9903.40A	172	06.0098.00	124	06.1616.40A	62	06.2509.40	38	06.5113.14	24	07.9004.72	537
03.9903.40ADA	172	06.0157.00	83	06.1617.14A	62	06.2510.06	42	06.5113.40	24	07.9005.01	537
03.9904.14A	74	06.0157.00	85	06.1617.40A	62	06.2510.14	42	06.5115.14	25	07.9005.04	537
03.9904.14ADA	74	06.0301.00	53	06.1618.14A	62	06.2510.18	42	06.5115.40	25	07.9005.18	537
03.9904.40A	74	06.0302.00	53	06.1618.40A	62	06.2510.40	42	06.5116.14	25	07.9005.72	537
03.9904.40ADA	74	06.0303.00	53	06.1619.14A	62	06.2510.CZ	42	06.5116.40	25	07.9006.01B	536
03.9905.14A	74	06.1003.00	579	06.1619.40A	62	06.2511.06	42	06.5117.14	25	07.9006.04B	536
03.9905.14ADA	74	06.1003.00	592	06.1620.14A	62	06.2511.14	42	06.5117.40	25	07.9006.18B	536
03.9905.40A	74	06.1005.00	579	06.1620.40A	62	06.2511.18	42	06.5118.14	25	07.9006.72B	536
03.9905.40ADA	74	06.1005.00	584	06.1621.14A	62	06.2511.40	42	06.5118.40	25	07.9007.01B	536
04.6001.08	369	06.1005.00	592	06.1621.40A	62	06.2511.CZ	42	06.5120.14	25	07.9007.04B	536
04.6001.08.NT	369	06.1005.00	610	06.1622.14A	62	06.5008.14	81	06.5120.40	25	07.9007.18B	536
04.6001.14	369	06.1011.00	579	06.1622.40A	62	06.5010.05	82	06.5121.14	25	07.9007.72B	536
04.6001.14.NT	369	06.1012.00	579	06.1623.14A	62	06.5010.14	82	06.5121.40	25	07.9260.00	383
04.6001.20	369	06.1012.00	584	06.1623.40A	62	06.5010.40	82	06.5122.14	25	07.9450.11B	494

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07.9502.04B	378	08.0507.40	357	08.8027.08.CL	371	08.8196.14	501	08.8432.00	94	08.8706.14	128
07.9502.55B	378	08.0507.40	359	08.8027.08.DL	371	08.8222.30A	305	08.8432.00	109	08.8706.30	128
07.9502.PBB	378	08.0507.CE	357	08.8027.08.HL	371	08.8229.30A	305	08.8432.00	358	08.8707.14	128
07.9503.04B	378	08.0507.CE	359	08.8027.08.IR	371	08.8230.64.OD	131	08.8432.00	407	08.8707.30	128
07.9503.55B	378	08.0507.TK	359	08.8027.08.ND	371	08.8230.65.OD	131	08.8432.00	479	08.8708.14	128
07.9503.PBB	378	08.0507.TK	357	08.8027.08.RO	371	08.8230.66.OD	131	08.8439.14	100	08.8708.30	128
07.9510.04B	380	08.0508.14	285	08.8027.08.UV	371	08.8230.67.OD	131	08.8450.00	323	08.8709.14	128
07.9510.55B	380	08.0508.40	285	08.8027.14.AC	371	08.8230.69	131	08.8451.00	323	08.8709.30	128
07.9510.PBB	380	08.0508.40.NT	285	08.8027.14.AM	371	08.8230.98.OD	131	08.8452.00	323	08.8710.14	128
07.9511.04B	381	08.0508.CU	285	08.8027.14.AO	371	08.8230.CL	131	08.8453.14	323	08.8710.30	128
07.9511.55B	381	08.0510.00	173	08.8027.14.AL	371	08.8230.DL	131	08.8453.40	323	08.8711.00	128
07.9511.PBB	381	08.0511.00	173	08.8027.14.CL	371	08.8230.ND	131	08.8479.00	282	08.8720.14	128
07.9512.04B	379	08.0512.00	173	08.8027.14.HL	371	08.8232.02	329	08.8491.14	282	08.8720.30	128
07.9512.55B	379	08.0513.00	173	08.8027.14.IR	371	08.8232.02	433	08.8491.30	282	08.8721.14	128
07.9512.PBB	379	08.0515.00	173	08.8027.14.ND	371	08.8232.14	329	08.8491.BU	282	08.8721.30	128
07.9513.04B	380	08.0516.00	173	08.8027.14.RO	371	08.8232.14	433	08.8491.GL	282	08.8759.00	70
07.9513.55B	380	08.0517.00	173	08.8027.14.UV	371	08.8232.30	329	08.8495.14	371	08.8760.00	70
07.9513.PBB	380	08.0518.00	173	08.8027.20.AC	371	08.8232.30	433	08.8495.14	407	08.8761.00	70
07.9515.04B	380	08.0520.02	505	08.8027.20.AM	371	08.8238.14	363	08.8501.64.OD	131	08.8763.14	421
07.9515.55B	380	08.0520.14	505	08.8027.20.AO	371	08.8238.14	501	08.8501.64.OD	439	08.8766.64.OD	421
07.9515.PBB	380	08.0520.40	505	08.8027.20.CL	371	08.8239.00B	305	08.8501.65.OD	131	08.8766.65.OD	421
07.9516.04B	381	08.0521.02	505	08.8027.20.DL	371	08.8240.00B	305	08.8501.65.OD	439	08.8766.66.OD	421
07.9516.55B	381	08.0521.14	505	08.8027.20.HL	371	08.8242.14	323	08.8501.66.OD	131	08.8766.67.OD	421
07.9516.PBB	381	08.0521.40	505	08.8027.20.IR	371	08.8243.00	305	08.8501.66.OD	439	08.8768.14	421
07.9517.04B	379	08.0522.02	505	08.8027.20.ND	371	08.8243.00.1U	305	08.8501.67.OD	131	08.8775.40	517
07.9517.55B	379	08.0522.14	505	08.8027.20.RO	371	08.8243.00.5U	305	08.8501.67.OD	439	08.8780.00	383
07.9517.PBB	379	08.0522.40	505	08.8027.20.UV	371	08.8246.00	537	08.8501.69	131	08.8781.00	383
07.9518.04B	380	08.0523.02	505	08.8029.08	371	08.8250.00	305	08.8501.69	439	08.8782.30	390
07.9518.55B	380	08.0523.14	505	08.8029.14	371	08.8251.00	282	08.8501.CL	131	08.8783.06	390
07.9518.PBB	380	08.0523.40	505	08.8029.20	371	08.8256.00	537	08.8501.CL	439	08.8783.14	390
07.9520.04B	380	08.0524.02	505	08.8030.08	371	08.8261.00	533	08.8501.DL	131	08.8783.30	390
07.9520.55B	380	08.0524.14	505	08.8030.14	371	08.8270.00	607	08.8501.DL	439	08.8865.14A	60
07.9520.PBB	380	08.0524.40	505	08.8030.20	371	08.8270.00	608	08.8501.ND	131	08.8866.14	52
07.9521.04B	381	08.0525.02	505	08.8034.14	335	08.8270.00	608	08.8501.ND	439	08.8866.14	60
07.9521.55B	381	08.0525.14	505	08.8034.14	363	08.8270.00	609	08.8502.14	131	08.8866.14	81
07.9521.PBB	381	08.0525.40	505	08.8034.14	501	08.8270.14	375	08.8502.14	439	08.8867.14	52
07.9522.04B	379	08.0526.00	32	08.8036.14	335	08.8294.00A	572	08.8503.64.OD	371	08.8867.14	60
07.9522.55B	379	08.0526.00	56	08.8036.14	363	08.8296.00A	572	08.8503.65.OD	371	08.8867.14	81
07.9522.PBB	379	08.0526.00	94	08.8036.14	501	08.8297.00	573	08.8503.66.OD	371	08.8883.14A	64
07.9523.04B	380	08.0526.00	109	08.8041.68	297	08.8297.00	580	08.8503.67.OD	371	08.8883.14A	83
07.9523.55B	380	08.0526.00	358	08.8041.68	305	08.8297.00	585	08.8503.69	371	08.8883.14A	85
07.9523.PBB	380	08.0526.00	407	08.8041.68	335	08.8297.00	593	08.8503.CL	371	08.8883.40A	64
07.9525.04A	382	08.0526.00	479	08.8042.64.OD	335	08.8297.00	611	08.8503.DL	371	08.8883.40A	83
07.9525.55A	382	08.0550.00	357	08.8042.65.OD	335	08.8298.00	573	08.8503.ND	371	08.8883.40A	85
07.9525.PBA	382	08.0550.00	358	08.8042.66.OD	335	08.8298.00	580	08.8512.00C	572	08.8886.14	64
07.9526.04A	382	08.0551.00	357	08.8042.67.OD	335	08.8298.00	585	08.8513.00C	572	08.8886.14.DA	64
07.9526.55A	382	08.0551.00	358	08.8042.68	335	08.8298.00	593	08.8523.00	370	08.8886.40	64
07.9526.PBA	382	08.0555.00	357	08.8042.69	335	08.8298.00	611	08.8524.00	370	08.8886.40.DA	64
07.9527.04A	381	08.0555.00	358	08.8042.98.OD	335	08.8306.00	571	08.8525.00	370	08.8887.14A	61
07.9527.55A	381	08.0556.14	357	08.8042.CL	335	08.8307.00	571	08.8526.00	370	08.8887.14A	63
07.9527.PBA	381	08.0556.14	359	08.8042.DL	335	08.8308.00	571	08.8572.14C	192	08.8887.40A	61
07.9528.04A	382	08.0556.40	357	08.8042.ND	335	08.8314.00	571	08.8572.14C	192	08.8887.40A	63
07.9528.55A	382	08.0556.40	359	08.8049.14	323	08.8315.00	571	08.8572.14C	193	08.8889.14	64
07.9528.PBA	382	08.0556.CE	357	08.8080.00	370	08.8316.00	571	08.8572.14C1V	192	08.8889.14	83
07.9630.18	517	08.0556.CE	359	08.8081.00	370	08.8320.00	571	08.8572.14C1V	192	08.8889.14	85
07.9630.18	517	08.0556.TK	359	08.8084.00	370	08.8321.00	571	08.8572.14C1V	193	08.8889.40	64
07.9630.70	516	08.0556.TK	357	08.8085.00	370	08.8322.00	571	08.8572.14CDA	192	08.8889.40	83
07.9630.70	516	08.0557.14	357	08.8118.68	323	08.8330.00	571	08.8572.14CDA	192	08.8889.40	85
07.9630.76	517	08.0557.14	359	08.8119.00	322	08.8356.00	571	08.8572.14CDA	193	08.8914.00	134
07.9630.76	517	08.0557.40	357	08.8137.00	322	08.8359.00	322	08.8573.14C	192	08.8914.40	134
07.9630.7C	517	08.0557.40	359	08.8149.02	328	08.8363.14	131	08.8573.14C	192	08.8915.00	135
07.9630.7C	517	08.0557.CE	357	08.8149.14	328	08.8363.30	131	08.8573.14C	193	08.8930.68	335
07.9630.AN	516	08.0557.CE	359	08.8149.30	328	08.8377.14	323	08.8573.14C1V	192	08.8931.68	335
07.9630.AN	516	08.0557.TK	359	08.8152.00	328	08.8380.14	131	08.8573.14C1V	192	08.8932.64.OD	335
07.9630.AP	516	08.0557.TK	357	08.8155.00	282	08.8380.30	131	08.8573.14C1V	193	08.8932.65.OD	335
07.9630.AP	516	08.0580.00	180	08.8156.00	282	08.8410.00	407	08.8573.14CDA	192	08.8932.66.OD	335
07.9630.CE	517	08.0581.00	180	08.8160.64.OD	329	08.8411.00	407	08.8573.14CDA	192	08.8932.67.OD	335
07.9630.CE	517	08.0582.00	180	08.8160.64.OD	433	08.8412.14	297	08.8573.14CDA	193	08.8932.69	335
07.9641.14A	516	08.0583.00	180	08.8160.65.OD	329	08.8412.14	305	08.8590.06A	576	08.8932.98.OD	335
07.9641.14ADA	516	08.0584.00	180	08.8160.65.OD	433	08.8413.00	322	08.8590.40A	576	08.8932.CL	335
07.9641.14ADP	516	08.0586.00	180	08.8160.66.OD	329	08.8414.00	322	08.8590.AAA	576	08.8932.DL	335
07.9642.14A	516	08.0600.14	83	08.8160.66.OD	433	08.8415.00	322	08.8591.06A	576	08.8932.ND	335
07.9642.14ADA	516	08.0600.40	83	08.8160.67.OD	329	08.8418.68A	76	08.8591.40A	576	08.8933.68	335
07.9642.14ADP	516	08.0610.14	35	08.8160.67.OD	433	08.8418.68A	95	08.8591.AAA	576	08.8974.00	289
08.0030	119	08.0610.14	97	08.8160.68	329	08.8418.68A	337	08.8595.06A	576	08.8975.00	289
08.0031.00	119	08.0610.40	35	08.8160.68	433	08.8419.14A	76	08.8595.40A	576	08.8976.14	289
08.0031.00.DA	119	08.0610.40	97	08.8160.69	329	08.8419.14A	95	08.8595.AAA	576	08.8977.00	289
08.0032.00	24	08.0611.14	80	08.8160.69	433	08.8419.14A	337	08.8596.06A	576	08.8978.00	289
08.0033.00	24	08.0611.14	82	08.8160.98.OD	329	08.8420.00	282	08.8596.40A	576	08.8979.00	289
08.0050.00	76	08.0612.14	80	08.8160.98.OD	433	08.8421.00	282	08.8596.AAA	576	08.8980.14	289
08.0050.00	95	08.0612.14	82	08.8160.CL	329	08.8422.00	529	08.8634.00	83	08.8994.14	309
08.0050.00	337	08.0612.14	85	08.8160.CL	433	08.8423.00	531	08.8634.00	85	08.8994.30	309
08.0052.90	173	08.0613.14	96	08.8160.DL	329	08.8427.14	69	08.8662.14C	192	08.8995.14	311
08.0059.90	173	08.0613.14A	35	08.8160.DL	433	08.8428.00	32	08.8662.14C	192	08.8995.30	311
08.0109.00	119	08.0614.14	80	08.8160.ND	329	08.842					

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08.9056.06	119	09.1630.30CDA	326	09.2162.05A	438	09.2461.14C	426	09.2875.14	417	09.2954.30	411
08.9056.40	119	09.1631.02C	326	09.2162.14A	438	09.2461.30C	426	09.2875.14.DA	417	09.2954.30.DA	411
08.9056.NS	119	09.1631.02C1V	326	09.2162.30A	438	09.2462.02C	426	09.2875.30	417	09.2955.14	411
08.9057.02	119	09.1631.02CDA	326	09.2165.05A	439	09.2462.14C	426	09.2875.30.DA	417	09.2955.14.DA	411
08.9057.06	119	09.1631.14C	326	09.2165.14A	439	09.2462.30C	426	09.2876.14	413	09.2955.30	411
08.9057.40	119	09.1631.14C1V	326	09.2165.30A	439	09.2465.02A	428	09.2876.14.DA	413	09.2955.30.DA	411
08.9057.NS	119	09.1631.14CDA	326	09.2166.05A	439	09.2465.14A	428	09.2876.30	413	09.2956.14	413
08.9058.02	119	09.1631.30C	326	09.2166.14A	439	09.2465.30A	428	09.2876.30.DA	413	09.2956.14.DA	413
08.9058.06	119	09.1631.30C1V	326	09.2166.30A	439	09.2466.02A	428	09.2877.14	413	09.2956.30	413
08.9058.40	119	09.1631.30CDA	326	09.2167.05A	439	09.2466.14A	428	09.2877.14.DA	413	09.2956.30.DA	413
08.9058.NS	119	09.1632.02C	326	09.2167.14A	439	09.2466.30A	428	09.2877.30	413	09.2957.14	413
08.9070.14	52	09.1632.02C1V	326	09.2167.30A	439	09.2467.02A	428	09.2877.30.DA	413	09.2957.14.DA	413
08.9071.14	53	09.1632.02CDA	326	09.2400.02C	425	09.2467.14A	428	09.2878.14	413	09.2957.30	413
08.9071.40	53	09.1632.14C	326	09.2400.14C	425	09.2467.30A	428	09.2878.14.DA	413	09.2957.30.DA	413
08.9074.14	53	09.1632.14C1V	326	09.2400.30C	425	09.2470.02C	430	09.2878.30	413	09.2958.14	413
08.9100.00	283	09.1632.14CDA	326	09.2401.02C	425	09.2470.14A	430	09.2878.30.DA	413	09.2958.14.DA	413
08.9100.00	355	09.1632.30C	326	09.2401.14C	425	09.2470.30C	430	09.2879.14	419	09.2958.30	413
08.9101.00	283	09.1632.30C1V	326	09.2401.30C	425	09.2471.02C	430	09.2879.14.DA	419	09.2958.30.DA	413
08.9101.00	283	09.1632.30CDA	326	09.2402.02C	425	09.2471.14C	430	09.2879.30	419	09.2959.14	419
08.9101.00	355	09.1635.02C	326	09.2402.14C	425	09.2471.30C	430	09.2879.30.DA	419	09.2959.14.DA	419
08.9102.00	283	09.1635.02C1V	326	09.2402.30C	425	09.2472.02C	430	09.2880.14	419	09.2959.30	419
08.9102.00	355	09.1635.02CDA	326	09.2405.02A	427	09.2472.14C	430	09.2880.14.DA	419	09.2959.30.DA	419
08.9103.00	283	09.1635.14C	326	09.2405.14A	427	09.2472.30C	430	09.2880.30	419	09.2960.14	419
08.9103.00	355	09.1635.14C1V	326	09.2405.30A	427	09.2475.02A	432	09.2880.30.DA	419	09.2960.14.DA	419
08.9104.00	283	09.1635.14CDA	326	09.2406.02A	427	09.2475.14A	432	09.2881.14	419	09.2960.30	419
08.9105.00	355	09.1635.30C	326	09.2406.14A	427	09.2475.30A	432	09.2881.14.DA	419	09.2960.30.DA	419
08.9107.00	109	09.1635.30C1V	326	09.2406.30A	427	09.2476.02A	432	09.2881.30	419	09.2961.14	419
08.9107.00	479	09.1635.30CDA	326	09.2407.02A	427	09.2476.14A	432	09.2881.30.DA	419	09.2961.14.DA	419
08.9108.00	109	09.1636.02C	326	09.2407.14A	427	09.2476.30A	432	09.2882.14	420	09.2961.30	419
08.9108.00	479	09.1636.02C1V	326	09.2407.30A	427	09.2477.02A	432	09.2882.14.DA	420	09.2961.30.DA	419
08.9109.00	109	09.1636.02CDA	326	09.2410.02C	425	09.2477.14A	432	09.2882.30	420	09.2962.14	420
08.9109.00	479	09.1636.14C	326	09.2410.14C	425	09.2477.30A	432	09.2882.30.DA	420	09.2962.14.DA	420
08.9110.00	109	09.1636.14C1V	326	09.2410.30C	425	09.2480.02C	430	09.2883.14	420	09.2962.30	420
08.9110.00	479	09.1636.14CDA	326	09.2411.02C	425	09.2480.14C	430	09.2883.14.DA	420	09.2962.30.DA	420
08.9111.00	109	09.1636.30C	326	09.2411.14C	425	09.2480.30C	430	09.2883.30	420	09.2963.14	420
08.9111.00	479	09.1636.30C1V	326	09.2411.30C	425	09.2481.02C	430	09.2883.30.DA	420	09.2963.14.DA	420
09.0045.29B	521	09.1636.30CDA	326	09.2412.02C	425	09.2481.14C	430	09.2884.14	420	09.2963.30	420
09.0045.30B	521	09.1637.02C	326	09.2412.14C	425	09.2481.30C	430	09.2884.14.DA	420	09.2963.30.DA	420
09.0045.BZB	521	09.1637.02C1V	326	09.2412.30C	425	09.2482.02C	430	09.2884.30	420	09.2964.14	420
09.0100.29B	521	09.1637.02CDA	326	09.2415.02A	427	09.2482.14C	430	09.2884.30.DA	420	09.2964.14.DA	420
09.0100.30B	521	09.1637.14C	326	09.2415.14A	427	09.2482.30C	430	09.2885.14	414	09.2964.30	420
09.0100.BZB	521	09.1637.14C1V	326	09.2415.30A	427	09.2485.02A	432	09.2885.14.DA	414	09.2964.30.DA	420
09.0101.29B	521	09.1637.14CDA	326	09.2416.02A	427	09.2485.14A	432	09.2885.30	414	09.2965.14	411
09.0101.30B	521	09.1637.30C	326	09.2416.14A	427	09.2485.30A	432	09.2885.30.DA	414	09.2965.14.DA	411
09.0101.BZB	521	09.1637.30C1V	326	09.2416.30A	427	09.2486.02A	432	09.2886.14	414	09.2965.30	411
09.0102.29B	521	09.1637.30CDA	326	09.2417.02A	427	09.2486.14A	432	09.2886.14.DA	414	09.2965.30.DA	411
09.0102.30B	521	09.1640.02A	327	09.2417.14A	427	09.2486.30A	432	09.2886.30	414	09.2966.14	411
09.0102.BZB	521	09.1640.14A	327	09.2417.30A	427	09.2487.02A	432	09.2886.30.DA	414	09.2966.14.DA	411
09.0103.29B	521	09.1640.30A	327	09.2420.02C	429	09.2487.14A	432	09.2887.14	414	09.2966.30	411
09.0103.30B	521	09.1641.02A	327	09.2420.14C	429	09.2487.30A	432	09.2887.14.DA	414	09.2966.30.DA	411
09.0103.BZB	521	09.1641.14A	327	09.2420.30C	429	09.2570.02A	424	09.2887.30	414	09.2967.14	411
09.0104.29B	521	09.1641.30A	327	09.2421.02C	429	09.2570.14A	424	09.2887.30.DA	414	09.2967.14.DA	411
09.0104.30B	521	09.1642.02A	327	09.2421.14C	429	09.2570.30A	424	09.2888.14	410	09.2967.30	411
09.0104.BZB	521	09.1642.14A	327	09.2421.30C	429	09.2571.02A	424	09.2888.14.DA	410	09.2967.30.DA	411
09.0120.29B	521	09.1642.30A	327	09.2422.02C	429	09.2571.14A	424	09.2888.30	410	09.2968.14	413
09.0120.30B	521	09.1645.02A	327	09.2422.14C	429	09.2571.30A	424	09.2888.30.DA	410	09.2968.14.DA	413
09.0120.BZB	521	09.1645.14A	327	09.2422.30C	429	09.2575.02A	424	09.2889.14	410	09.2968.30	413
09.0203.14	130	09.1645.30A	327	09.2425.02A	431	09.2575.14A	424	09.2889.14.DA	410	09.2968.30.DA	413
09.0203.30	130	09.1646.02A	327	09.2425.14A	431	09.2575.30A	424	09.2889.30	410	09.2969.14	413
09.0211.14A	129	09.1646.14A	327	09.2425.30A	431	09.2576.02A	424	09.2889.30.DA	410	09.2969.14.DA	413
09.0211.30A	129	09.1646.30A	327	09.2426.02A	431	09.2576.14A	424	09.2890.14	410	09.2969.30	413
09.0212.14A	129	09.1647.02A	327	09.2426.14A	431	09.2576.30A	424	09.2890.14.DA	410	09.2969.30.DA	413
09.0212.30A	129	09.1647.14A	327	09.2426.30A	431	09.2580.02A	428	09.2890.30	410	09.2970.14	413
09.0213.14A	129	09.1647.30A	327	09.2427.02A	431	09.2580.14A	428	09.2890.30.DA	410	09.2970.14.DA	413
09.0213.30A	129	09.2110.05A	519	09.2427.14A	431	09.2580.30A	428	09.2891.14	416	09.2970.30	413
09.0217.14A	129	09.2110.05ADA	519	09.2427.30A	431	09.2581.02A	428	09.2891.14.DA	416	09.2970.30.DA	413
09.0217.30A	129	09.2110.14A	519	09.2430.02C	429	09.2581.14A	428	09.2891.30	416	09.2971.14	419
09.0218.14A	129	09.2110.14ADA	519	09.2430.14C	429	09.2581.30A	428	09.2891.30.DA	416	09.2971.14.DA	419
09.0218.30A	129	09.2110.40A	519	09.2430.30C	429	09.2585.02A	429	09.2892.14	416	09.2971.30	419
09.0219.14A	129	09.2110.40ADA	519	09.2431.02C	429	09.2585.14A	429	09.2892.14.DA	416	09.2971.30.DA	419
09.0219.30A	129	09.2112.05A	519	09.2431.14C	429	09.2585.30A	429	09.2892.30	416	09.2972.14	419
09.0220.14A	130	09.2112.05ADA	519	09.2431.30C	429	09.2586.02A	429	09.2892.30.DA	416	09.2972.14.DA	419
09.0220.30A	130	09.2112.14A	519	09.2432.02C	429	09.2586.14A	429	09.2893.14	416	09.2972.30	419
09.0221.14A	130	09.2112.14ADA	519	09.2432.14C	429	09.2586.30A	429	09.2893.14.DA	416	09.2972.30.DA	419
09.0221.30A	130	09.2112.40A	519	09.2432.30C	429	09.2865.14	421	09.2893.30	416	09.2973.14	419
09.0230.14	130	09.2112.40ADA	519	09.2435.02A	431	09.2865.14.DA	421	09.2893.30.DA	416	09.2973.14.DA	419
09.0230.30	130	09.2125.05	519	09.2435.14A	431	09.2865.30	421	09.2894.14	412	09.2973.30	419
09.0231.14	130	09.2125.14	519	09.2435.30A	431	09.2865.30.DA	421	09.2894.14.DA	412	09.2973.30.DA	419
09.0231.30	130	09.2125.40	519	09.2436.02A	431	09.2866.14	421	09.2894.30	412	09.2974.14	420
09.0232.14	130	09.2127.05	519	09.2436.14A	431	09.2866.14.DA	421	09.2894.30.DA	412	09.2974.14.DA	420
09.0232.30	130	09.2127.14	519	09.2436.30A	431	09.2866.30	421	09.2895.14	412	09.2974.30	420
09.0233.14	130	09.2127.40	519	09.2437.02A	431	09.2866.30.DA	421	09.2895.14.DA	412	09.2974.30.DA	420

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09.2981.14	417	09.3781.06	388	09.3840.CZ	16	09.4243.30.DA	403	09.4463.14.ADA	397	09.4526.14.ADA	309
09.2981.14.DA	417	09.3781.14	388	09.3840.CZ	41	09.4244.14	403	09.4463.30.ADA	397	09.4526.30.A	309
09.2981.30	417	09.3781.30	388	09.3841.06	41	09.4244.14.DA	403	09.4463.30.ADA	397	09.4526.30.ADA	309
09.2981.30.DA	417	09.3800.06	39	09.3841.14	16	09.4244.30	403	09.4464.14.A	397	09.4527.14.A	309
09.2982.14	417	09.3800.14	39	09.3841.14	41	09.4244.30.DA	403	09.4464.14.ADA	397	09.4527.14.ADA	309
09.2982.14.DA	417	09.3800.18	39	09.3841.18	41	09.4245.14	403	09.4464.30.A	397	09.4527.30.A	309
09.2982.30	417	09.3800.40	39	09.3841.1A	16	09.4245.14.DA	403	09.4464.30.ADA	397	09.4527.30.ADA	309
09.2982.30.DA	417	09.3800.CZ	39	09.3841.40	16	09.4245.30	403	09.4465.14.A	397	09.4840.14.A	400
09.2991.14	415	09.3801.06	39	09.3841.40	41	09.4245.30.DA	403	09.4465.14.ADA	397	09.4840.14.ADA	400
09.2991.14.DA	415	09.3801.14	39	09.3841.CZ	16	09.4250.14	403	09.4465.30.A	397	09.4840.30.A	400
09.2991.30	415	09.3801.18	39	09.3841.CZ	41	09.4250.14.DA	403	09.4465.30.ADA	397	09.4840.30.ADA	400
09.2991.30.DA	415	09.3801.40	39	09.3842.06	41	09.4250.30	403	09.4470.14.A	397	09.4841.14.A	400
09.2992.14	415	09.3801.CZ	39	09.3842.14	16	09.4250.30.DA	403	09.4470.14.ADA	397	09.4841.14.ADA	400
09.2992.14.DA	415	09.3802.06	39	09.3842.14	41	09.4251.14	403	09.4470.30.A	397	09.4841.30.A	400
09.2992.30	415	09.3802.14	39	09.3842.18	41	09.4251.14.DA	403	09.4470.30.ADA	397	09.4841.30.ADA	400
09.2992.30.DA	415	09.3802.18	39	09.3842.1A	16	09.4251.30	403	09.4471.14.A	397	09.4842.14.A	400
09.2993.14	415	09.3802.40	39	09.3842.40	16	09.4251.30.DA	403	09.4471.14.ADA	397	09.4842.14.ADA	400
09.2993.14.DA	415	09.3802.CZ	39	09.3842.40	41	09.4252.14	403	09.4471.30.A	397	09.4842.30.A	400
09.2993.30	415	09.3803.06	39	09.3842.CZ	16	09.4252.14.DA	403	09.4471.30.ADA	397	09.4842.30.ADA	400
09.2993.30.DA	415	09.3803.14	39	09.3842.CZ	41	09.4252.30	403	09.4472.14.A	397	09.4843.14.A	400
09.2994.14	417	09.3803.18	39	09.3843.06	41	09.4252.30.DA	403	09.4472.14.ADA	397	09.4843.14.ADA	400
09.2994.14.DA	417	09.3803.40	39	09.3843.14	16	09.4263.14	406	09.4472.30.A	397	09.4843.30.A	400
09.2994.30	417	09.3803.CZ	39	09.3843.14	41	09.4263.14.DA	406	09.4472.30.ADA	397	09.4843.30.ADA	400
09.2994.30.DA	417	09.3810.06	39	09.3843.18	41	09.4263.30	406	09.4480.14.A	396	09.4844.14.A	400
09.2995.14	417	09.3810.14	39	09.3843.1A	16	09.4263.30.DA	406	09.4480.30.A	396	09.4844.14.ADA	400
09.2995.14.DA	417	09.3810.18	39	09.3843.40	16	09.4264.14	406	09.4481.14.A	396	09.4844.30.A	400
09.2995.30	417	09.3810.40	39	09.3843.40	41	09.4264.14.DA	406	09.4481.30.A	396	09.4844.30.ADA	400
09.2995.30.DA	417	09.3810.CZ	39	09.3843.CZ	16	09.4264.30	406	09.4482.14.A	396	09.4845.14.A	400
09.2996.14	417	09.3811.06	39	09.3843.CZ	41	09.4264.30.DA	406	09.4482.30.A	396	09.4845.14.ADA	400
09.2996.14.DA	417	09.3811.14	39	09.3850.06	41	09.4265.14	406	09.4483.14.A	396	09.4845.30.A	400
09.2996.30	417	09.3811.18	39	09.3850.14	41	09.4265.14.DA	406	09.4483.30.A	396	09.4845.30.ADA	400
09.2996.30.DA	417	09.3811.40	39	09.3850.18	41	09.4265.30	406	09.4484.14.A	396	09.4850.14.A	400
09.2997.14	415	09.3811.CZ	39	09.3850.40	41	09.4265.30.DA	406	09.4484.30.A	396	09.4850.14.ADA	400
09.2997.14.DA	415	09.3812.06	39	09.3850.CZ	41	09.4270.14	406	09.4485.14.A	396	09.4850.30.A	400
09.2997.30	415	09.3812.14	39	09.3851.06	41	09.4270.14.DA	406	09.4485.30.A	396	09.4850.30.ADA	400
09.2997.30.DA	415	09.3812.18	39	09.3851.14	41	09.4270.30	406	09.4486.14.A	396	09.4851.14.A	400
09.2998.14	415	09.3812.40	39	09.3851.18	41	09.4270.30.DA	406	09.4486.30.A	396	09.4851.14.ADA	400
09.2998.14.DA	415	09.3812.CZ	39	09.3851.40	41	09.4271.14	406	09.4487.14.A	396	09.4851.30.A	400
09.2998.30	415	09.3813.06	39	09.3851.CZ	41	09.4271.14.DA	406	09.4487.30.A	396	09.4851.30.ADA	400
09.2998.30.DA	415	09.3813.14	39	09.3880.14	46	09.4271.30	406	09.4488.14.A	396	09.4852.14.A	400
09.2999.14	415	09.3813.18	39	09.3880.14	47	09.4271.30.DA	406	09.4488.30.A	396	09.4852.14.ADA	400
09.2999.14.DA	415	09.3813.40	39	09.3880.40	46	09.4272.14	406	09.4510.14.A	308	09.4852.30.A	400
09.2999.30	415	09.3813.CZ	39	09.3880.40	47	09.4272.14.DA	406	09.4510.14.ADA	308	09.4852.30.ADA	400
09.2999.30.DA	415	09.3820.06	40	09.3881.14	46	09.4272.30	406	09.4510.30.A	308	09.4860.14.A	405
09.3000.01B	533	09.3820.14	40	09.3881.14	47	09.4272.30.DA	406	09.4510.30.ADA	308	09.4860.14.ADA	405
09.3000.04B	533	09.3820.18	40	09.3881.40	46	09.4281.14	403	09.4511.14.A	308	09.4860.30.A	405
09.3000.18B	533	09.3820.40	40	09.3881.40	47	09.4281.30	403	09.4511.14.ADA	308	09.4860.30.ADA	405
09.3000.72B	533	09.3820.CZ	40	09.3882.14	46	09.4283.14	403	09.4511.30.A	308	09.4861.14.A	405
09.3001.01B	533	09.3821.06	40	09.3882.14	47	09.4283.30	403	09.4511.30.ADA	308	09.4861.14.ADA	405
09.3001.04B	533	09.3821.14	40	09.3882.40	46	09.4285.14	403	09.4512.14.A	308	09.4861.30.A	405
09.3001.18B	533	09.3821.18	40	09.3882.40	47	09.4285.30	403	09.4512.14.ADA	308	09.4861.30.ADA	405
09.3001.72B	533	09.3821.40	40	09.3883.14	46	09.4286.14	403	09.4512.30.A	308	09.4862.14.A	405
09.3100.14A	346	09.3821.CZ	40	09.3883.14	47	09.4286.30	403	09.4512.30.ADA	308	09.4862.14.ADA	405
09.3100.30A	346	09.3822.06	40	09.3883.40	46	09.4287.14	403	09.4513.14.A	308	09.4862.30.A	405
09.3101.14A	346	09.3822.14	40	09.3883.40	47	09.4287.30	403	09.4513.14.ADA	308	09.4862.30.ADA	405
09.3101.30A	346	09.3822.18	40	09.3884.14	46	09.4288.14	403	09.4513.30.A	308	09.4863.14.A	405
09.3105.14A	347	09.3822.40	40	09.3884.14	47	09.4288.30	403	09.4513.30.ADA	308	09.4863.14.ADA	405
09.3105.30A	347	09.3822.CZ	40	09.3884.40	46	09.4440.14A	396	09.4514.14.A	308	09.4863.30.A	405
09.3106.14A	347	09.3823.06	40	09.3884.40	47	09.4440.14.ADA	396	09.4514.14.ADA	308	09.4863.30.ADA	405
09.3106.30A	347	09.3823.14	40	09.3885.14	46	09.4440.30.A	396	09.4514.30.A	308	09.4864.14.A	405
09.3110.14A	346	09.3823.18	40	09.3885.14	47	09.4440.30.ADA	396	09.4514.30.ADA	308	09.4864.14.ADA	405
09.3110.30A	346	09.3823.40	40	09.3885.40	46	09.4441.14.A	396	09.4515.14.A	308	09.4864.30.A	405
09.3111.14A	346	09.3823.CZ	40	09.3885.40	47	09.4441.14.ADA	396	09.4515.14.ADA	308	09.4864.30.ADA	405
09.3111.30A	346	09.3830.06	40	09.3886.14	46	09.4441.30.A	396	09.4515.30.A	308	09.4865.14.A	405
09.3115.14A	347	09.3830.14	16	09.3886.14	47	09.4441.30.ADA	396	09.4515.30.ADA	308	09.4865.14.ADA	405
09.3115.30A	347	09.3830.14	40	09.3886.40	46	09.4442.14.A	396	09.4516.14.A	308	09.4865.30.A	405
09.3116.14A	347	09.3830.18	40	09.3886.40	47	09.4442.14.ADA	396	09.4516.14.ADA	308	09.4865.30.ADA	405
09.3116.30A	347	09.3830.1A	16	09.3887.14	46	09.4442.30.A	396	09.4516.30.A	308	09.4870.14.A	405
09.3200.29A	529	09.3830.40	16	09.3887.14	47	09.4442.30.ADA	396	09.4516.30.ADA	308	09.4870.14.ADA	405
09.3200.30A	529	09.3830.40	40	09.3887.40	46	09.4443.14.A	396	09.4517.14.A	308	09.4870.30.A	405
09.3200.55A	529	09.3830.CZ	16	09.3887.40	47	09.4443.14.ADA	396	09.4517.14.ADA	308	09.4870.30.ADA	405
09.3200.ANA	529	09.3830.CZ	40	09.3890.14	48	09.4443.30.A	396	09.4517.30.A	308	09.4871.14.A	405
09.3200.BZA	529	09.3831.06	40	09.3890.14	49	09.4443.30.ADA	396	09.4517.30.ADA	308	09.4871.14.ADA	405
09.3201.29A	529	09.3831.14	16	09.3890.40	48	09.4444.14.A	396	09.4518.14.A	308	09.4871.30.A	405
09.3201.30A	529	09.3831.14	40	09.3890.40	49	09.4444.14.ADA	396	09.4518.14.ADA	308	09.4871.30.ADA	405
09.3201.55A	529	09.3831.18	40	09.3891.14	48	09.4444.30.A	396	09.4518.30.A	308	09.4872.14.A	405
09.3201.ANA	529	09.3831.1A	16	09.3891.14	49	09.4444.30.ADA	396	09.4518.30.ADA	308	09.4872.14.ADA	405
09.3201.BZA	529	09.3831.40	16	09.3891.40	48	09.4445.14.A	396	09.4519.14.A	309	09.4872.30.A	405
09.3310.01B	531	09.3831.40	40	09.3891.40	49	09.4445.14.ADA	396	09.4519.14.ADA	309	09.4872.30.ADA	405
09.3310.04B	531	09.3831.CZ	16	09.3892.14	48	09.4445.30.A	396	09.4519.30.A	309	09.4880.14.A	400
09.3310.72B	531	09.3831.CZ	40	09.3892.14	49	09.4445.30.ADA	396	09.4519.30.ADA	309	09.4880.30.A	400
09.3705.14B	389	09.3832.06	40	09.3892.40	48	09.4450.14.A	396	09.4520.14.A	309	09.4881.14.A	400
09.3705.30B	389	09.3832.14	16	09.3892.40	49	09.4450.14.ADA	396	09.4520.14.ADA	309	09.4881.30.A	400
09.3706.14B	389	09.3832.14	40	09.3893.14	48	09.4450.30.A	396	09.4520.30.A	309		

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09.4912.14ADA	310	09.5001.02B1V	507	09.6010.30BDA	511	09.7294.40A	477	09.7504.14.DA	108	09.7750.30AYU	398
09.4912.30A	310	09.5001.14B	507	09.6011.02B	511	09.7295.14A	477	09.7504.40	108	09.7751.14A	398
09.4912.30ADA	310	09.5001.14B1V	507	09.6011.02BDA	511	09.7295.40A	477	09.7504.40.78	108	09.7751.14ADA	398
09.4913.14A	310	09.5001.30B	507	09.6011.14B	511	09.7296.14A	477	09.7504.40.DA	108	09.7751.30A	398
09.4913.14ADA	310	09.5001.30B1V	507	09.6011.14BDA	511	09.7296.40A	477	09.7504.40.YU	108	09.7751.30A78	398
09.4913.30A	310	09.5010.02B	507	09.6011.30B	511	09.7297.14A	477	09.7505.14	108	09.7751.30ADA	398
09.4913.30ADA	310	09.5010.02BDA	507	09.6011.30BDA	511	09.7297.40A	477	09.7505.14.DA	108	09.7751.30AYU	398
09.4914.14A	310	09.5010.14B	507	09.6020.02B	512	09.7298.14A	477	09.7505.40	108	09.7752.14A	398
09.4914.14ADA	310	09.5010.14BDA	507	09.6020.02BDA	512	09.7298.40A	477	09.7505.40.78	108	09.7752.14ADA	398
09.4914.30A	310	09.5010.30B	507	09.6020.14B	512	09.7300.14	104	09.7505.40.DA	108	09.7752.30A	398
09.4914.30ADA	310	09.5010.30BDA	507	09.6020.14BDA	512	09.7300.40	104	09.7505.40.YU	108	09.7752.30A78	398
09.4915.14A	310	09.5011.02B	507	09.6020.30B	512	09.7300.40.78	104	09.7700.14A	394	09.7752.30ADA	398
09.4915.14ADA	310	09.5011.02BDA	507	09.6020.30BDA	512	09.7301.14	104	09.7700.14ADA	394	09.7752.30AYU	398
09.4915.30A	310	09.5011.14B	507	09.6021.02B	512	09.7301.40	104	09.7700.30A	394	09.7753.14A	398
09.4915.30ADA	310	09.5011.14BDA	507	09.6021.02BDA	512	09.7301.40.78	104	09.7700.30A78	394	09.7753.14ADA	398
09.4916.14A	310	09.5011.30B	507	09.6021.14B	512	09.7302.14	104	09.7700.30ADA	394	09.7753.30A	398
09.4916.14ADA	310	09.5011.30BDA	507	09.6021.14BDA	512	09.7302.40	104	09.7700.30AYU	394	09.7753.30A78	398
09.4916.30A	310	09.5015.02B	508	09.6021.30B	512	09.7302.40.78	104	09.7701.14A	394	09.7753.30ADA	398
09.4916.30ADA	310	09.5015.02BDA	508	09.6021.30BDA	512	09.7303.14	104	09.7701.14ADA	394	09.7753.30AYU	398
09.4917.14A	310	09.5015.14B	508	09.6030.02B	512	09.7303.40	104	09.7701.30A	394	09.7754.14A	399
09.4917.14ADA	310	09.5015.14BDA	508	09.6030.02BDA	512	09.7303.40.78	104	09.7701.30A78	394	09.7754.14ADA	399
09.4917.30A	310	09.5015.30B	508	09.6030.14B	512	09.7304.14	104	09.7701.30ADA	394	09.7754.30A	399
09.4917.30ADA	310	09.5015.30BDA	508	09.6030.14BDA	512	09.7304.40	104	09.7701.30AYU	394	09.7754.30A78	399
09.4918.14A	310	09.5016.02B	508	09.6030.30B	512	09.7304.40.78	104	09.7702.14A	394	09.7754.30ADA	399
09.4918.14ADA	310	09.5016.02BDA	508	09.6030.30BDA	512	09.7305.14	104	09.7702.14ADA	394	09.7754.30AYU	399
09.4918.30A	310	09.5016.14B	508	09.6031.02B	512	09.7305.40	104	09.7702.30A	394	09.7755.14A	399
09.4918.30ADA	310	09.5016.14BDA	508	09.6031.02BDA	512	09.7305.40.78	104	09.7702.30A78	394	09.7755.14ADA	399
09.4919.14A	311	09.5016.30B	508	09.6031.14B	512	09.7306.14	104	09.7702.30ADA	394	09.7755.30A	399
09.4919.14ADA	311	09.5016.30BDA	508	09.6031.14BDA	512	09.7306.40	104	09.7702.30AYU	394	09.7755.30A78	399
09.4919.30A	311	09.5020.02B	508	09.6031.30B	512	09.7306.40.78	104	09.7703.14A	394	09.7755.30ADA	399
09.4919.30ADA	311	09.5020.02BDA	508	09.6031.30BDA	512	09.7307.14	104	09.7703.14ADA	394	09.7755.30AYU	399
09.4920.14A	311	09.5020.14B	508	09.6040.02B	513	09.7307.40	104	09.7703.30A	394	09.7756.14A	398
09.4920.14ADA	311	09.5020.14BDA	508	09.6040.02BDA	513	09.7307.40.78	104	09.7703.30A78	394	09.7756.14ADA	398
09.4920.30A	311	09.5020.30B	508	09.6040.14B	513	09.7308.14	104	09.7703.30ADA	394	09.7756.30A	398
09.4920.30ADA	311	09.5020.30BDA	508	09.6040.14BDA	513	09.7308.40	104	09.7703.30AYU	394	09.7756.30A78	398
09.4921.14A	311	09.5021.02B	508	09.6040.30B	513	09.7308.40.78	104	09.7704.14A	395	09.7756.30ADA	398
09.4921.14ADA	311	09.5021.02BDA	508	09.6040.30BDA	513	09.7310.14	107	09.7704.14ADA	395	09.7756.30AYU	398
09.4921.30A	311	09.5021.14B	508	09.6041.02B	513	09.7310.40	107	09.7704.30A	395	09.7757.14A	398
09.4921.30ADA	311	09.5021.14BDA	508	09.6041.02BDA	513	09.7310.40.78	107	09.7704.30A78	395	09.7757.14ADA	398
09.4922.14A	311	09.5021.30B	508	09.6041.14B	513	09.7311.14	107	09.7704.30ADA	395	09.7757.30A	398
09.4922.14ADA	311	09.5021.30BDA	508	09.6041.14BDA	513	09.7311.40	107	09.7704.30AYU	395	09.7757.30A78	398
09.4922.30A	311	09.5025.02B	509	09.6041.30B	513	09.7311.40.78	107	09.7705.14A	395	09.7757.30ADA	398
09.4922.30ADA	311	09.5025.02BDA	509	09.6041.30BDA	513	09.7312.14	107	09.7705.14ADA	395	09.7757.30AYU	398
09.4923.14A	311	09.5025.14B	509	09.7210.14A	103	09.7312.40	107	09.7705.30A	395	09.7758.14A	399
09.4923.14ADA	311	09.5025.14BDA	509	09.7210.40A	103	09.7312.40.78	107	09.7705.30A78	395	09.7758.14ADA	399
09.4923.30A	311	09.5025.30B	509	09.7210.40A78	103	09.7313.14	107	09.7705.30ADA	395	09.7758.30A	399
09.4923.30ADA	311	09.5025.30BDA	509	09.7211.14A	103	09.7313.40	107	09.7705.30AYU	395	09.7758.30A78	399
09.4924.14A	311	09.5026.02B	509	09.7211.40A	103	09.7313.40.78	107	09.7706.14A	394	09.7758.30ADA	399
09.4924.14ADA	311	09.5026.02BDA	509	09.7211.40A78	103	09.7314.14	107	09.7706.14ADA	394	09.7758.30AYU	399
09.4924.30A	311	09.5026.14B	509	09.7212.14A	103	09.7314.40	107	09.7706.30A	394	09.7770.14A	401
09.4924.30ADA	311	09.5026.14BDA	509	09.7212.40A	103	09.7314.40.78	107	09.7706.30A78	394	09.7770.14ADA	401
09.4925.14A	311	09.5026.30B	509	09.7212.40A78	103	09.7315.14	107	09.7706.30ADA	394	09.7770.30A	401
09.4925.14ADA	311	09.5026.30BDA	509	09.7213.14A	103	09.7315.40	107	09.7706.30AYU	394	09.7770.30A78	401
09.4925.30A	311	09.5030.02B	509	09.7213.40A	103	09.7315.40.78	107	09.7707.14A	394	09.7770.30ADA	401
09.4925.30ADA	311	09.5030.02BDA	509	09.7213.40A78	103	09.7316.14	107	09.7707.14ADA	394	09.7770.30AYU	401
09.4926.14A	311	09.5030.14B	509	09.7214.14A	103	09.7316.40	107	09.7707.30A	394	09.7771.14A	401
09.4926.14ADA	311	09.5030.14BDA	509	09.7214.40A	103	09.7316.40.78	107	09.7707.30A78	394	09.7771.14ADA	401
09.4926.30A	311	09.5030.30B	509	09.7214.40A78	103	09.7317.14	107	09.7707.30ADA	394	09.7771.30A	401
09.4926.30ADA	311	09.5030.30BDA	509	09.7215.14A	103	09.7317.40	107	09.7707.30AYU	394	09.7771.30A78	401
09.4927.14A	311	09.5031.02B	509	09.7215.40A	103	09.7317.40.78	107	09.7708.14A	395	09.7771.30ADA	401
09.4927.14ADA	311	09.5031.02BDA	509	09.7215.40A78	103	09.7318.14	107	09.7708.14ADA	395	09.7771.30AYU	401
09.4927.30A	311	09.5031.14B	509	09.7216.14A	103	09.7318.40	107	09.7708.30A	395	09.7772.14A	401
09.4927.30ADA	311	09.5031.14BDA	509	09.7216.40A	103	09.7318.40.78	107	09.7708.30A78	395	09.7772.14ADA	401
09.4950.14A	404	09.5031.30B	509	09.7216.40A78	103	09.7320.14	478	09.7708.30ADA	395	09.7772.30A	401
09.4950.14ADA	404	09.5031.30BDA	509	09.7217.14A	103	09.7320.40	478	09.7708.30AYU	395	09.7772.30A78	401
09.4950.30A	404	09.5035.02B	510	09.7217.40A	103	09.7321.14	478	09.7730.14	402	09.7772.30ADA	401
09.4950.30ADA	404	09.5035.02BDA	510	09.7217.40A78	103	09.7321.40	478	09.7730.14.DA	402	09.7772.30AYU	401
09.4951.14A	404	09.5035.14B	510	09.7218.14A	103	09.7322.14	478	09.7730.30	402	09.8000.14	12
09.4951.30A	404	09.5035.14BDA	510	09.7218.40A	103	09.7322.40	478	09.7730.30.78	402	09.8000.1A	12
09.4953.14A	404	09.5035.30B	510	09.7218.40A78	103	09.7323.14	478	09.7730.30.DA	402	09.8000.40	12
09.4953.14ADA	404	09.5035.30BDA	510	09.7270.14A	106	09.7323.40	478	09.7730.30.YU	402	09.8000.CZ	12
09.4953.30A	404	09.5036.02B	510	09.7270.40A	106	09.7324.14	478	09.7731.14	402	09.8001.14	12
09.4953.30ADA	404	09.5036.02BDA	510	09.7270.40A78	106	09.7324.40	478	09.7731.14.DA	402	09.8001.1A	12
09.4954.14A	404	09.5036.14B	510	09.7271.14A	106	09.7325.14	478	09.7731.30	402	09.8001.40	12
09.4954.30A	404	09.5036.14BDA	510	09.7271.40A	106	09.7325.40	478	09.7731.30.78	402	09.8001.CZ	12
09.4956.14A	404	09.5036.30B	510	09.7271.40A78	106	09.7326.14	478	09.7731.30.DA	402	09.8002.14	12
09.4956.14ADA	404	09.5036.30BDA	510	09.7272.14A	106	09.7326.40	478	09.7731.30.YU	402	09.8002.1A	12
09.4956.30A	404	09.5040.02B	510	09.7272.40A	106	09.7327.14	478	09.7732.14	402	09.8002.40	12
09.4956.30ADA	404	09.5040.02BDA	510	09.7272.40A78	106	09.7327.40	478	09.7732.14.DA	402	09.8002.CZ	12
09.4957.14A	404	09.5040.14B	510	09.7273.14A	106	09.7328.14	478	09.7732.14.YU	402	09.8003.14	12
09.4957.30A	404	09.5040.14BDA	510	09.7273.40A	106	09.7328.40	478	09.7732.30.78	402	09.8003.1A	12
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09.8011.CZ	13	09.9025.BW	56	60.3051.11	542	60.6300	552	60.8656	547	BU25000A	471
09.8012.14	13	09.9026.14	56	60.3051.14	542	60.6301	553	60.8656	576	BU25000B	471
09.8012.1A	13	09.9026.BW	56	60.3051.29	542	60.6302	553	60.8668	546	BU25000P	471
09.8012.40	13	09.9027.14	56	60.3053.11	541	60.6303	552	60.8670	546	BU25000W	471
09.8012.CZ	13	09.9027.BW	56	60.3053.14	541	60.6304	552	60.8673	546	BU25050A	470
09.8013.14	13	09.9028.14	56	60.3054	542	60.6305	552	60.8689	546	BU25050B	470
09.8013.1A	13	09.9028.BW	56	60.3057.11	541	60.6306	552	60.8697	548	BU25050P	470
09.8013.40	13	09.9033.14	57	60.3057.29	541	60.6355	552	60.8703	124	BU25050W	470
09.8013.CZ	13	09.9033.BW	57	60.3083.29	541	60.6356	552	60.8703	197	BU25200A	468
09.8014.14	13	09.9034.14	57	60.3090.11	541	60.6357	552	60.8703	521	BU25200B	468
09.8014.1A	13	09.9034.BW	57	60.3091.11	541	60.6359	552	60.8703	549	BU25200P	468
09.8014.40	13	09.9035.14	57	60.3091.14	541	60.6360	552	60.8703	573	BU25200W	468
09.8014.CZ	13	09.9035.BW	57	60.3092.11	541	60.6361	552	60.8703	593	BU25302A	468
09.8015.14	13	09.9036.14	57	60.3093.29	541	60.6374	552	60.8703	611	BU25302B	468
09.8015.1A	13	09.9036.BW	57	60.3094.11	541	60.6392	552	60.8724	570	BU25302P	468
09.8015.40	13	09.9037.14	57	60.3094.14	541	60.6393	552	60.8837	547	BU25302W	468
09.8015.CZ	13	09.9037.BW	57	60.3095.29	541	60.6394	552	60.8847	547	BU25303A	468
09.8016.14	13	09.9038.14	57	60.3096.29	541	60.6395	552	60.8880	548	BU25303B	468
09.8016.1A	13	09.9038.BW	57	60.3097.11	52	60.6398	552	60.8911	180	BU25303P	468
09.8016.40	13	60.3008.11	541	60.3097.11	83	60.6399	552	60.8911	546	BU25303W	468
09.8016.CZ	13	60.3008.14	541	60.3097.11	85	60.6404	552	60.8919	35	BU26000A	471
09.8017.14	13	60.3014.11	83	60.3097.11	541	60.6450	552	60.8919	96	BU26000B	471
09.8017.1A	13	60.3014.11	85	60.3097.14	52	60.6452	552	60.8919	57	BU26000P	471
09.8017.40	13	60.3014.11	541	60.3097.14	83	60.6454	552	60.9024	35	BU26000W	471
09.8017.CZ	13	60.3014.14	83	60.3097.14	85	60.6455	552	60.9024	96	BU26050A	470
09.8020.14	14	60.3014.14	85	60.3097.14	541	60.6456	552	60.9024	57	BU26050B	470
09.8020.1A	14	60.3014.14	541	60.3101.11	540	60.6458	552	60.9089	77	BU26050P	470
09.8020.40	14	60.3016.11	542	60.3101.11ADA	540	60.6500	553	60.9089	124	BU26050W	470
09.8020.CZ	14	60.3016.12	542	60.3101.14	540	60.6503	553	60.9089	197	BU26200A	469
09.8021.14	14	60.3016.14	542	60.3101.14ADA	540	60.6504	553	60.9089	521	BU26200B	469
09.8021.1A	14	60.3018.11	541	60.3101.29	540	60.6506	553	60.9089	549	BU26200P	469
09.8021.40	14	60.3018.14	541	60.3101.29ADA	540	60.6507	553	60.9089	573	BU26200W	469
09.8021.CZ	14	60.3022.11	542	60.3102.11	540	60.6509	553	60.9089	593	BU26302A	469
09.8022.14	14	60.3022.14	542	60.3102.11ADA	540	60.6510	553	60.9157	527	BU26302B	469
09.8022.1A	14	60.3023.11	542	60.3102.14	540	60.6512	553	60.9157	548	BU26302P	469
09.8022.40	14	60.3023.14	542	60.3102.14ADA	540	60.6513	553	60.9157	597	BU26302W	469
09.8022.CZ	14	60.3023.29	542	60.3102.29	540	60.6515	553	60.9162	180	BU26303A	469
09.8023.14	14	60.3025.11	541	60.3102.29ADA	540	60.6516	553	60.9162	547	BU26303B	469
09.8023.1A	14	60.3025.14	541	60.3103.11	540	60.6518	553	60.9188	547	BU26303P	469
09.8023.40	14	60.3025.29	541	60.3103.11ADA	540	60.6519	553	60.9233	546	BU26303W	469
09.8023.CZ	14	60.3028.11	542	60.3103.14	540	60.6520	553	60.9268	548	BU30	552
09.8024.14	14	60.3028.11ADA	542	60.3103.14ADA	540	60.6521	553	60.9276	547	BU32000P	452
09.8024.1A	14	60.3028.14	542	60.3103.29	540	60.6522	553	60.9312	546	BU32102A	452
09.8024.40	14	60.3028.14ADA	542	60.3103.29ADA	540	60.6523	553	60.9323	588	BU32102B	452
09.8024.CZ	14	60.3028.29	542	60.3104.11	540	60.6575	552	60.9323	597	BU32102P	452
09.8025.14	14	60.3028.29ADA	542	60.3104.11ADA	540	60.6585	553	60.9323	607	BU32102W	452
09.8025.1A	14	60.3029.11	542	60.3104.14	540	60.6592	553	60.9352	77	BU32103A	452
09.8025.40	14	60.3029.11ADA	542	60.3104.14ADA	540	60.6598	553	60.9352	550	BU32103B	452
09.8025.CZ	14	60.3029.14	542	60.3104.29	540	60.6616	552	60.9352	611	BU32103P	452
09.8026.14	14	60.3029.14ADA	542	60.3104.29ADA	540	60.6617	552	60.9359	42	BU32103W	452
09.8026.1A	14	60.3029.29	542	60.3145.11	541	60.6618	552	60.9360	42	BU32302P	455
09.8026.40	14	60.3029.29ADA	542	60.3145.14	541	60.6722	553	60.9361	17	BU33000A	453
09.8026.CZ	14	60.3036.11	542	60.3146.11	541	60.6723	553	60.9361	42	BU33000B	453
09.8027.14	14	60.3036.11ADA	542	60.3146.14	541	60.6724	553	60.9374	611	BU33000P	453
09.8027.1A	14	60.3036.14	542	60.3317.11A	101	60.6861	552	60.9389	548	BU33000W	453
09.8027.40	14	60.3036.14ADA	542	60.3317.14	101	60.6862	552	60.9391	96	BU35500P	454
09.8027.CZ	14	60.3036.29	542	60.3318.11A	101	60.6863	552	60.9392	17	BU35602A	454
09.8030.14	15	60.3036.29ADA	542	60.3318.14	101	60.6864	552	60.9392	42	BU35602B	454
09.8030.1A	15	60.3037.11	542	60.3319.11A	101	60.6866	553	60.9395	96	BU35602P	454
09.8030.40	15	60.3037.11ADA	542	60.3319.14	100	60.6891	552	60.9405	548	BU35602W	454
09.8030.CZ	15	60.3037.14	542	60.3319.14	101	60.6933	552	60.9406	548	BU35900P	444
09.8031.14	15	60.3037.14ADA	542	60.3320.11A	101	60.6989	552	60.9407	77	BU35951A	444
09.8031.1A	15	60.3037.29	542	60.3320.14	101	60.6990	552	60.9407	197	BU35951B	444
09.8031.40	15	60.3037.29ADA	542	60.3321.11A	101	60.6992	552	60.9407	521	BU35951P	444
09.8031.CZ	15	60.3038.11	541	60.3321.14	101	60.8079	527	60.9407	549	BU35951W	444
09.8032.14	15	60.3038.11ADA	541	60.3330.11A	101	60.8079	548	60.9407	573	BU60050A	453
09.8032.1A	15	60.3038.12	541	60.3330.14	101	60.8268	135	60.9407	593	BU60050B	453
09.8032.40	15	60.3038.12ADA	541	60.3331.11A	101	60.8268	549	60.9407	611	BU60050P	453
09.8032.CZ	15	60.3038.14	541	60.3331.14	101	60.8268	573	60.9414	180	BU60050W	453
09.8033.14	15	60.3038.14ADA	541	60.3333.11A	101	60.8268	580	60.9415	180	BU60051A	445
09.8033.1A	15	60.3039.11	541	60.3333.14	101	60.8268	593	60.9416	17	BU60051B	445
09.8033.40	15	60.3039.11ADA	541	60.3336.11A	101	60.8311	550	60.9416	42	BU60051P	445
09.8033.CZ	15	60.3039.12	541	60.3336.14	101	60.8364	550	60.9424	550	BU60051W	445
09.8034.14	15	60.3039.12ADA	541	60.3345	101	60.8364	570	60.9426	17	BU61	552
09.8034.1A	15	60.3039.14	541	60.3351.11A	101	60.8402	595	60.9426	42	BU62	552
09.8034.40	15	60.3039.14ADA	541	60.3351.14	101	60.8437	546	60.9443	611	BU64	552
09.8034.CZ	15	60.3043.11	542	60.3810.11	540	60.8452	573	80.1318	537	BU68	552
09.8035.14	15	60.3043.11ADA	542	60.3810.11ADA	540	60.8452	580	80.1332	537	BU90007	448
09.8035.1A	15	60.3043.14	542	60.3810.14	540	60.8452	585	80.2433	570	BU90010	449
09.8035.40	15	60.3043.14ADA	542	60.3810.14ADA	540	60.8452	593	80.2434	570	BU90011	449
09.8035.CZ	15	60.3043.29	542	60.3810.29	540	60.8452	611	80.2435	570	BU90012	449
09.8036.14	15	60.3043.29ADA	542	60.3810.29ADA	540	60.8453	573	80.8006	527	BU90013	449
09.8036.1A	15	60.3044.11	542	60.3820.11	540	60.8453	580	80.8067	527	BU90017	449
09.8036.40	15	60.3044.11ADA	542	60.3820.11ADA	540	60.8453	585	BU10	552	BU90019	449
09.8036.CZ	15	60.3044.12	542	60.3820.14	540	60.8453	593	BU10100P	445	BU90605A	472
09.8037.14	15	60.3044.12ADA	542	60.3820.14ADA	540	60.8453	611	BU12000P	442	BU90605B	472
09.8037.1A	15	60.3044.14	542	60.3820.29	540	60.8485	547	BU12202A	442	BU90610A	472
09.8037.40	15	60.3044.14ADA	542	60.3820.29ADA	540	60.8515	197	BU12202B	442	BU90610B	472
09.8037.CZ	15	60.3046.11	542	60.3830.11	540	60.8515	549	BU12202P	442	BU90610P	472
09.9010.14	55	60.3046.14	542	60.3830.11ADA	540	60.8529	548	BU12202W	442	BU90610W	472
09.9010.BW	55	60.3046.29	542	60.3830.14	540	60.8530	547	BU12203A	442	BU90620A	472
09.9011.14	55	60.3047.11	542	60.3830.14ADA	540	60.8533	546	BU12203B	442	BU90620B	472
09.9011.BW	55	60.3									

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BU91102	449	BU93033	465	BU95017	462	SA.1006.4.300	602	SA.2285.1	568	SA.4010.3.026	589
BU91102	462	BU93033	570	BU95019	462	SA.1006.5C110	602	SA.2286.1	568	SA.4010.3.027	589
BU91104	449	BU93034	458	BU95022	462	SA.1006.6B100	602	SA.2293.1	566	SA.5000.1	582
BU91104	458	BU93035	465	BU95024	462	SA.1007.4.100	602	SA.2294.1	566	SA.5001.1	582
BU91104	462	BU93035	570	BU95028	462	SA.1007.4.11V	602	SA.2295.1	566	SA.5004.1	581
BU91104	570	BU93036	465	BU95032	462	SA.1007.4.1DA	602	SA.2295.1	566	SA.5005.1	581
BU91105	449	BU93036	570	BU95034	462	SA.1007.4.200	602	SA.2295.1	567	SA.5006.1D	582
BU91105	458	BU93037	465	BU95038	462	SA.1007.4.21V	602	SA.2303.1	567	SA.5007.1D	582
BU91105	462	BU93037	570	BU95042	462	SA.1007.4.2DA	602	SA.2303.3.120	567	SA.5008.1	581
BU91105	570	BU93038	458	BU95044	462	SA.1007.4.300	602	SA.2304.1	567	SA.5009.1	581
BU91106	449	BU93042	458	BU95048	462	SA.1007.5C110	602	SA.2304.3.120	567	SA.5020.5A120	577
BU91107	449	BU93042	465	BU95202	462	SA.1007.6B100	602	SA.2313.1	566	SA.5020.5A180	577
BU91107	462	BU93042	570	BU95204	462	SA.1008.4.100	603	SA.2313.3.120	566	SA.5020.6A120	577
BU91108	449	BU93044	458	BU95208	448	SA.1008.4.11V	603	SA.2313.3.140	566	SA.5020.6A180	577
BU91110	449	BU93046	465	BU95208	463	SA.1008.4.1DA	603	SA.2313.3.160	566	SA.5021.5A120	577
BU91114	449	BU93046	570	BU95232	462	SA.1008.4.200	603	SA.2314.1	566	SA.5021.5A180	577
BU91116	449	BU93047	465	BU95234	462	SA.1008.4.21V	603	SA.2314.3.120	566	SA.5021.6A120	577
BU91118	449	BU93047	570	BU95242	462	SA.1008.4.2DA	603	SA.2314.3.140	566	SA.5021.6A180	577
BU91119	449	BU93048	458	BU95244	462	SA.1008.4.300	603	SA.2314.3.160	566	SA.5022.5A120	578
BU91121	449	BU93052A	459	BU95302	463	SA.1008.5C110	603	SA.2323.1	566	SA.5022.5A180	578
BU91122	448	BU93052B	459	BU95332	463	SA.1008.6B100	603	SA.2324.1	566	SA.5022.6A120	578
BU91123	449	BU93052W	459	BU95342	463	SA.1009.4.100	603	SA.2325.1	566	SA.5022.6A180	578
BU91123	462	BU93062	459	BU95402	463	SA.1009.4.11V	603	SA.2325.1	567	SA.5022.6A120	578
BU91124	448	BU93103	459	BU95432	463	SA.1009.4.1DA	603	SA.2325.1	567	SA.5023.5A180	578
BU91125	449	BU93105	459	BU95442	463	SA.1009.4.200	603	SA.2333.1	567	SA.5023.6A120	578
BU91125	458	BU93106	459	F0556020	517	SA.1009.4.21V	603	SA.2333.3.120	567	SA.5023.6A180	578
BU91125	462	BU93109	459	F0557020	517	SA.1009.4.2DA	603	SA.2334.1	567	SA.5061.3.076	595
BU91125	570	BU93110	459	F4185009	526	SA.1009.4.300	603	SA.2334.3.120	567	SA.5061.3.0OG	595
BU91126	448	BU93111	570	F4185030	526	SA.1009.5C110	603	SA.2343.1	567	SA.5061.3.0V3	595
BU91128	448	BU93113	465	F4185057	526	SA.1009.6B100	603	SA.2343.3.120	567	SA.5062.3.076	595
BU91130	448	BU93113	570	F9463009	527	SA.1010.4.100	604	SA.2343.3.140	567	SA.5062.3.0OG	595
BU91132	448	BU93115	465	F9463030	527	SA.1010.4.200	604	SA.2343.3.160	567	SA.5062.3.0V3	595
BU91134	448	BU93115	570	F9463057	527	SA.1010.4.300	604	SA.2344.1	567	SA.5063.3.076	595
BU91136	448	BU93119	570	F9466057	525	SA.1010.5C110	604	SA.2344.3.120	567	SA.5063.3.0OG	595
BU91202	449	BU93119A	465	F9467057	525	SA.1010.6B100	604	SA.2344.3.140	567	SA.5063.3.0V3	595
BU91203	449	BU93119B	465	F9474057	526	SA.1011.4.100	604	SA.2344.3.160	567	SA.5064.3.076	595
BU91204	449	BU93119P	465	F9477057	526	SA.1011.4.11V	604	SA.2423.5A145	565	SA.5064.3.0OG	595
BU91205	449	BU93119W	465	F9478009	527	SA.1011.4.1DA	604	SA.2423.5A165	565	SA.5064.3.0V3	595
BU91206	449	BU93121	570	F9478030	527	SA.1011.4.200	604	SA.2424.5A145	565	SA.5065.3.076	595
BU91208	449	BU93121A	465	F9478057	527	SA.1011.4.21V	604	SA.2424.5A165	565	SA.5065.3.0OG	595
BU91209	449	BU93121B	465	F9492057	524	SA.1011.4.2DA	604	SA.2453.5A145	565	SA.5065.3.0V3	595
BU91212	448	BU93121P	465	F9493057	524	SA.1011.4.300	604	SA.2453.5A165	565	SA.5066.3.076	595
BU91214	448	BU93121W	465	F9494057	524	SA.1011.5C110	604	SA.2454.5A145	565	SA.5066.3.0OG	595
BU91216	448	BU93136	459	F9497057	525	SA.1011.6B100	604	SA.2454.5A165	565	SA.5066.3.0V3	595
BU91218	448	BU93146	459	RF18863	552	SA.1012.3.019	588	SA.3009.1	609	SA.5067.3.076	595
BU91302	448	BU93202	459	RF19264	552	SA.1014.3.001	587	SA.3010.1A	605	SA.5067.3.0OG	595
BU91302	462	BU93204	459	SA.1001.3.001	599	SA.1014.3.002	587	SA.3011.1B	605	SA.5067.3.0V3	595
BU91302	465	BU93206	459	SA.1001.3.002	599	SA.1014.3.003	587	SA.3012.1B	605	SA.5068.3.076	595
BU91304	448	BU93208	459	SA.1001.3.003	599	SA.1014.3.004	587	SA.3013.1A	606	SA.5068.3.0OG	595
BU91304	462	BU93232	459	SA.1001.3.004	599	SA.1014.3.006	587	SA.3014.1B	606	SA.5068.3.0V3	595
BU91304	465	BU93234	459	SA.1001.3.006	599	SA.1014.3.009	587	SA.3015.1A	606	SA.5069.3.076	595
BU91304	570	BU93242	459	SA.1001.3.009	599	SA.1014.3.014	587	SA.3016.1A	607	SA.5069.3.0OG	595
BU91305	448	BU93244	459	SA.1001.3.014	599	SA.1014.3.015	587	SA.3017.1	607	SA.5069.3.0V3	595
BU91305	462	BU93302	459	SA.1001.3.015	599	SA.1014.3.016	587	SA.3018.1	608	SA.5070.3.076	595
BU91305	465	BU93332	459	SA.1001.3.016	599	SA.1014.3.025	587	SA.3019.1	607	SA.5070.3.0OG	595
BU91305	570	BU93342	459	SA.1001.3.025	599	SA.1014.3.026	587	SA.3020.1	608	SA.5070.3.0V3	595
BU91307	448	BU93402	459	SA.1001.3.026	599	SA.1014.3.027	587	SA.3021.1	608	SA.5071.3.076	596
BU91307	462	BU93432	459	SA.1001.3.027	599	SA.1015.3.001	588	SA.3022.1	609	SA.5072.3.076	596
BU91307	465	BU93442	459	SA.1002.3.001	600	SA.1015.3.002	588	SA.3023.1	609	SA.5073.3.076	596
BU91307	570	BU93500	458	SA.1002.3.002	600	SA.1015.3.003	588	SA.4004.4.100	583	SA.5074.3.076	596
BU91401	448	BU93502	459	SA.1002.3.003	600	SA.1015.3.004	588	SA.4004.4.200	583	SA.5075.3.076	596
BU91410	448	BU93510	458	SA.1002.3.004	600	SA.1015.3.006	588	SA.4004.4.300	583	SA.5076.3.076	596
BU91412	448	BU93516	458	SA.1002.3.006	600	SA.1015.3.009	588	SA.4004.5C110	583	SA.5077.3.076	596
BU91414	448	BU93517	458	SA.1002.3.009	600	SA.1015.3.014	588	SA.4004.6A100	583	SA.5078.3.076	596
BU91416	448	BU93518	458	SA.1002.3.014	600	SA.1015.3.015	588	SA.4005.4.100	583	SA.5100.1A	597
BU91418	448	BU93524	458	SA.1002.3.015	600	SA.1015.3.016	588	SA.4005.4.11V	583	SA.5101.1A	597
BU91420	448	BU93525	458	SA.1002.3.016	600	SA.1015.3.025	588	SA.4005.4.1DA	583	SA.5102.1A	597
BU91422	448	BU93532	459	SA.1002.3.025	600	SA.1015.3.026	588	SA.4005.4.200	583	SA.5200.5.120	575
BU91424	448	BU93534	458	SA.1002.3.026	600	SA.1015.3.027	588	SA.4005.4.21V	583	SA.5201.5.120	575
BU91426	448	BU93535	458	SA.1002.3.027	600	SA.1019.3.001	587	SA.4005.4.2DA	583	SA.5202.5.120	575
BU91428	448	BU93536	458	SA.1003.3.001	600	SA.1019.3.002	587	SA.4005.4.300	583	SA.5203.5.120	575
BU91430	448	BU93537	458	SA.1003.3.002	600	SA.1019.3.003	587	SA.4005.5C110	583	SA.6600.1	322
BU91432	448	BU93538	458	SA.1003.3.003	600	SA.1019.3.004	587	SA.4005.6A100	583		
BU91502	448	BU93542	459	SA.1003.3.004	600	SA.1019.3.006	587	SA.4006.4.100	591		
BU91502	463	BU93544	458	SA.1003.3.009	600	SA.1019.3.009	587	SA.4006.4.200	591		
BU91504	448	BU93545	458	SA.1003.3.015	600	SA.1019.3.014	587	SA.4006.4.300	591		
BU91505	448	BU93554	458	SA.1003.3.017	600	SA.1019.3.015	587	SA.4006.5B110	591		
BU93002	458	BU93555	458	SA.1003.3.025	600	SA.1019.3.016	587	SA.4006.6B100	591		
BU93002	465	BU93566	458	SA.1003.3.026	600	SA.1019.3.025	587	SA.4008.3.001	589		
BU93002	570	BU93604	459	SA.1003.3.027	600	SA.1019.3.026	587	SA.4008.3.002	589		
BU93004	458	BU93611	465	SA.1004.3.001	601	SA.1019.3.027	587	SA.4008.3.003	589		
BU93006	465	BU93611	570	SA.1004.3.002	601	SA.1034.3.001	598	SA.4008.3.004	589		
BU93006	570	BU93612	465	SA.1004.3.003	601	SA.1034.3.016	598	SA.4008.3.009	589		
BU93007	465	BU93612	570	SA.1004.3.004	601	SA.1035.1	599	SA.4008.3.015	589		
BU93007	570	BU93613	465	SA.1004.3.009	601	SA.1039.1	597	SA.4008.3.017	589		
BU93008	458	BU93613	570	SA.1004.3.015	601	SA.1040.1	598	SA.4008.3.025	589		
BU93011	458	BU93614	465	SA.1004.3.017	601	SA.1041.1	598	SA.4008.3.026	589		
BU93012	458	BU93614	570	SA.1004.3.025	601	SA.1050.1	192	SA.4008.3.027	589		
BU93013	458	BU93615	465	SA.1004.3.026	601	SA.1051.1	192	SA.4009.3.001	590		
BU93014	458	BU93615	570	SA.1004.3.027	601	SA.1052.1	193	SA.4009.3.002	590		
BU93015	458	BU93616	465	SA.1005.3.001	601	SA.2212.1	464	SA.4009.3.003	590		</

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