

The Product Book.

20

iGuzzini

Lighting innovation for people.

iGuzzini

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Indoor lighting systems



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ILS



911 Intelligent Light Solutions



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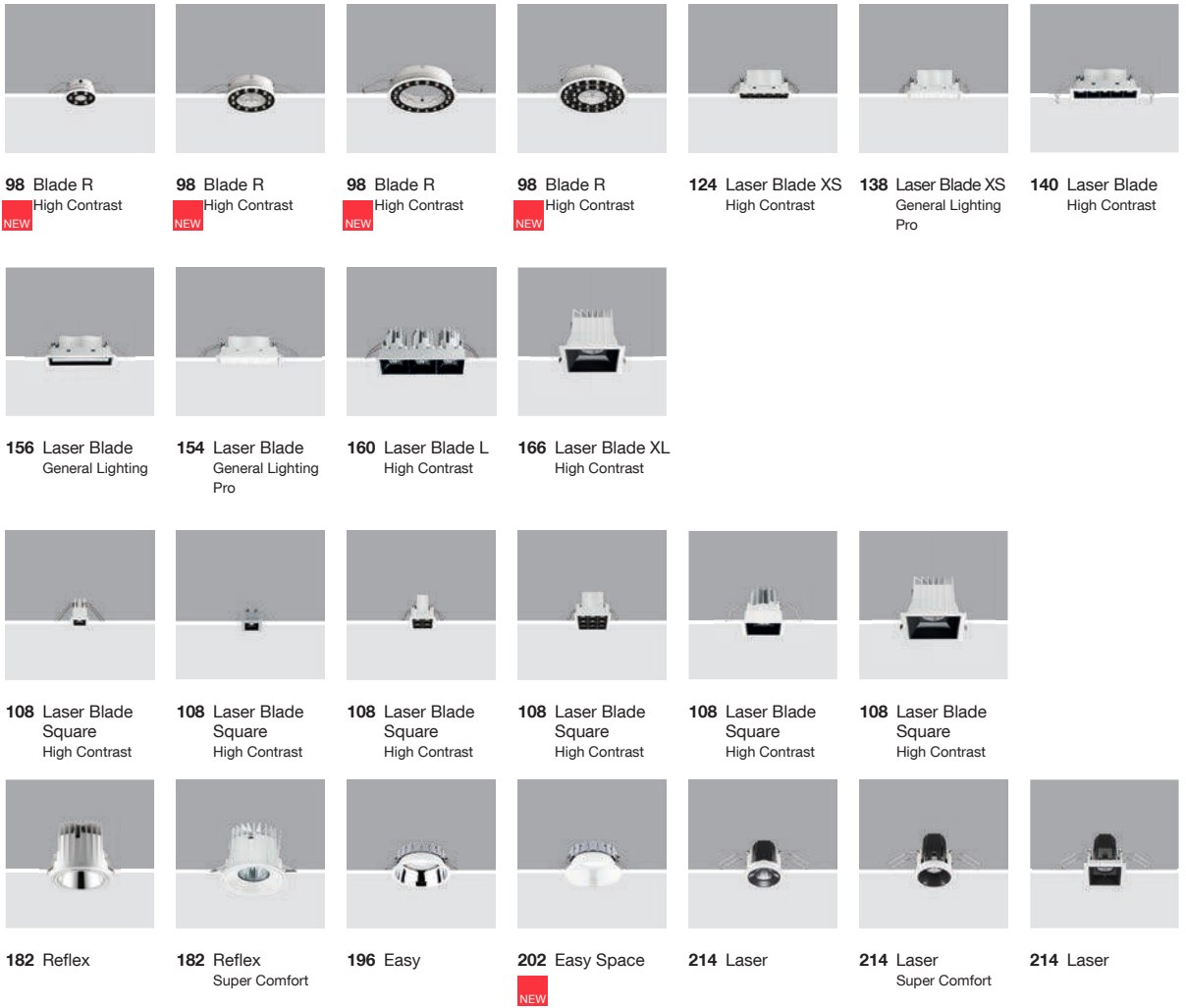


**FAB - Fiandre Architectural Bureau -
Castellarano, Italy**

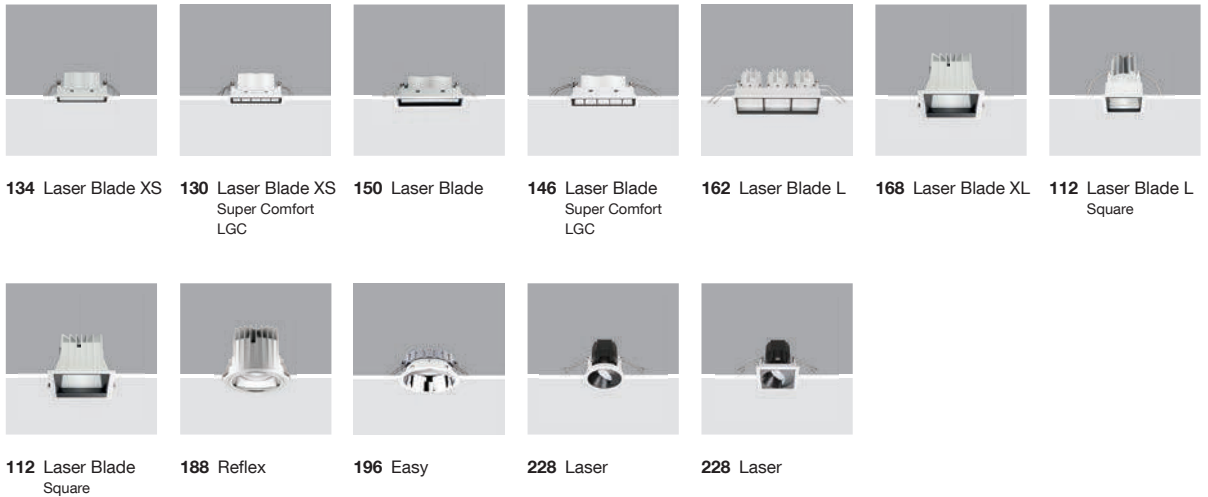
Concept and architectural project: Iosa Ghini Associati
Photo: Francesco Gumier, courtesy of Graniti Fiandre

Product Overview - Indoor lighting systems

Downlights Fixed



Downlights Wall Washer



Downlights Adjustable



Product Overview - Indoor lighting systems

Downlights Adjustable



222 Laser 230 Deep Frame 238 Deep Frame

Modular systems



174 Laser Blade System53 High Contrast - Orientable 174 Laser Blade System53 Wall Washer 174 Laser Blade System53 Low Contrast iN 30 174 Laser Blade System53 High Contrast iN 30 174 Laser Blade System53 adjustable floodlight

Spotlights and Tracks



244 Palco remote driver 244 Palco downlight remote driver 254 Palco built-in driver 258 Palco 264 Palco Wall Washer 250 Palco framer ø 19 built-in driver 250 Palco Framer ø 19 remote driver downlight



250 Palco Framer ø 37 built-in remote driver 250 Palco Framer ø 37 remote driver downlight 266 Palco framer ø 37 266 Palco framer ø 99 266 Palco framer ø 115 270 Le Perroquet 274 Front Light



278 Tecnica Pro 284 View Opti Linear 288 View Opti Beam Lens 288 View Opti Beam Lens 292 Track Mains Voltage - ceiling 294 Track Mains Voltage - downlight

Low voltage track systems

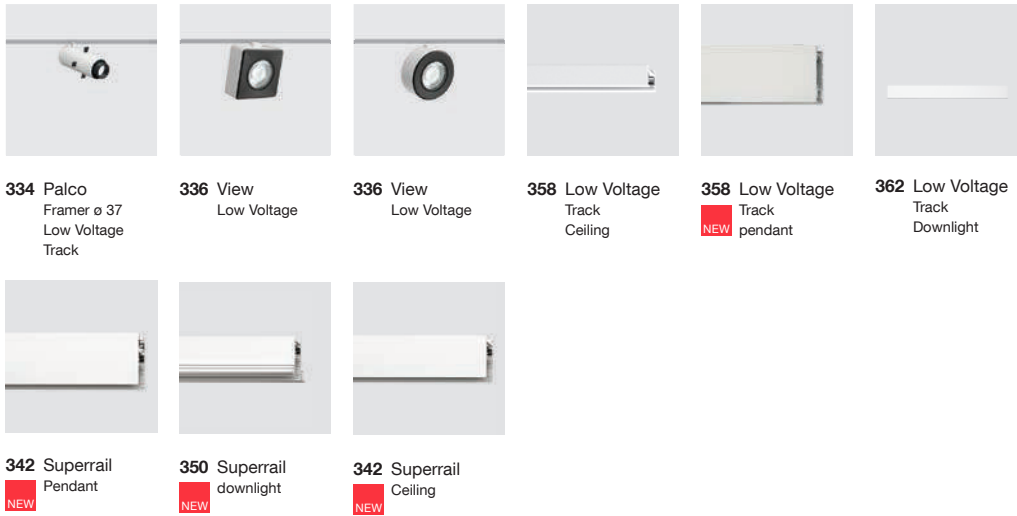


310 Laser Blade XS High contrast Low Voltage Track 310 Laser Blade XS High contrast Low Voltage Track 314 Laser Blade XS General Lighting Pro Low Voltage Track 315 Laser Blade XS Wall Washer Low Voltage Track 310 Laser Blade XS Low Voltage Track pendant 316 Laser Low Voltage Track pendant 316 Laser Low Voltage Track pendant with decorative ring



320 Robin 320 Robin 320 Robin 326 Palco Beamer Low Voltage 328 Palco Low Voltage Track 332 Palco Wall Washer Low Voltage Track 334 Palco Framer ø 19 Low Voltage Track

Low voltage track systems



334 Palco
Framer ø 37
Low Voltage
Track

336 View
Low Voltage

336 View
Low Voltage

358 Low Voltage
Track
Ceiling

358 Low Voltage
Track
pendant

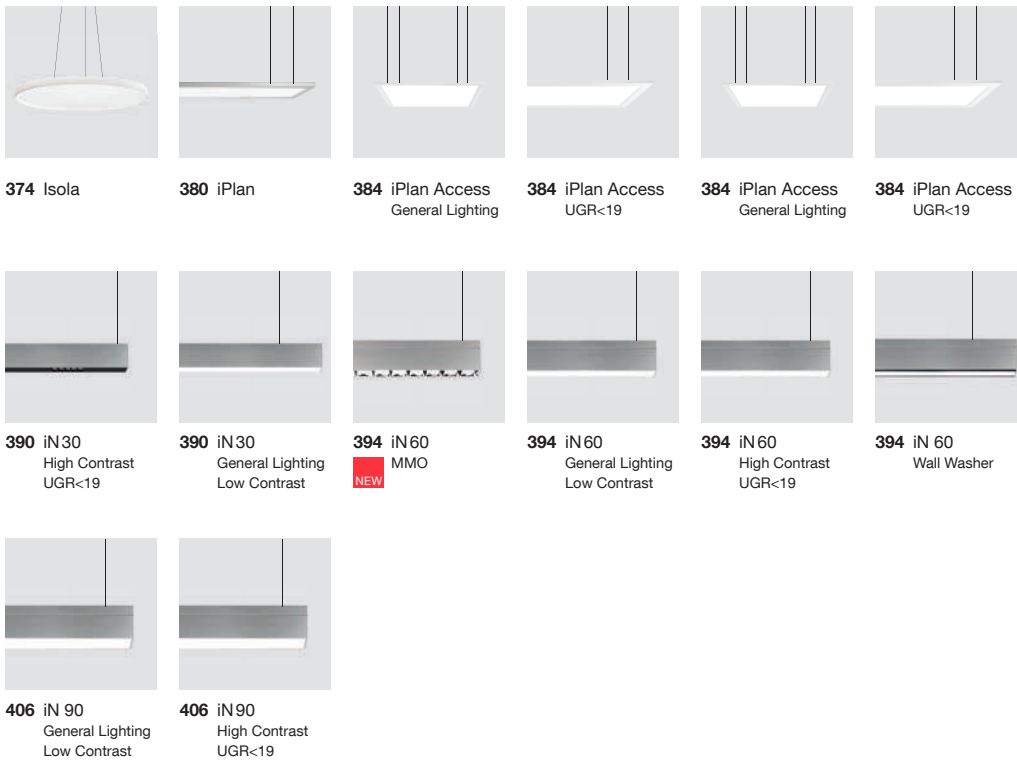
362 Low Voltage
Track
Downlight

342 Superrail
Pendant

350 Superrail
downlight

342 Superrail
Ceiling

**General lighting systems
Pendants**



374 Isola

380 iPlan

384 iPlan Access
General Lighting

384 iPlan Access
UGR<19

384 iPlan Access
General Lighting

384 iPlan Access
UGR<19

390 iN30
High Contrast
UGR<19

390 iN30
General Lighting
Low Contrast

394 iN60
IMMO

394 iN60
General Lighting
Low Contrast

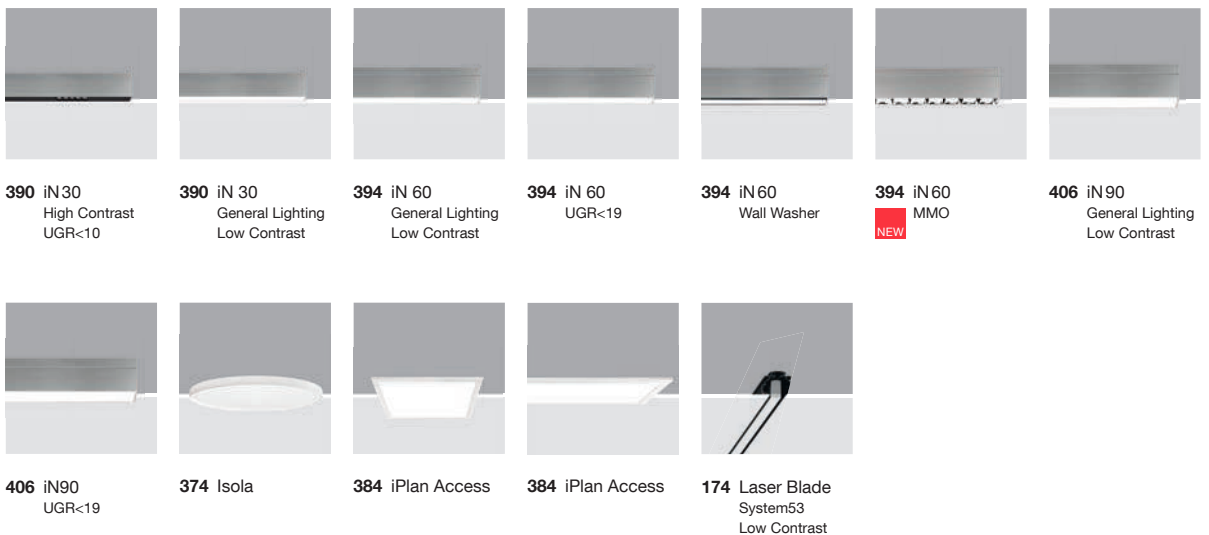
394 iN60
High Contrast
UGR<19

394 iN60
Wall Washer

406 iN90
General Lighting
Low Contrast

406 iN90
High Contrast
UGR<19

Downlights



390 iN30
High Contrast
UGR<10

390 iN30
General Lighting
Low Contrast

394 iN60
General Lighting
Low Contrast

394 iN60
UGR<19

394 iN60
Wall Washer

394 iN60
IMMO

406 iN90
General Lighting
Low Contrast

406 iN90
UGR<19

374 Isola

384 iPlan Access

384 iPlan Access

174 Laser Blade
System53
Low Contrast

Product Overview - Indoor lighting systems

Pendants



422 Laser Blade XS



426 Laser



426 Laser with decorative ring



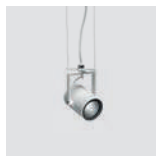
420 iSign



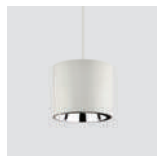
418 Gem



270 Le Perroquet



274 Front Light



448 Easy Pendant
NEW



416 Drop by Drop Chrome-finish
NEW



416 Drop by Drop Opal
NEW

Ceiling / wall / floor mounted luminaires



436 Laser Blade XS High Contrast



436 Laser Blade XS High Contrast



436 Laser Blade XS High Contrast



440 Laser Blade XS General Lighting Pro



440 Laser Blade XS General Lighting Pro



442 Laser Blade XS Wall Washer



442 Laser Blade XS Wall Washer Super Comfort LGC



444 Laser



444 Laser with decorative ring



390 iN30 High Contrast UGR<19



390 iN30 General Lighting Low Contrast



394 iN60 Low Contrast UGR<19



394 iN60 Wall Washer



394 iN60 MMO
NEW



406 iN90 General Lighting Low Contrast



406 iN90 Low Contrast UGR<19



420 iSign



384 iPlan Access



384 iPlan Access



768 iPro



452 Cup



460 Motus Pictogram
NEW



458 Motus Escape Anti-panic
NEW



462 Bos



448 Easy Ceiling
NEW



456 Motus Downlight / Surface
NEW



270 Le Perroquet



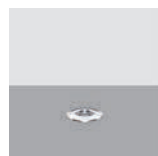
284 View



380 iPlan



760 Light Up Orbit body in stainless steel



760 Light Up Orbit body in stainless steel

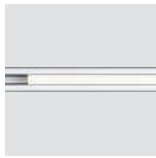


682 Light Up Orbit technopolymer body all glass diffuser



682 Light Up Orbit technopolymer body all glass diffuser

Ceiling / wall / floor mounted luminaires



465 Underscore



478 Underscore Grazer



652 Underscore InOut



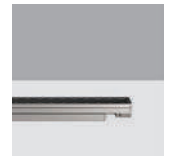
668 Underscore InOut - Dive



602 Linealuce Mini 47



616 Linealuce Mini 37



628 Linealuce compact 47 **NEW**



636 Linealuce Compact 75

Floor lamps and table lamps



380 iPlan



483 PizzaKobra

Emergency appliances



460 Motus Pictogram **NEW**



456 Motus Downlight / Surface **NEW**

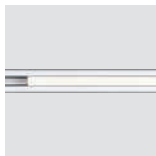


458 Motus Escape Anti-panic **NEW**



458 Motus Escape Anti-panic **NEW**

Specific lighting effect luminaires



466 Underscore



478 Underscore Grazer



652 Underscore InOut



668 Underscore InOut - Dive



880 Trick Radial recessed luminaire



880 Trick Radial



880 Trick Radial with transformer



882 Trick Light Blade 180°



882 Trick Light Blade 180°



882 Trick 360°



882 Trick RGB **NEW**



884 Trick Washer



884 Trick Washer



889 Pro \varnothing 51 downlight blade



889 iPro \varnothing 51 up/down light



JKS Future Arts Center, Shanghai China

Architectural and Lighting Project: Atelier Frederic Rolland
Shanghai Construction Design & Research Institute Co.,LTD
Photo: Seth Powers

Product Overview - Outdoor lighting systems

Pole-mounted systems



498 Albero



500 La Venaria



502 Fiamma



504 Anello

NEW



507 UFO



514 Crown



518 Twilight
Joburg



518 Twilight
Bilbao



518 Twilight
Bilbao

NEW



518 Twilight
Paris

NEW



518 Twilight
Canberra



518 Twilight
Odense



527 Platea Pro



533 Lavinia



537 Delphi



542 iTeka



545 Wow



551 Archilede HP



557 Quid



562 Street

Multiple pole/ wall-mounted floodlights



568 MultiPalco
InOut



568 MultiPalco
Frammer
InOut



576 MultiWoody

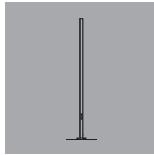


572 MultiPro



580 MultiPlatea

Poles



586 Cylindrical
pole



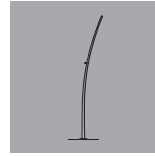
587 Cylindrical
pole with tang



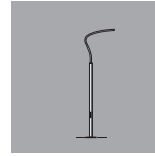
588 Tapered pole



589 Conical
pole



590 Curved
conical pole



591 Pole with
curved arm

Wall-mounted applications



502 Fiamma



507 UFO



518 Twilight
Joburg



518 Twilight
Bilbao



518 Twilight
Canberra



518 Twilight
Bilbao

NEW



518 Twilight
Paris

NEW



527 Platea Pro



533 Lavinia
System



537 Delphi



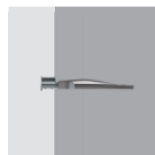
545 Wow



551 Archilede HP



557 Quid



562 Street



542 iTeka

Product Overview - Outdoor lighting systems

Linear face lighting systems



602 Linealuce
Mini 47
Surface



610 Linealuce
Mini 47
NEW recessed
luminaire



616 Linealuce
Mini 37
Surface



622 Linealuce
Mini 37
recessed
luminaire



628 Linealuce
Compact 47
NEW Surface



636 Linealuce
Compact 75
Surface



642 Linealuce
Compact 75
recessed
luminaire



652 Underscore
InOut 10 Side



656 Underscore
InOut 16 side



656 Underscore
InOut 16 top



668 Underscore
InOut 16 top
- Dive



420 iSign

Floodlights



682 Agorà
Mini
NEW



682 Agorà
Mini
NEW



682 Agorà
Mini
NEW



690 Agorà
Compact
NEW



690 Agorà
Compact
NEW



690 Agorà
Compact
NEW



690 Agorà
Compact
NEW



698 Palco InOut
ø 30



699 Palco InOut
ø 49



698 Palco InOut
ø 83



704 Palco InOut
ø 83



704 Palco InOut
ø 119



704 Palco InOut
ø 137



704 Palco InOut
ø 153



710 Palco InOut
Framer
ø 30



710 Palco InOut
Framer
ø 116



710 Palco InOut
Framer
NEW ø 116



728 Miniwoody
ø 85



728 Woody
ø 140



732 MaxiWoody
ø 260



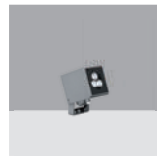
732 MaxiWoody
ø 315



732 MaxiWoody
ø 380



717 iPro ø 51



717 iPro ø 81



720 iPro ø 132



720 iPro ø 155



720 iPro ø 192



738 Platea Pro
Glass/Aluminium



738 Platea Pro
Glass/Aluminium



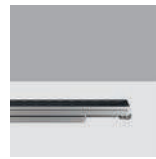
744 iTekka



602 Linealuce
Mini 47
Surface



616 Linealuce
Mini 37
Surface

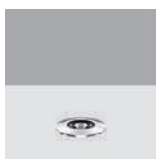


628 Linealuce
Compact 47
NEW Surface



746 Lingotto

**Recessed
luminaires**
Floor/garden



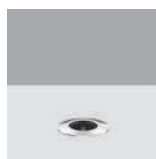
760 Light Up Orbit
stainless steel
body
Fixed



760 Light Up Orbit
stainless steel
body
Signalling



760 Light Up Orbit
stainless steel
body
Diffuser



760 Light Up Orbit
stainless steel
body
Light Blade



760 Light Up Orbit
stainless steel
body
Wall Washer



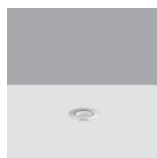
760 Light Up Orbit
stainless steel
body
Wall Washer
super comfort



768 Light Up Orbit
NEW stainless steel
body
flush frame
Fixed



768 Light Up Orbit
NEW stainless steel
body
flush frame
Elliptical



768 Light Up Orbit
NEW stainless steel
body
flush frame
Diffuser



768 Light Up Orbit
NEW stainless steel
body
flush frame
Light Blade



768 Light Up Orbit
NEW stainless steel
body
flush frame
Wall Washer



774 Light Up Orbit
NEW stainless steel
body
all glass
Fixed



774 Light Up Orbit
NEW stainless steel
body
all glass
Elliptical



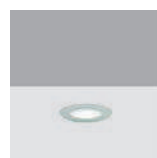
774 Light Up Orbit
NEW stainless steel
body
all glass
Light Blade



774 Light Up Orbit
NEW stainless steel
body
all glass
Wall Washer



780 Light Up Orbit
technopolymer
body
stainless steel frame
Signalling



780 Light Up Orbit
technopolymer
body
all glass diffuser



780 Light Up Orbit
technopolymer
body
all glass diffuser



786 Light Up Earth
Fixed



786 Light Up Earth
Diffuser



786 Light Up Earth
Light Blade



786 Light Up Earth
Orientable



786 Light Up Earth
Wall Washer



786 Light Up Earth
Wall Washer
Super comfort



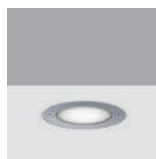
794 Light Up Earth
NEW flush frame
Fixed



794 Light Up Earth
NEW flush frame
Adjustable



794 Light Up Earth
NEW flush frame
Wall Washer



794 Light Up Earth
NEW flush frame
Diffuser



794 Light Up Earth
NEW flush frame
Wall Washer
Super comfort



802 Light Up Walk
Professional
Dual Orientation



804 Light Up
Balisage



610 Linealuce
NEW Mini 47
recessed
luminaire



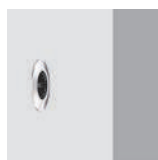
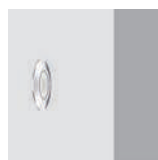
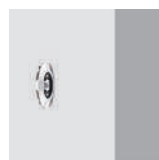

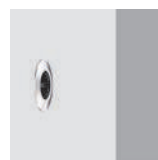











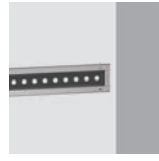


622 Linealuce
Mini 37
recessed
luminaire












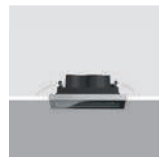

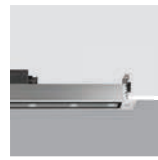
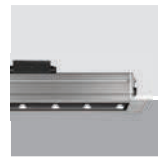
642 Linealuce
Compact 75
recessed
luminaire

Product Overview - Outdoor lighting systems




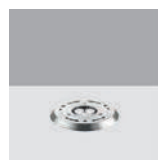

Wall-mounted recessed luminaires

						
760 Light Up Orbit stainless steel body Fixed	760 Light Up Orbit stainless steel body Diffuser	760 Light Up Orbit stainless steel body Wall Washer	760 Light Up Orbit stainless steel body Wall Washer super comfort	760 Light Up Orbit Light Blade	780 Light Up Orbit technopolymer body stainless steel frame Floor Washer	780 Light Up Orbit technopolymer body stainless steel frame Floor Washer
						
780 Light Up Orbit technopolymer body stainless steel frame Floor Washer	806 Walky ø 50	806 Walky ø 100	806 Walky ø 200	806 Walky ø 50	806 Walky ø 90	806 Walky ø 180
						
806 Walky ø 180x45	806 Walky ø 270x90	610 Linealuce Mini 47 Recessed luminaire	622 Linealuce Mini 37 Recessed luminaire	642 Linealuce Compact 75 Recessed luminaire		

Ceiling-mounted recessed luminaires

						
760 Light Up Orbit stainless steel body Fixed	760 Light Up Orbit stainless steel body Diffuser	760 Light Up Orbit stainless steel body Light Blade	760 Light Up Orbit stainless steel body Wall Washer	760 Light Up Orbit stainless steel body Wall Washer super comfort	880 Trick Radial recessed luminaire	816 iRound Fixed
						
816 iRound Adjustable	816 iRound Wall Washer	820 Laser Blade InOut	610 Linealuce Mini 47 Recessed luminaire	622 Linealuce Mini 37 Recessed luminaire	642 Linealuce Compact 55 Recessed luminaire	

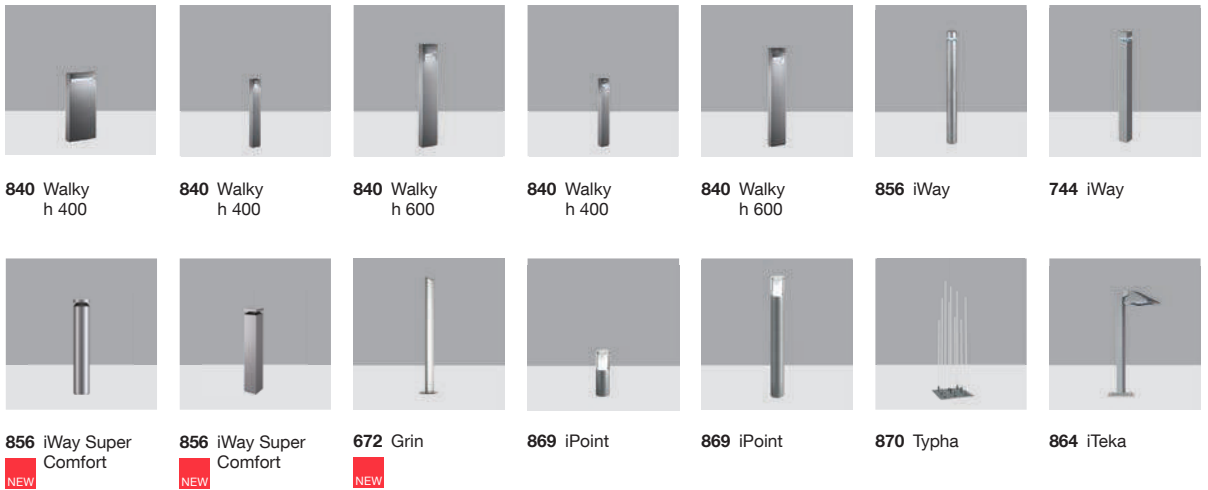
Underwater luminaires

				
826 Underscore InOut 16 top - DIVE	830 WaterApp ø 83	830 WaterApp ø 105	832 WaterApp ø 136	832 WaterApp ø 176

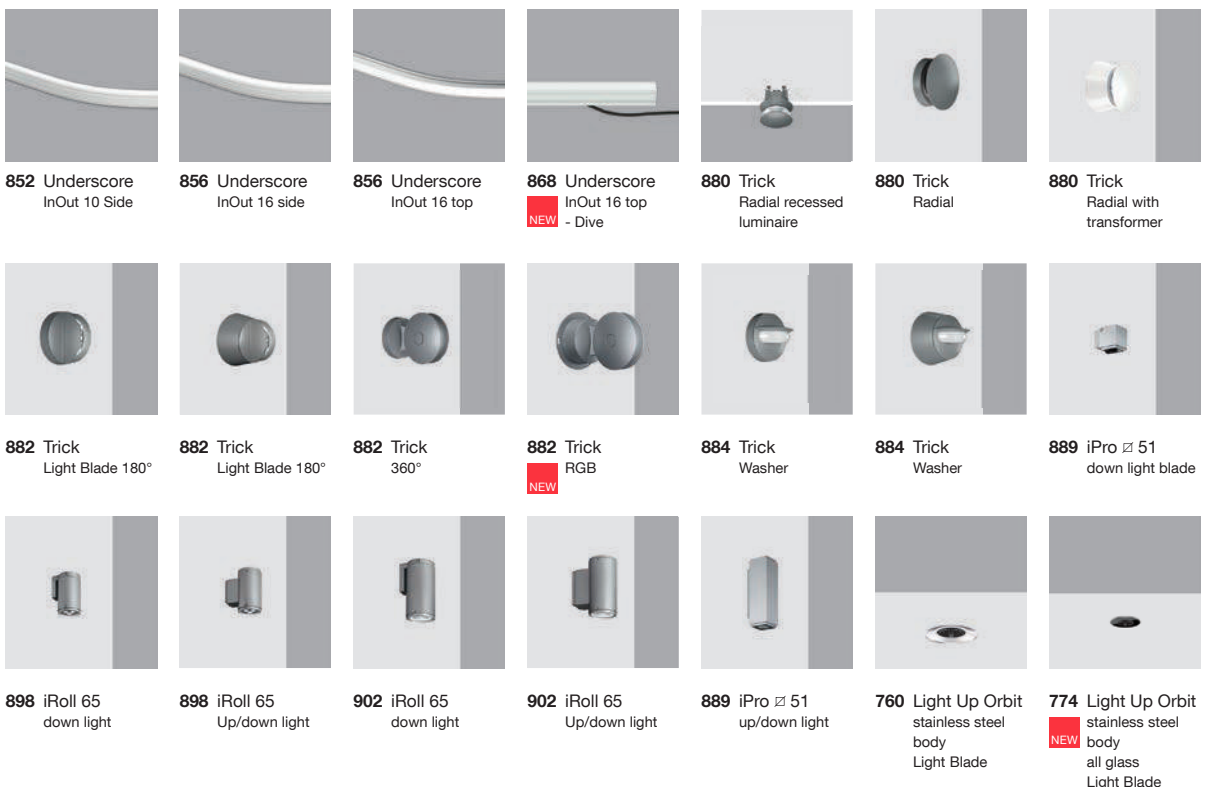
Bollard



Systems for residential areas



Lighting effect



Product Overview - Outdoor lighting systems

Lighting effect



768 Light Up Orbit
stainless steel
NEW body
flush frame
Light Blade



774 Light Up Earth
Light Blade

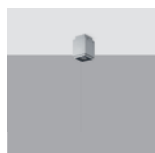
Wall and ceiling-mounted luminaires



876 Laser Blade
InOut



876 Laser Blade
InOut



889 iPro
∅ 51



889 iPro
∅ 81



892 iPro
∅ 132



892 iPro
∅ 155



892 iPro
∅ 192



898 iRoll 65
∅ 78



898 iRoll 65
∅ 109



902 iRoll 65
∅ 165



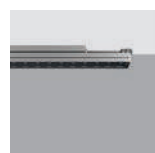
902 iRoll 65
∅ 218



602 Linealuce
Mini 47
Surface



616 Linealuce
Mini 37
Surface



602 Linealuce
Compact 47
Surface



636 Linealuce
Compact 75
Surface



876 Laser Blade
InOut



876 Laser Blade
InOut



889 iPro
∅ 51



889 iPro
∅ 81



892 iPro
∅ 132



892 iPro
∅ 155



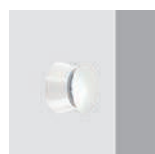
892 iPro
∅ 192



889 iPro ∅ 51
up/down light



880 Trick
Radial



880 Trick
Radial with
transformer



882 Trick
Light Blade 180°



882 Trick
Light Blade 180°



882 Trick
360°



884 Trick
Washer



884 Trick
Washer



904 Walky
∅ 100



904 Walky
∅ 200



904 Walky
∅ 90



904 Walky
∅ 180



904 Walky
∅ 270x90



847 Lander

Product Overview Intelligent Light Solutions

- 798 Overview
- 800 Smart Light Control / Light Management System
- 802 Smart Services
- 804 Smart Light Control + Smart Services

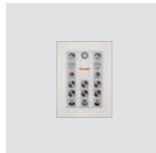


920 Quick BLE

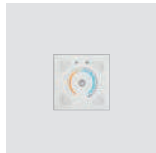
NEW



924 Quick DALI
DALI Touch
display 7"



925 Quick DALI
DALI Touch
panel TWRGB /
TW



925 Quick DALI
DALI Touch
panel TWRGB /
TW



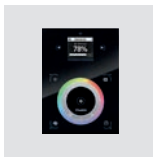
926 Quick DALI
DALI Touch
Slide TW



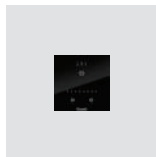
928 Quick DALI
LMS Quick



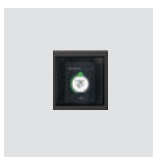
932 Quick DALI
Colour Quick



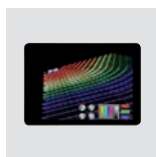
934 Quick DMX
Touch DMX 512



934 Quick DMX
Touch DMX 128



936 Master Pro
Evo KNX



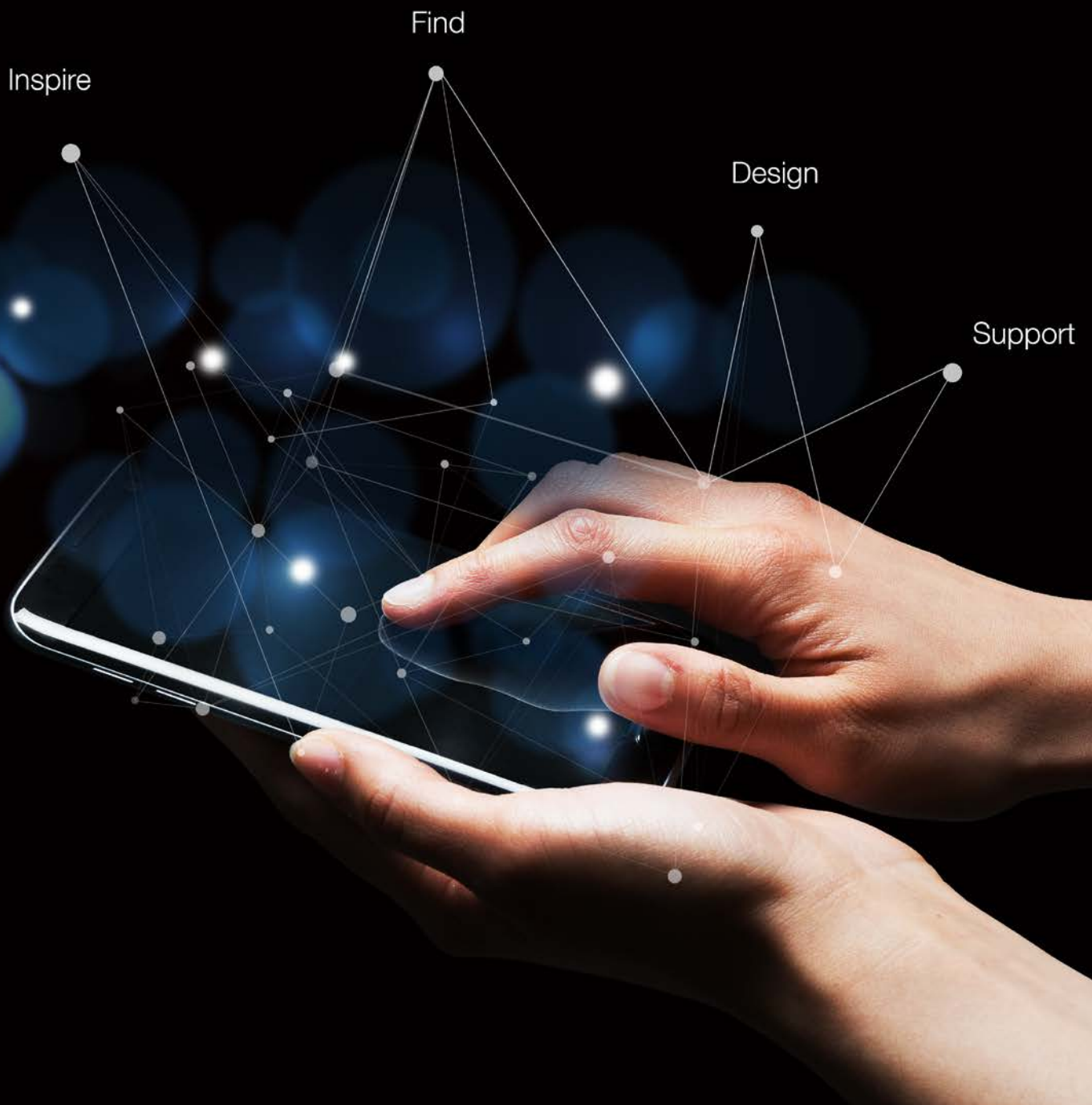
944 Master Pro
DMX

iGuzzini Suite

Welcome to the new iGuzzini Suite - a selection of exclusive digital tools to inspire and guide your design towards better and faster solutions.

Get Inspired: we are bringing the success of The Lighting Experience into the digital world. We are sharing the best technical lighting projects in the world on the web and on our social media channels. **Find your product:** we make product search even easier offering the option to filter the search by category or by selecting the required characteristics. **Design your light:** we design the effect by adding accessories, lenses and configurators. We have created a personal "Favourites" area where you can save selected products and use them for future projects.

We constantly update our design software with the required photometric data. Always, everywhere and with everyone: **iGuzzini Suite** moves with you, adapts to your needs and assists you at all times.



Get Inspired

The Light Experience was developed to allow choosing products based on the lighting effects they can generate. This is our approach: we start from the result and then put forward the design solution.

The Light Experience has become the hands-on place for the perfection of light in the perfection of darkness.

Today, space is increasingly virtual, especially in design stages, and this is why we have developed a digital

version of The Light Experience. Here, designers are guided through rooms dedicated to specific effects or can digitally handle one or more products to try them out and appreciate their design. The Light Experience is now an extraordinary, incredibly real experience, a work tool that can be used anywhere at any time.



// **Explore** the virtual rooms and
let yourself be inspired

// Highlight your ideas
with a single click

// Handle the product,
touch its design, move it,
switch it on

// **Build your effect**,
changing optics, intensity,
accessories, colour
temperature, isolux

// **Anywhere, at any time,**
with anyone

**A working tool
for light inspiration**

thelightexperience.iguzzini.com



Get Inspired

There is strong integration between light and the application where the product is the technical solution. We are well aware that inspiration for designers can happen at any time: there are those who draw inspiration from nature, those who travel and those who browse through books. Each one has different subjective and temporal dimensions.

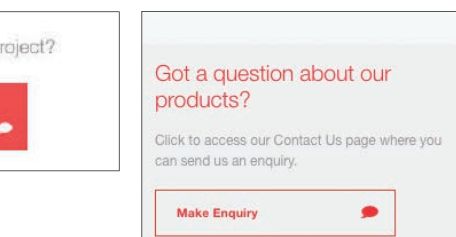
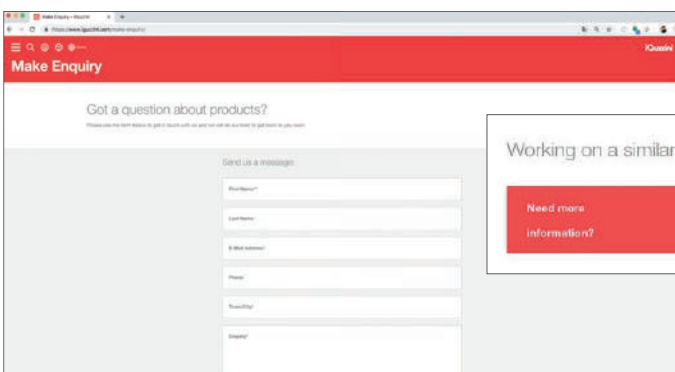
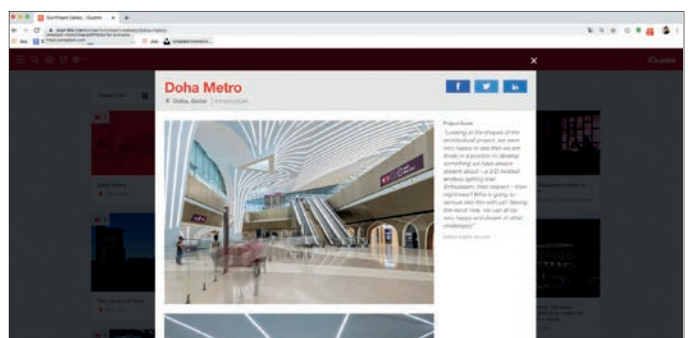
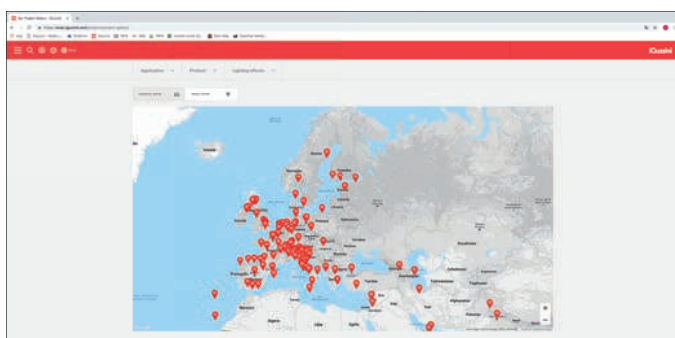
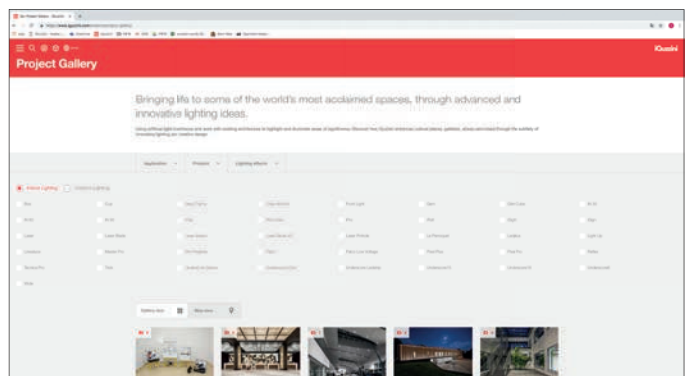
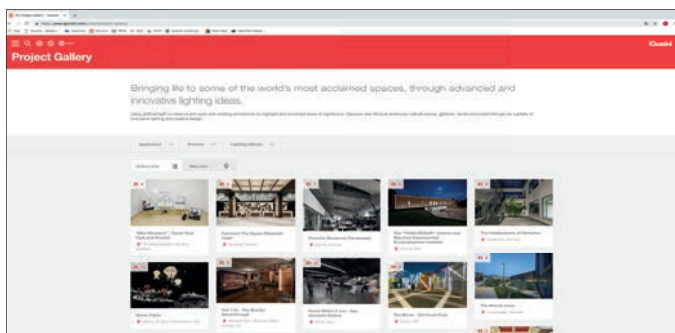
Today, more than ever before, we live in a society based on imagery and we find inspiration in images, directly

through our devices, without having to move. We want to share not only our photo gallery of featuring projects from around the world, but also their history, by highlighting the important role that light plays in achieving the final effect. This is what we do every day through all channels: from the website to social media channels such as Pinterest and Instagram.

The aim is to boost user experience.

Projects

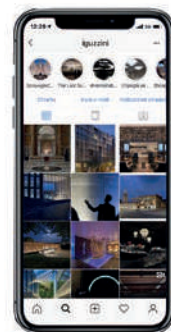
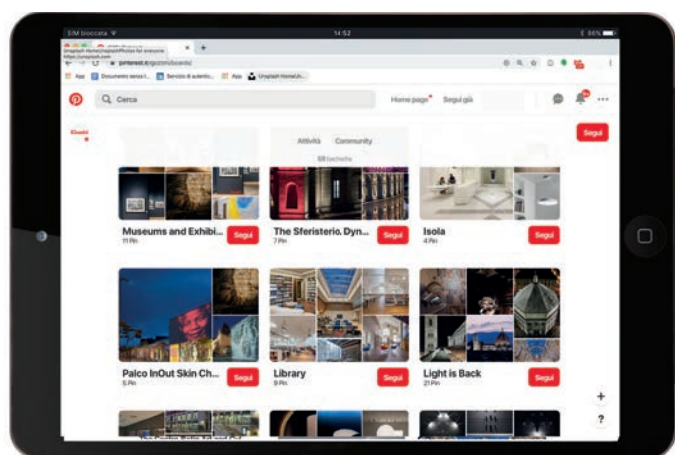
You can search projects by selecting the reference application area (Culture, Hospitality & Living, Infrastructure, Retail, Urban, Working). In addition to imagery, each project is accompanied by a broad description complete with lighting details and a list of the products used.



We provide online and social media tools to inspire, assist and facilitate the work of designers around the world. Information is also available off-site: simply complete the on-line form requesting more details from the iGuzzini team.

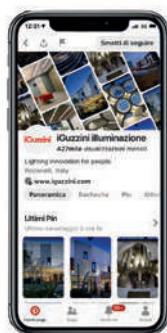
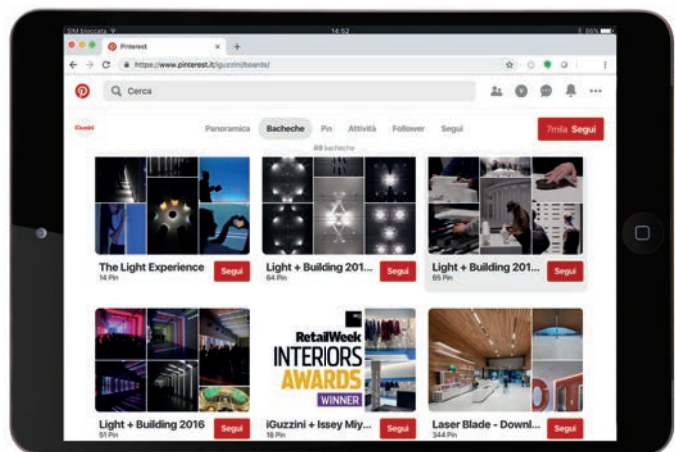
Instagram

Instagram is by now defined, given its popularity, as a live broadcaster. From simple sharing of photos, we expand into videos and even GIFs, bringing continuous updates. Storing photographic or video content is immediate.



Pinterest

Pinterest is a source of applicational inspiration for everyone. There are Product and Application Area Boards. Images of projects/products can be linked with their descriptions on the website. Constantly updated with inspiring content that is easy to read and share.



Find your product

Product searches can be based on category and product line where - by selecting between Indoor/Outdoor application categories and then identifying the pertinent line - you can find product codes and their fact files highlighting the main features and content you can then download. It is also possible to perform code-driven searches using the "Code Finder" functionality. Quick Download is also available (i.e. data sheets, installation

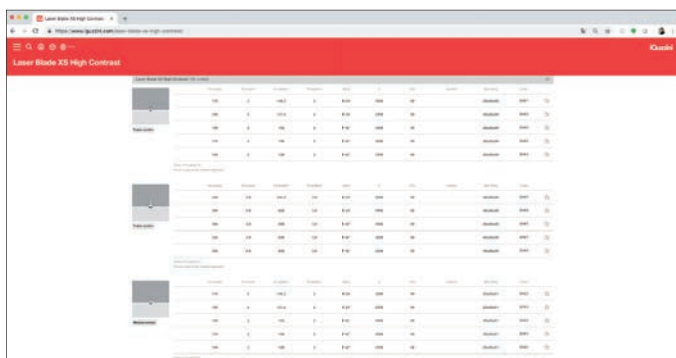
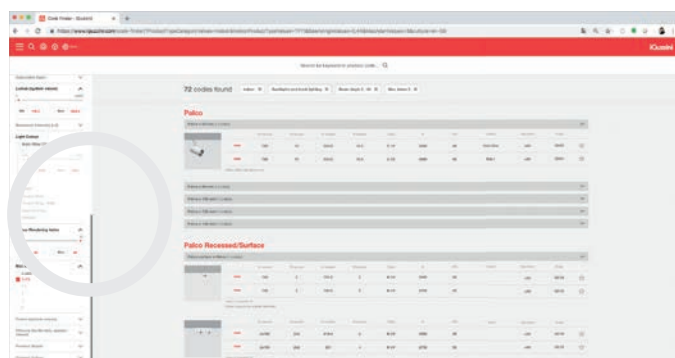
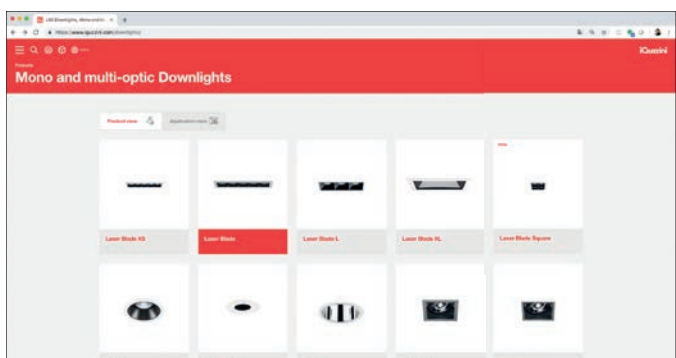
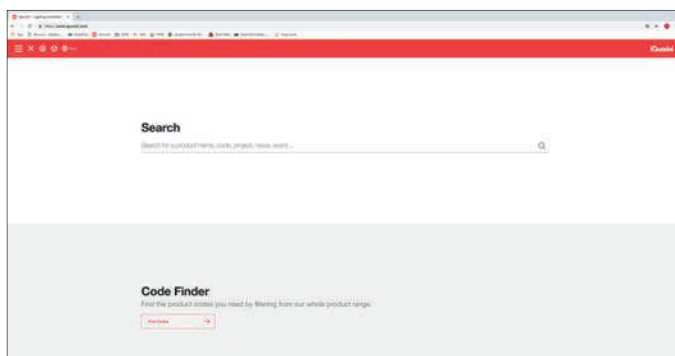
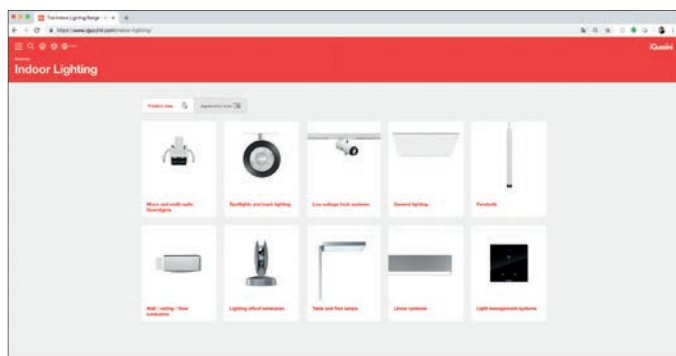
instructions sheet, photometric data, 2D/3D drawings, certificates, Dialux, Revit plug-ins ...) as well as Advanced Download where, by selecting a specific source of light and optical accessories, you can obtain customised documentation. We highlight product news by also including multimedia content for in-depth analysis and inspiration.

Website / Product section

Product searches can be based on category and product line where - by selecting between Indoor/Outdoor application categories and then identifying the pertinent line - you can find product codes and their fact files highlighting the main features and content you can then download.

Code Finder

Guided searches are possible by entering the required characteristics (e.g. product type, optics, UGR, G*, CRI, colour temperature, power, efficiency, IP, IK, etc ...) through to selecting the exact code based on your needs. In this case, a data card for the selected code is provided for download, displaying all the main features and content.



Product searches are made even easier by offering direct or guided access by category. All documents that can be associated with the product code are available online, including multimedia content.

Configurators

Designers are guided through the configuration of the line of light after entering the project data, including the required length, version data for the system selected and information about electrical aspects. In just a few steps, the configurator processes the proposal and provides the list of products and components needed to meet the project input, as well as generating an assembly report. Everything can be exported into Dialux.



Design your Light

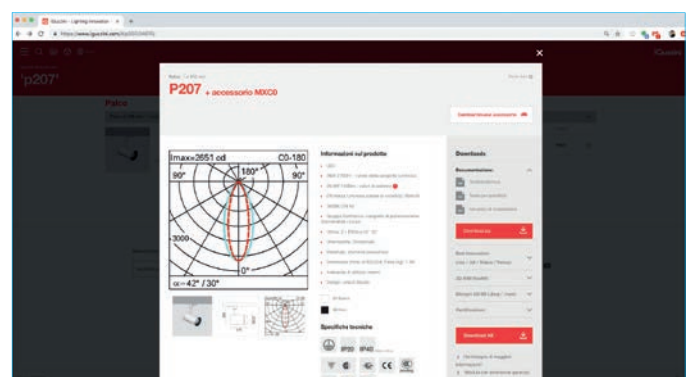
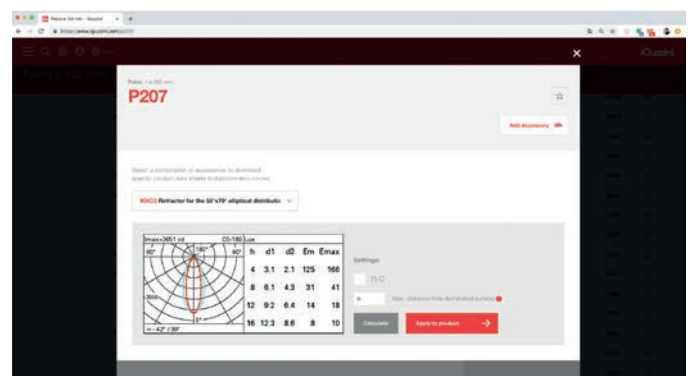
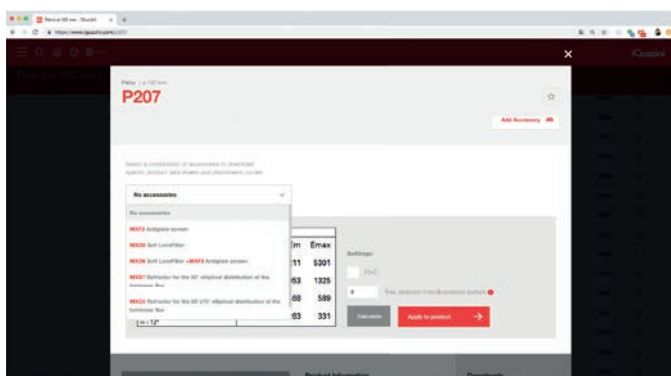
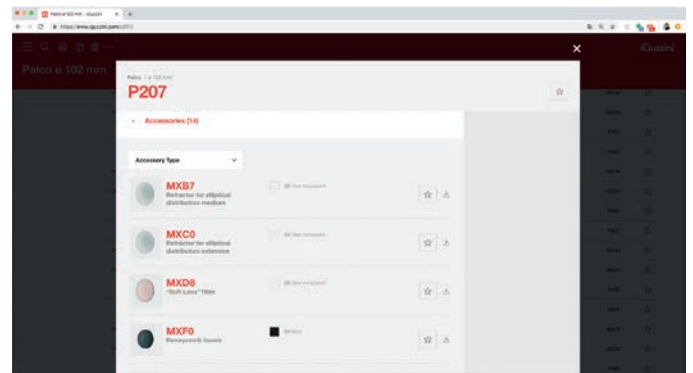
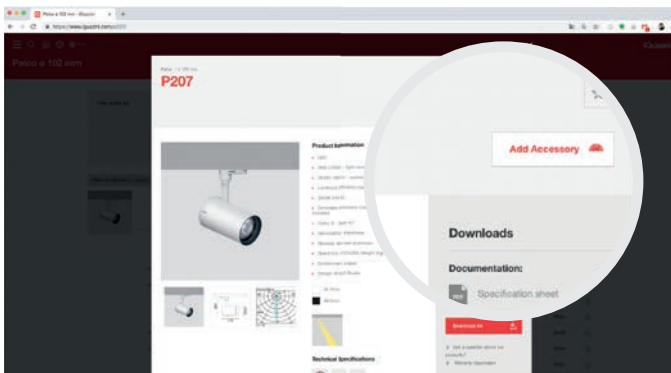
Useful, transparent and constantly updated information. By accessing the product code page on the website, you can now apply optical accessories or select specific options. Refractive screens, elliptical distribution filters and coloured filters are just some of the many accessories you can apply to our products to create the desired lighting effect. Source and system luminous flux ranges, chromatic quality, LED lifespan and reliability, visual quality and glare

control, electronics and installation details, photometrics that also include the chosen accessory, are just some of the parameters enhanced in the on-line data cards, and updated on a daily basis. We customise the user's online experience by making it possible to save solutions in a "Favourites" area, include them in your personalised "collections" and then share them with other users. From idea to lighting, to create customised collections.

Accessories

By accessing the product code page on the website, you can now apply optical accessories or select specific options. Refractive screens, elliptical distribution filters and coloured filters are just some of the many accessories you can apply to our products to create the desired lighting effect. By combining an accessory or a combination of accessories with

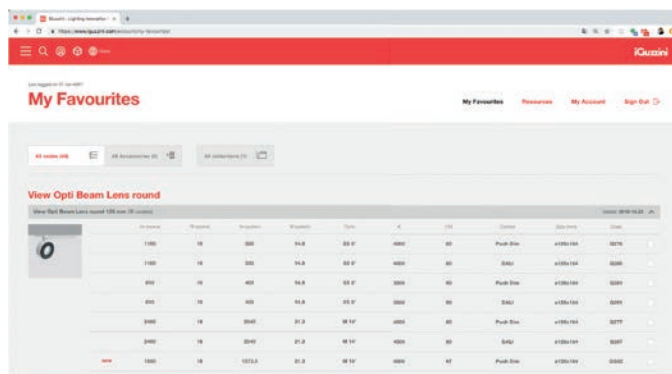
the chosen code, you can download the technical data sheet and the photometric curves in IES, LDT and DIALUX formats for the product complete with the selected accessories customised according to your needs.



Work better together online. We have turned the web environment into a useful personalised digital tool where you can create your "favourite" collection of product codes and share it with other users. You can build your lighting solution by choosing codes and accessories, complete with data that is always up-to-date.

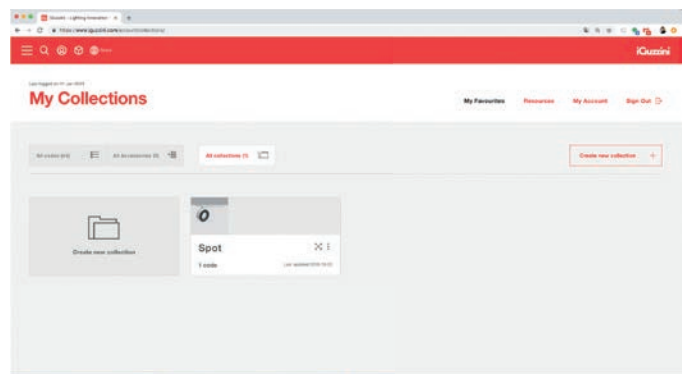
Favourites

The "My Favourites" function helps you build your own catalogue, save selected products and store them in various project folders. This means it is always easier and faster to access your favourite solutions, by creating your experience library to facilitate working on future projects.



Collections

The "Collections" screen means you can organise products in Collections by selecting them and then clicking on the "Add to collection" button. Click on "Collections" to create, modify and share new ones.



Formats can be integrated into BIM systems

Our photometric curves are also available in Autodesk Revit BIM format so that they can be integrated into the BIM shared design platform ("Building Information Modelling"). The files can be downloaded from the product code page at iguzzini.com



Quality First

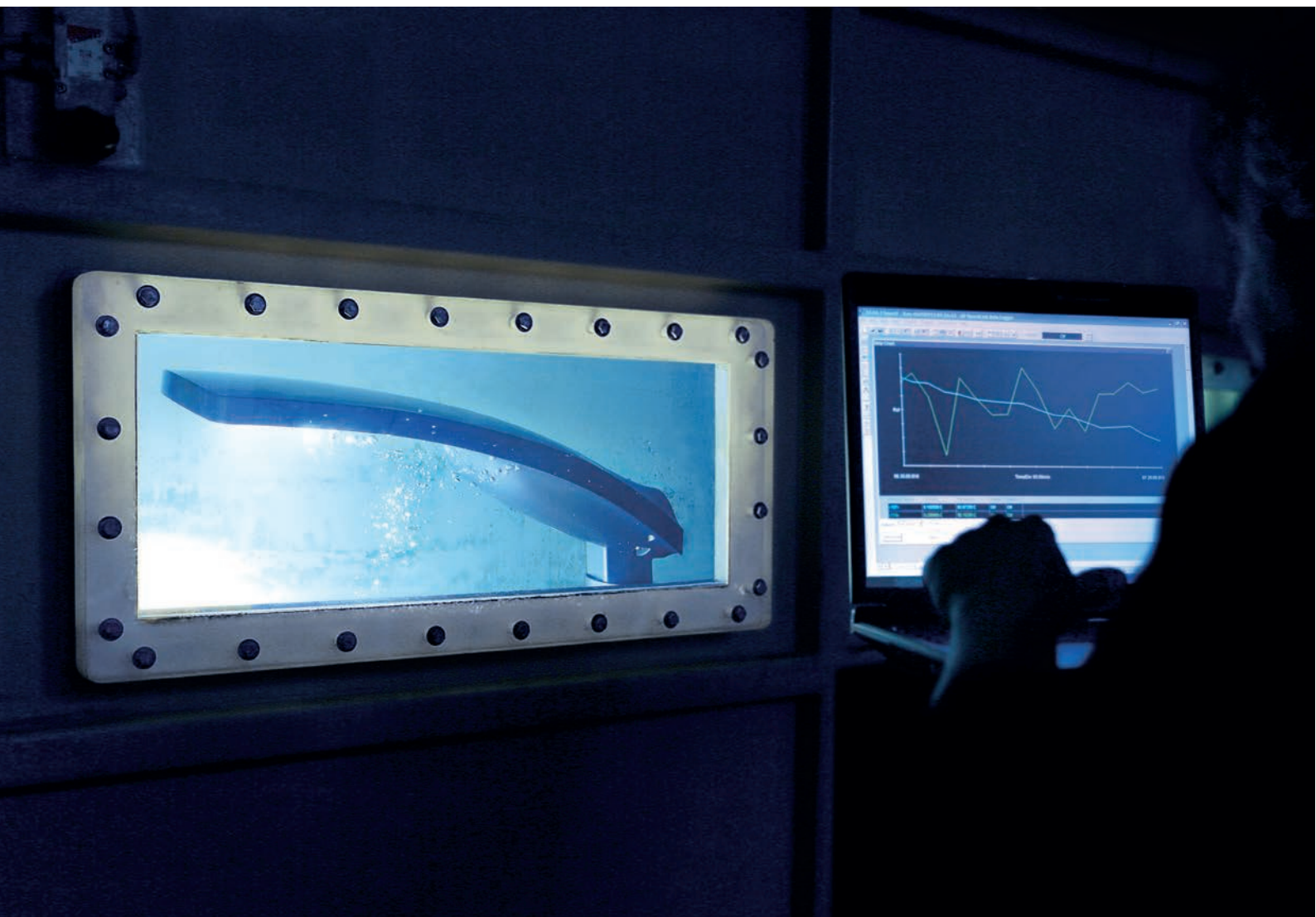
We are an international community at the service of architecture and the development of a culture of light to enhance the beauty of the world and make it a place for social innovation. **Quality** is embodied in processes, solutions, professional relationships, workplaces, respect and involvement of people to encourage continuous training and updating. We implement **World Class Manufacturing** to ensure quality, reliability and safety. Thanks to continuous research, **design** and intense dialogue with the lighting community, we develop innovative and intelligent indoor and outdoor lighting solutions. For us, every **project** is an entire world. A world where we seek to improve the quality of life for every individual and for the environment, every single day.



Industry

Since as early as 1973, compliance with safety regulations and the most stringent international standards have been at the heart of all our work. The Photometric Laboratory has helped ensure the attainment of important certifications. The Standards Laboratory has been recognised and accredited by **ENEC/UL** - one of the first to receive this acknowledgement in Europe - and CQCC (China Quality Certification Centre), in accordance with the WMT IECEE procedure (Worldwide System for Conformity Testing and

Certification of Electrotechnical Equipment and Components) for the issue of the **CCC** (China Compulsory Certification) mark in accordance with IEC standards. The WMT and CTDIP accreditations attest that the laboratory operates in accordance with international testing laboratory quality standards (ISO IEC 17025). Experience, rigour, professional expertise and the excellent reputation of our brand ensure the reliability, safety and performance of our products.



Company Certifications

1994 ISO 9001 Company Quality Certification
2008 ISO 14001 Company Environmental Certification
2014 ISO 50001 Company Energy Management Systems Standard Certification

Product Certifications

since **1976** all products had the IMQ mark
since **1996** all products had the ENEC mark
since **2004** all products had the CCC mark

Safety Standard Certifications

1973 launch
1992 IMQ accreditation/S.M.T. procedure to obtain IMQ and ENEC marks (as well as DEMKO/UL)
2004 UL accreditation (Underwriters Laboratories) to obtain the UL mark
2011 CQCC accreditation (China Quality Certification Center) to obtain the CCC mark (China Compulsory Certification).

Photometric Certifications

1981 start up
1997 IMQ accreditation to obtain the IMQ Performance mark - certification of photometric and energy efficiency data
2011 UL accreditation for operating in accordance with the LM79 standard - certification of photometric and energy efficiency data

In 2014, iGuzzini acquired **World Class Manufacturing** status. WCM fundamentally embraces Total Productive Maintenance methods, Lean Manufacturing logistics and Total Quality Management, all of which are assessed in accordance with their economic impact. All teams focus their activities on the development of projects sharing the following objectives: **zero defects, zero faults, zero accidents and zero inventories** to ensure continuous improvement and overall reduction of factory costs. iGuzzini is **the world's only company in the Lighting sector**

to have adopted the WCM method, thereby qualifying as one of the leading international manufacturers of goods and services.

At the same time, we are already moving towards **Industry 4.0**, a mark that will characterize the world's most innovative companies based on the digital interconnection of industrial processes and analysis of the multitude of electronic data available in order to continuously improve processes.



Aria compressa
Compressed Air

Usa correttamente l'Energia. Non sprecarla. Chiudi l'aria quando la macchina non lavora. Se ti accorgi di una perdita d'aria, avvisa il caporeparto.

Use Energy correctly. Don't waste it! Turn off the air when the machine is not in use. If the machine leaks tell the department head.

WCM



Energia
Energy

Usa correttamente l'Energia. Non sprecarla! Spegni le macchine e gli impianti quando non li utilizzi! Spegni le luci quando non servono!

Use Energy correctly. Don't waste it! Turn off all machines not in use. Turn off the lights when not needed.

WCM



Acqua
Water

L'acqua è un bene prezioso. Non sprecarla! Chiudi sempre bene il rubinetto. Se il rubinetto perde avvisa il caporeparto.

Water is precious. Don't waste it! Always turn off the tap. If the tap leaks tell the department head.

WCM



Rifiuti
Waste

Gestisci i rifiuti in maniera corretta! Separa i rifiuti rispettando la raccolta differenziata.

Handle waste properly! Separate materials accordingly.

WCM

Design

Design, the founding element of our heritage, is not simply a question of style. It is something that affects the entire iGuzzini product development process. To guarantee top performance, reliability and optimum visual experience, designing a luminaire means combining elements that complement each other. This requires a wide range of skills and expertise in a variety

of disciplines. This is the only way to create elegant luminaires that decorate space while also controlling light emission so perfect visual quality is guaranteed for each and every context.



The design and technological innovation characteristic to the iGuzzini products is proven by the numerous awards received on an international scale. For a complete and constantly updated overview of the awards we have won over the years, consult the "iGuzzini Awards" Pinterest board.

Compasso d'Oro Awards / IF Design Awards / Red Dot Design Awards / FX International Awards / Lux

Awards / Lighting Design Awards / World Interiors Awards / ExpoRetail 2012 Awards / Good Design Awards / ADI Design Index Awards / Intel Design Award - Innovation&Design categories / Innovation Technology Design Awards / Janus de l'Industrie Awards / WIN Awards / Delta Awards / Light+Building Awards / AIT Awards / Brit Insurance Design Awards / Arc Innovation Awards / Darc Awards



Jean Michel Wilmotte
and Adolfo Guzzini

Every project counts

We continually define new ways of designing with light and new application contexts. Major urban, cultural and social projects offer new experiences and opportunities to highlight architectural details and enhance surfaces and volumes. Light is currently leading a profound architectural revolution. It has become central to the quality and well-being of any environment, including offices, museums, retail spaces and spiritual, professional and residential contexts as well as parks and gardens.

- 1 Bacci Chapel
Arezzo, Italy
- 2 Fifty One East Shoes & Bags
Doha, Qatar
- 3 Manacar Tower
Mexico City, Mexico
- 4 Evolution Tower
Moscow, Russia
- 5 Under
Båly, Norway
- 6 CopenHill
Copenhagen, Denmark
- 7 Primark Birmingham,
United Kingdom
- 8 Doha Metro
Doha, Qatar



- Culture
- Hospitality & Living
- Infrastructure
- Retail
- Urban
- Working

 pinterest.com/iguzzini

To view other projects, check out the iGuzzini Pinterest boards



Topics 20

2020 technological innovations

We invest in technological innovation as a way to sustain social innovation. We promote **creative light for creative cities** as an effective tool establishing creativity as a strategic aspect in sustainable urban development. Yet, there's more. We have advanced the concept of **People Centric Lighting** by developing lighting solutions that go beyond light in response to the needs of users in space and to promote formal and functional **integration with architecture**. **Intelligent light** broadens by offering new tools for Smart Light Control and Smart Services. **Safety and miniaturisation** through the new 24/48V ultra low voltage systems. Optics ensuring high **visual comfort** and a huge range of light distributions to build a **made-to-measure effect** and then achieve the **perfect effect**.



Creative Light for Creative Cities

Creativity is a strategic factor in sustainable urban development, creativity is the new urban inspiration sustaining social life, stimulating empathy, sensations and relationships. The city is the canvas where light writes vibrant new creative scenes. Creative light projects images and impressions into the city that dialogue with people, in a huge, widespread museum stretching from the centre into the suburbs. Light can become a new urban writing tool, writing at night and disappearing during

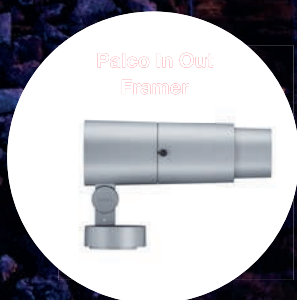
the day. The city becomes the source and container of social happiness, bringing places and people together. Art and beauty, all the more so if shared, expand our well-being and make us happier. The city changes, moves, is colourful and transforms itself to the rhythm of urban creativity.

Palco InOut: pag 76



Stasjonsallmenningen, Nordenga Bridge and Sørenga
Photographic rendering

Creative light generates connections between light, places and people, from the city centre into the suburbs, becoming an exciting tool for communication, with devices integrated into architecture and the overall urban context.



Lightlab - Urban Jungle
 Lightlab is a concept of Rexel Belgium
 Location: Jardin Botanique, Meise, Belgium

People Centric Lighting

Today, more than ever before, well-being expresses a new concept that is revolutionising our way of life and, consequently, our approach to design. The best light knows how to adapt to the specific needs of people living in the illuminated space. Variable light, in terms of temperature, colour and intensity, is able to recreate a dynamic environment in harmony with the external setting and people's biological rhythms. Yet this is not enough. Technological and digital requirements expand, as well

as the functions that indoor and outdoor settings must possess. Conversely, there is growing demand for purity in spaces thanks to "invisible" devices. The answer lies in functional and formal integration, over and above light as such. This is why we have developed Blade R - a device capable of integrating a multitude of functions into a single product to move from chaos to order in favour of better living spaces.

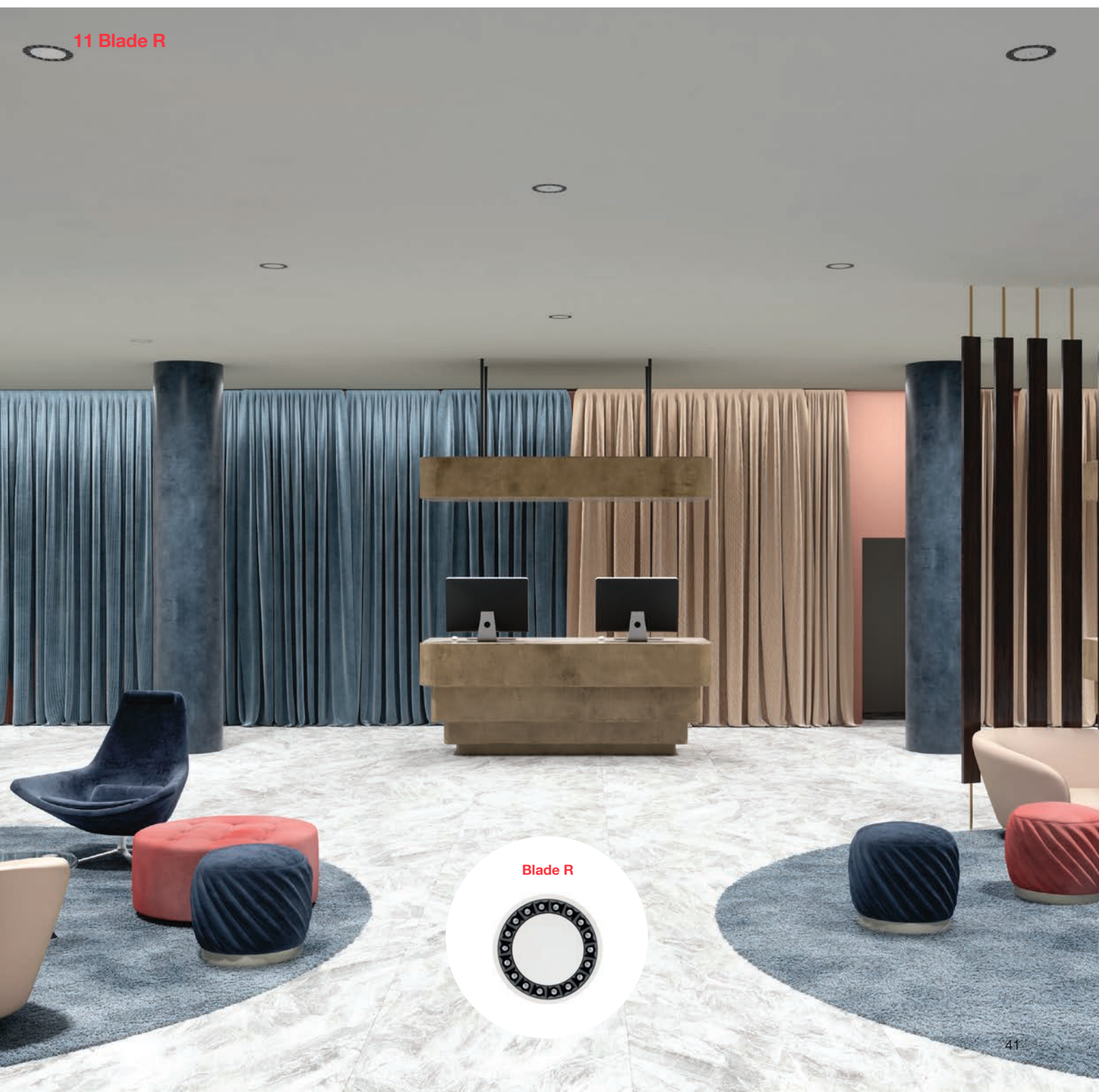
Blade R page: 56

32 devices



Design with a view to personal well-being means listening to people's needs and combining different skills. Integrating more advantages and more functions into a single product helps simplify management and ensure formal order.

11 Blade R

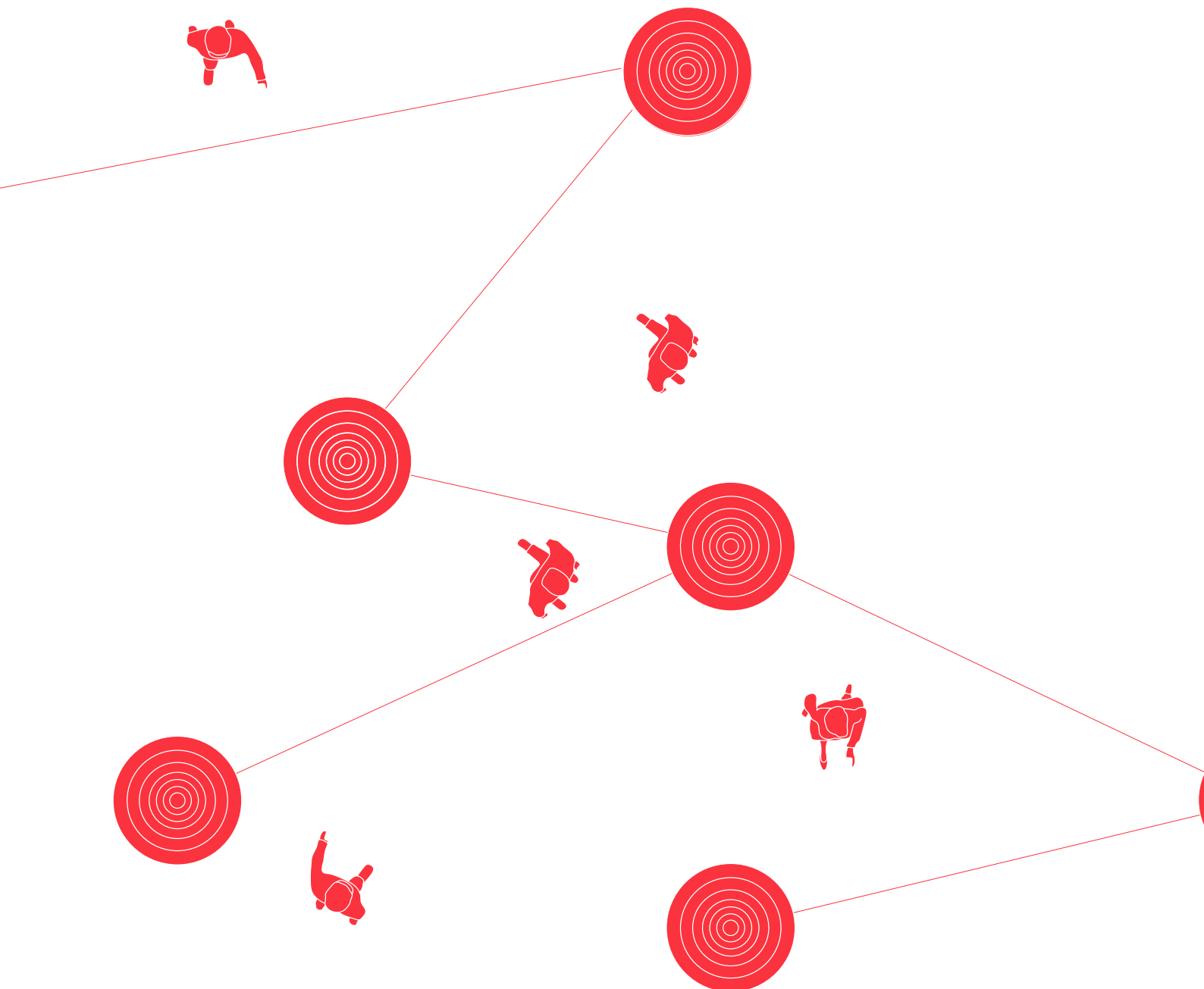


Blade R

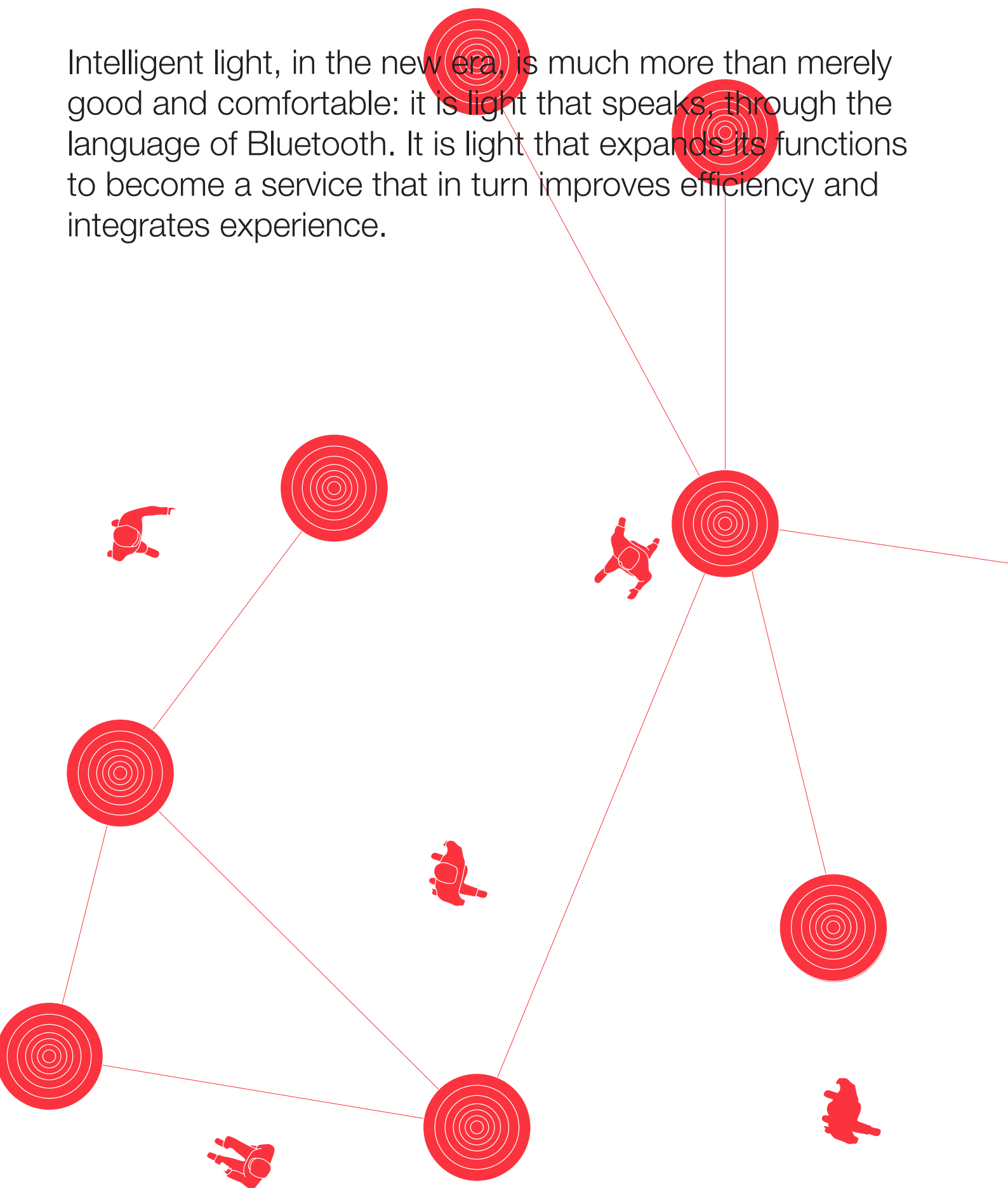
Intelligent Light

Our mission has always been to develop intelligent lighting solutions that are increasingly better aligned to the needs of people and the environment. Today, we are evolving the concept of the intelligence of light by integrating lighting systems with a widely used communication protocol inherent to all smart devices: Bluetooth Low Energy (BLE). We seek to use stable, simple and easily updated solutions that are, above all, relevant and available to all users. It is

now possible to manage every luminaire or setting directly from a smartphone (smart light control) or manage services such as push notifications, indoor navigation and space management (smart services). The standardised Zhaga fitting means that every pole-mounted street light becomes a node in a digital network, an active element in the smart city.



Intelligent light, in the new era, is much more than merely good and comfortable: it is light that speaks, through the language of Bluetooth. It is light that expands its functions to become a service that in turn improves efficiency and integrates experience.



Integration into architecture

Integration with architecture is a process of formal and functional agreement. The first step towards accomplishing this utopian vision is miniaturisation. Since the 1980s, we have sought to develop solutions that could be integrated into architecture, capable of illuminating buildings by inserting lighting appliances directly into them and subtract them from urban spaces. Compact and by no means invasive solutions. This step forwards, however, was

achieved through technological change: the dimensional aspect of LEDs set off a highly innovative and selective process that precisely involves the miniaturisation of optics and equipment. We consequently worked on design to achieve a shared dream: products so minimal that they cannot be seen despite being capable of delivering efficient, controllable and comfortable light directly from the architecture itself.



We worked on design to achieve the dream shared by designers: products so minimal that they cannot be seen despite being capable of delivering efficient, controllable and comfortable light directly from the architecture itself.



Doha Metro, Msheireb Station, Doha, Qatar
Architectural project: UNStudio
Lighting Project: AG Licht
Photo: Nigel Downes

Miniaturised, ultra low voltage systems

Electrical safety is not only a necessary condition but is also defining a new trend, for indoor and outdoor systems alike.

Electrical systems that use ultra low voltage have many advantages and offer opportunities for the development of increasingly integrated and sustainable solutions. Safety, first and foremost: the rating of ultra low voltage electric circuits avoids creating dangerous contact currents, especially in parts of the system within easy reach,

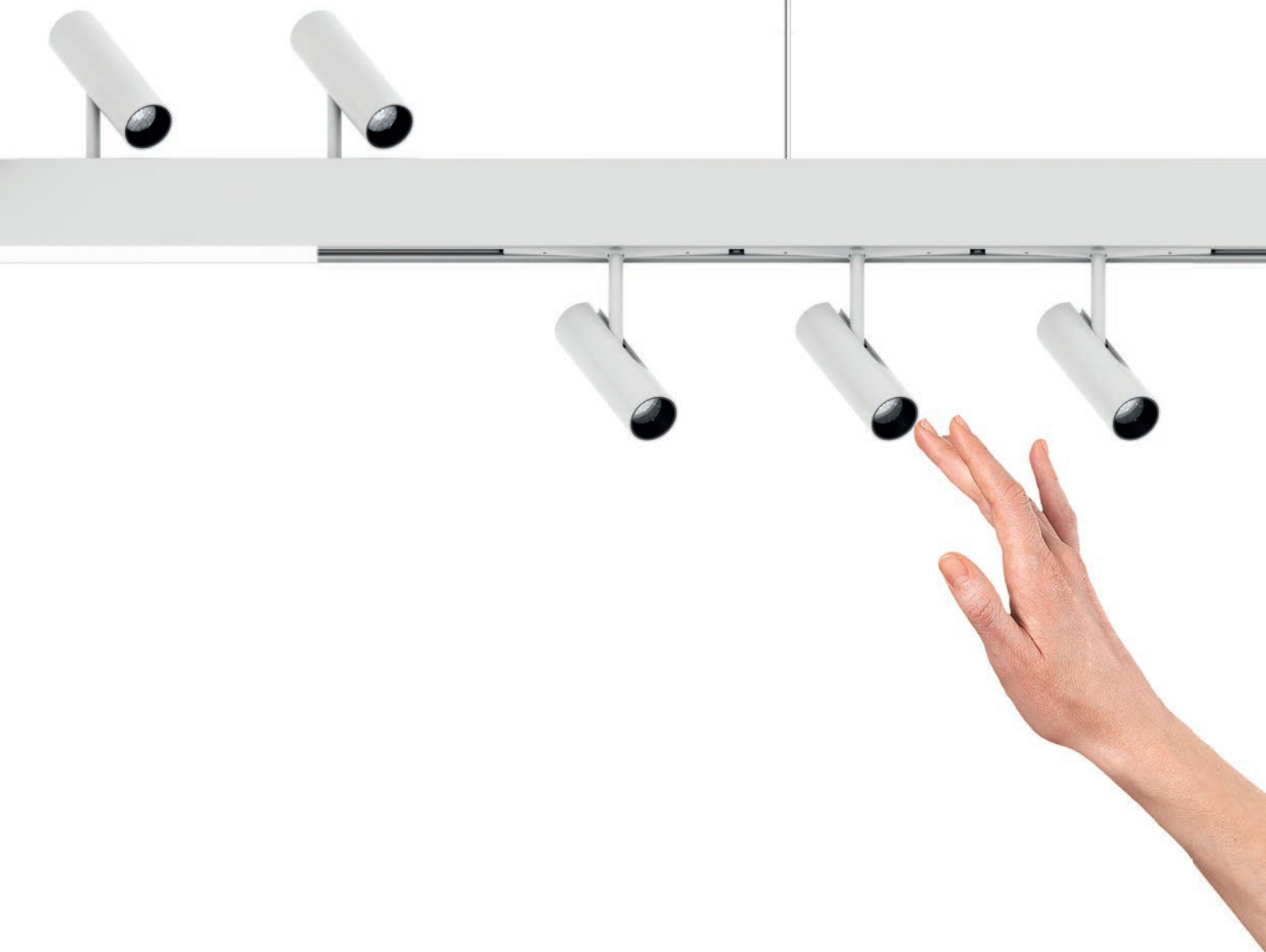
thereby ensuring protection against electric discharge. Safety as well as power and design: the remote driver frees up space in the device which is consequently more compact. Even the heatsink, because the driver no longer produces heat. These two aspects have enabled us to reduce dimensions and the amount of material, thereby developing increasingly miniaturised and sustainable solutions. In&Out.



168 Rue de Crimée. Residences for artists
Paris, France

Architectural project: MetekArchitecture - Sarah Bitter
Photo: Didier Boy De La Tour

Safety and miniaturisation: ultra low voltage devices are safe, ideal for public places or if within the easy reach of children. Space is reduced, leaving room exclusively for the light produced by high-performance, miniaturised systems.



Visual Comfort

Achieving visual comfort means starting from the light source: optimal chromatic quality ensures correct vision of colours in the setting and over time. The quality of light emission, and inasmuch its distribution, depends on the optics. We therefore design each optical system in relation to the desired effect. We eliminate defects, especially rays that, in certain directions, could cause glare. This is why we ensure indoor photometric compliance at UGR values of <19 up to UGR <10. Yet ensuring visual well-being in a lighting project is not limited to just this: it must integrate

lighting solutions capable of creating balanced lighting in space and for the people living in it. The new Opti Diamond optic is characterised by extraordinary rich light emission on vertical and horizontal planes alike, including ceilings, helping to create a sensation of spaciousness and, consequently, of visual well-being. We have also developed outdoor solutions that hide the source but not the light to eliminate any risk of glare.

Opti Diamond optic



Lighting must not only ensure visibility in a space but also liveability: this is why we design optics that ensure visual well-being providing the best possible light depending on the application.



The Tree Library - Milan, Italy
Landscape project: Studio Giorgetta
Lighting Project: Inside Outside - Petra Blaisse
Photo: Paolo Carlini

Made-to-measure effect

Architecture is often made up of modular spaces with variable geometries and specific requirements. Light adapts to every height and every distance to illuminate details and elements restriction-free. We develop solutions - from one to one hundred thousand - each with a variety of optics, including adjustable versions, with technologies and powers that turn flexibility into effectiveness, providing the best possible light based on the application in question. Modulation of light, by super-spot cones, spot, medium, flood, wide flood, wall washer, elliptical

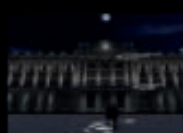
and framing systems with Opti Beam lenses, refractors and reflectors. Moreover, we have also developed other accessories that, combined with the available optics, can be used to design the desired light and protect the lighting source. Our website provides three-dimensional exploration to discover the right solution for each effect, with a huge range of light fluxes, optics and framers. Start your 360° City Experience and build your effect.

www.iguzzini.com/palco-inout-skin-changer



The leap in quality for professional luminaires is measured in terms of the flexibility offered: from optics to accessories, from design to fine tuning, we design precise, made-to-measure light. Build your effect with the 360° City Experience.

 360° City Experience



Perfect effect

We design quality lighting to ensure a perfect effect - pure, uniform, modular and with high spectral performance. We have developed the Opti Beam lens, refractor and reflector technology to ensure the best distribution, from super-spot to wide-flood apertures, scaling them by aperture and emission power. The multi-patented triple Opti Beam technology provides exceptional lighting uniformity for all surfaces or objects illuminated, that completely eliminates double-ring effects or disturbing chromatic aberrations

with a minimised field-angle. The beam is distinct, pure and ensures outstanding visual comfort. Even the chromatic quality of the selected LEDs is excellent, with high colour rendering and MacAdam 2 or 3 values, depending on the specific application, thereby always ensuring chromatic consistency even for systems with mixed products.



Exhibition: **San Sebastiano. Beauty and integrity in art XIV-XVII centuries**
Miradolo Castle, San Secondo di Pinerolo, Italy
Exhibition curator: Vittorio Sgarbi with the collaboration of Antonio D'Amico



Precision lighting to create a perfect effect with high visual quality, spectral yield and chromatic consistency over time. Lighting is getting closer than ever to individuals' needs, achieving a less objective and more perceptive interpretation of the world.



New Tools 20

We have evolved the concept of integration with architecture to promote human well-being and enable smart safety, entertainment, comfort and sustainability services. We have ensured added value for product design by offering innovative application solutions. New optics with exceptional visual performance, high comfort, chromatic quality and lighting efficiency with a broad variety of light distributions. Easy to use luminaires and systems encourage correct use of light. Safety, even during emergencies, thanks to a range of optical solutions. A new collection of architectural outdoor spotlights is now available with a broad range of optics and applications. Framers with specific accessories for creative lighting. New pole and bollard-mounted solutions for urban areas. Optical innovation to increase the efficiency of street optics.



Blade R

All in One

Blade R is a masterpiece of precision that integrates perfectly - as never before - with architecture: a jewel of precision that turns light into an aspect of aesthetic and functional fusion with architecture. Architects designing spaces have to integrate components and functions harmoniously to ensure value for the overall project and liveability of architectural environments for users. While furnishings can be designed within the same space and consequently integrate perfectly with the context, other functional and technological elements are often already available on the market with specific designs and this

does not always allow formal agreement between them as such and the architectural setting itself. Blade R seeks to respond to this dual need for functional and formal integration. More advantages and more features in a single product. The first advantage is living in a "cleaner" space while enjoying many other services that go above and beyond light. All in One.

Page 100



Blade R

Formal and functional integration: Blade R cuts the ceiling and sets light free through a slot measuring barely 2 cm. A slim yet powerful circular ring that envelops new functions that go beyond light. All in One: so many advantages and so many functions, all in a single product.

Scale 1:1



Blade R

All in One

Blade R integrates and simplifies a miniaturised, compact ring of light ensuring very high visual comfort, with a central heart capable of housing various devices to meet the needs of users and their well-being. The built-in loudspeaker provides for sound diffusion to help create a more agreeable environment and, at the same time, ensure compliance with safety regulations in the event of an emergency by announcing evacuation messages. Even a smoke detector can be included in all those environments where compliance with pertinent safety regulations is mandatory. Integration with emergency

lighting guides people in the event of a blackout. Integration with a video camera provides a complete overview of the premises to protect people inside. An integrated BLE multi-sensor ensures precise use of light as needed to promote energy saving. Lastly, integration of lighting equipment with different kinds of light distribution and colour stimulates authentic and dynamic lighting management. Blade R is smart. It can be managed from a smartphone. Blade R is ideal for every application solution.

Page 100

Frame



ø 80



ø 125



ø 170



ø 170

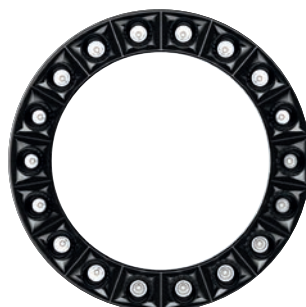
Minimal



ø 80



ø 125



ø 170

From chaos to order. Blade R evolves the concept of integration with architecture to promote human well-being and enable smart safety, entertainment, comfort and sustainability services. All in One: Formal and functional integration.

Safety



Blade R
+ Emergency lighting

**Safety
Entertainment**



Blade R
+ Speaker

**Smart Solutions / Sustainability
/ Better Light**



Blade R
+ BLE multi-sensor

Safety



Blade R
+ Smoke detector

Safety



Blade R
+ Video camera

Better Light



Blade R
+ Adjustable light

Better Light / Smart Solutions



Blade R
+ Variable light

Better Light



Blade R
+ Framed light

Easy Space

Brilliant Comfort

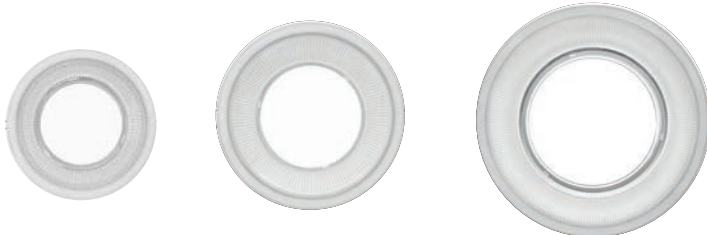
Easy Space expands the Easy family of recessed luminaires with metallic reflectors with the launch of a new Opti Diamond optic ensuring more and better perception of space by balancing contrasts to improve overall visual well-being. And much more. Opti Diamond is the outcome of a detailed study into materials, engineering and processing to ensure optimum brilliance and unique splendour - just like diamonds. This effect is heightened by the slightly luminous external frame that emphasises its attractive impact in ceilings. Optical innovation also helps ensure energy efficiency levels of over 130 lm/W and

high luminous fluxes. Available with three diameters and heights always less than 10 cm to facilitate installation in false ceilings of any thickness. Versions for general lighting and UGR <19 with two possible finishes. Very high colour rendering with CRI > 80 and 90 and MacAdam step 1.5. A diffusing screen completely protects the product, guaranteeing IP54 rating. Ideal in retail, infrastructure, office, hospitality & living settings.

Page 202



Easy Space



ø 96

ø 153

ø 212

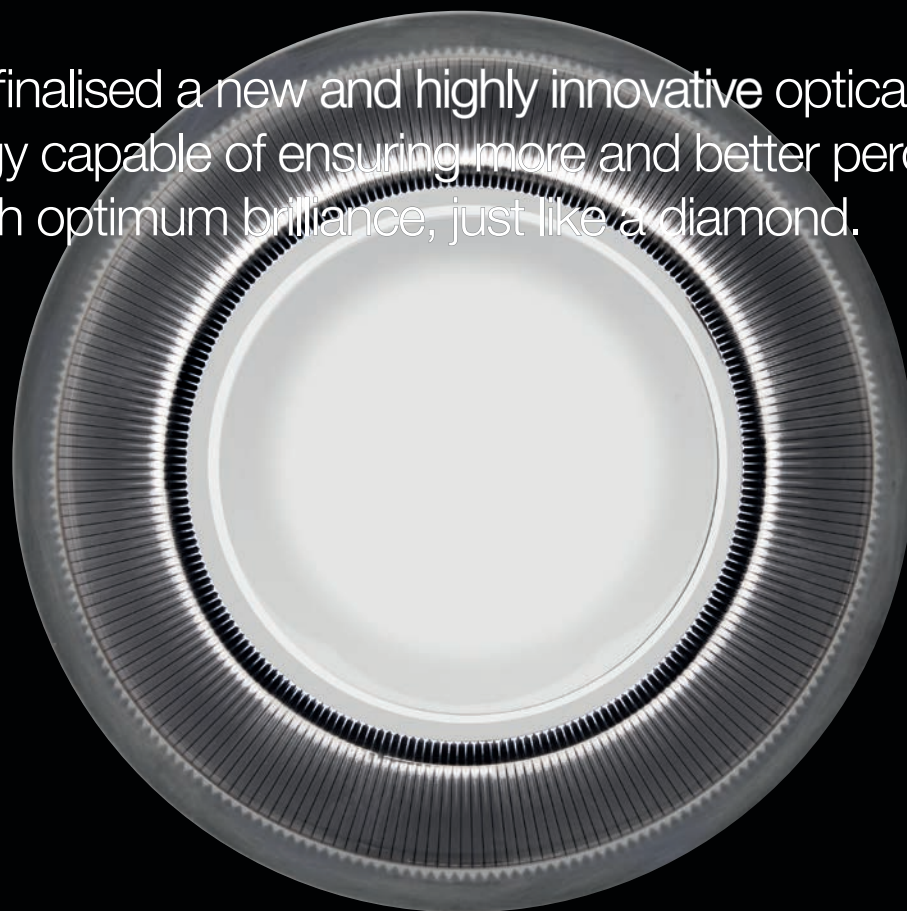
Easy Pendants / Ceiling-mounted Luminaires



Pendant

Ceiling-mounted

We have finalised a new and highly innovative optical technology capable of ensuring more and better perception of space with optimum brilliance, just like a diamond.



Optic UGR < 19



General lighting

Laser Blade with oval distribution

Invisible Source

The extraordinary Laser Blade collection continues to evolve. As a result, the new Laser Blade High Contrast version with Oval optics is ideal for illuminating rather long and narrow spaces, such as corridors or areas of passage, communication and hallways between adjacent rooms. The new oval or elliptical distribution has a 35° x 70° beam angle for longitudinal and crossways light emission ensuring maximum application and installation flexibility. Available in 5 and 10-cell modules with three colour temperatures: 2700K, 3000K and 4000K. Laser

Blade High Contrast Oval completes the huge offering of Laser Blade optics, ranging from high contrast distributions with spot, flood and wide flood apertures to wall washer distributions ensuring vertical excellence. A single product for multiple application requirements. Light from an invisible source, absolute visual quality and exceptional performance. Ideal in museum, hospitality & living and retail settings.

Page 124

40 Lux 70 Lux 110 Lux

Eiffel Palace
Budapest, Hungary
Architectural and lighting design: DVM Group
Photographer: Istvan Bogardi

Laser Blade Tunable White

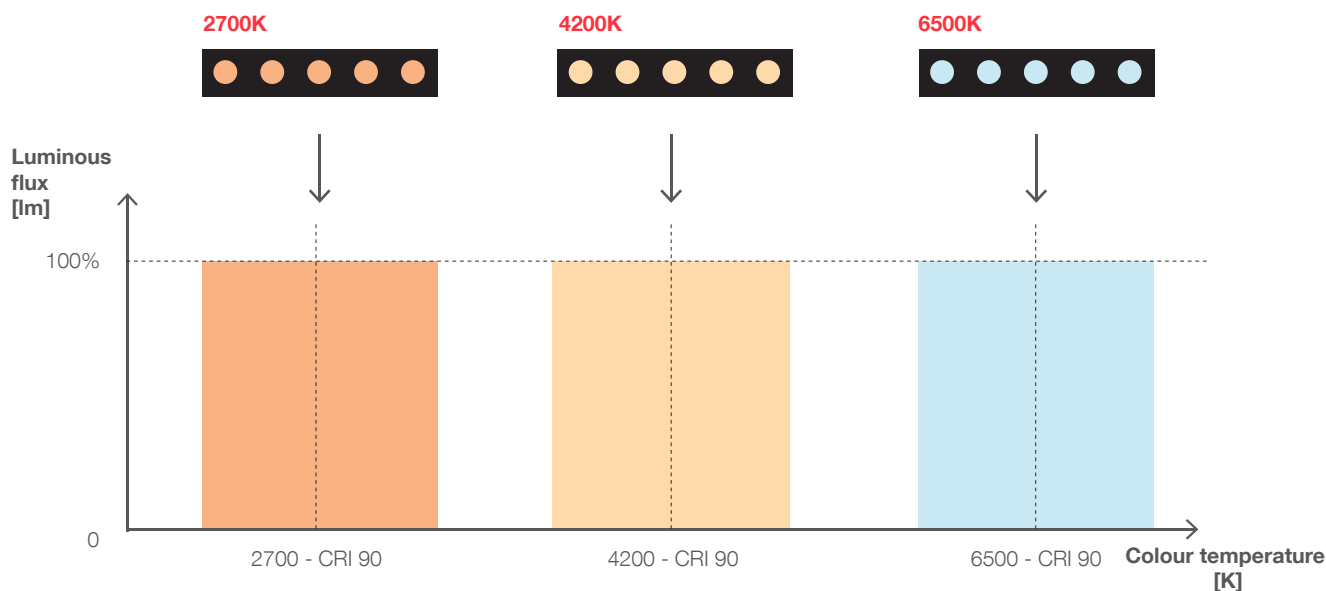
Always 100%

Tools 20
Indoor lighting
systems

Variable light is light that creates well-being. Tunable White technology brings back the dynamism of white light - i.e. the variation in colour temperature between 2700K and 6500K. And we have optimised the visual effect of the new Laser Blade Tunable White solution: all the cells are always at 100% of flux or, if dimming is available, they all vary in the same proportion to ensure constant, continuous and above all uniform light emission for any required colour temperature. In conventional tunable white versions, on the other hand, each reflector matches a

specific colour temperature associated with the respective cell, activation of which depends on the colour temperature required. The Smart Light Control APP makes it possible to program and manage various lighting scenarios easily, as well as modulate colour temperature and luminous fluxes directly from a smart device. Alternatively, plug & play touch panel installed in the wall can be used. Ideal in museum, hospitality & living and retail settings.

Page 124



148 x 44 mm



281 x 44 mm



413 x 44 mm

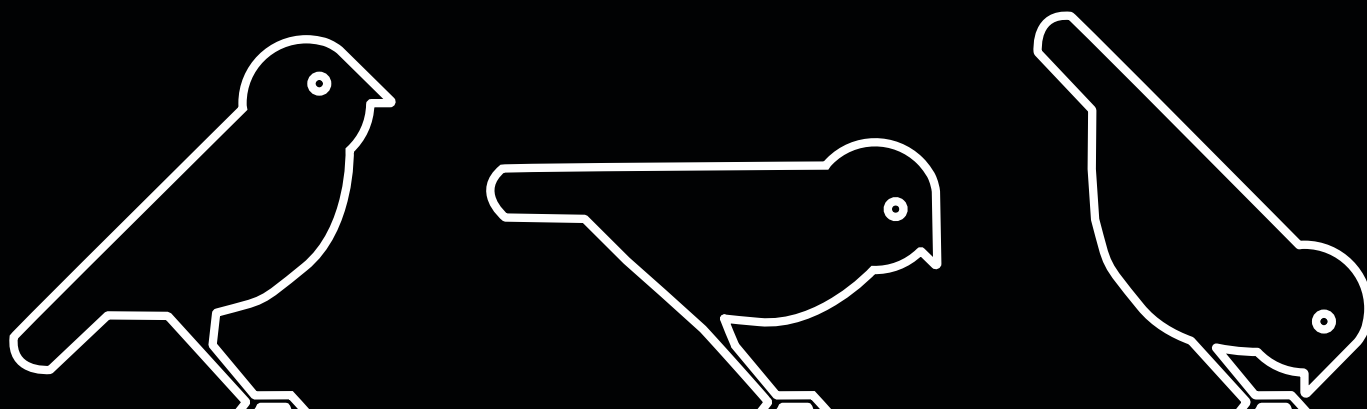
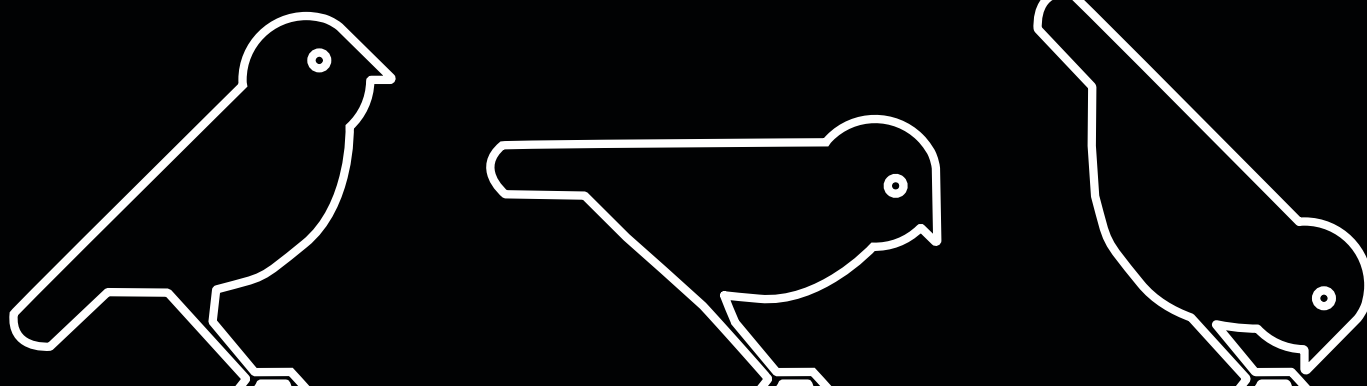
Robin

Freestyle

Design is good when it manages to overcome the physical dimension to take on an evocative value. Robin, by architect and designer Matteo Thun, takes its inspiration from the image of birds sitting on the wires of light that invite us to look up at the sky while they scrutinise our world from above. Similarly, the small yet powerful Robin spotlights, from the top of a truly slim track, provide downwards light by rotating the optical compartment by up to 160°, as well as rotating 360° on the horizontal plane. The appeal and uniqueness of this spotlight is further enhanced by a final customisable accessory.

Designed to accompany light beyond the track, it is inspired by the reticular structures spanning the dome designed by Nervi: the interwoven ribs are a perspective reference for measuring space and filtering light. Highly innovative technology made it possible to reproduce exactly the subtle and elegant texture of the accessory, thereby becoming a distinctive and identifying element. Ideal in museum, hospitality & living and retail settings.

Page 320



Robin is extraordinarily unique in that it can be installed even in the upper part of the Superrail track, thereby seamlessly combining accent light with continuous general light in the part underneath.



Ø 37

Ø 51

Ø 62

Superrail

Infinity System

Superrail is a structure capable of housing an infinite number of solutions. This miniature track is only 25mm wide. It can be made up of infinite lengths in a continuous and seamless manner. Superrail can be installed as a recessed, minimal and frame, ceiling and/or suspended system.

All in complete safety, thanks to the mechanical coupling system. This means the Robin spotlight (see page 320) can be integrated on top at the same time as inserting LED modules underneath for general lighting, thereby offering a dual solution of seamless

direct and/or indirect lighting, since connecting the spotlight does not interfere with the continuity of the lighting line underneath. In addition to this solution, Superrail can also accommodate the low voltage spotlights in the iGuzzini range with or without an adapter. Intelligent accessories, such as iBeacon, can also be integrated to achieve solutions that go above and beyond light.

Page 342



Not a track ... but Superrail! A miniaturised technological structure used to create infinite solutions and innovative applications, adding value to space, design and people, beyond light.



Palco

Integrated BLE Beacon

Palco is an iconic spotlight for professional lighting, with a soft, essential design and very high performance. The 122 mm diameter version of Palco is now also digital, thereby offering management directly via a smart device thanks to the BLE protocol. It has a beacon to send text (push notification), audio or video information to smartphones, enriching visitor experience with content or guiding people through the indoor positioning function. The beacon can also collect and send useful information about how spaces are used. Especially interesting for exhibits, it is possible to monitor the hours lighting is

ON and adapt the needs to the exhibition hours or according to artwork conservation needs. Or in retail environments, personalisations can be made in relation to customer preferences or marketing goals. Excellent colour rendering >97. Ideal in museum, hospitality and living and retail applications.

Page 258



Palco Beamer System Accuracy

Tools 20
Indoor lighting
systems

Palco continues to evolve even in the micro dimension, thanks to the addition of a low voltage 19mm beamer version. This innovative solution provides a variable optic capable of customising distribution from spot to wide flood, i.e. from about 9° to about 65° of the light cone aperture. The light flux can be easily adapted through easy manual adjustment. Palco beamer has proven to be an extremely useful tool in settings requiring installation flexibility, where objects on display are changed at regular intervals, by adapting light without having to replace the lighting fixture, while always assuring

maximum lighting precision. Three colour temperatures: 4000K/3000K/2700K, with >90 colour rendering. Flexibility and precision thereby ensure speed and quality, as well as safety and economy. The effects possible with the Palco low voltage collection also include spotlights and framers, with diameters of 19mm, 37mm and 51mm, both surface-mounted and recessed, with remote or integrated drivers. Ideal in museum, hospitality & living and retail applications.

Page 326



Mini Wonders / Czechtots, Past And Present
Prague, Czech Republic
Designer: Anna Kozova + Jerry Koza / atelier SAD
Anna Pleslová, by kind permission of Etna

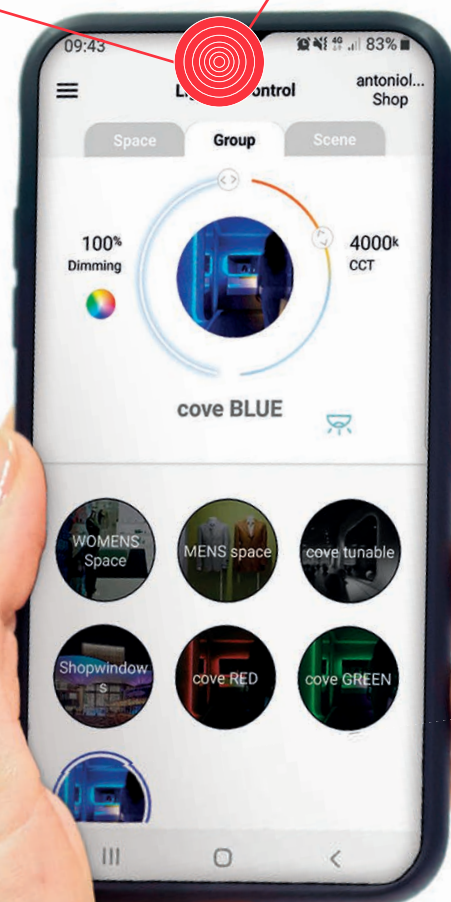
Quick BLE

Light becomes portable

Intelligent light has just got better. Quick BLE is a control system for small and medium-sized systems that allows users to manage all DALI lighting devices through the Bluetooth communication protocol. Bluetooth Low Energy (BLE) technology is by now essential and available on any smartphone, thereby helping smart devices to "dialogue" with each other. By inserting the Bluetooth-DALI interface between the smart device and the DALI device, it is possible to manage each individual luminaire or lighting set-up from a smartphone using the "iGuzzini Smart Light Control" app. The App works in combination with BLE-DALI type interfaces (for indoor and outdoor systems

alike) where standard DALI lighting devices are connected with up to 32 independent addresses. Bluetooth devices can also be controlled using the same app. It is also possible to insert a BLE/WI-FI interface to control the system remotely, again from a smartphone or over the internet. Quick BLE is ideal for retail, museum, office, hospitality & living areas and, in any case, even in domestic environments. Our lighting is already in your hands.

Page 920



Multi-sensor Light becomes smart

Light is smart when it is managed by an intelligent system. This means it is able to control on-off functions or the amount of luminous flux as required and automatically. Smart systems must be served by receptors that collect information from the environment and transmit it to a control system which in turn sends a message to the terminal nodes, i.e. the lighting devices activated in accordance with pre-defined standards. The new Bluetooth multi-sensor detects both light and movement. In turn, this means that the lighting system will only be

activated to ensure a certain level of illumination based on the lighting conditions existing in the setting and in relation to movements by people inside. The Bluetooth multi-sensor communicates with all DALI devices over a BLE-DALI interface and directly with a smart device. There are two clear advantages: a pre-defined lighting scenario is always maintained at the same time as ensuring energy savings.

Page 923

Tools 20
Indoor lighting
systems

Albrecht Dürer. The Remondini collection
Bassano del Grappa, Italy

Architectural project: Alessandro Pedron - Apml Architetti
Photo: iGuzzini Archive

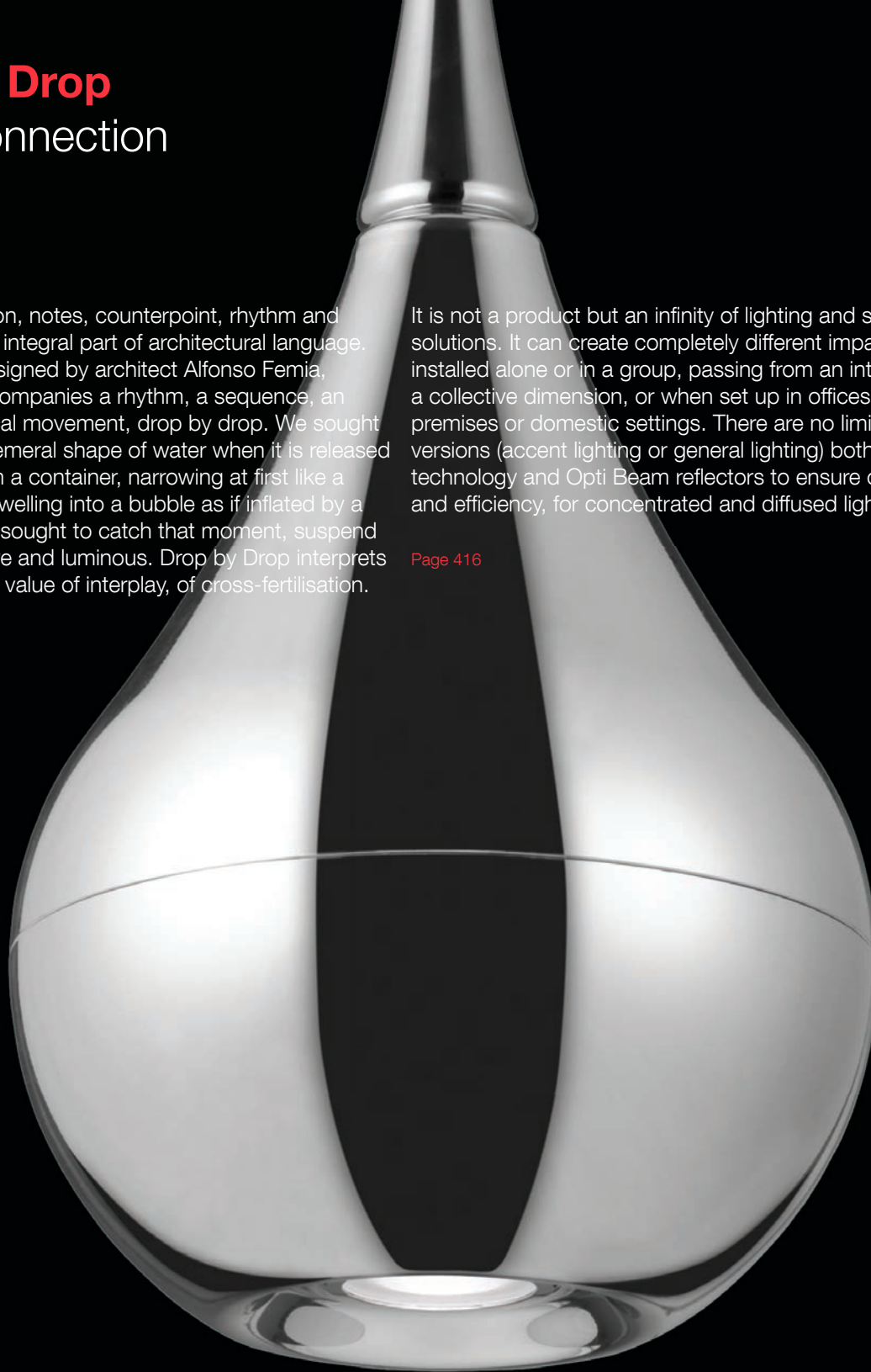
Drop by Drop

Liquid connection

Light is punctuation, notes, counterpoint, rhythm and sequence. It is an integral part of architectural language. Drop by Drop, designed by architect Alfonso Femia, anticipates or accompanies a rhythm, a sequence, an idea of slow vertical movement, drop by drop. We sought to retain that ephemeral shape of water when it is released and emerges from a container, narrowing at first like a thread and then swelling into a bubble as if inflated by a magical pipe. We sought to catch that moment, suspend it, make it reflective and luminous. Drop by Drop interprets the contemporary value of interplay, of cross-fertilisation.

It is not a product but an infinity of lighting and spatial solutions. It can create completely different impacts when installed alone or in a group, passing from an intimate to a collective dimension, or when set up in offices, retail premises or domestic settings. There are no limits. Two versions (accent lighting or general lighting) both have LED technology and Opti Beam reflectors to ensure comfort and efficiency, for concentrated and diffused light alike.

Page 416



Accent Lighting

General lighting



Villa Borromeo d'Adda
Architectural project: Atelier(s) Alfonso Femia
Lighting project: Alfonso Femia / IN-VISIBLE lab
Photographer: ©Stefano Anzini (courtesy of AF517)

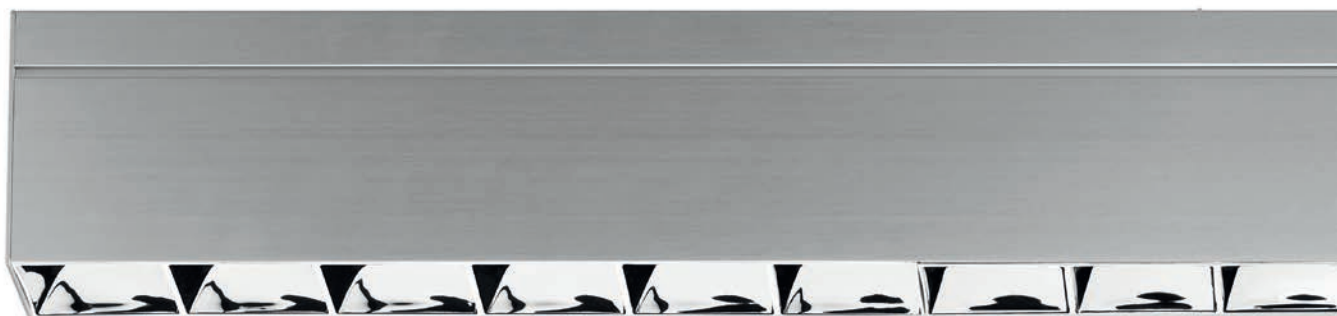
IN 60 with MMO optics

Continuous linearity

iN60 is a modular lighting system for continuous lines. We have innovated this collection with the addition of a new metallic modular optic (MMO). It is ideal for efficient and comfortable light effects, with efficiency values of up to 120 lm / W. High Output and Low Output versions designed for applications in settings with high and low ceilings to modulate light as required. Direct/indirect or only direct light distribution. Two colour temperatures 4000K/3000K and tunable white. Modules with two different lengths for continuous modular rows. Recessed, minimal and frame, ceiling and pendant installation. The

light and movement multi-sensor can also be integrated to optimise the way light is used by maintaining pre-set levels as well as adapting them to effective requirements. This new version with MMO optics joins the previous one with a prismatic screen for general lighting and controlled light with UGR values of <19. iN60 marks out a lighting direction, a path that patterns the ceiling and illuminates space uniformly. Ideal for offices, retail premises and common areas.

Page 394



Motus for emergency lighting

Lighting when there is no light

Motus offers uniform and well-distributed lighting through a satin screen. Motus Antipanic and Motus Escape are new emergency lighting solutions characterised by simple, discrete design that minimises aesthetic impact in public places. Two optics are available: elliptical for escape routes (1 lux) and symmetrical for open spaces and anti-panic function (0.5 lux) as required by emergency regulations. These optics are optimised to meet required lighting levels and minimise the number of necessary luminaires. They are available in maintained and

non-maintained modes, with latest-generation lithium-iron-phosphate batteries providing to 3h of operating autonomy to ensure maximum safety. All models are equipped with a self-test.

Trouble-shooting tests can be activated easily at a distance using a simple laser pointer or locally with a button. Three versions meet the needs of your building in the best possible way.

Page 458



Motus Escape / Antipanic



Motus Escape / Antipanic



Motus

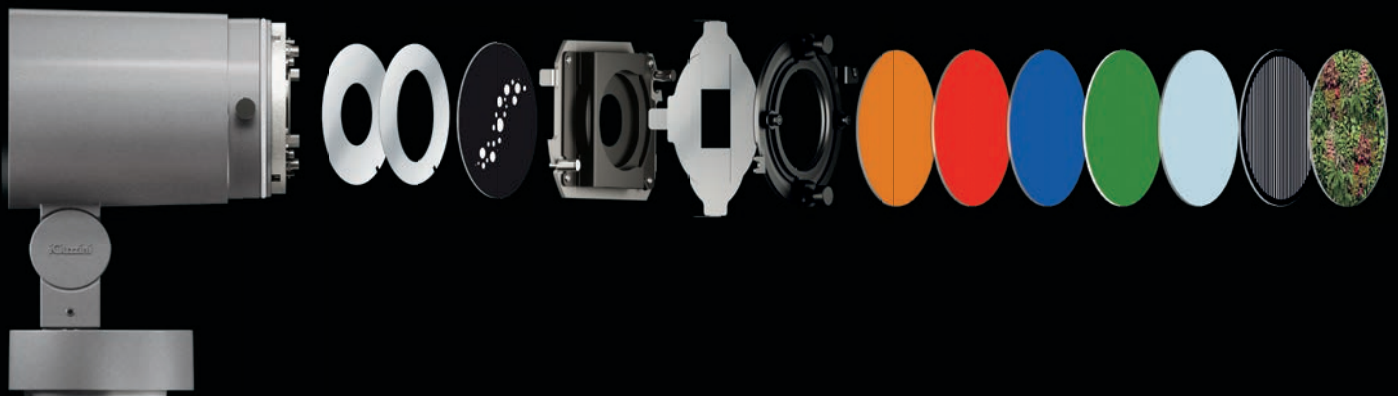
Palco InOut Framer

Skin Changer

Palco InOut Framer Skin Changer expands the application possibilities for the Palco InOut Framer system. By inserting a specific gobo (metallic, dichroic glass, with coloured filters or geometric shapes) into the framer, a customised, dynamic lighting scenario can be created thanks to DALI technology to define new urban expressions through light for creative cities. Creative light projects images and impressions into the urban setting to dialogue with people in a huge, widespread museum stretching from the centre into the suburbs. A Bluetooth-DALI interface can be used to activate smart services and

amplify the visual experience: texts, sounds and videos can narrate the effects of light or simply help people discover places through a multi-sensory and engaging urban experience. Three sizes and powers and 3 colour temperatures (2700 K, 3000 K, 4000 K) are available with installation on the ground or floors, walls and poles with arms and flanges.

Page 710



Creativity is a strategic factor underlying sustainable urban development, turning where we live into a better place. Palco InOut Framer expands the use of light beyond its "conventional function". More than 18 combinations of accessories help create a customised scenario of creative lighting.



Agorà

Life to city

Agorà embodies its dual function in its very name. An architectural spotlight created for installation not necessarily in squares as such but in all urban places, or meeting places, in our cities, towns or neighbourhoods. The Greek word "agorà" means to gather, to summon so that Agorà becomes a tool bringing life to cities, offering citizens and people light for meeting and living well while feeling safe in the streets and squares of our cities. The simple yet highly detailed design by architect. J.M. Wilmotte integrates perfectly into architecture and the urban context, almost blending into material thanks to its

extremely reduced depth. Two versions, Agorà Mini with remote power supply and Agorà Compact with built-in power supply, 6 light distributions, from super spot to wide flood and the possibility of adapting the luminous flux through a wide range of professional accessories. 5 sizes, 5 powers, colour temperatures of 2200K, 2700K, 3000K, 4000K, RGBW, Tunable White, with luminous fluxes from 3500 lumens to 50,000 lumens.

Page 682



Mini



Ø 312

Ø 390

Ø 525

Buildings are frameworks surrounded by open spaces where people meet. It is here that squares come into being: a preferential space, a place for meetings, friendship and exchange. Light illuminates their faces and their surroundings, the trees, architecture and streets; it accompanies them as they arrive, stay and leave again. This is the light of Agorà.



Compact



Ø 312



Ø 390



Ø 525



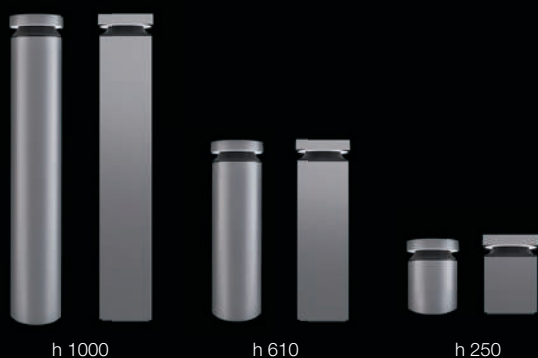
iWay Super Comfort

Invisible Source

The iWay collection of bollards designed by architect Jean Michel Wilmotte continues to evolve in terms of both design and optics: a new extraordinary version capable of totally eliminating the risk of glare makes its debut. The new optic, in fact, is optimised to completely hide the light source from view and, at the same time, uniformly illuminate the horizontal plane by eliminating the shadow at the base and perfectly patterning the light, from the points closest to and furthest from the pole uniformly, with two possible distributions (360°/180°). Emission quality also means optical efficiency and consequently the

effectiveness of the system: iWay Super Comfort ensures excellent spacing, thereby promoting energy saving as a sustainable choice over time. iWay Super Comfort is has internal stainless steel threaded bars used to mount the structure on the base, ensuring considerable sturdiness that even withstands acts of vandalism. Smart control and the possibility of programming customised scenarios. Ideal for urban and residential settings.

Page 856



Grin

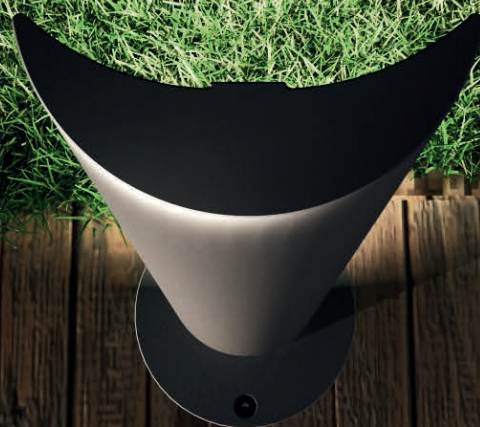
Smile back

Tools 20
Outdoor lighting
systems

Grin is a solution designed by architects Pio and Tito Toso to illuminate paths or walls directly or indirectly. It incorporates the Underscore InOut module by providing a structure and a lighting direction. The cross-section recalls a smile since it is effectively a product that smiles to architects through its pure, essential form, to lighting designers through infinite the lighting solutions available as well as people who use the space. Grin integrates naturally into outdoor areas and, at the same time, creates infinite lighting set-ups by varying the light in terms of

intensity, colour temperature and even colour itself. Two heights (510 mm and 1010 mm) and two finishes ensure infinite compositions with all the Underscore InOut Top Bend modules to create personalised effects while ensuring high reliability even in extreme conditions. Ideal for residential and urban settings.

[Page 860](#)



h 1022



h 522

Light Up Orbit

Always In

Technological density and application versatility. We have miniaturised architectural impact with Light Up Orbit by enclosing highly professional performance levels in just a few millimetres. Elegance is found in the details and the new flush and all-glass versions offer an aesthetic solution ensuring maximum integration with architecture. Light Up Orbit optics fill space without invading it, contributing to general lighting. The new optics with built-in honeycombs achieve excellent visual comfort to ensure people can walk around without being bothered by the light but, on the contrary, enjoy a pleasurable experience.

Lastly, a new optic with an elliptical accessory can be used to modify the luminous flux by adapting it to the architectural context. New finishes are possible to ensure better aesthetic integration. Tough steel for materials and components. Absolute protection against the effects of temporary submersion and resistance to acts of vandalism and an anti-transpiration device to avoid vacuums and condensation. Ideal for applications in hospitality and living environments.

Pages 768 and 774



Stainless steel body and a flush, all-glass frame



Stainless steel body and flush frame



ø 28 mm

ø 50 mm

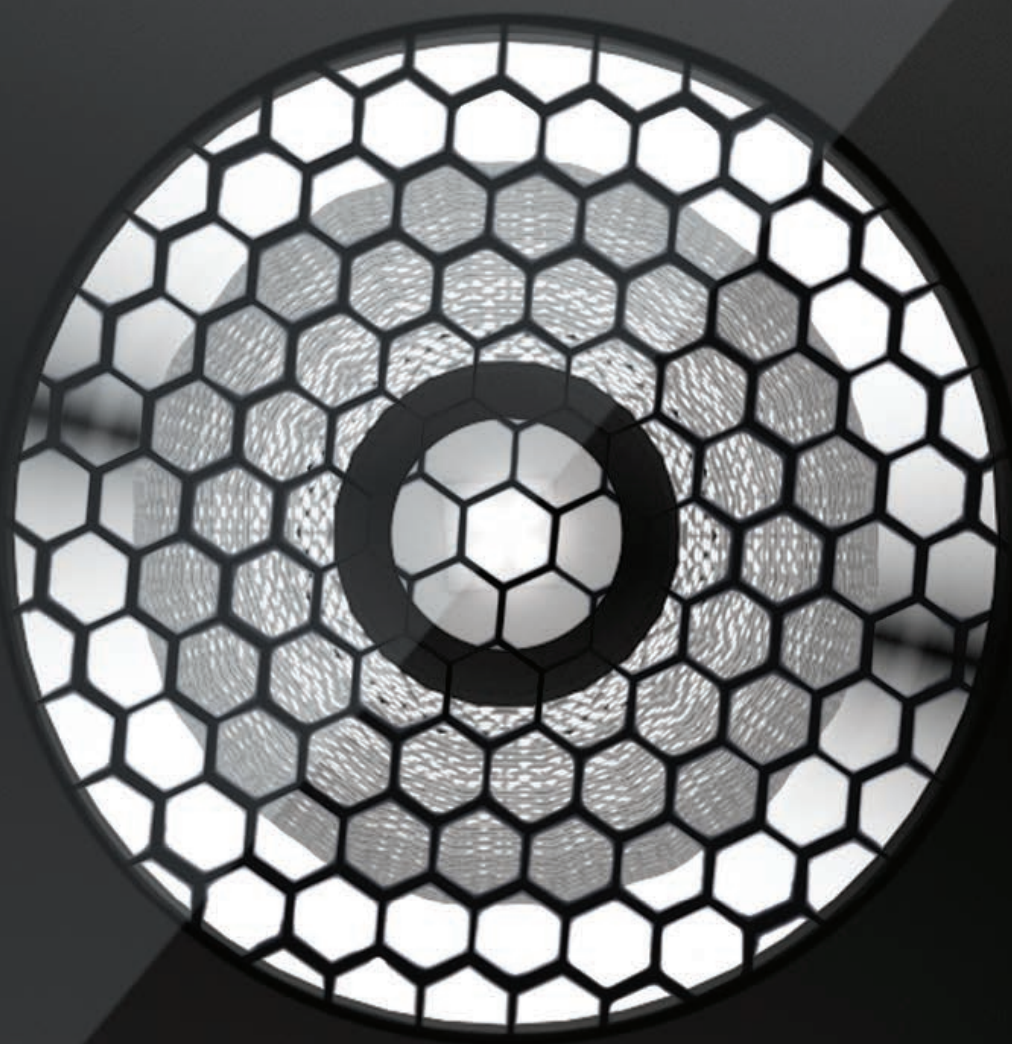
ø 80 mm

ø 28 mm

ø 50 mm

ø 80 mm

New aesthetic and photometric solutions promote better integration into architecture and absolute visual comfort. Smart lighting management creates dynamic night scenes.



iGuzzini

Linealuce Mini 47 recessed luminaire

High Performance Linear System

Professional linear system. In addition to the surface-mount version, Linealuce mini 47 expands with a new recessed version with remote power supply for excellent wall lighting with wall grazing and flood distribution. An anti-glare accessory is integrated inside to ensure high visual comfort.

Pure design, with a threaded glass head. Exceptional performance with maximum uniformity and intensity up to 5700 lumen. Tunable White, RGB and RGBW versions as standard, with dynamic light colour and shade control.

Ceiling, wall and floor installation, even in a continuous row, to create a lighting line up to 10 metres long. An innovative plug and play system simplifies installation, protects the system against water infiltration and ensures long-lasting performance. Linealuce mini 47 recessed is available in several sizes (0.6 m, 0.9 m, 1.2 m, 1.5 m) with a wide choice of results, colour temperatures, colour mixing systems, optics and controls.

Page 510

Istituto Zooprofilattico sperimentale
dell'Umbria e delle Marche "TOGO ROSATI" / Ancona
Architectural project: Sardellini Marasca Architetti
Lighting Project: Sardellini Marasca Architetti

Continuous development of the innovative Opti Smart Lens technology for street optics broadens the offering of emissive distributions and applications through the two Street and Quid products. The lenses are optimised to increase optical efficiency and define optimal new geometries, thereby ensuring maximum exploitation of the luminous flux depending on the type of road and visual task. The new ST1.5 is ideal for lighting very wide streets, while the new STCy0.5 is specifically for cycle lanes or very narrow streets. The Opti Smart Lens has also evolved

its types of installation; the new STF1 distribution was created specifically for to install the optical compartment on a pole using arms for uniform lighting of road surfaces, from the point at the base of the pole across the opposite end of the roadway. The previous ST1 and ST1.2 and A60 optics have also been updated to ensure a significant increase in luminous efficiency.

[Page Street 562](#) / [Page Quid 557](#)

Street



Quid



Anello

Urban Lounge

Anello is an urban lighting system designed by architect Marc Aurel as part of a project to renovate the historic centre of Poitiers. It is designed to set an object belonging to the domestic imagination in a public space. The circular shape is inspired by a large ring with prominent edges with geometrical patterns on the surface: the structure of the optical compartment is in polished black cast aluminium with a transparent methacrylate screen on the outside and pyramid-like decorative elements on the inside, which generate an unusual optical effect.

Two versions are available: one for general downlight emission, the other with up/down emission. Up lighting involves one to five LED modules that can be adjusted to 30° to highlight elements in the surrounding environment. The number of modules can be changed on request. General lighting envisages an optical unit with warm white monochromatic LEDs, while neutral white LEDs are used to illuminate decorative elements.

Page 504



Twilight

Urbaneco

The new Twilight Paris decorative cap is now available, designed by architect Marc Aurel. It joins the existing Twilight Bilbao, which in turn is also joined by a white version, Canberra, Joburg and Odense, to expand lighting systems for urban and residential contexts alongside systems specifically for street lighting. Two optics (symmetrical and elliptical) for lighting in urban contexts such as parks, squares, pedestrian and residential areas, and Opti Smart optics to extend the good light of Twilight systems to roads even with intense vehicle traffic,

urban and suburban areas, with pole and wall mounts. Decorative accessories are available for all types of optic and distinguish the Joburg, Bilbao and Canberra versions by adapting the luminous flux to the needs of the city context. Smart electronics based on the DALI protocol digitalise the needs of citizens: from simple On-Off to flux dimming, automatically or based on voltage and power, through to remote control.

Page 518



Twilight Paris



Twilight Bilbao



StoffWechsel
Ausstellung

StoffWechsel
Studio

The central exhibit consists of a large, dark grey, multi-sided table with several white, cushioned stools. The table is equipped with multiple digital touchscreens. A young boy in a white t-shirt and green cargo pants is leaning over the table, interacting with one of the screens. Other children and an adult are also present, engaged with the exhibit. The table is set on a light-colored wooden floor.

Downlights

Making room exclusively for light

Miniaturization, chromatic quality, energy efficiency, high visual comfort, broad distribution range from highly concentrated through to wall washer or horizontal and vertical lighting. Single or dual adjustments ensure additional system flexibility.



- 90 Overview Downlights
- 98 Blade R
- 106 Laser Blade Square
- 120 Laser Blade
- 181 Reflex
- 196 Easy
- 206 Pixel Pro
- 210 Pixel Plus
- 212 Laser
- 230 Deep Frame

- 224 Palco Downlight remote driver
- 250 Palco Framer Downlight remote driver

Experimenta Das Science Center – Heilbronn, Germany

Client: Dieter Schwarz Foundation

Architectural project: Sauerbruch Hutton Architects

Lighting project: Licht Kunst Licht + Maierlighting

Photo: Roland Halbe

Overview Downlights



100 Blade R



108 Laser Blade Square
High Contrast



112 Laser Blade Square
Wall Washer



114 Laser Blade Square
Adjustable



124 Laser Blade XS
"The Blade"
High Contrast

Performances

new

Optics	16°/24°/26°/40°/40°/42°/58°/Framer	24°/30°/32°/34°/36°/42°/50°/52°/54°/58°	WW	10°/22°/24°/28°/30°/34°/42°/44°/46°/50°	24°/42°/58°
Power W	26,8	2 → 32,1	8,6 → 32,1	8,1 → 32,1	2 → 33,8
Luminous flux lm	1580 → 2380	137 → 2046	336 → 1858	329 → 2013	137 → 2366
Colour temperature	2700/3000/4000	2700/3000/4000	3000/4000	3000/4000	2700/3000/4000
Warm dimming 1800K±5700K	•	•	•	•	
Tunable White 2700K±5700K	•	•	•		•
UGR		<10			<10

Range and versions

Number of sizes	3	6	2	2	8
Minimal	•	•	•	•	•
Frame	•	•	•	•	•
Round	•				
Square		•	•	•	•
Adjustable multi-lamp luminaires	•				

Accessories

Optics				A/B/E/M	
Decorative				N	



154 Laser Blade
General Lighting Pro



156 Laser Blade
General Lighting



158 Laser Blade
Adjustable



160 Laser Blade L
High Contrast



162 Laser Blade L
Wall Washer

Performances

Optics	GL	GL	12°/32°/48°	24°/30°/32°/34°/50°/52°/54°	WW
Power W	12 → 35	12 → 35	24,5 → 70	8,7 → 28,8	8,6 → 28,8
Luminous flux lm	619 → 2196	570 → 1739	1462 → 4893	478 → 3072	336 → 1961
Colour temperature	2700/3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Warm dimming 1800K±5700K				•	
Tunable White 2700K±5700K					
UGR			<10	<10	

Range and versions

Number of sizes	3	3		3	
Minimal	•	•	•	•	
Frame	•	•		•	
Round					
Square				•	•
Adjustable multi-lamp luminaires			•		

Accessories

Optics				A/B/C/E	
Decorative				N	

Optics: WW Wall Washer - GL General Lighting - DA Dual Asymmetrical

Accessories: A Refractor B Diffuser Filter - C Soft Lens Filter - D UV/IR Filter - E Honeycomb Louvre - F Dark Light Refractor - G Down Light Wall Washer Reflector
H Wall Washer Effect Glass- I Spill-Ring - L Cylindrical Ring - M Interchangeable Reflector
N Coloured Filters - O Decorative Glass - P Decorative Rings - Q Decorative Cylinders



130 Laser Blade XS
Wall Washer Super
Comfort LGC

134 Laser Blade XS
Wall Washer

138 Laser Blade XS
General Lighting Pro

140 Laser Blade
High Contrast

146 Laser Blade
Wall Washer Super
Comfort LGC

150 Laser Blade
Wall Washer

WW	WW	GL	12°/32°/42°/48°/AL/AT	WW	WW
5,9 → 28,4	5,9 → 28,4	12,4 → 33,8	2,1 → 35	12 → 35	12 → 35
140 → 800	165 → 950	580 → 1967	141 → 3045	264 → 946	331 → 1189
2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000
•	•		• <10	•	•
4	4	4	5	3	3
•	•	•	•	•	•
•	•	•	•	•	•



164 Laser Blade L
Adjustable

166 Laser Blade XL
High Contrast

168 Laser Blade XL
Wall Washer

170 Laser Blade XL
Wall Washer

174 Laser Blade
System 53

Adjustable High contrast Low contrast Wall washer

10°/24°/28°/30°/ 42°/44°/50°	24°/36°/52°	WW	10°/22°/34°/46°	12°/32°/48°	48°	GL	WW
8,1 → 10,8	23,5 → 32,1	23,5 → 32,1	13,5 → 32,1	10 → 31	10 → 31	17 → 34	21 → 31
329 → 724	1827 → 2046	1740 → 1858	564 → 2013	850 → 2500	950 → 1900	2450 → 5300	1800 → 2700
3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
	<10			<10	<10		
1	1	1	1	3	3	1	2
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
			A/C/M/E				
			N				

Overview Downlights



182 Reflex
Fixed



188 Reflex
Wall Washer



192 Reflex
adjustable



196 Easy



202 Easy
face

new

Performances

Optics	18°/24°/26°/28°/30°/ 42°/44°/48°/52°/56°/ 58°/60°/62°/64°/66°/ 74°/78°	WW	13°/14°/18°/19°/20°/ 22°/24°/25°/30°/ 31°/32°/35°/40°	GL/UGR	GL/UGR
Power W	8,6 → 57,6	11,2 → 43,4	8,6 → 43,3	16,7 → 40,7	13,2 → 48,6
Luminous flux lm	650 → 6155	768 → 3150	150 → 3474	1806 → 4158	656 → 4096
Colour temperature	2700/3000/4000	2700/3000/4000	2700/3000/4000	3000/4000	3000/4000
RGB	RGB + TW				
Warm dimming 1800K±5700K					
UGR	<10				

Range and versions

Number of sizes	6	4	5	3	3
Minimal	•	•	•		
Frame	•	•	•	•	•
Round	•	•	•	•	•
Square					
Adjustable multi-lamp luminaires					

Accessories

Optics					
Decorative					



224 Palco
downlight remote
driver



250 Palco Framer
downlight remote
driver

The codes, technical and lighting characteristics of these downlights are presented in this section:

- Spotlights and Tracks page: 233.

Optics: WW Wall Washer - GL General Lighting - DA Dual Asymmetrical

Accessories: A Refractor B Diffuser Filter - C Soft Lens Filter - D UV/IR Filter - E Honeycomb Louvre - F Dark Light Refractor - G Down Light Wall Washer Reflector
H Wall Washer Effect Glass - I Spill-Ring - L Cylindrical Ring - M Interchangeable Reflector
N Coloured Filters - O Decorative Glass - P Decorative Rings - Q Decorative Cylinders



206 Pixel Pro



210 Pixel Plus



214 Laser
fixed



222 Laser
adjustable



228 Laser
Wall Washer

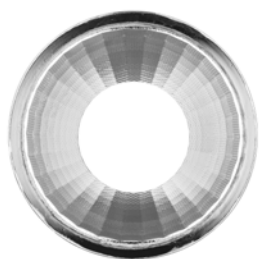


230 Deep Frame

	206 Pixel Pro	210 Pixel Plus	214 Laser fixed	222 Laser adjustable	228 Laser Wall Washer	230 Deep Frame
Beam angle	8°/18°/22°/28°/36°/42°/48°/54°	18°/36°/42°/48°/54°	14°/22°/24°/25°/26°/28°/30°/40°/42°/44°/46°/53°/56°/58°	16°/20°/24°/26°/28°/40°/42°/44°/46°	WW	6°/14°/38°/48°
Height	13,2 → 48,6	15,3 → 40,3	1,4 → 10	7,5 → 10	10	11,6 → 94,4
Power	656 → 4096	1540 → 4096	74 → 972	454 → 947	366 → 672	405 → 7190
Beam diameter	3000/4000	3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000	3000
Beam diameter at 10m			•	•	•	
Beam diameter at 10m (mm)		<13	<10	<10		
Number of beams	3	2	7	3	2	3
Beam diameter at 10m (mm)			•	•	•	
Beam diameter at 10m (mm)	•	•	•	•	•	•
Beam diameter at 10m (mm)	•	•	•	•	•	•
Beam diameter at 10m (mm)			•		•	•
Beam diameter at 10m (mm)						•
Beam diameter at 10m (mm)						
Beam diameter at 10m (mm)	A/D/H	A/H	A/B/E	A/B/E		A/M
Beam diameter at 10m (mm)	N		N/P/Q	N/P/Q		

Overview Downlights

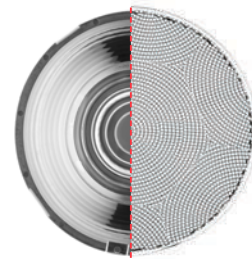
It's in the Optics



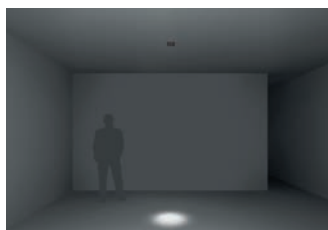
Opti Beam Reflector*
The lenticular surface of the spotlights helps improve light distribution without affecting optical performance and therefore the efficiency of the luminaires. Opti Beam is available with Spot, Medium, Flood and Wide Flood optic.
* Patent Pending



Opti Beam Lens*
Two lenses in one, two innovations in a single lens. Superspot ultra-compact high intensity optic. The light beam is even and well defined, with no colour aberrations. Maximum visual comfort ensured by a spill-ring inside the lens.
* 2 Patents Pending



Opti Beam Refractors*
Micro-prismatic textures with random modelling symmetrical elements that avoid any kind of geometric and chromatic aberration. When combined with the Opti Beam Lens, refractors (even interchangeable models) model the beam of light using different apertures.
* Patent Pending



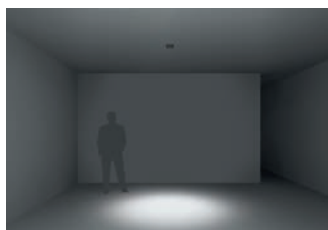
SS - Super Spot
 $\alpha < 8^\circ$



S - Spot
 $\alpha 9^\circ - 15^\circ$



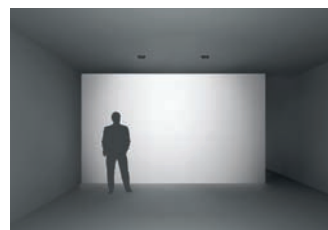
M - Medium
 $\alpha 16^\circ - 25^\circ$



F - Flood
 $\alpha 26^\circ - 39^\circ$



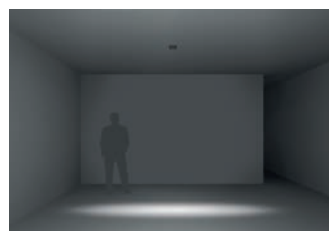
WF - Wide Flood
 $\alpha 40^\circ - 60^\circ$



WW - Wall Washer



GL - General Lighting



E - Elliptical**

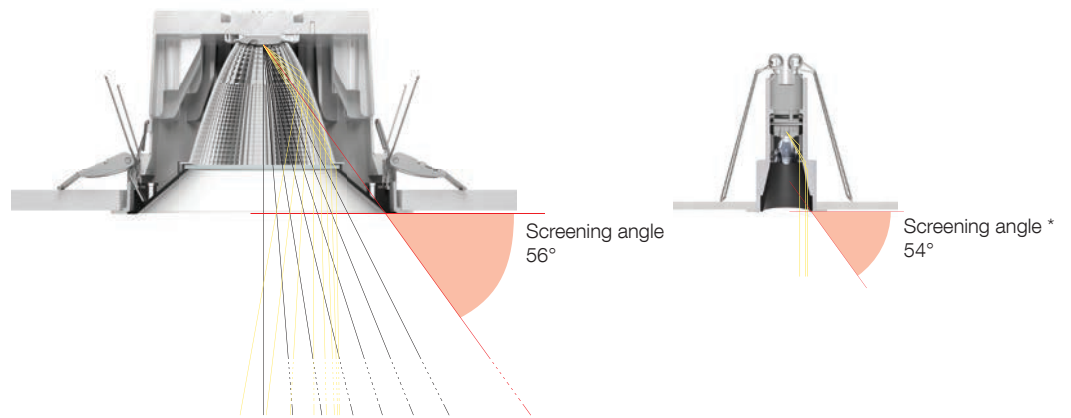
** These optics are obtained by installing the respective accessory.

Visual Wellness

Super comfort optics

The new super comfort optics achieve luminance values of UGR <10 and <1500 cd/m2 by eliminating glare.

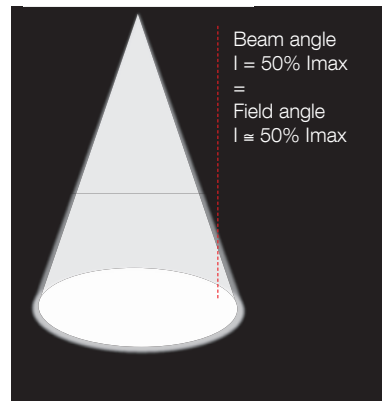
* EN 12464-1:2011



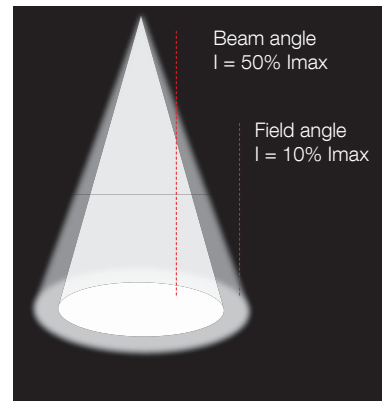
No field angle

We have eliminated the double ring effect, thereby achieving a well-defined light circle. The intensity at the limit angle is close to 50% I_{max} (the field angle aligns with FWHM*).

* FWHM is the angle corresponding to the point where intensity is equal to 50% I_{max}.



Opti Beam Technology



Other technology

Wall Washer Quality

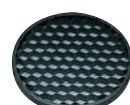
Vertical lighting is our masterpiece. Light entirely overlaps the surface of the wall. Ensuring delicacy. Total cleanliness from bottom to top, with maximum uniformity, without edging effects.



Optical Accessories Various types of lens allow the lighting distribution of the main optics to be modified, thereby achieving highly professional lighting effects.



Refractor for elliptical distribution



Honeycomb louvre



Soft Lens Filter



Filter for Wall washer effect



Spill ring



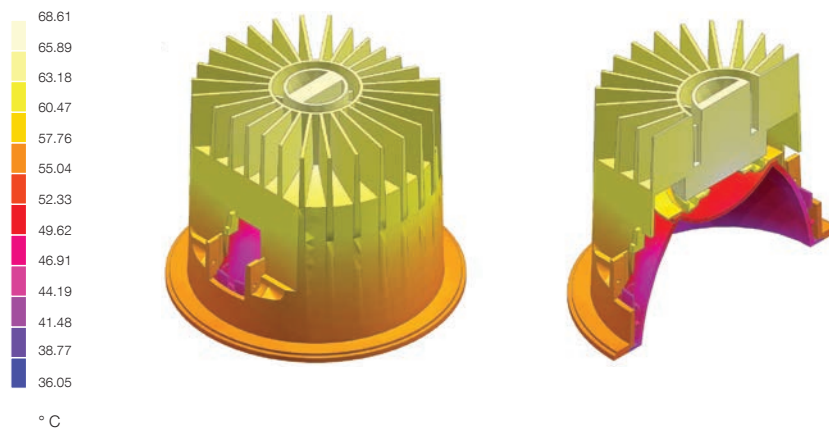
Refractor

Overview Downlights

Reliability for better Light

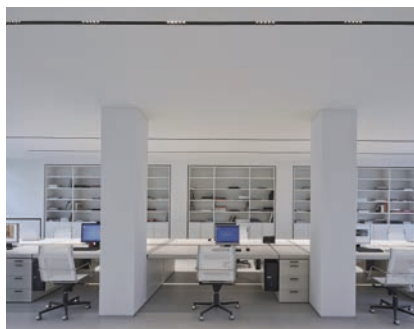
Thermal Dissipation

We test the worst-case condition. Thanks to thermographic and fluid-dynamic simulations, we are able to define the best geometry for our products in order to maintain a constant LED operating temperature.

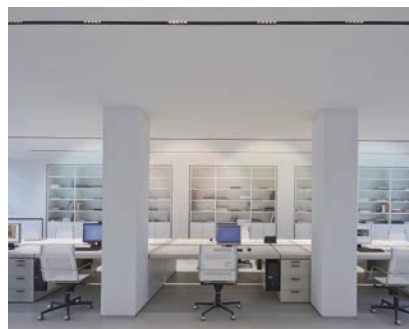


MacAdam

We choose the world's best suppliers to ensure consistent and repetitive selection of LEDs to ensure colour uniformity not only over time but also between different products in the same lighting project, up to MacAdam Step 2.



iGuzzini (MacAdam step 2)



Other solutions (MacAdam step > 3)

CRI

Chromatic yield defines the ability to saturate the colours. We select the best LEDs ensuring incomparable colour yields even for critical colours such as red, achieving CRI values of more than 97.



Duration of LEDs

The lifespan of LEDs is a given statistic. Parameters "L" and "B" describe the percentage value of the final luminous flux (L) and the confidence level expressed (B). Our new generation products always envisage B10 or B20, thereby stating extremely reliable LED lifespan values.



B10 indicates a 90% reliability level at the point the declared lifetime is reached with the light flow indicated

LED C.o.B.



Lighting layout

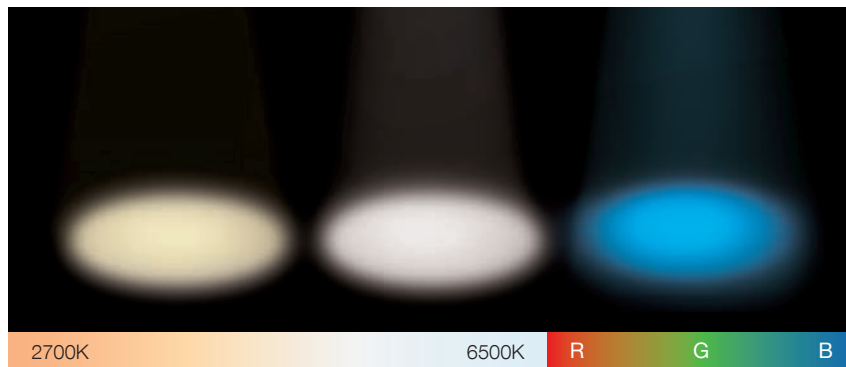
Tunable White

Tunable White technology regains the dynamics of white light, i.e. the temperature variation from 2700K to 5700K, while maintaining lighting intensity.



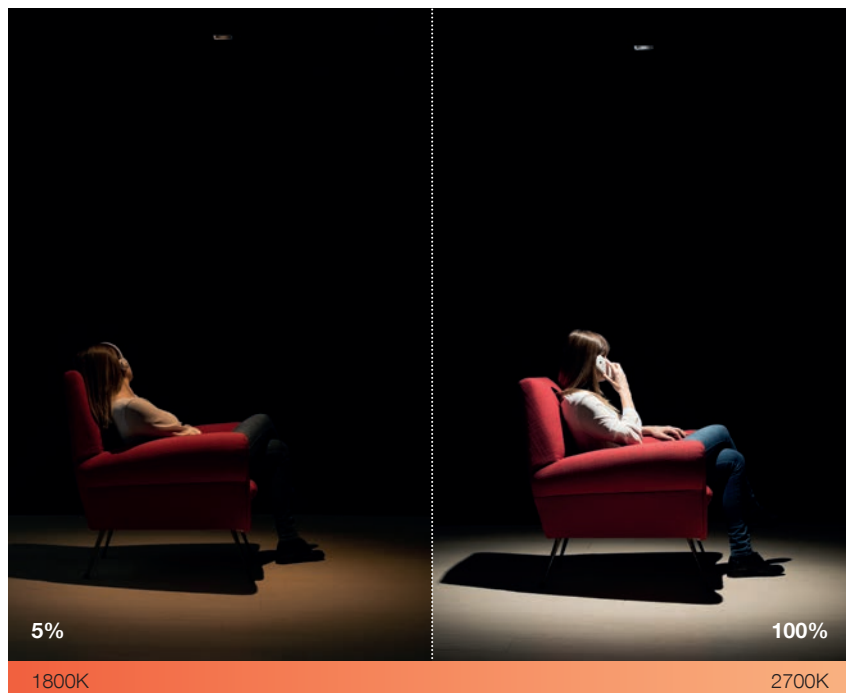
Tunable White / RGB

Innovative TW RGB technology further amplifies the positive effects of Tunable White by exploiting colour variation to transform the setting and stimulate synaesthetic suggestions.



Warm Dimming

Warm dimming is the new feature that varies colour temperature, from 2700K to 1800K, as the lighting intensity decreases, by up to 5%, while maintaining constant colour yield, thereby reproducing halogen's reactive effect.



Blade R

ø 80



frame



minimal



M
α 24° **WF**
α 40°-58°



Cover

ø 125



frame



minimal



M
α 24° **WF**
α 42°-58°



Cover



Multisensor



Palco Framer ø 19 mm



Adjustable Laser ø 59 mm

ø 170



frame



minimal



F
α 26° **WF**
α 44°/58°

ø 170



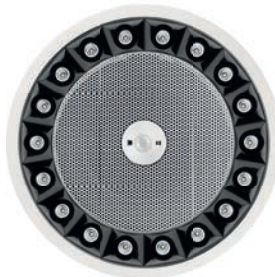
frame



M
α 24° **WF**
α 44°



Cover



Multisensor



Speaker



Cover



Emergency



Videocamera*



Smoke detector*



Palco Framer ø 37 mm



Adjustable Laser ø 75 mm



Easy ø 96 mm

* for information on compatible Videocamera and Smoke detector contact iGuzzini

Blade R

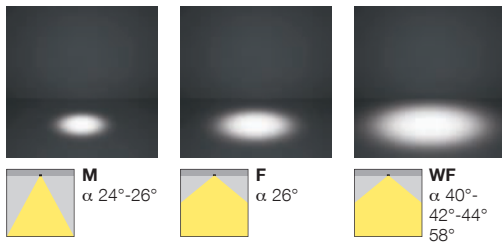


Explore and interact with products in 3D.
thelightexperience.iguzzini.com



- Flush-mount installation on false ceilings of thickness 12.5 to 25 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Main body with radiant surface made of die-cast aluminium.
- High-definition optics made of metallised thermoplastic material, integrated in the innovative black antiglare screen that defines emission with luminance control $UGR < 10$.
- The special configuration of the optical system delivers a precise circular distribution without a spotting effect.
- High visual comfort.
- Installation without tools.
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP23 on the visible body of the mount after installation.

Optics

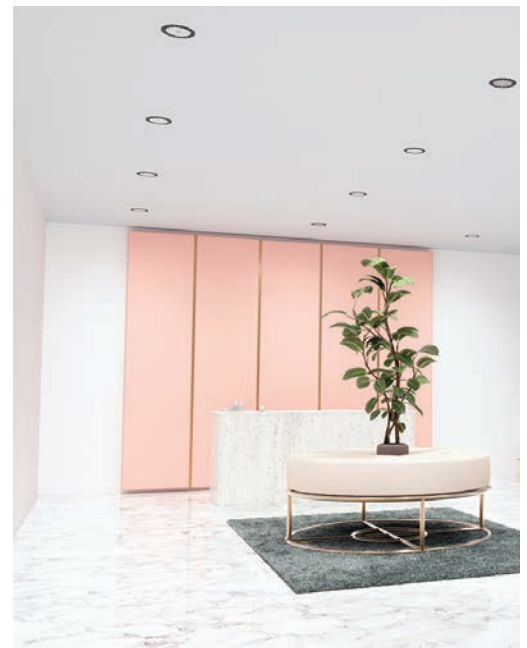


Formal and functional integration

Blade R develops the concept of integration in architecture for human well-being by enabling smart security, entertainment, comfort and sustainability services.



Without Blade R



With Blade R

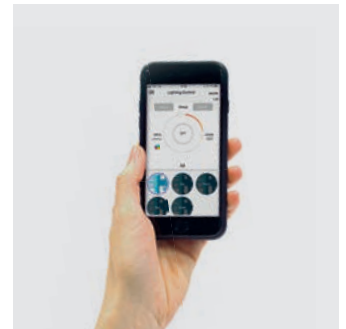
Emergency Light

Optics for escape routes or panic exits (open area).
Autonomy of 3 h, can be used as maintained / non-maintained.



Smart Light Smart Services

The Bluetooth-DALI interface enables light management directly from smartphones (Smart Light Control) or to send information (Smart Services)



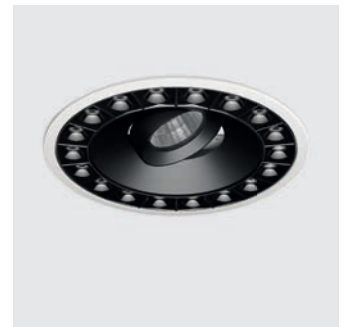
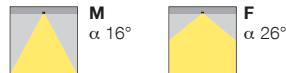
Loudspeaker

Audio speaker for music / messages and evacuation (P.A. 100V) adaptable to traditional audio (8 ohm) and CPR / EN54-24 certified systems.



Dual adjustability

The product is completely withdrawn and, in addition to rotating by 30° on the horizontal axis, it also allows rotation of up to 355° on the vertical axis. Adjustable laser



BLE Multisensor

Movement and light sensor. Compatible with the Bluetooth Quick BLE system, it is also equipped with a Beacon to enable smart services.



Framed light

Precision adjustment by rotating the body without opening the product and directional flaps for manual adjustment of outlines. Palco Framer Low Voltage Ø 19-37mm



Video camera

Adapter for video surveillance camera built into the product. For compatible models, contact iGuzzini.



Variable light

Diffused light with very high performance values and light ensuring high visual comfort for total luminance control. Monochromatic, tunable white, RGB versions. Easy Ø96 mm



Smoke detector

Cover with adapter bracket for targeted optical smoke detector. For compatible models, contact iGuzzini.

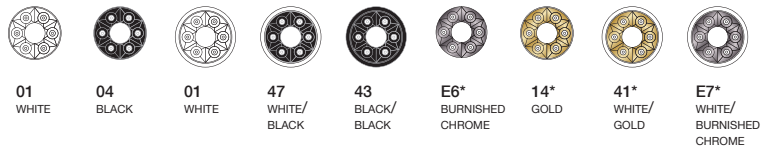


Cover

To ensure an absolute aesthetic integration in architecture, the central cover can also be customised and paint-finished in the desired color, in compliance with the ceiling.



Blade R




iguzzini.com code finder / download design files / save and organize favorites

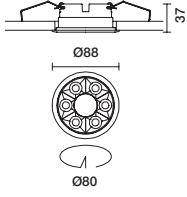
new
Available

* available on request

new

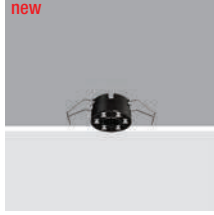


source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 80						
12W	1400	14,1W	1120	24°	QS03	01-43-47
12W	1400	14,1W	1162	40°	QS04	01-43-47
12W	1400	14,1W	1176	58°	QS05	01-43-47
4000K - CRI 90						
12W	1200	14,1W	960	24°	QS06	01-43-47
12W	1200	14,1W	996	40°	QS07	01-43-47
12W	1200	14,1W	1008	58°	QS08	01-43-47
3000K - CRI 90						
12W	1050	14,1W	840	24°	QS09	01-43-47
12W	1050	14,1W	872	40°	QS10	01-43-47
12W	1050	14,1W	882	58°	QS11	01-43-47
2700K - CRI 90						
12W	1000	14,1W	800	24°	QS12	01-43-47
12W	1000	14,1W	830	40°	QS13	01-43-47
12W	1000	14,1W	840	58°	QS14	01-43-47
4000K - CRI 80 - DALI						
12W	1400	14,5W	1120	24°	QS15	01-43-47
12W	1400	14,5W	1162	40°	QS16	01-43-47
12W	1400	14,5W	1176	58°	QS17	01-43-47
4000K - CRI 90 - DALI						
12W	1200	14,5W	960	24°	QS18	01-43-47
12W	1200	14,5W	996	40°	QS19	01-43-47
12W	1200	14,5W	1008	58°	QS20	01-43-47
3000K - CRI 90 - DALI						
12W	1050	14,5W	840	24°	QS21	01-43-47
12W	1050	14,5W	872	40°	QS22	01-43-47
12W	1050	14,5W	882	58°	QS23	01-43-47
2700K - CRI 90 - DALI						
12W	1000	14,5W	800	24°	QS24	01-43-47
12W	1000	14,5W	830	40°	QS25	01-43-47
12W	1000	14,5W	840	58°	QS26	01-43-47

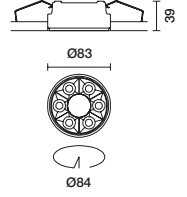


Complete with power supply

new




source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 80 - DALI						
12W	1400	14,5W	1120	24°	QS68	01-04
12W	1400	14,5W	1162	40°	QS69	01-04
12W	1400	14,5W	1176	58°	QS70	01-04
4000K - CRI 90 - DALI						
12W	1200	14,5W	960	24°	QS71	01-04
12W	1200	14,5W	996	40°	QS72	01-04
12W	1200	14,5W	1008	58°	QS73	01-04
3000K - CRI 90 - DALI						
12W	1050	14,5W	840	24°	QS74	01-04
12W	1050	14,5W	872	40°	QS75	01-04
12W	1050	14,5W	882	58°	QS76	01-04
2700K - CRI 90 - DALI						
12W	1000	14,5W	800	24°	QS77	01-04
12W	1000	14,5W	830	40°	QS78	01-04
12W	1000	14,5W	840	58°	QS79	01-04
4000K - CRI 80 - On/off						
12W	1400	14,1W	1120	24°	QS56	01-04
12W	1400	14,1W	1162	40°	QS57	01-04
12W	1400	14,1W	1176	58°	QS58	01-04
4000K - CRI 90 - On/off						
12W	1200	14,1W	960	24°	QS59	01-04
12W	1200	14,1W	996	40°	QS60	01-04
12W	1200	14,1W	1008	58°	QS61	01-04
3000K - CRI 90 - On/off						
12W	1050	14,1W	840	24°	QS62	01-04
12W	1050	14,1W	872	40°	QS63	01-04
12W	1050	14,1W	882	58°	QS64	01-04
2700K - CRI 90 - On/off						
12W	1000	14,1W	800	24°	QS65	01-04
12W	1000	14,1W	830	40°	QS66	01-04
12W	1000	14,1W	840	58°	QS67	01-04



To install minimal products a PA67 flange is required.
Complete with power supply

new



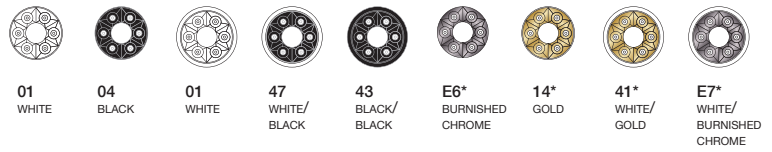
code		colour
PA89		01-04

Mounting accessories code colour

 Minimal flange

for false ceilings between 12.5 mm and 20 mm thick **PA67** 01

Blade R




new

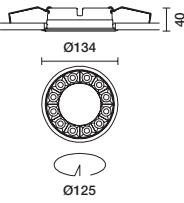
Available
Framer and Adjustable Laser Palco available from June

* available on request

new




source	system	W	lm	W	lm	optic	code	colour
Frame version								
LED								
4000K - CRI 80 - DALI								
24W	2800	26,8W	2212	24°			QT04	01-43-47
24W	2800	26,8W	2352	42°			QS27	01-43-47
24W	2800	26,8W	2380	58°			QS28	01-43-47
4000K - CRI 90 - DALI								
24W	2350	26,8W	1857	24°			QS29	01-43-47
24W	2350	26,8W	1974	42°			QS30	01-43-47
24W	2350	26,8W	1998	58°			QS31	01-43-47
3000K - CRI 90 - DALI								
24W	2100	26,8W	1659	24°			QS32	01-43-47
24W	2100	26,8W	1764	42°			QS33	01-43-47
24W	2100	26,8W	1785	58°			QS34	01-43-47
2700K - CRI 90 - DALI								
24W	2000	26,8W	1580	24°			QS35	01-43-47
24W	2000	26,8W	1680	42°			QS36	01-43-47
24W	2000	26,8W	1700	58°			QS37	01-43-47

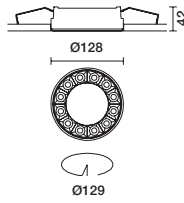


Complete with power supply

new




source	system	W	lm	W	lm	optic	code	colour
Minimal version								
LED								
4000K - CRI 80 - DALI								
24W	2800	26,8W	2212	24°			QS80	01-04
24W	2800	26,8W	2352	42°			QS81	01-04
24W	2800	26,8W	2380	58°			QS82	01-04
4000K - CRI 90 - DALI								
24W	2350	26,8W	1857	24°			QS83	01-04
24W	2350	26,8W	1974	42°			QS84	01-04
24W	2350	26,8W	1998	58°			QS85	01-04
3000K - CRI 90 - DALI								
24W	2100	26,8W	1659	24°			QS86	01-04
24W	2100	26,8W	1764	42°			QS87	01-04
24W	2100	26,8W	1785	58°			QS88	01-04
2700K - CRI 90 - DALI								
24W	2000	26,8W	1580	24°			QS89	01-04
24W	2000	26,8W	1680	42°			QS90	01-04
24W	2000	26,8W	1700	58°			QS91	01-04

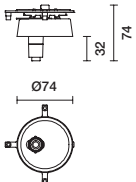


To install minimal products a PA68 flange is required.
Complete with power supply

new




source	system	W	lm	W	lm	optic	code	colour
Palco Framer ø 19 mm								
LED								
3000K - CRI 90 - DALI								
-	-	-	-			Framer	PB13	01-04
2700K - CRI 90 - DALI								
-	-	-	-			Framer	PB14	01-04

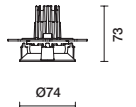


Complete with power supply

new




source	system	W	lm	W	lm	optic	code	colour
Laser adjustable ø 59 mm								
LED								
3000K - CRI 90 - DALI								
-	-	-	-	16°			PB17	01-04
-	-	-	-	26°			PB18	01-04
2700K - CRI 90 - DALI								
-	-	-	-	16°			PB19	01-04
-	-	-	-	26°			PB20	01-04



Complete with power supply


new



code	colour
BLE Light and movement multi-sensor	
PB06	01-47

Compatible with the Quick BLE smart light system. Power supply to be ordered separately.

new



code	colour
Cover	
PA90	01-04

Mounting accessories	code	colour	Power supply	code	colour
Minimal flange			Constant voltage driver IP20 24 Vdc 13 W - Vin 220-240 V - CL II - Dimensions 158x22x19 mm	PA98	00
for false ceilings between 12.5 mm and 20 mm thick	PA68	01			

Blade R



new
Available

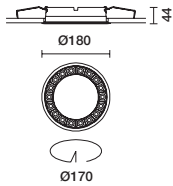
Palco Framer, Adjustable Laser available from June / emergency light, speaker and multisensor available from April / adapter video camera cover available from July
Easy 4000/3000 / 2700K and TW versions available from May / Easy RGB available from September

* available on request



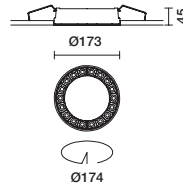
source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 80 - DALI					
36W	4200	39,1W	3318	26°	QS38 01-43-47
36W	4200	39,1W	3486	44°	QS39 01-43-47
36W	4200	39,1W	3528	58°	QS40 01-43-47
4000K - CRI 90 - DALI					
36W	3500	39,1W	2765	26°	QS41 01-43-47
36W	3500	39,1W	2905	44°	QS42 01-43-47
36W	3500	39,1W	2940	58°	QS43 01-43-47
3000K - CRI 90 - DALI					
36W	3150	39,1W	2489	26°	QS44 01-43-47
36W	3150	39,1W	2615	44°	QS45 01-43-47
36W	3150	39,1W	2646	58°	QS46 01-43-47
2700K - CRI 90 - DALI					
36W	2950	39,1W	2331	26°	QS47 01-43-47
36W	2950	39,1W	2449	44°	QS48 01-43-47
36W	2950	39,1W	2478	58°	QS49 01-43-47

Complete with power supply



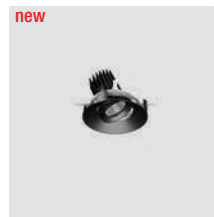
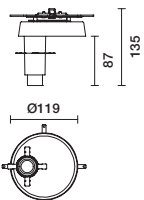
source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 80 - DALI					
36W	4200	39,1W	3318	26°	QS92 01-04
36W	4200	39,1W	3486	44°	QS93 01-04
36W	4200	39,1W	3528	58°	QS94 01-04
4000K - CRI 90 - DALI					
36W	3500	39,1W	2765	26°	QS95 01-04
36W	3500	39,1W	2905	44°	QS96 01-04
36W	3500	39,1W	2940	58°	QS97 01-04
3000K - CRI 90 - DALI					
36W	3150	39,1W	2489	26°	QS98 01-04
36W	3150	39,1W	2615	44°	QS99 01-04
36W	3150	39,1W	2646	58°	QT00 01-04
2700K - CRI 90 - DALI					
36W	2950	39,1W	2331	26°	QT01 01-04
36W	2950	39,1W	2449	44°	QT02 01-04
36W	2950	39,1W	2478	58°	QT03 01-04

To install minimal products a PA69 flange is required.
Complete with power supply.



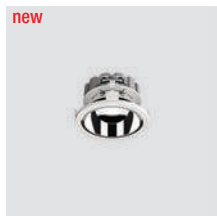
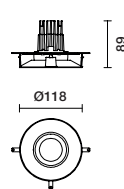
source		system		optic	code colour
W	lm	W	lm		
Palco Framer ø 37 mm					
LED					
3000K - CRI 90 - DALI					
-	-	-	-	Framer	PB15 01-04
2700K - CRI 90 - DALI					
-	-	-	-	Framer	PB16 01-04

Complete with power supply



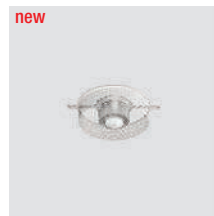
source		system		optic	code colour
W	lm	W	lm		
Laser adjustable ø 75 mm					
LED					
3000K - CRI 90 - DALI					
-	-	-	-	16°	PB21 01-04
-	-	-	-	26°	PB22 01-04
2700K - CRI 90 - DALI					
-	-	-	-	16°	PB23 01-04
-	-	-	-	26°	PB24 01-04
Warm Dimming - CRI 90 - DALI					
-	-	-	-	20°	PB25 01-04
-	-	-	-	26°	PB26 01-04

Complete with power supply



source		system		optic	code colour
W	lm	W	lm		
Easy ø 96 mm					
LED					
4000K - CRI 90 - DALI					
-	-	-	-	UGR	QX46 01-04
3000K - CRI 90 - DALI					
-	-	-	-	UGR	QW39 01-04
2700K - CRI 90 - DALI					
-	-	-	-	UGR	QW40 01-04
Tunable White - CRI 90 - DALI					
-	-	-	-	UGR	QW41 01-04
RGB - CRI 90 - DALI					
-	-	-	-	GL	QW42 01-04

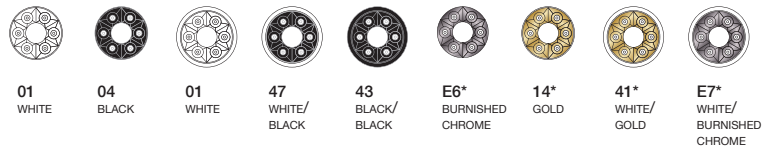
Complete with power supply. Not for QS50 - QS51 - QS52 - QS53 - QS54 - QS55



code colour	
BLE light and movement multi-sensor	
PB07 01-47	

Compatible with the Quick BLE smart light

Blade R



iguzzini.com code finder / download design files / save and organize favorites

* available on request



code colour

Passive speaker EN54 for recessed installation - 12 W 8 ohm / 12 W 100 V / 6 W 70 V

PB10 01-04

The minimum height for the installation compartment is 200 mm



code colour

Adapter for smoke sensor

PB11 01-04

Can be used at a maximum ambient temperature of 25°C. The minimum required for the installation compartment is 200 mm



code colour

Camera adapter

PB12 01-04

Can be used at a maximum of 25°C.
For compatible video cameras, check with the local iguzzini sales team.
The maximum height of the installation compartment is 200 mm



source		system			code colour
W	lm	W	lm	optic	
Emergency lighting					
LED					
5000K - CRI 80					
-	-	0,5W	200	Escape-Route	PB09 01-47
-	-	0,5W	220	Anti-Panic	PB08 01-47

The minimum height of the installation compartment is 200 mm.
Operation in non-maintained (SE). 12h recharge / 3h autonomy



code colour

Cover

PA91 01-04

Mounting accessories		code	colour	Power supply		code	colour
	Minimal flange			Constant voltage driver	PA98	00	
	for false ceilings between 12.5 mm and 20 mm thick	PA69	01	IP20 24 Vdc 13 W - Vin 220-240 V - CL II - Dimensions 158x22x19 mm			
				for recessed Ø 180 mm			

new
Available



source		system			code colour
W	lm	W	lm	optic	
Frame version					
LED					
4000K - CRI 80 - DALI					
51W	6100	56,2W	4819	24°	QS50 01-43-47
51W	6100	56,2W	5063	44°	QS51 01-43-47
3000K - CRI 90 - DALI					
51W	4600	56,2W	3634	24°	QS52 01-43-47
51W	4600	56,2W	3818	44°	QS53 01-43-47
2700K - CRI 90 - DALI					
51W	4300	56,2W	3397	24°	QS54 01-43-47
51W	4300	56,2W	3569	44°	QS55 01-43-47

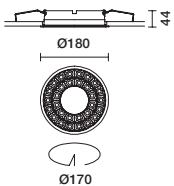
Complete with power supply



code colour

Cover

PA90 01-04



Laser Blade Square

Laser Blade Square High Contrast Frame / Minimal

page 108



M
 α 24°



F
 α 32°-36°



WF
 α 42°-58°
52°

∅ 144



∅ 86



∅ 65



∅ 46



∅ 44



∅ 28



Laser Blade Square Wall Washer
Frame / Minimal

page 112



WW

Laser Blade Square Adjustable
Frame / Minimal

page 114



S
 α 10°



M
 α 22°-24°



F
 α 30°



WF
 α 46°-50°



Laser Blade Square

High Contrast



28x28



44x44



46x46



65x65



86x86



144x144

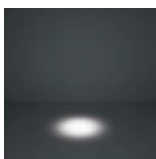


Explore and interact with products in 3D.
thelightexperience.iguzzini.com

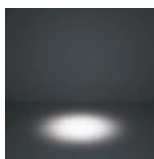


- High contrast square versions with fixed recessed optics.
- Broad range of sizes
- Flush-mount installation without needing tools for 1-25mm false ceilings
- Available with Frame and Minimal application solutions
- Made of die-cast aluminium
- Tunable White versions.
- Opti Beam high definition optics
- High visual comfort
- Controlled Luminance
- IP20
- IP23 on the visible body of the mount after installation.

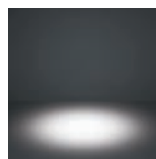
Optics



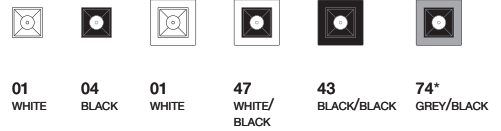

M
 α 24°



F
 α 32°-36°

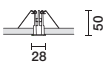




WF
 α 42°-52°
 58°

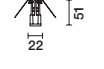

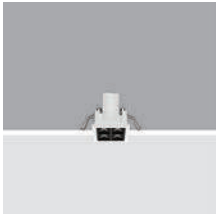
source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 90					
2W	210	2W	168	42°	Q460 01-43-47
3000K - CRI 90					
2W	190	2W	144	24°	Q461 01-43-47
2W	190	2W	152	42°	Q462 01-43-47
2700K - CRI 90					
2W	180	2W	137	24°	Q463 01-43-47
2W	180	2W	144	42°	Q464 01-43-47

Class of Insulation III
Power supply to be ordered separately

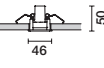

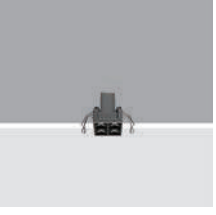
source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 90					
2W	210	2W	168	42°	QI82 01-04
3000K - CRI 90					
2W	190	2W	144	24°	QI83 01-04
2W	190	2W	152	42°	QI84 01-04
2700K - CRI 90					
2W	180	2W	137	24°	QI85 01-04
2W	180	2W	144	42°	QI86 01-04

Class of Insulation III
Power supply to be ordered separately

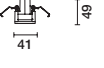


source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 90					
7,9W	770	7,9W	639	58°	Q475 01-43-47
3000K - CRI 90					
7,9W	690	7,9W	552	42°	Q476 01-43-47
7,9W	690	7,9W	573	58°	Q477 01-43-47
2700K - CRI 90					
7,9W	650	7,9W	520	42°	Q478 01-43-47
7,9W	650	7,9W	540	58°	Q479 01-43-47

Class of Insulation III
Power supply to be ordered separately

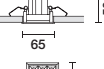


source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 90					
7,9W	770	7,9W	639	58°	QI97 01-04
3000K - CRI 90					
7,9W	690	7,9W	552	42°	QI98 01-04
7,9W	690	7,9W	573	58°	QI99 01-04
2700K - CRI 90					
7,9W	650	7,9W	520	42°	QJ00 01-04
7,9W	650	7,9W	540	58°	QJ01 01-04

Class of Insulation III
Power supply to be ordered separately



source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 90 - DALI					
15W	1550	17,7W	1287	58°	Q501 01-43-47
3000K - CRI 90 - DALI					
15W	1400	17,7W	1162	42°	Q502 01-43-47
15W	1400	17,7W	1162	58°	Q503 01-43-47
2700K - CRI 90 - DALI					
15W	1300	17,7W	1079	42°	Q504 01-43-47
15W	1300	17,7W	1079	58°	Q505 01-43-47
Tunable White - CRI 90 - DALI					
15W	1400	19,7W	1162	42°	Q781 01-43-47
15W	1400	19,7W	1162	58°	Q782 01-43-47

Complete with power supply
Tunable white: 2700K÷5700K

source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 90 - DALI					
15W	1500	17,7W	1245	58°	QJ21 01-04
3000K - CRI 90 - DALI					
15W	1350	17,7W	1121	42°	QJ22 01-04
15W	1350	17,7W	1121	58°	QJ23 01-04
2700K - CRI 90 - DALI					
15W	1300	17,7W	1079	42°	QJ24 01-04
15W	1300	17,7W	1079	58°	QJ25 01-04
Tunable White - CRI 90 - DALI					
15W	1400	19,7W	1162	42°	QJ26 01-04
15W	1400	19,7W	1162	58°	QJ27 01-04

Complete with power supply
Tunable white: 2700K÷5700K


Laser Blade Square

High Contrast



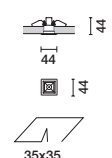
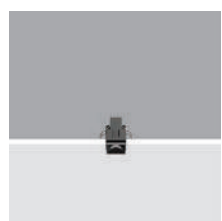
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* available on request



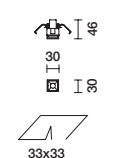

source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 95					
2,1W	200	2,1W	166	32°	MK45 01-43-47
3000K - CRI 90					
2W	200	2,1W	166	32°	MK46 01-43-47
3000K - CRI 95					
2,1W	190	2,1W	158	32°	MQ75 01-43-47
2700K - CRI 95					
2,1W	170	2,1W	141	32°	MM75 01-43-47

Class of Insulation III
Power supply to be ordered separately

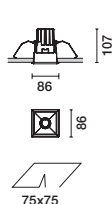

source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 95					
2,1W	200	2,1W	166	32°	QK89 01-04
3000K - CRI 95					
2,1W	190	2,1W	158	32°	QK90 01-04
2700K - CRI 95					
2,1W	170	2,1W	141	32°	QK91 01-04

Class of Insulation III
Power supply to be ordered separately

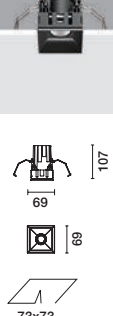

source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 80					
6,6W	1050	9W	798	52°	N153 01-43-47
3000K - CRI 80					
6,6W	1050	9W	798	52°	N154 01-43-47
3000K - CRI 90					
8,4W	1100	10,9W	726	24°	P948 01-43-47
8,4W	1100	10,9W	813	32°	N155 01-43-47
8,4W	1100	10,9W	836	52°	N156 01-43-47
4000K - CRI 80 - DALI					
6,6W	1050	8,7W	798	52°	N159 01-43-47
3000K - CRI 80 - DALI					
6,6W	1050	8,7W	798	52°	N160 01-43-47
3000K - CRI 90 - DALI					
8,3W	1100	10,6W	726	24°	P950 01-43-47
8,3W	1100	10,6W	813	32°	N161 01-43-47
8,3W	1100	10,6W	836	52°	N162 01-43-47
Warm Dimming - CRI 90 - DALI					
8,7W	650	10,7W	488	34°	QE03 01-43-47
8,7W	650	10,7W	533	54° / 50°	QE04 01-43-47

Complete with power supply
2700K versions on request

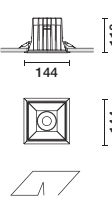

source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 80					
6,6W	1050	9W	860	54°	QJ94 01-04
3000K - CRI 90					
8,4W	1100	10,9W	781	24°	QJ95 01-04
8,4W	1100	10,9W	868	30°	QJ96 01-04
8,4W	1100	10,9W	901	54°	QJ97 01-04
4000K - CRI 80 - DALI					
6,6W	1050	8,7W	860	54°	QK01 01-04
3000K - CRI 90 - DALI					
8,3W	1100	10,6W	781	24°	QK02 01-04
8,3W	1100	10,6W	868	30°	QK03 01-04
8,3W	1100	10,6W	901	54°	QK04 01-04
Warm Dimming - CRI 90 - DALI					
8,4W	590	10,7W	478	34°	QK08 01-04
8,4W	590	10,7W	519	54° / 52°	QK09 01-04

Complete with power supply
2700K versions on request

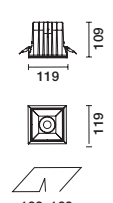
source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 80 - DALI					
21W	3000	23,5W	1948	52°	P776 01-43-47
3000K - CRI 90 - DALI					
29W	3000	32,1W	1860	24°	P777 01-43-47
29W	3000	32,1W	1827	36°	P778 01-43-47
29W	3000	32,1W	1948	52°	P779 01-43-47




Complete with DALI power supply
2700K versions on request

source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 80 - DALI					
21W	2950	23,5W	1916	52°	QK52 01-04
3000K - CRI 90 - DALI					
28W	3150	32,1W	1953	24°	QK53 01-04
28W	3150	32,1W	1918	36°	QK54 01-04
28W	3150	32,1W	2046	52°	QK55 01-04

Complete with DALI power supply
2700K versions on request



Mounting accessories	code	colour	Power supply	code	colour
Minimal flange				MXF9	00
for false ceilings sp. 12,5 mm	PA24	01 for recessed 30x30 mm			
for false ceilings sp. 15 mm	PA25	01 for recessed 30x30 mm			
for false ceilings sp. 20 mm	PA26	01 for recessed 30x30 mm	VIN = 220-240VAC 50/60Hz Iout = 350±1050mA dimensions: 125x80x22	BZM4	00
for false ceilings sp. 25 mm	PA27	01 for recessed 30x30 mm			
for false ceilings between 12.5 mm and 20 mm thick	QJ86	01 for recessed 22x22 mm			
	QJ89	01 for recessed 41x41 mm			
	QJ91	01 for recessed 59x59 mm			
	QK49	01 for recessed 69x69 mm			
	QK71	01 for recessed 119x119 mm version			



Gioielleria Or du Monde – Paris, France

Client: Bijouterie Or du Monde
 Interior design:
 José Pascal Zaidan Architecte
 Photo: Didier Boy De La Tour

Tunable white versions are compatible with the iGuzzini range of light management systems presented on page 902. For the system definition, refer to the instructions.

Laser Blade Square

Wall Washer



86x86



144x144



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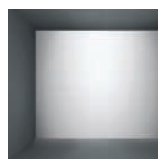


- Square Wall Washer versions
- Flush-mount installation without needing tools for 1-25mm false ceilings
- Available with Frame and Minimal application solutions

- Made of die-cast aluminium
- Specialist patented optical system for effective vertical distribution
- IP20
- IP43 on the visible body of the mount after installation.

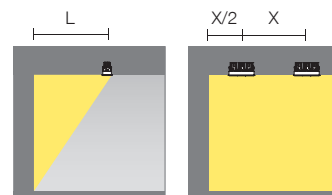
Optics

The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.



Correct installation

Correct installation distances to achieve uniform lighting of the walls. For installation criteria, refer to the instruction sheet.



Version (mm)	L (m)	X (m)	X/2 (m)
89x89	0,7	0,7	0,35
144x144	0,9	1,00	0,5



01
WHITE



04
BLACK



01
WHITE



47
WHITE/BLACK



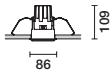
43
BLACK/BLACK



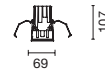
74*
GREY/BLACK



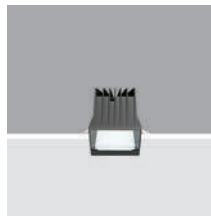
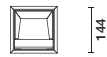
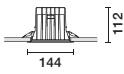
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 80						
6,6W	1050	9W	598	WW	P956	01-43-47
3000K - CRI 90						
8,3W	1050	10,8W	598	WW	P957	01-43-47
4000K - CRI 80 - DALI						
6,6W	1050	8,7W	598	WW	P959	01-43-47
3000K - CRI 90 - DALI						
8,3W	1050	10,6W	598	WW	P960	01-43-47
Warm Dimming - CRI 90 - DALI						
8,4W	590	10,7W	336	WW	QE11	01-43-47
Complete with power supply 2700K versions on request						



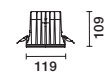
source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 80						
6,5W	1050	8,8W	598	WW	QK16	01-04
3000K - CRI 90						
8,2W	1050	10,7W	598	WW	QK17	01-04
4000K - CRI 80 - DALI						
6,5W	1050	8,6W	598	WW	QK19	01-04
3000K - CRI 90 - DALI						
8,2W	1050	10,5W	598	WW	QK20	01-04
Warm Dimming - CRI 90 - DALI						
8,4W	590	10,7W	336	WW	QK22	01-04
Complete with power supply 2700K versions on request						



source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 80 - DALI						
21W	3000	23,5W	1770	WW	Q266	01-43-47
3000K - CRI 90 - DALI						
29W	3000	32,1W	1770	WW	Q267	01-43-47
Complete with DALI power supply 2700K versions on request						



source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 80 - DALI						
21W	2950	23,5W	1740	WW	QK59	01-04
3000K - CRI 90 - DALI						
28W	3150	32,1W	1858	WW	QK60	01-04
Complete with DALI power supply 2700K versions on request						



Mounting accessories

code colour



Minimal flange

for false ceilings between
12.5 mm and 20 mm thick

QK49 01
for recessed 69x69 mm

QK71 01
for recessed 119x119 mm
version

Laser Blade Square

Adjustable



86x86



144x144



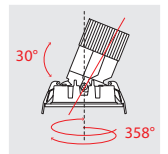
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- Adjustable square versions with recessed optics.
- Flush-mount installation without needing tools for 1-25mm false ceilings
- Available with Frame and Minimal application solutions
- Made of aluminium
- Swivelling and rotating orientation
- Opti Beam high definition optics
- Specific versions with Opti Beam Lens for extremely concentrated light emissions
- Optical and decorative accessories
- IP20
- IP23 on the visible body of the mount after installation.

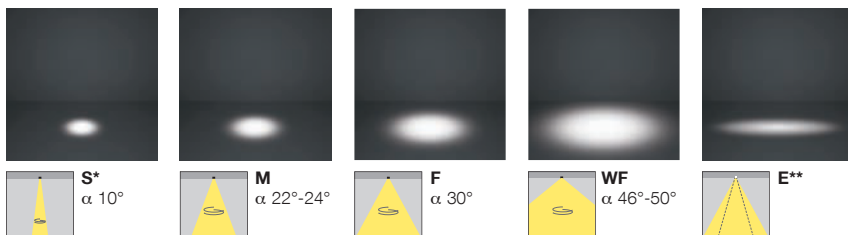


Opti Beam Lens
(Spot 10° optic)



Dual adjustability:

Optics



* Spot optic: product complete with lens
 ** Elliptical Optics: - obtained by installing the respective accessory.



01
WHITE



04
BLACK



01
WHITE



47
WHITE/BLACK



43
BLACK/BLACK

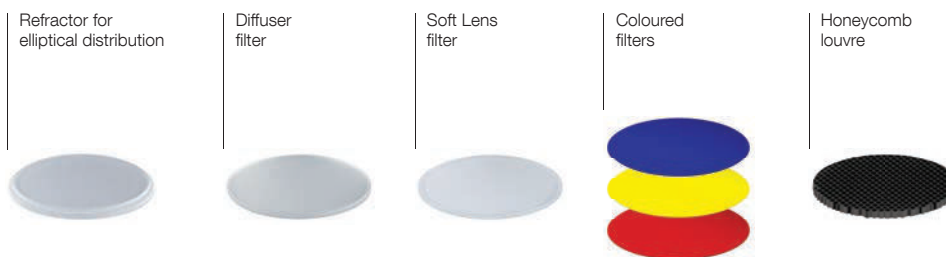


74*
GREY/BLACK

* available on request

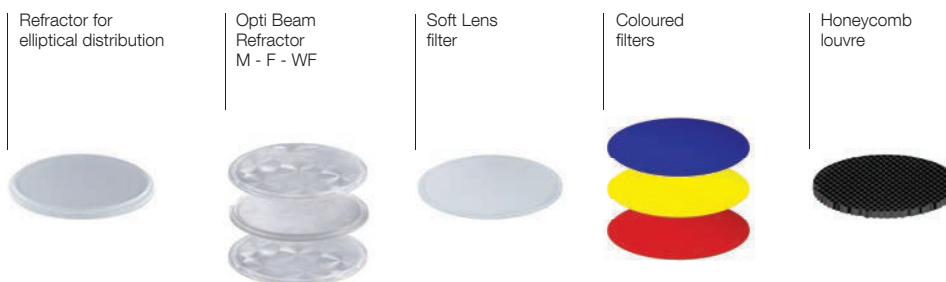
Opti Beam with accessories

The Opti Beam lens produces an extremely concentrated cone (SS) with sharp edges without a double ring effect. In combination, it is possible to fit Opti Beam interchangeable refractors to open the beam to medium, flood and wide flood.



Opti Beam Reflector with accessories

Interchangeable Opti Beam reflectors, on the other hand, produce medium, flood and wide flood cones with higher luminous flux. Optical and photometric accessories to expand and modulate light emissions.

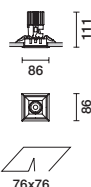


For the number of accessories that can be installed, refer to the instruction sheet

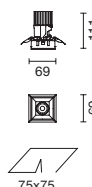
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source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 80						
6,6W	1050	9W	724	50°	P722	01-43-47
3000K - CRI 90						
6,1W	540	8,2W	329	10°	P723	01-43-47
8,3W	1050	10,8W	630	24°	P724	01-43-47
8,3W	1050	10,8W	691	30°	P725	01-43-47
8,3W	1050	10,8W	724	50°	P726	01-43-47
4000K - CRI 80 - DALI						
6,6W	1050	8,7W	724	50°	P731	01-43-47
3000K - CRI 90 - DALI						
6,1W	540	8,1W	329	10°	P732	01-43-47
8,3W	1050	10,6W	630	24°	P733	01-43-47
8,3W	1050	10,6W	691	30°	P734	01-43-47
8,3W	1050	10,6W	724	50°	P735	01-43-47
Warm Dimming - CRI 90 - DALI						
8,5W	610	10,7W	354	30° / 28°	QE07	01-43-47
8,5W	610	10,7W	409	44° / 42°	QE08	01-43-47
Complete with power supply P723, P727, P732, P736: Opti Beam Lens 2700K versions on request						



source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 80						
6,6W	1050	9W	724	50°	QK29	01-04
3000K - CRI 90						
6,1W	540	8,2W	329	10°	QK30	01-04
8,3W	1050	10,8W	630	24°	QK31	01-04
8,3W	1050	10,8W	691	30°	QK32	01-04
8,3W	1050	10,8W	724	50°	QK33	01-04
4000K - CRI 80 - DALI						
6,6W	1050	8,7W	724	50°	QK38	01-04
3000K - CRI 90 - DALI						
6,1W	540	8,1W	329	10°	QK39	01-04
8,3W	1050	10,6W	630	24°	QK40	01-04
8,3W	1050	10,6W	691	30°	QK41	01-04
8,3W	1050	10,6W	724	50°	QK42	01-04
Warm Dimming - CRI 90 - DALI						
8,5W	610	10,7W	354	30° / 28°	QK47	01-04
8,5W	610	10,7W	409	44° / 42°	QK48	01-04
Complete with power supply 2700K versions on request						



Laser Blade Square

Adjustable



01
WHITE



04
BLACK



01
WHITE



47
WHITE/BLACK



43
BLACK/BLACK



74*
GREY/BLACK

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* available on request



source		system		optic	code	colour
W	lm	W	lm			

Frame version

LED

3000K - CRI 90 - DALI
12W 1150 13,5W 564 10° P759 01-43-47

Complete with DALI power supply
Opti Beam Lens
2700K versions on request



128x128



source		system		optic	code	colour
W	lm	W	lm			

Frame version

LED

4000K - CRI 80 - DALI
21W 3000 23,5W 1948 46° P758 01-43-47

3000K - CRI 90 - DALI
29W 3000 32,1W 1740 22° P760 01-43-47

Complete with DALI power supply
2700K versions on request



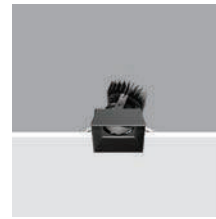
128x128



86x86



144x144



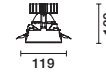
source		system		optic	code	colour
W	lm	W	lm			

Minimal version

LED

3000K - CRI 90 - DALI
12W 1150 13,5W 564 10° QK63 01-04

Complete with DALI power supply
Opti Beam Lens
2700K versions on request



123x123



source		system		optic	code	colour
W	lm	W	lm			

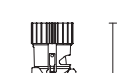
Minimal version

LED

4000K - CRI 80 - DALI
21W 3000 23,5W 1948 46° QK62 01-04

3000K - CRI 90 - DALI
28W 3100 32,1W 1798 22° QK64 01-04

Complete with DALI power supply
2700K versions on request



119



86x86



144x144

Optical accessories	code	colour	code	colour
---------------------	------	--------	------	--------



Opti Beam Refractor

medium	---	---	MY47 24	for Opti Beam Lens
--------	-----	-----	----------------	--------------------

flood	---	---	MY48 24	for Opti Beam Lens
-------	-----	-----	----------------	--------------------

wide flood	---	---	MY49 24	for Opti Beam Lens
------------	-----	-----	----------------	--------------------



Honeycomb louvre	MY39 04		MY38 04	
------------------	----------------	--	----------------	--



Diffuser Filter	MW78 24-75		---	---
-----------------	-------------------	--	-----	-----

for Opti Beam Reflector



"Soft Lens" filter	MY42 24		MY46 24	
--------------------	----------------	--	----------------	--

for Opti Beam Reflector



Refractor for elliptical distribution	MY40 24		MXV1 24	
---------------------------------------	----------------	--	----------------	--

for Opti Beam Reflector



Coloured filters	MY14 05-06-16		4491 05-06-09	
------------------	----------------------	--	----------------------	--

			4491 24	
			MY50 05-06-16	

for Opti Beam Reflector
4491 65
for Opti Beam Reflector

Mounting accessories	code	colour	code	colour
----------------------	------	--------	------	--------



Minimal flange

for false ceilings between 12.5 mm and 20 mm thick	QK49 01		QK71 01	
--	----------------	--	----------------	--

for recessed 69x69 mm

for recessed 119x119 mm version

pages 118 - 119

Under - Båly, Norway

Client: Gaute and Stig Ubostad

Architectural Project: Snøhetta

Lighting project: ÅF Lighting

Photo: Tomasz Majewski

Head Offices - Big Green Egg - De Lier, Paesi Bassi

Client: Big Green Egg Europe

Architectural Project: Paul de Vroom Architecten + Sputnik Architects

Photo: Ossip van Duivenbode



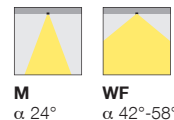
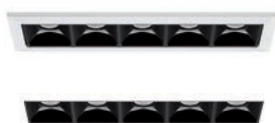




Laser Blade

Laser Blade XS High Contrast

page 124



M
 α 24°

WF
 α 42°-58°



Laser Blade XS Wall Washer LGC

page 130



WW



Laser Blade XS Wall Washer

page 134



WW



Laser Blade XS General Lighting Pro

page 138

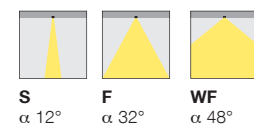


GL



Laser Blade High Contrast

page 140



S
 α 12°

F
 α 32°

WF
 α 48°



Laser Blade Wall Washer LGC

page 146



WW



Laser Blade Wall Washer

page 150



WW



Laser Blade General Lighting Pro

page 154



GL



Laser Blade General Lighting

page 156



GL



Laser Blade Adjustable

page 158



S
 α 12°



F
 α 32°



WF
 α 48°



Laser Blade InOut

page 812



S
 α 12°



F
 α 30°



WF
 α 48°



Laser Blade

Laser Blade L High Contrast

page 160



M
 α 24°

F
 α 32°

WF
 α 52°-
54°



Laser Blade L Wall Washer

page 162



WW



Laser Blade L Adjustable

page 164



S
 α 10°

M
 α 24°

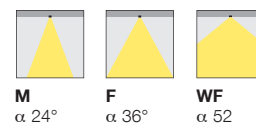
F
 α 30°

WF
 α 50°



Laser Blade XL High Contrast

page 166



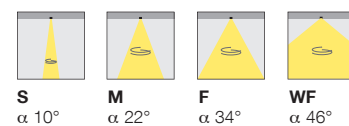
Laser Blade XL Wall Washer

page 168



Laser Blade XL Adjustable

page 170



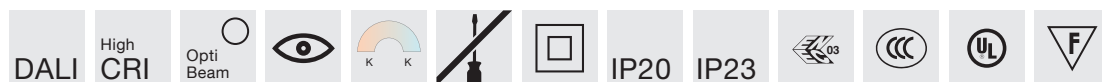
Laser Blade XS "The Blade"

High Contrast

Awards
Lighting Design Awards 2017
ADI Design Index 2017



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thelightexperience.iguzzini.com



- Flush-mount installation on false ceilings of thickness 12.5 – 15 – 20 - 25 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Main body with radiant surface made of die-cast aluminium.
- High-definition optics made of metallised thermoplastic material, integrated in the innovative black antiglare screen that defines

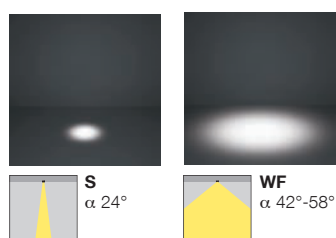
- emission with luminance control UGR<10 for (wide flood UGR 19).
- Tunable White versions available (2700K ÷ 5700K).
- The special configuration of the optical system delivers a precise circular distribution without punctiform effect.
- High visual comfort.
- Installation without tools.
- The minimum installation space dimensions are listed in the online instruction catalogue.

- IP20
- IP23 on the visible body of the mount after installation.



Compact dimensions

Optics






01 WHITE 04 BLACK 01 WHITE 47 WHITE/BLACK 43 BLACK/BLACK 74* GREY/BLACK E6* BURNISHED CHROME 14* GOLD 41* WHITE/GOLD E7* WHITE/BURNISHED CHROME

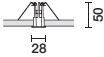
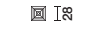
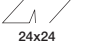
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* available on request

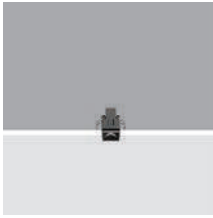


source		system			
W	lm	W	lm	optic	code colour
Frame version					
LED					
4000K - CRI 90					
2W	210	2W	168	42°	Q460 01-43-47
3000K - CRI 90					
2W	190	2W	144	24°	Q461 01-43-47
2W	190	2W	152	42°	Q462 01-43-47
2700K - CRI 90					
2W	180	2W	137	24°	Q463 01-43-47
2W	180	2W	144	42°	Q464 01-43-47

Class of Insulation III
Power supply to be ordered separately

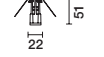

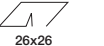




24x24

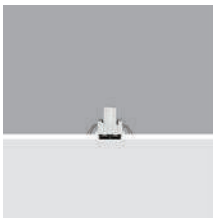


source		system			
W	lm	W	lm	optic	code colour
Minimal version					
LED					
4000K - CRI 90					
2W	210	2W	168	42°	Q182 01-04
3000K - CRI 90					
2W	190	2W	144	24°	Q183 01-04
2W	190	2W	152	42°	Q184 01-04
2700K - CRI 90					
2W	180	2W	137	24°	Q185 01-04
2W	180	2W	144	42°	Q186 01-04

Class of Insulation III
Power supply to be ordered separately

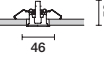

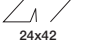




26x26




source		system			
W	lm	W	lm	optic	code colour
Frame version					
LED					
4000K - CRI 90					
4W	400	4W	320	42°	Q465 01-43-47
3000K - CRI 90					
4W	360	4W	274	24°	Q466 01-43-47
4W	360	4W	288	42°	Q467 01-43-47
2700K - CRI 90					
4W	340	4W	258	24°	Q468 01-43-47
4W	340	4W	272	42°	Q469 01-43-47

Class of Insulation III
Power supply to be ordered separately

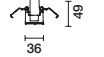

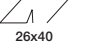




24x42




source		system			
W	lm	W	lm	optic	code colour
Minimal version					
LED					
4000K - CRI 90					
4W	400	4W	320	42°	Q187 01-04
3000K - CRI 90					
4W	360	4W	274	24°	Q188 01-04
4W	360	4W	288	42°	Q189 01-04
2700K - CRI 90					
4W	340	4W	258	24°	Q190 01-04
4W	340	4W	272	42°	Q191 01-04

Class of Insulation III
Power supply to be ordered separately

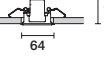

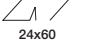




26x40

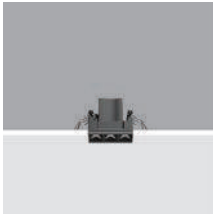


source		system			
W	lm	W	lm	optic	code colour
Frame version					
LED					
4000K - CRI 90					
6W	590	6W	490	42°	Q470 01-43-47
3000K - CRI 90					
6W	540	6W	427	24°	Q471 01-43-47
6W	540	6W	448	42°	Q472 01-43-47
2700K - CRI 90					
6W	510	6W	403	24°	Q473 01-43-47
6W	510	6W	423	42°	Q474 01-43-47

Class of Insulation III
Power supply to be ordered separately


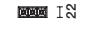
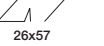




24x60



source		system			
W	lm	W	lm	optic	code colour
Minimal version					
LED					
4000K - CRI 90					
6W	590	6W	490	42°	Q192 01-04
3000K - CRI 90					
6W	540	6W	427	24°	Q193 01-04
6W	540	6W	448	42°	Q194 01-04
2700K - CRI 90					
6W	510	6W	403	24°	Q195 01-04
6W	510	6W	423	42°	Q196 01-04

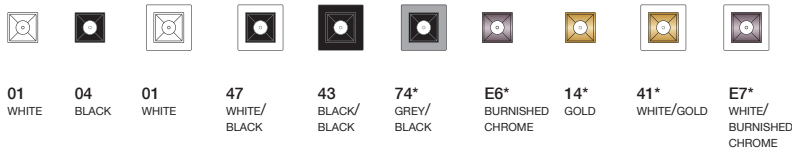
Class of Insulation III
Power supply to be ordered separately

26x57


Laser Blade XS

High Contrast



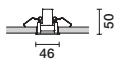



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* available on request



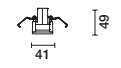



source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 90					
7,9W	770	7,9W	639	58°	Q475 01-43-47
3000K - CRI 90					
7,9W	690	7,9W	552	42°	Q476 01-43-47
7,9W	690	7,9W	573	58°	Q477 01-43-47
2700K - CRI 90					
7,9W	650	7,9W	520	42°	Q478 01-43-47
7,9W	650	7,9W	540	58°	Q479 01-43-47

Class of Insulation III
Power supply to be ordered separately

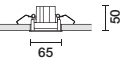



source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 90					
7,9W	770	7,9W	639	58°	QI97 01-04
3000K - CRI 90					
7,9W	690	7,9W	552	42°	QI98 01-04
7,9W	690	7,9W	573	58°	QI99 01-04
2700K - CRI 90					
7,9W	650	7,9W	520	42°	QJ00 01-04
7,9W	650	7,9W	540	58°	QJ01 01-04

Class of Insulation III
Power supply to be ordered separately

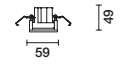



source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 90 - DALI					
15W	1550	17,7W	1287	58°	Q501 01-43-47
3000K - CRI 90 - DALI					
15W	1400	17,7W	1162	42°	Q502 01-43-47
15W	1400	17,7W	1162	58°	Q503 01-43-47
2700K - CRI 90 - DALI					
15W	1300	17,7W	1079	42°	Q504 01-43-47
15W	1300	17,7W	1079	58°	Q505 01-43-47
Tunable White - CRI 90 - DALI					
15W	1400	19,7W	1162	42°	Q781 01-43-47
15W	1400	19,7W	1162	58°	Q782 01-43-47

Complete with power supply
Tunable white: 2700K±5700K

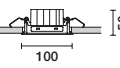



source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 90 - DALI					
15W	1500	17,7W	1245	58°	QJ21 01-04
3000K - CRI 90 - DALI					
15W	1350	17,7W	1121	42°	QJ22 01-04
15W	1350	17,7W	1121	58°	QJ23 01-04
2700K - CRI 90 - DALI					
15W	1300	17,7W	1079	42°	QJ24 01-04
15W	1300	17,7W	1079	58°	QJ25 01-04
Tunable White - CRI 90 - DALI					
15W	1400	19,7W	1162	42°	QJ26 01-04
15W	1400	19,7W	1162	58°	QJ27 01-04

Complete with power supply
Tunable white: 2700K±5700K

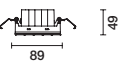


source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 90					
9,9W	990	12,7W	822	42°	Q485 01-43-47
9,9W	990	12,7W	822	58°	Q486 01-43-47
3000K - CRI 90					
9,9W	890	12,7W	703	24°	Q487 01-43-47
9,9W	890	12,7W	739	42°	Q488 01-43-47
9,9W	890	12,7W	739	58°	Q489 01-43-47
2700K - CRI 90					
9,9W	840	12,7W	664	24°	Q490 01-43-47
9,9W	840	12,7W	697	42°	Q491 01-43-47
9,9W	840	12,7W	697	58°	Q492 01-43-47
4000K - CRI 90 - DALI					
9,9W	990	12,4W	822	42°	Q493 01-43-47
9,9W	990	12,4W	822	58°	Q494 01-43-47

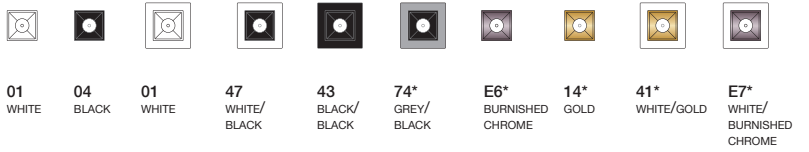

Complete with power supply

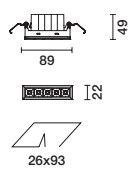
source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 90					
9,9W	970	12,7W	805	42°	QJ02 01-04
9,9W	970	12,7W	805	58°	QJ03 01-04
3000K - CRI 90					
9,9W	870	12,7W	687	24°	QJ04 01-04
9,9W	870	12,7W	722	42°	QJ05 01-04
9,9W	870	12,7W	722	58°	QJ06 01-04
2700K - CRI 90					
9,9W	820	12,7W	648	24°	QJ07 01-04
9,9W	820	12,7W	681	42°	QJ08 01-04
9,9W	820	12,7W	681	58°	QJ09 01-04
4000K - CRI 90 - DALI					
9,9W	970	12,4W	805	42°	QJ10 01-04
9,9W	970	12,4W	805	58°	QJ11 01-04

Complete with power supply






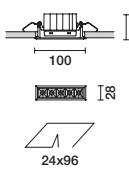
source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
3000K - CRI 90 - DALI						
9,9W	870	12,4W	687	24°	QJ12	01-04
9,9W	870	12,4W	722	42°	QJ13	01-04
9,9W	870	12,4W	722	58°	QJ14	01-04
2700K - CRI 90 - DALI						
9,9W	820	12,4W	648	24°	QJ15	01-04
9,9W	820	12,4W	681	42°	QJ16	01-04
9,9W	820	12,4W	681	58°	QJ17	01-04
Tunable White - CRI 90 - DALI						
8,6W	820	12,8W	648	24°	QJ18	01-04
8,6W	820	12,8W	681	42°	QJ19	01-04
8,6W	820	12,8W	681	58°	QJ20	01-04




Complete with power supply



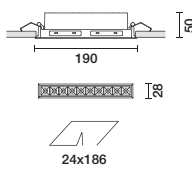
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
3000K - CRI 90 - DALI						
9,9W	890	12,4W	703	24°	Q495	01-43-47
9,9W	890	12,4W	739	42°	Q496	01-43-47
9,9W	890	12,4W	739	58°	Q497	01-43-47
2700K - CRI 90 - DALI						
9,9W	840	12,4W	664	24°	Q498	01-43-47
9,9W	840	12,4W	697	42°	Q499	01-43-47
9,9W	840	12,4W	697	58°	Q500	01-43-47
Tunable White - CRI 90 - DALI						
8,6W	820	12,8W	648	24°	Q778	01-43-47
8,6W	820	12,8W	681	42°	Q779	01-43-47
8,6W	820	12,8W	681	58°	Q780	01-43-47




Complete with power supply



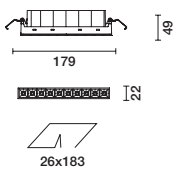
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
Minimal version						
LED						
4000K - CRI 90 - DALI						
20W	1900	23,1W	1577	42°	Q506	01-43-47
20W	1900	23,1W	1577	58°	Q507	01-43-47
3000K - CRI 90 - DALI						
20W	1750	23,1W	1383	24°	Q508	01-43-47
20W	1750	23,1W	1453	42°	Q509	01-43-47
20W	1750	23,1W	1453	58°	Q510	01-43-47
2700K - CRI 90 - DALI						
20W	1650	23,1W	1304	24°	Q511	01-43-47
20W	1650	23,1W	1370	42°	Q512	01-43-47
20W	1650	23,1W	1370	58°	Q513	01-43-47
Tunable White - CRI 90 - DALI						
17W	1600	21,3W	1264	24°	Q783	01-43-47
17W	1600	21,3W	1328	42°	Q784	01-43-47
17W	1600	21,3W	1328	58°	Q785	01-43-47




Complete with power supply
Tuneable white: 2700K÷5700K



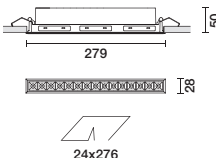
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
Minimal version						
LED						
4000K - CRI 90 - DALI						
20W	1900	23,1W	1577	42°	QJ28	01-04
20W	1900	23,1W	1577	58°	QJ29	01-04
3000K - CRI 90 - DALI						
20W	1700	23,1W	1343	24°	QJ30	01-04
20W	1700	23,1W	1411	42°	QJ31	01-04
20W	1700	23,1W	1411	58°	QJ32	01-04
2700K - CRI 90 - DALI						
20W	1600	23,1W	1264	24°	QJ33	01-04
20W	1600	23,1W	1328	42°	QJ34	01-04
20W	1600	23,1W	1328	58°	QJ35	01-04
Tunable White - CRI 90 - DALI						
17W	1600	21,3W	1264	24°	QJ36	01-04
17W	1600	21,3W	1328	42°	QJ37	01-04
17W	1600	21,3W	1328	58°	QJ38	01-04




Complete with power supply
Tuneable white: 2700K÷5700K



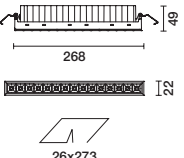
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 90 - DALI						
30W	2850	33,8W	2366	42°	Q514	01-43-47
30W	2850	33,8W	2366	58°	Q515	01-43-47
3000K - CRI 90 - DALI						
30W	2550	33,8W	2015	24°	Q516	01-43-47
30W	2550	33,8W	2117	42°	Q517	01-43-47
30W	2550	33,8W	2117	58°	Q518	01-43-47



Complete with power supply
Tuneable white: 2700K÷5700K



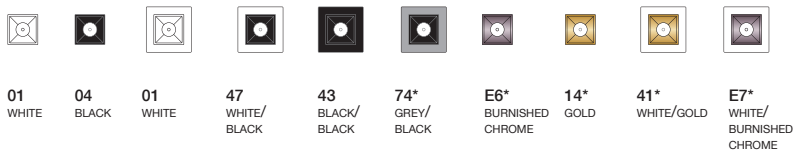
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 90 - DALI						
30W	2850	33,8W	2366	42°	QJ39	01-04
30W	2850	33,8W	2366	58°	QJ40	01-04
3000K - CRI 90 - DALI						
30W	2550	33,8W	2015	24°	QJ41	01-04
30W	2550	33,8W	2117	42°	QJ42	01-04
30W	2550	33,8W	2117	58°	QJ43	01-04



Complete with power supply
Tuneable white: 2700K÷5700K

Laser Blade XS

High Contrast



01 WHITE 04 BLACK 01 WHITE 47 WHITE/BLACK 43 BLACK/BLACK 74* GREY/BLACK E6* BURNISHED CHROME 14* GOLD 41* WHITE/GOLD E7* WHITE/BURNISHED CHROME

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* available on request

source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
2700K - CRI 90 - DALI						
30W	2450	33,8W	1936	24°	Q519	01-43-47
30W	2450	33,8W	2034	42°	Q520	01-43-47
30W	2450	33,8W	2034	58°	Q521	01-43-47
Tunable White - CRI 90 - DALI						
28W	2500	32,8W	1975	24°	Q786	01-43-47
28W	2500	32,8W	2075	42°	Q787	01-43-47
28W	2500	32,8W	2075	58°	Q788	01-43-47
Complete with power supply Tunable white: 2700K÷5700K						

source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
2700K - CRI 90 - DALI						
30W	2400	33,8W	1896	24°	QJ44	01-04
30W	2400	33,8W	1992	42°	QJ45	01-04
30W	2400	33,8W	1992	58°	QJ46	01-04
Tunable White - CRI 90 - DALI						
28W	2500	32,8W	1975	24°	QJ47	01-04
28W	2500	32,8W	2075	42°	QJ48	01-04
28W	2500	32,8W	2075	58°	QJ49	01-04
Complete with power supply Tunable white: 2700K÷5700K						

Mounting accessories	code	colour
Minimal flange		
for false ceilings between 12.5 mm and 20 mm thick	QJ86	01
	QJ87	01
for recessed 36x22 mm	QJ89	01
for recessed 41x41 mm	QJ88	01
for recessed 54x22 mm	QJ91	01
for recessed 59x59 mm	QJ90	01
for recessed 89x22 mm	QJ92	01
for recessed 179x22 mm	QJ93	01
for recessed 268x22 mm		

Power supply	code	colour
Constant current power supply unit non dimmable IP20 17W	MXF9	00
Constant current power supply DALI IP20 50W		
VIN = 220-240VAC 50/60Hz Iout = 350÷1050mA dimensions: 125x80x22	BZM4	00



Private loft – Heilbron, Germany
Architectural Project: Herzog + Herzog Architekten
Photo: David Frank

Under – Båly, Norway

Client: Gaute and Stig Ubostad
Architectural Project: Snohetta / Lighting project: ÅF Lighting Photo: Tomasz Majewski



Laser Blade XS

Wall Washer Super Comfort LGC



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- Flush-mount installation on false ceilings of thickness 12.5 – 15 – 20 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Main body with radiant surface made of die-cast aluminium.
- Optical system (patented) with asymmetrical micro-prismatic screen, specially designed to

- achieve effective wall washer distribution on the wall.
- Longitudinal Glare Control (LGC) version designed to significantly reduce longitudinal glare effects.
- Tunable White versions available (2700K ÷ 5700K).
- Installation without tools.
- The minimum installation space dimensions are listed in the online instruction catalogue.

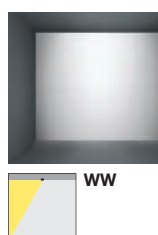
- IP20
- IP43 on the visible body of the mount after installation.



Compact dimensions

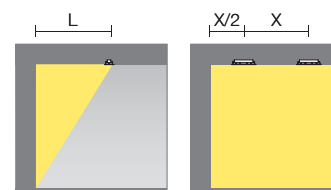
Optics

The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.



Correct installation

Correct installation distances to achieve uniform lighting of the walls.



Version (mm)	L (m)	X (m)	X/2 (m)
64x28 / 54x22	0,7	0,5	0,25
100x28 / 86x22	0,8	0,7	0,35
190x28 / 179x22	1,0	1,0	0,5
279x28 / 268x22	1,0	1,0	0,5



04
BLACK

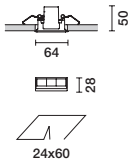
47
WHITE/BLACK

43
BLACK/BLACK

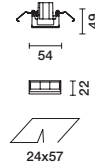
74*
GREY/BLACK



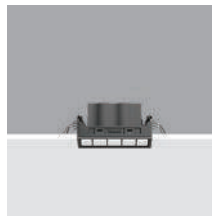
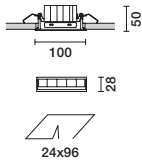
source		system		optic	code	colour
W	lm	W	lm			
Frame version - Longitudinal Glare Control						
LED						
4000K - CRI 90						
5,9W	580	5,9W	162	WW	QD59	43-47
3000K - CRI 90						
5,9W	530	5,9W	148	WW	QD60	43-47
2700K - CRI 90						
5,9W	500	5,9W	140	WW	QD61	43-47
Class of Insulation III						
Power supply to be ordered separately						



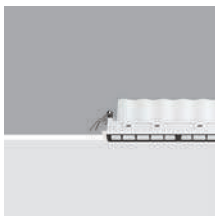
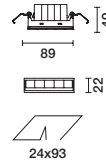
source		system		optic	code	colour
W	lm	W	lm			
Minimal version - Longitudinal Glare Control						
LED						
4000K - CRI 90						
5,9W	580	5,9W	162	WW	QJ68	04
3000K - CRI 90						
5,9W	530	5,9W	148	WW	QJ69	04
2700K - CRI 90						
5,9W	500	5,9W	140	WW	QJ70	04
Class of Insulation III						
Power supply to be ordered separately						



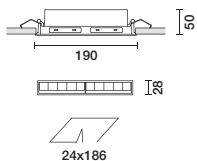
source		system		optic	code	colour
W	lm	W	lm			
Frame version - Longitudinal Glare Control						
LED						
4000K - CRI 90						
9,9W	960	12,7W	307	WW	QD62	43-47
3000K - CRI 90						
9,9W	860	12,7W	275	WW	QD63	43-47
2700K - CRI 90						
9,9W	810	12,7W	259	WW	QD64	43-47
4000K - CRI 90 - DALI						
9,9W	960	12,4W	307	WW	QD65	43-47
3000K - CRI 90 - DALI						
9,9W	860	12,4W	275	WW	QD66	43-47
2700K - CRI 90 - DALI						
9,9W	810	12,4W	259	WW	QD67	43-47
Tunable White - CRI 90 - DALI						
8,6W	810	12,8W	259	WW	QD68	43-47
Complete with power supply						
Tunable white: 2700K±5700K						



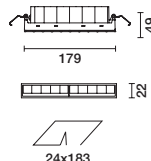
source		system		optic	code	colour
W	lm	W	lm			
Minimal version - Longitudinal Glare Control						
LED						
4000K - CRI 90						
9,9W	960	12,7W	307	WW	QJ71	04
3000K - CRI 90						
9,9W	860	12,7W	275	WW	QJ72	04
2700K - CRI 90						
9,9W	810	12,7W	259	WW	QJ73	04
4000K - CRI 90 - DALI						
9,9W	960	12,4W	307	WW	QJ74	04
3000K - CRI 90 - DALI						
9,9W	860	12,4W	275	WW	QJ75	04
2700K - CRI 90 - DALI						
9,9W	810	12,4W	259	WW	QJ76	04
Tunable White - CRI 90 - DALI						
8,6W	810	12,8W	259	WW	QJ77	04
Complete with power supply						
Tunable white: 2700K±5700K						



source		system		optic	code	colour
W	lm	W	lm			
Frame version - Longitudinal Glare Control						
LED						
4000K - CRI 90 - DALI						
17W	1700	19,2W	544	WW	QD69	43-47
3000K - CRI 90 - DALI						
17W	1550	19,2W	496	WW	QD70	43-47
2700K - CRI 90 - DALI						
17W	1450	19,2W	464	WW	QD71	43-47
Tunable White - CRI 90 - DALI						
15W	1450	18,9W	464	WW	QD72	43-47
Complete with power supply						
Tunable white: 2700K±5700K						



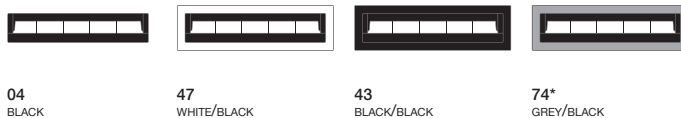
source		system		optic	code	colour
W	lm	W	lm			
Minimal version - Longitudinal Glare Control						
LED						
4000K - CRI 90 - DALI						
17W	1700	19,2W	544	WW	QJ78	04
3000K - CRI 90 - DALI						
17W	1550	19,2W	496	WW	QJ79	04
2700K - CRI 90 - DALI						
17W	1450	19,2W	464	WW	QJ80	04
Tunable White - CRI 90 - DALI						
15W	1450	18,9W	464	WW	QJ81	04
Complete with power supply						
Tunable white: 2700K±5700K						



Tunable white versions are compatible with the iGuzzini range of light management systems presented on page 902. For the system definition, refer to the instructions.

Laser Blade XS

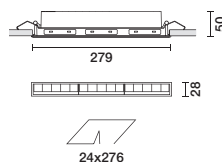
Wall Washer Super Comfort LGC



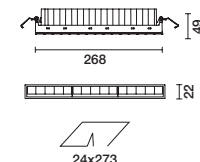
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* available on request

source	system		optic	code	colour
	W	lm			
Frame version - Longitudinal Glare Control					
LED					
4000K - CRI 90 - DALI					
25W	2500	28,4W	800	WW	QD73 43-47
3000K - CRI 90 - DALI					
25W	2250	28,4W	720	WW	QD74 43-47
2700K - CRI 90 - DALI					
25W	2150	28,4W	688	WW	QD75 43-47
Tunable White - CRI 90 - DALI					
24W	2250	28,4W	720	WW	QD76 43-47
Complete with power supply Tunable white: 2700K÷5700K					



source	system		optic	code	colour
	W	lm			
Minimal version - Longitudinal Glare Control					
LED					
4000K - CRI 90 - DALI					
25W	2500	28,4W	800	WW	QJ82 04
3000K - CRI 90 - DALI					
25W	2250	28,4W	720	WW	QJ83 04
2700K - CRI 90 - DALI					
25W	2150	28,4W	688	WW	QJ84 04
Tunable White - CRI 90 - DALI					
24W	2250	28,4W	720	WW	QJ85 04
Complete with power supply Tunable white: 2700K÷5700K					



Mounting accessories	code	colour	Power supply	code	colour	
 <p>Minimal flange</p> <p>for false ceilings between 12.5 mm and 20 mm thick</p>	QJ88	01	 <p>Constant current power supply unit non dimmable IP20 17W</p>	MXF9	00	
	QJ90	01		 <p>Constant current power supply DALI IP20 50W</p> <p>VIN = 220-240VAC 50/60Hz Iout = 350÷1050mA dimensions: 125x80x22</p>	BZM4	00
	QJ92	01				
	QJ93	01				

Palazzo Baldeschi Museum - Perugia, Italy
 Client: Fondazione Cassa Risparmio di Perugia
 Architectural and Lighting Project: Arch. Carlo Salucci
 Photo: Luca Petrucci



Small white informational label for the first painting.



Small white informational label for the second painting.



Small white informational label for the third painting.



Small white informational label for the fourth painting.

Laser Blade XS

Wall Washer

Awards
Lighting Design Awards 2017
ADI Design Index 2017



28x64



28x100



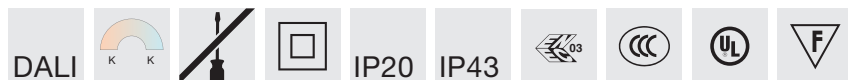
28x190



28x279



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- Flush-mount installation on false ceilings of thickness 12.5 – 15 – 20 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Main body with radiant surface made of die-cast aluminium.

- Optical system (patented) with asymmetrical micro-prismatic screen, specially designed to achieve effective wall washer distribution on the wall.
- Tunable White versions available (2700K ÷ 5700K).
- Installation without tools.

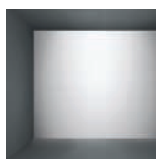
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP43 on the visible body of the mount after installation.



Compact dimensions

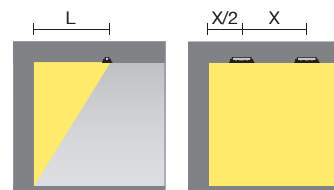
Optics

The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.



Correct installation

Correct installation distances to achieve uniform lighting of the walls.



Version (mm)	L (m)	X (m)	X/2 (m)
64x28 / 54x22	0,7	0,5	0,25
100x28 / 86x22	0,8	0,7	0,35
190x28 / 179x22	1,0	1,0	0,5
279x28 / 268x22	1,0	1,0	0,5



04
BLACK

47
WHITE/BLACK

43
BLACK/BLACK

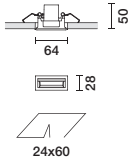
74*
GREY/BLACK

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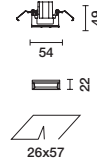
* available on request



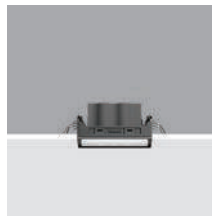
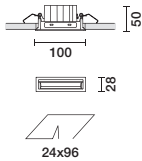
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 90						
5,9W	580	5,9W	191	WW	Q584	43-47
3000K - CRI 90						
5,9W	530	5,9W	175	WW	Q585	43-47
2700K - CRI 90						
5,9W	500	5,9W	165	WW	Q586	43-47
Class of Insulation III						
Power supply to be ordered separately						



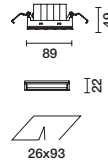
source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 90						
5,9W	580	5,9W	191	WW	QJ50	04
3000K - CRI 90						
5,9W	530	5,9W	175	WW	QJ51	04
2700K - CRI 90						
5,9W	500	5,9W	165	WW	QJ52	04
Class of Insulation III						
Power supply to be ordered separately						



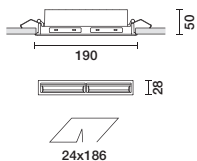
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 90						
9,9W	960	12,7W	365	WW	Q587	43-47
3000K - CRI 90						
9,9W	860	12,7W	327	WW	Q588	43-47
2700K - CRI 90						
9,9W	810	12,7W	308	WW	Q589	43-47
4000K - CRI 90 - DALI						
9,9W	960	12,4W	365	WW	Q590	43-47
3000K - CRI 90 - DALI						
9,9W	860	12,4W	327	WW	Q591	43-47
2700K - CRI 90 - DALI						
9,9W	810	12,4W	308	WW	Q592	43-47
Tunable White - CRI 90 - DALI						
8,6W	810	12,8W	308	WW	Q800	43-47
Complete with power supply						
Tuneable white: 2700K÷5700K						



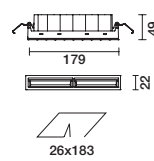
source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 90						
9,9W	960	12,7W	365	WW	QJ53	04
3000K - CRI 90						
9,9W	860	12,7W	327	WW	QJ54	04
2700K - CRI 90						
9,9W	810	12,7W	308	WW	QJ55	04
4000K - CRI 90 - DALI						
9,9W	960	12,4W	365	WW	QJ56	04
3000K - CRI 90 - DALI						
9,9W	860	12,4W	327	WW	QJ57	04
2700K - CRI 90 - DALI						
9,9W	810	12,4W	308	WW	QJ58	04
Tunable White - CRI 90 - DALI						
8,6W	810	12,8W	308	WW	QJ59	04
Complete with power supply						
Tuneable white: 2700K÷5700K						



source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 90 - DALI						
17W	1700	19,2W	646	WW	Q593	43-47
3000K - CRI 90 - DALI						
17W	1550	19,2W	589	WW	Q594	43-47
2700K - CRI 90 - DALI						
17W	1450	19,2W	551	WW	Q595	43-47
Tunable White - CRI 90 - DALI						
15W	1450	18,9W	551	WW	Q801	43-47
Complete with power supply						
Tuneable white: 2700K÷5700K						



source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 90 - DALI						
17W	1700	19,2W	646	WW	QJ60	04
3000K - CRI 90 - DALI						
17W	1550	19,2W	589	WW	QJ61	04
2700K - CRI 90 - DALI						
17W	1450	19,2W	551	WW	QJ62	04
Tunable White - CRI 90 - DALI						
15W	1450	18,9W	551	WW	QJ63	04
Complete with power supply						
Tuneable white: 2700K÷5700K						



Tunable white versions are compatible with the iGuzzini range of light management systems presented on page 902. For the system definition, refer to the instructions.

Laser Blade XS

Wall Washer



04
BLACK


47
WHITE/BLACK

43
BLACK/BLACK

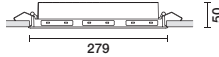
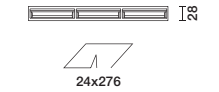

74*
GREY/BLACK

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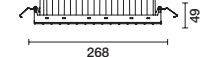
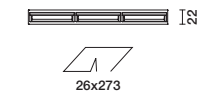
* available on request



source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 90 - DALI						
25W	2500	28,4W	950	WW	Q596	43-47
3000K - CRI 90 - DALI						
25W	2250	28,4W	855	WW	Q597	43-47
2700K - CRI 90 - DALI						
25W	2150	28,4W	817	WW	Q598	43-47
Tunable White - CRI 90 - DALI						
24W	2250	28,4W	855	WW	Q802	43-47
Complete with power supply						
Tunable white: 2700K÷5700K						

source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 90 - DALI						
25W	2500	28,4W	950	WW	QJ64	04
3000K - CRI 90 - DALI						
25W	2250	28,4W	855	WW	QJ65	04
2700K - CRI 90 - DALI						
25W	2150	28,4W	817	WW	QJ66	04
Tunable White - CRI 90 - DALI						
24W	2250	28,4W	855	WW	QJ67	04
Complete with power supply						
Tunable white: 2700K÷5700K						

Mounting accessories	code	colour
Minimal flange		
for false ceilings between 12.5 mm and 20 mm thick	QJ88	01
	QJ90	01
	QJ92	01
	QJ93	01

Power supply	code	colour
Constant current power supply unit non dimmable IP20 17W	MXF9	00
Constant current power supply DALI IP20 50W		
VIN = 220-240VAC 50/60Hz Iout = 350÷1050mA dimensions: 125x80x22	BZM4	00

Norsk Maritimt Museum - Oslo, Norway
Lighting project: ÁF Lighting
Photo: Tomasz Majewski



TENY De er på en plads der 70% er dækket af vand. Det har lidt værd af guld i det sorte. På bordet ligger kaffe og et glas vand.

Da skal man **ikke** tænke på at gå. For en vil ikke tænke på at gå. Det er en oplevelse at gå. Det er en oplevelse at gå. Det er en oplevelse at gå.

Hva betyde tilpasningen på et døgn? Ingen var her som tilpasning? Dette er en **oplevelse**, en oplevelse.

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Laser Blade XS

General Lighting Pro

Award
Lighting Design Awards 2017
ADI Design Index 2017



28x100



28x190



28x279



65x65



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DALI



IP20

IP43



- Flush-mount installation on false ceilings with 1 to 25 mm thickness
- Fixing system with steel wire springs not requiring tools
- Versions with perimeter flap (Frame)
- Main body with radiant surface made of die-cast aluminium
- High definition metallic-finish thermoplastic optics combined with a special diffuser filter to optimise light emission by significantly reducing direct glare
- White finish
- The minimum installation space dimensions are listed in the on-line instruction catalogue
- IP20
- IP43 on the visible body of the mount after installation.



Compact dimensions

Optics



GL



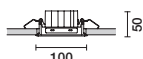
01
WHITE

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source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 90						
9,9W	990	12,4W	683	GL	Q944	01
3000K - CRI 90						
9,9W	890	12,4W	614	GL	Q945	01
2700K - CRI 90						
9,9W	840	12,4W	580	GL	Q946	01
4000K - CRI 90 - DALI						
9,9W	990	12,4W	683	GL	Q947	01
3000K - CRI 90 - DALI						
9,9W	890	12,4W	614	GL	Q948	01
2700K - CRI 90 - DALI						
9,9W	840	12,4W	580	GL	Q949	01

Complete with power supply

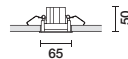


24x96



source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 90 - DALI						
15W	1550	17,8W	1070	GL	Q950	01
3000K - CRI 90 - DALI						
15W	1400	17,8W	966	GL	Q951	01
2700K - CRI 90 - DALI						
15W	1300	17,8W	897	GL	Q952	01

Complete with power supply

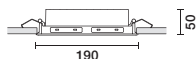


60x60



source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 90 - DALI						
20W	1900	23,1W	1311	GL	Q953	01
3000K - CRI 90 - DALI						
20W	1750	23,1W	1208	GL	Q954	01
2700K - CRI 90 - DALI						
20W	1650	23,1W	1139	GL	Q955	01

Complete with power supply

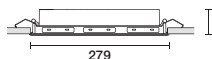


24x186



source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 90 - DALI						
30W	2850	33,8W	1967	GL	Q956	01
3000K - CRI 90 - DALI						
30W	2550	33,8W	1760	GL	Q957	01
2700K - CRI 90 - DALI						
30W	2450	33,8W	1691	GL	Q958	01

Complete with power supply



24x276



Evolution Tower – Moscow, Russia

Client: Transneft
Architectural Project: RMJM, Tony Kettle, Karen Forbes, Philipp Nikandrov
Lighting project: Skira Architectural Lighting
General contractor: Velesstroy
Interior architects: IQ Elforma
Photo: Ivan Smelov

Laser Blade

High Contrast

Awards

IF 2013 / Red Dot 2013 / Lux Award 2012 /
German Design Awards 2015 / DARC Awards /
Best Architectural Lighting product interior 2015



44x44



44x73



44x148



44x281



44x413



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- Flush-mount installation on false ceilings of thickness 12.5 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Main body with radiant surface made of die-cast aluminium.
- High-definition optics made of metallised thermoplastic material, integrated in the innovative black

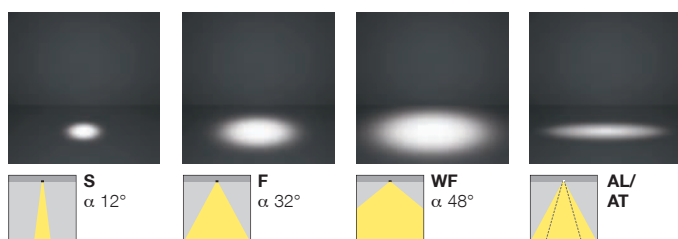
antiglare screen that defines emission with luminance control UGR<10.

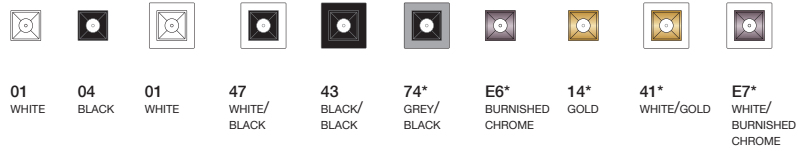
- Tunable White versions available (2700K ÷ 5700K).
- The special configuration of the optical system delivers a precise circular distribution without punctiform effect.
- High visual comfort.
- Installation without tools.

- The minimum installation space dimensions are listed in the online instruction catalogue.

- IP20
- IP23 on the visible body of the mount after installation.

Optics





* available on request

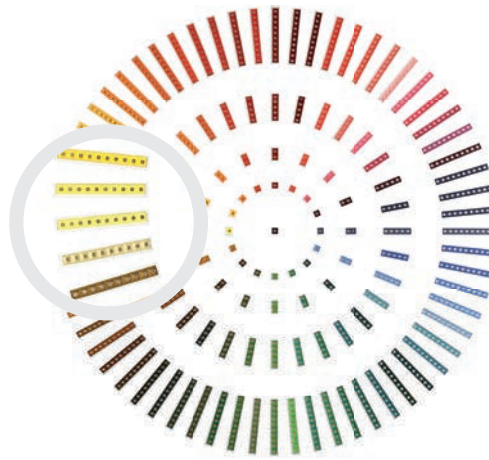
Laser Blade Palette

Laser Blade Palette is a Laser Blade High Contrast and retains its performance and lighting features. The light does not change, while the style adapts to the setting in relation to the designer's creativity. More than 2000 colours to select from in the RAL, Classic and Design scales.

Available as Frame version colour 74 and colour 01 and Minimal.

iguzzini.com/laser-blade-palette

The minimum order required is 100 pcs.
Estimated delivery time: one month more compared to the corresponding standard version.



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source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 95						
2,1W	200	2,1W	166	32°	MK45	01-43-47
3000K - CRI 90						
2W	200	2,1W	166	32°	MK46	01-43-47
3000K - CRI 95						
2,1W	190	2,1W	158	32°	MQ75	01-43-47
2700K - CRI 95						
2,1W	170	2,1W	141	32°	MM75	01-43-47
Class of Insulation III Power supply to be ordered separately						

source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 95						
2,1W	200	2,1W	166	32°	QK89	01-04
3000K - CRI 95						
2,1W	190	2,1W	158	32°	QK90	01-04
2700K - CRI 95						
2,1W	170	2,1W	141	32°	QK91	01-04
Class of Insulation III Power supply to be ordered separately						

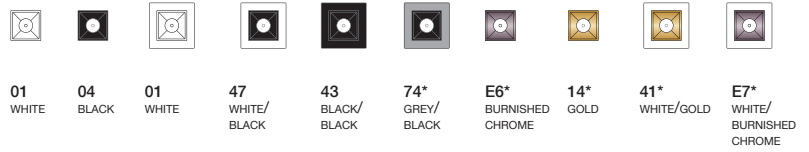
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 95						
4,2W	400	4,2W	332	32°	MK47	01-43-47
3000K - CRI 90						
4,1W	400	4,2W	332	32°	MK48	01-43-47
3000K - CRI 95						
4,2W	370	4,2W	307	32°	MQ76	01-43-47
2700K - CRI 95						
4,2W	340	4,2W	282	32°	MM76	01-43-47
Class of Insulation III Power supply to be ordered separately						

source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 95						
4,2W	400	4,2W	332	32°	QK92	01-04
3000K - CRI 95						
4,2W	370	4,2W	307	32°	QK93	01-04
2700K - CRI 95						
4,2W	340	4,2W	282	32°	QK94	01-04
Class of Insulation III Power supply to be ordered separately						

Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

Laser Blade High Contrast

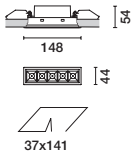


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new
TW Versions available
AL / AT optics available. Contact iGuzzini

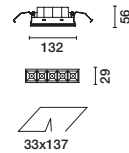
new

source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 95					
10W	1000	12W	829	48°	MK49 01-43-47
• 10W	1000	-	-	AL	QW70 01-43-47
• 10W	1000	-	-	AT	QW79 01-43-47
3000K - CRI 90					
10W	1000	12W	799	32°	MK50 01-43-47
10W	1000	12W	829	48°	MK51 01-43-47
4000K - CRI 85 - DALI					
• 21W	2000	-	-	AL	QW76 01-43-47
• 21W	2000	-	-	AT	QW85 01-43-47
4000K - CRI 95 - DALI					
10W	1000	13W	829	48°	MQ77 01-43-47
• 10W	1000	-	-	AL	QW73 01-43-47
• 10W	1000	-	-	AT	QW82 01-43-47
3000K - CRI 85 - DALI					
• 21W	2000	-	-	AL	QW77 01-43-47
• 21W	2000	-	-	AT	QW86 01-43-47
3000K - CRI 90 - DALI					
10W	1000	13W	790	12°	P129 01-43-47
10W	1000	13W	799	32°	MQ78 01-43-47
10W	1000	13W	829	48°	MQ79 01-43-47
3000K - CRI 95 - DALI					
10W	930	13W	735	12°	P130 01-43-47
10W	930	13W	743	32°	MQ80 01-43-47
10W	930	13W	771	48°	MQ81 01-43-47
• 10W	1000	-	-	AL	QW74 01-43-47
• 10W	1000	-	-	AT	QW83 01-43-47
2700K - CRI 85 - DALI					
• 21W	2000	-	-	AL	QW78 01-43-47
• 21W	2000	-	-	AT	QW87 01-43-47
2700K - CRI 95 - DALI					
10W	850	13W	672	12°	P131 01-43-47
10W	850	13W	679	32°	MM77 01-43-47
10W	850	13W	705	48°	MM78 01-43-47
• 10W	1000	-	-	AL	QW75 01-43-47
• 10W	1000	-	-	AT	QW84 01-43-47
3000K - CRI 95 - On/off					
• -	-	-	-	AL	QW71 01-43-47
• -	-	-	-	AT	QW80 01-43-47
2700K - CRI 95 - On/off					
• 10W	1000	-	-	AL	QW72 01-43-47
• 10W	1000	-	-	AT	QW81 01-43-47
Tunable White - CRI 80					
• 9,4W	1450	11,8W	1015	42°	QY44 01-43-47
Tunable White - CRI 90					
• 9,4W	1150	11,8W	805	42°	QV69 01-43-47
Complete with power supply Tuneable white: 2700K÷5700K					

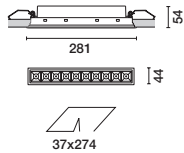
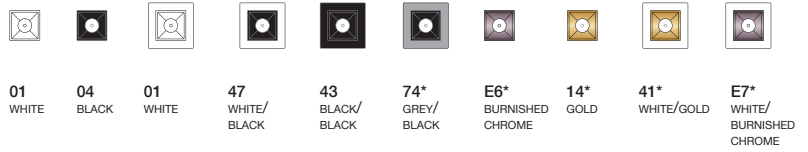


new

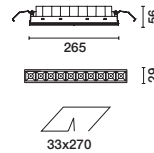
source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 95					
10W	1000	12W	829	48°	QK95 01-04
3000K - CRI 90					
10W	1000	12W	799	32°	QK96 01-04
10W	1000	12W	829	48°	QK97 01-04
4000K - CRI 95 - DALI					
10W	1000	15W	829	48°	QK98 01-04
3000K - CRI 90 - DALI					
10W	1000	15W	790	12°	QK99 01-04
10W	1000	15W	799	32°	QL00 01-04
10W	1000	15W	829	48°	QL01 01-04
3000K - CRI 95 - DALI					
10W	930	15W	735	12°	QL02 01-04
10W	930	15W	743	32°	QL03 01-04
10W	930	15W	771	48°	QL04 01-04
2700K - CRI 95 - DALI					
10W	850	15W	672	12°	QL05 01-04
10W	850	15W	679	32°	QL06 01-04
10W	850	15W	705	48°	QL07 01-04
Tunable White - CRI 80					
• 9,4W	1450	11,8W	1015	42°	QY47 01-04
Tunable White - CRI 90					
• 9,4W	1150	11,8W	805	42°	QV72 01-04
Complete with power supply Tuneable white: 2700K÷5700K					



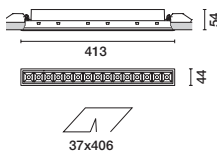
Tunable white versions are compatible with the iGuzzini range of light management systems presented on page 902. For the system definition, refer to the instructions.



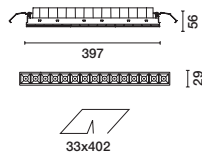
source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 95 - DALI					
21W	2000	24,5W	1659	48°	MK52 01-43-47
3000K - CRI 90 - DALI					
20W	2000	24,5W	1580	12°	P132 01-43-47
20W	2000	24,5W	1597	32°	MK53 01-43-47
20W	2000	24,5W	1659	48°	MK54 01-43-47
3000K - CRI 95 - DALI					
21W	1850	24,5W	1462	12°	P133 01-43-47
21W	1850	24,5W	1478	32°	MQ82 01-43-47
21W	1850	24,5W	1534	48°	MQ83 01-43-47
2700K - CRI 95 - DALI					
21W	1700	24,5W	1343	12°	P134 01-43-47
21W	1700	24,5W	1358	32°	MM79 01-43-47
21W	1700	24,5W	1410	48°	MM80 01-43-47
Tunable White - CRI 80					
• 19W	2900	23,3W	2030	42°	QY45 01-43-47
Tunable White - CRI 90					
• 19W	2250	23,3W	1575	42°	QV70 01-43-47
Complete with power supply Tuneable white: 2700K÷5700K					



source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 95 - DALI					
21W	2000	24,5W	1659	48°	QL10 01-04
3000K - CRI 90 - DALI					
20W	2000	24,5W	1580	12°	QL11 01-04
20W	2000	24,5W	1597	32°	QL12 01-04
20W	2000	24,5W	1659	48°	QL13 01-04
3000K - CRI 95 - DALI					
21W	1850	24,5W	1462	12°	QL14 01-04
21W	1850	24,5W	1478	32°	QL15 01-04
21W	1850	24,5W	1534	48°	QL16 01-04
2700K - CRI 95 - DALI					
21W	1700	24,5W	1343	12°	QL17 01-04
21W	1700	24,5W	1358	32°	QL18 01-04
21W	1700	24,5W	1410	48°	QL19 01-04
Tunable White - CRI 80					
• 19W	2900	23,3W	2030	42°	QY48 01-04
Tunable White - CRI 90					
• 19W	2250	23,3W	1575	42°	QV73 01-04
Complete with power supply Tuneable white: 2700K÷5700K					





source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 95 - DALI					
31W	3050	35W	2529	48°	MK55 01-43-47
3000K - CRI 90 - DALI					
30W	3000	35W	2370	12°	P135 01-43-47
30W	3000	35W	2396	32°	MK56 01-43-47
30W	3000	35W	2488	48°	MK57 01-43-47
3000K - CRI 95 - DALI					
31W	2800	35W	2212	12°	P136 01-43-47
31W	2800	35W	2236	32°	MQ84 01-43-47
31W	2800	35W	2322	48°	MQ85 01-43-47
2700K - CRI 95 - DALI					
31W	2550	35W	2015	12°	P181 01-43-47
31W	2550	35W	2037	32°	MM81 01-43-47
31W	2550	35W	2115	48°	MM82 01-43-47
Tunable White - CRI 80					
• 28W	4350	32,7W	3045	42°	QY46 01-43-47
Tunable White - CRI 90					
• 28W	3400	32,7W	2380	42°	QV71 01-43-47
Complete with power supply Tuneable white: 2700K÷5700K					

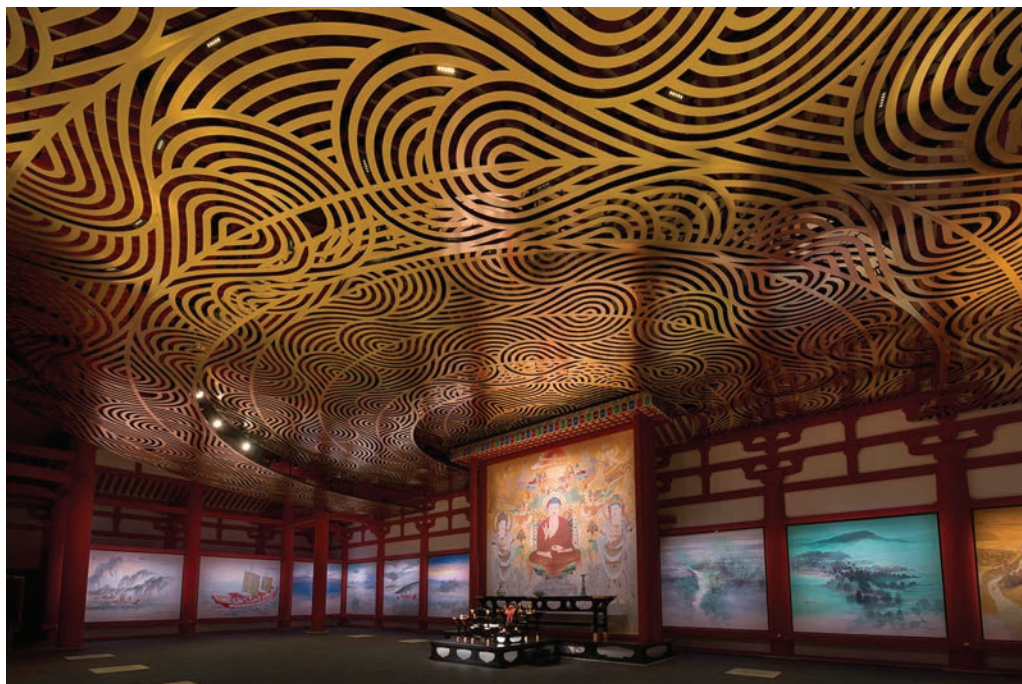


source		system		optic	code colour
W	lm	W	lm		
Minimal version					
LED					
4000K - CRI 95 - DALI					
31W	3050	35W	2529	48°	QL22 01-04
3000K - CRI 90 - DALI					
30W	3000	35W	2370	12°	QL23 01-04
30W	3000	35W	2396	32°	QL24 01-04
30W	3000	35W	2488	48°	QL25 01-04
3000K - CRI 95 - DALI					
31W	2800	35W	2212	12°	QL26 01-04
31W	2800	35W	2236	32°	QL27 01-04
31W	2800	35W	2322	48°	QL28 01-04
2700K - CRI 95 - DALI					
31W	2550	35W	2015	12°	QL29 01-04
31W	2550	35W	2037	32°	QL30 01-04
31W	2550	35W	2115	48°	QL31 01-04
Tunable White - CRI 80					
• 28W	4350	32,7W	3045	42°	QY49 01-04
Tunable White - CRI 90					
• 28W	3400	32,7W	2380	42°	QV74 01-04
Complete with power supply Tuneable white: 2700K÷5700K					

Laser Blade

High Contrast

Mounting accessories	code	colour	Mounting accessories	code	colour	Power supply	code	colour
Minimal flange			for false ceilings sp. 20 mm	PA26 01 PA30 01 PA34 01 for recessed 30x30 mm for recessed 58x29 mm for recessed 132x29 mm version		 Constant current power supply unit non dimmable IP20 17W	MXF9 00	
for false ceilings sp. 12,5 mm	PA24 01 PA28 01 PA32 01 PA36 01 PA40 01	01 for recessed 30x30 mm 01 for recessed 58x29 mm 01 for recessed 132x29 mm version 01 for recessed 265x29 mm 01 for recessed 397x29 mm	for false ceilings sp. 25 mm	PA27 01 PA31 01 PA35 01 PA39 01 PA43 01	01 for recessed 30x30 mm 01 for recessed 58x29 mm 01 for recessed 132x29 mm version 01 for recessed 265x29 mm 01 for recessed 397x29 mm	 Constant current power supply DALI IP20 50W	BZM4 00	VIN = 220-240VAC 50/60Hz Iout = 350±1050mA dimensions: 125x80x22
for false ceilings sp. 15 mm	PA25 01 PA29 01 PA33 01 PA37 01 PA41 01	01 for recessed 30x30 mm 01 for recessed 58x29 mm 01 for recessed 132x29 mm version 01 for recessed 265x29 mm 01 for recessed 397x29 mm						



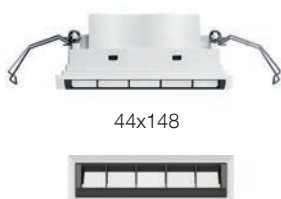
Yakushiji Temple- Nara, Japan
Interior design: Toyo Ito & Associates, Architects
Lighting project: Lightdesign Inc. - Hiroyasu Shoji
Reconstruction project: Japan Cultural Heritage Consultancy
Photo: Toshio Kaneko

Hotel H10 Casa del Mar- Santa Ponsa, Illes Balears, Spain
Architectural Project: Tomeu Ferrà
Photo: Gala Martínez



Laser Blade

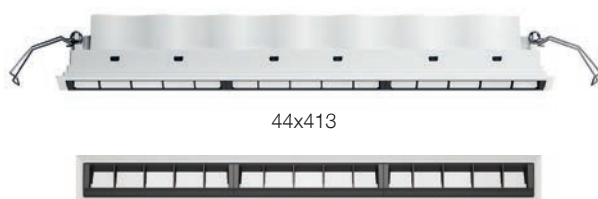
Wall Washer Super Comfort LGC



44x148



44x281



44x413

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- Flush-mount installation on false ceilings of thickness 12.5 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Main body with radiant surface made of die-cast aluminium.
- Optical system (patented) with

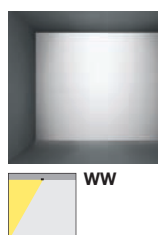
textured rippled screen, specially designed to achieve effective wall washer distribution on the wall.

- Longitudinal Glare Control (LGC) version designed to significantly reduce longitudinal glare effects.
- Tunable White versions available (2700K ÷ 5700K).
- Installation without tools.

- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP43 on the visible body of the mount after installation.

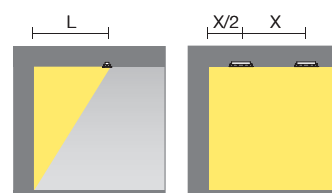
Optics

The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.



Correct installation

Correct installation distances to achieve uniform lighting of the walls.



Version (mm)	L (m)	X (m)	X/2 (m)
148x44 / 132x29	0,8	0,6	0,3
281x44 / 265x29	1	0,75	0,375
413x44 / 397x29	1	0,8	0,4



04
BLACK

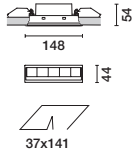
47
WHITE/BLACK

43
BLACK/BLACK

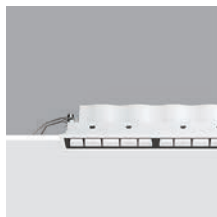
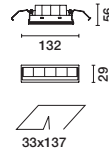
74*
GREY/BLACK



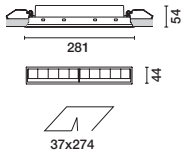
source		system					
W	lm	W	lm	optic	code	colour	
Frame version - Longitudinal Glare Control							
LED							
4000K - CRI 95							
10W	1000	12W	310	WW	QD29	43-47	
3000K - CRI 95							
10W	920	12W	285	WW	QD30	43-47	
2700K - CRI 95							
10W	850	12W	264	WW	QD31	43-47	
4000K - CRI 95 - DALI							
10W	1000	13W	310	WW	QD32	43-47	
3000K - CRI 95 - DALI							
10W	920	13W	285	WW	QD33	43-47	
2700K - CRI 95 - DALI							
10W	850	13W	264	WW	QD34	43-47	
Tunable White							
8,9W	850	16,8W	264	WW	QD35	43-47	
Complete with power supply Tunable white: 2700K÷5700K							



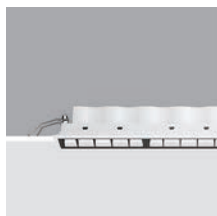
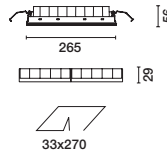
source		system					
W	lm	W	lm	optic	code	colour	
Minimal version - Longitudinal Glare Control							
LED							
4000K - CRI 95							
10W	1000	12W	310	WW	QL49	04	
3000K - CRI 95							
10W	920	12W	285	WW	QL50	04	
2700K - CRI 95							
10W	850	12W	264	WW	QL51	04	
4000K - CRI 95 - DALI							
10W	1000	15W	310	WW	QL52	04	
3000K - CRI 95 - DALI							
10W	920	15W	285	WW	QL53	04	
2700K - CRI 95 - DALI							
10W	850	15W	264	WW	QL54	04	
Tunable White							
8,9W	850	16,8W	264	WW	QL55	04	
Complete with power supply Tunable white: 2700K÷5700K							



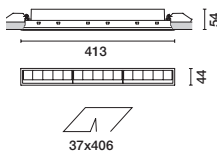
source		system					
W	lm	W	lm	optic	code	colour	
Frame version - Longitudinal Glare Control							
LED							
4000K - CRI 95 - DALI							
21W	2000	24,5W	620	WW	QD36	43-47	
3000K - CRI 95 - DALI							
21W	1850	24,5W	574	WW	QD37	43-47	
2700K - CRI 95 - DALI							
21W	1700	24,5W	527	WW	QD38	43-47	
Tunable White							
18W	1750	26W	543	WW	QD39	43-47	
Complete with power supply Tunable white: 2700K÷5700K							



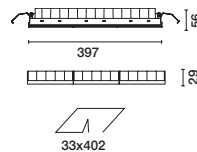
source		system					
W	lm	W	lm	optic	code	colour	
Minimal version - Longitudinal Glare Control							
LED							
4000K - CRI 95 - DALI							
21W	2000	24,5W	620	WW	QL56	04	
3000K - CRI 95 - DALI							
21W	1850	24,5W	574	WW	QL57	04	
2700K - CRI 95 - DALI							
21W	1700	24,5W	527	WW	QL58	04	
Tunable White							
18W	1750	26W	543	WW	QL59	04	
Complete with power supply Tunable white: 2700K÷5700K							



source		system					
W	lm	W	lm	optic	code	colour	
Frame version - Longitudinal Glare Control							
LED							
4000K - CRI 95 - DALI							
31W	3050	35W	946	WW	QD40	43-47	
3000K - CRI 95 - DALI							
31W	2750	35W	853	WW	QD41	43-47	
2700K - CRI 95 - DALI							
31W	2550	35W	791	WW	QD42	43-47	
Tunable White							
27W	2550	30,8W	791	WW	QD43	43-47	
Complete with power supply Tunable white: 2700K÷5700K							



source		system					
W	lm	W	lm	optic	code	colour	
Minimal version - Longitudinal Glare Control							
LED							
4000K - CRI 95 - DALI							
31W	3050	35W	946	WW	QL60	04	
3000K - CRI 95 - DALI							
31W	2750	35W	853	WW	QL61	04	
2700K - CRI 95 - DALI							
31W	2550	35W	791	WW	QL62	04	
Tunable White							
27W	2550	30,8W	791	WW	QL63	04	
Complete with power supply Tunable white: 2700K÷5700K							



Tunable white versions are compatible with the iGuzzini range of light management systems presented on page 902. For the system definition, refer to the instructions.

Laser Blade

Wall Washer Super Comfort LGC

Mounting accessories	code	colour
Minimal flange		
for false ceilings sp. 12,5 mm	PA32 01 for recessed 132x29 mm version PA36 01 for recessed 265x29 mm PA40 01 for recessed 397x29 mm	
for false ceilings sp. 15 mm	PA33 01 for recessed 132x29 mm version PA37 01 for recessed 265x29 mm PA41 01 for recessed 397x29 mm	
for false ceilings sp. 20 mm	PA34 01 for recessed 132x29 mm version PA38 01 for recessed 265x29 mm PA42 01 for recessed 397x29 mm	
for false ceilings sp. 25 mm	PA35 01 for recessed 132x29 mm version PA39 01 for recessed 265x29 mm PA43 01 for recessed 397x29 mm	



Bull Fighting Art Centre - Malaga, Spain
Architectural Project: Jose Antonio Gonzalez Vargas
Photo: Gala Martinez

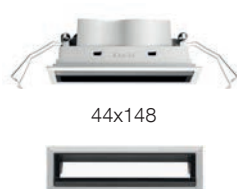
Head Offices - Big Green Egg - De Lier, Paesi Bassi

Client: Big Green Egg Europe
Architectural Project: Paul de Vroom Architecten + Sputnik Architects
Lighting project: Beersnielsen Lichtontwerpers
Photo: Ossip van Duivenbode



Laser Blade

Wall Washer



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- Flush-mount installation on false ceilings of thickness 12.5 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Main body with radiant surface made of die-cast aluminium.

- Optical system (patented) with textured rippled screen, specially designed to achieve effective wall washer distribution on the wall.
- Tunable White versions available (2700K ÷ 5700K).
- Installation without tools.

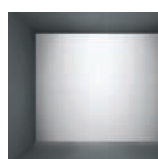
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP43 on the visible body of the mount after installation.



Antiglare screen
(only for Frame versions)

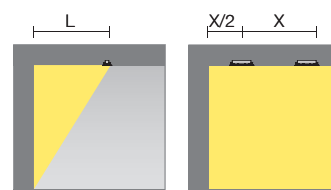
Optics

The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.



Correct installation

Correct installation distances to achieve uniform lighting of the walls.



Version (mm)	L (m)	X (m)	X/2 (m)
148x44 / 132x29	0,8	0,8	0,4
281x44 / 265x29	1,0	1,0	0,5
413x44 / 397x29	1,0	1,0	0,5



04
BLACK

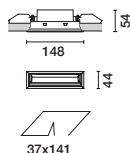
43
BLACK/BLACK

47
WHITE/BLACK

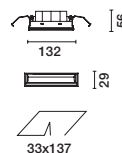
74*
GREY/BLACK



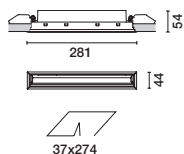
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W	lm	W	lm			
Frame version						
LED						
4000K - CRI 95						
10W	1000	12W	390	WW	MQ67	43-47
3000K - CRI 95						
9,8W	930	12W	363	WW	MQ68	43-47
2700K - CRI 95						
10W	850	12W	331	WW	P146	43-47
4000K - CRI 95 - DALI						
10W	1000	13W	390	WW	MQ69	43-47
3000K - CRI 95 - DALI						
9,8W	930	13W	363	WW	MQ70	43-47
2700K - CRI 95 - DALI						
10W	850	13W	331	WW	P147	43-47
Tunable White						
8,9W	850	16,8W	332	WW	P194	43-47
Complete with power supply Tuneable white: 2700K÷5700K						



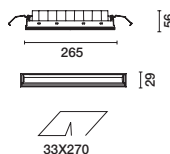
source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 95						
10W	1000	12W	390	WW	QL34	04
3000K - CRI 95						
9,8W	930	12W	363	WW	QL35	04
2700K - CRI 95						
10W	850	12W	331	WW	QL36	04
4000K - CRI 95 - DALI						
10W	1000	15W	390	WW	QL37	04
3000K - CRI 95 - DALI						
9,8W	930	15W	363	WW	QL38	04
2700K - CRI 95 - DALI						
10W	850	15W	331	WW	QL39	04
Tunable White						
8,9W	850	16,8W	332	WW	QL40	04
Complete with power supply Tuneable white: 2700K÷5700K						



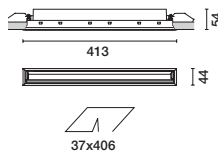
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 95 - DALI						
21W	2000	24,5W	780	WW	MQ71	43-47
3000K - CRI 95 - DALI						
20W	1850	24,5W	721	WW	MQ72	43-47
2700K - CRI 95 - DALI						
21W	1700	24,5W	663	WW	P148	43-47
Tunable White						
18W	1750	26W	683	WW	P195	43-47
Complete with DALI power supply Tuneable white: 2700K÷5700K						



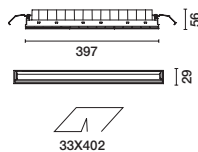
source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 95 - DALI						
21W	2000	24,5W	780	WW	QL41	04
3000K - CRI 95 - DALI						
20W	1850	24,5W	721	WW	QL42	04
2700K - CRI 95 - DALI						
21W	1700	24,5W	663	WW	QL43	04
Tunable White						
18W	1750	26W	683	WW	QL44	04
Complete with DALI power supply Tuneable white: 2700K÷5700K						



source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 95 - DALI						
31W	3050	35W	1189	WW	MQ73	43-47
3000K - CRI 95 - DALI						
29W	2800	35W	1092	WW	MQ74	43-47
2700K - CRI 95 - DALI						
31W	2550	35W	994	WW	P149	43-47
Tunable White						
27W	2550	30,8W	995	WW	P196	43-47
Complete with DALI power supply Tuneable white: 2700K÷5700K						





source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 95 - DALI						
31W	3050	35W	1189	WW	QL45	04
3000K - CRI 95 - DALI						
29W	2800	35W	1092	WW	QL46	04
2700K - CRI 95 - DALI						
31W	2550	35W	994	WW	QL47	04
Tunable White						
27W	2550	30,8W	995	WW	QL48	04
Complete with DALI power supply Tuneable white: 2700K÷5700K						



Tunable white versions are compatible with the iGuzzini range of light management systems presented on page 902. For the system definition, refer to the instructions.

Laser Blade

Wall Washer

Optical accessories		code		colour		Mounting accessories		code		colour		
	Anti-glare screen	MXP7	04	For L=148			Minimal flange					
		MXP8	04	For L=281 mm								
		MXP9	04	For L=413 mm								
							for false ceilings sp. 12,5 mm	PA32	01	for recessed 132x29 mm version		
								PA36	01	for recessed 265x29 mm		
								PA40	01	for recessed 397x29 mm		
							for false ceilings sp. 15 mm	PA33	01	for recessed 132x29 mm version		
								PA37	01	for recessed 265x29 mm		
								PA41	01	for recessed 397x29 mm		
							for false ceilings sp. 20 mm	PA34	01	for recessed 132x29 mm version		
								PA38	01	for recessed 265x29 mm		
								PA42	01	for recessed 397x29 mm		
							for false ceilings sp. 25 mm	PA35	01	for recessed 132x29 mm version		
								PA39	01	for recessed 265x29 mm		
								PA43	01	for recessed 397x29 mm		



Finansbank- Istanbul, Turkey
 Architectural Project: PEI Cobb Freed & Partner
 Lighting project: JB&B – Lighting design
 Photo: Studio Majo, Mr Engin Gerçek, courtesy of Tepta

Link Group - Sydney, Australia
 Architectural project: Group GSA
 Lighting project: Norman Disney & Young
 Photo: Marcus Clinton Photography



Laser Blade

General Lighting Pro



44x148



44x281



44x413



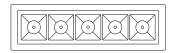
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- Flush-mount installation on false ceilings with 1 to 25 mm thickness
- Fixing system with steel wire springs not requiring tools
- Versions with perimeter flap (Frame)
- Main body with radiant surface made of die-cast aluminium
- High definition metallic-finish thermoplastic optics combined with a special diffuser filter to optimise light emission by significantly reducing direct glare
- White finish
- The minimum installation space dimensions are listed in the on-line instruction catalogue
- IP20
- P43 on the visible body of the downlight after installation.

Optics



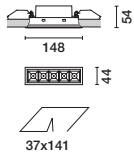


01
WHITE



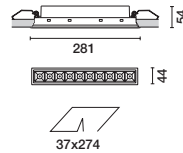
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W	lm	W	lm			
Frame version - Comfort optic						
LED						
4000K - CRI 95						
10W	1000	12W	720	GL	Q932	01
3000K - CRI 90						
10W	1000	12W	720	GL	Q933	01
2700K - CRI 95						
10W	860	12W	619	GL	Q934	01
4000K - CRI 95 - DALI						
10W	1000	13W	720	GL	Q935	01
3000K - CRI 90 - DALI						
10W	1000	13W	720	GL	Q936	01
2700K - CRI 95 - DALI						
10W	860	13W	619	GL	Q937	01

Complete with power supply



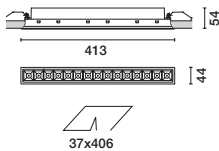
source		system		optic	code	colour
W	lm	W	lm			
Frame version - Comfort optic						
LED						
4000K - CRI 95 - DALI						
21W	2000	24,5W	1440	GL	Q938	01
3000K - CRI 90 - DALI						
20W	2000	24,5W	1440	GL	Q939	01
2700K - CRI 95 - DALI						
21W	1700	24,5W	1224	GL	Q940	01

Complete with DALI power supply



source		system		optic	code	colour
W	lm	W	lm			
Frame version - Comfort optic						
LED						
4000K - CRI 95 - DALI						
31W	3050	35W	2196	GL	Q941	01
3000K - CRI 90 - DALI						
30W	3050	35W	2196	GL	Q942	01
2700K - CRI 95 - DALI						
31W	2550	35W	1836	GL	Q943	01

Complete with DALI power supply



CRI Research Center Interdisciplinary - Paris, France
Architectural project: Patrick Mauger & Eddy Vahanian
Photo: Didier Boy De La Tour

Laser Blade

General Lighting



44x148



44x281



44x413



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- Flush-mount installation on false ceilings, 1 - 25 mm thickness using a mounting system with steel springs
- Main body with radiant surface made of die-cast aluminium.
- Versions with perimeter flap (Frame).
- Optical system with specialist micro-prismatic screen for diffused light distribution.
- Installation without tools.
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP43 on the visible body of the mount after installation.

Optics





47
WHITE/BLACK



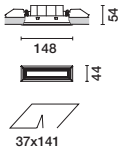
43
BLACK/BLACK



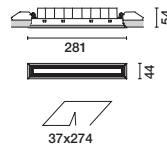
74*
GREY/BLACK



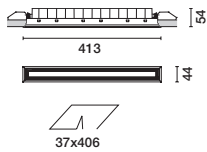
source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 95					
10W	1000	12W	570	GL	MQ55 43-47
3000K - CRI 90					
10W	1000	12W	570	GL	MQ57 43-47
4000K - CRI 95 - DALI					
10W	1000	13W	570	GL	MQ58 43-47
3000K - CRI 90 - DALI					
10W	1000	13W	570	GL	MQ60 43-47
Complete with power supply					



source		system		optic	code colour
W	lm	W	lm		
Frame version - Opti Comfort					
LED					
4000K - CRI 95 - DALI					
21W	2000	24,5W	1140	GL	MQ61 43-47
3000K - CRI 90 - DALI					
20W	2000	24,5W	1140	GL	MQ63 43-47
Complete with DALI power supply					



source		system		optic	code colour
W	lm	W	lm		
Frame version					
LED					
4000K - CRI 95 - DALI					
31W	3050	35W	1739	GL	MQ64 43-47
3000K - CRI 90 - DALI					
30W	3000	35W	1711	GL	MQ66 43-47
Complete with DALI power supply					



RD Group Office – Moscow, Russia
Architectural Project: IND Architects
Lighting project: VIART
Photo: Aleksey Zadorov

Laser Blade

Adjustable



87x302



142x302



87x435



142x435



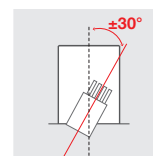
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thelightexperience.iguzzini.com



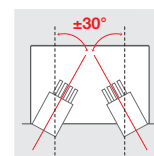
- Flush-mount installation on false ceilings with 1 to 25 mm thickness. Mounting system with mechanical lock.
- Main body with radiant surface made of die-cast aluminium, with possibility of +/- 30° swivel orientation.
- Versions with perimeter flap (Frame) technical body in steel.

- High-definition optics made of metallised thermoplastic material, integrated in the innovative black antiglare screen that defines emission with luminance control UGR<10.
- The special configuration of the optical system delivers a precise circular distribution without punctiform effect.

- High visual comfort.
- The minimum installation space dimensions are listed in the online instruction catalogue.



Swivel orientation
± 30°



Independent swivelling
operation of
bodies ± 30°



47
WHITE/BLACK



43
BLACK/BLACK



74*
GREY/BLACK

* available on request

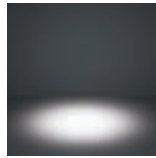
Optics



S
 α 12°

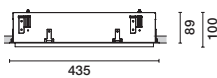


F
 α 32°



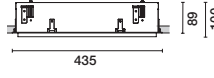
WF
 α 48°

iguzzini.com code finder / download design files / save and organize favorites



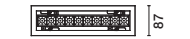
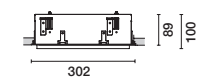
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 95 - DALI						
31W	3000	35W	2488	48°	MQ27	43-47
3000K - CRI 90 - DALI						
30W	2900	35W	2291	12°	MU77	43-47
30W	2900	35W	2316	32°	MQ28	43-47
30W	2900	35W	2405	48°	MQ29	43-47
3000K - CRI 95 - DALI						
31W	2750	35W	2173	12°	MU78	43-47
31W	2750	35W	2196	32°	MQ30	43-47
31W	2750	35W	2281	48°	MQ31	43-47

Complete with DALI power supply



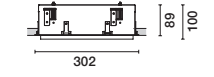
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 95 - DALI						
30W	5900	70W	4893	48°	MQ37	43-47
3000K - CRI 90 - DALI						
30W	5800	70W	4582	12°	MU81	43-47
30W	5800	70W	4633	32°	MQ38	43-47
30W	5800	70W	4810	48°	MQ39	43-47
3000K - CRI 95 - DALI						
62W	5400	70W	4266	12°	MU82	43-47
62W	5400	70W	4313	32°	MQ40	43-47
62W	5400	70W	4478	48°	MQ41	43-47

Complete with DALI power supply



source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 95 - DALI						
21W	2000	24,5W	1659	48°	MQ22	43-47
3000K - CRI 90 - DALI						
20W	1950	24,5W	1541	12°	MU75	43-47
20W	1950	24,5W	1558	32°	MQ23	43-47
20W	1950	24,5W	1617	48°	MQ24	43-47
3000K - CRI 95 - DALI						
21W	1850	24,5W	1462	12°	MU76	43-47
21W	1850	24,5W	1478	32°	MQ25	43-47
21W	1850	24,5W	1534	48°	MQ26	43-47

Complete with DALI power supply



source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 95 - DALI						
42W	4000	46,5W	3317	48°	MQ32	43-47
3000K - CRI 90 - DALI						
40W	3900	46,5W	3081	12°	MU79	43-47
40W	3900	46,5W	3115	32°	MQ33	43-47
40W	3900	46,5W	3234	48°	MQ34	43-47
3000K - CRI 95 - DALI						
42W	3700	46,5W	2923	12°	MU80	43-47
42W	3700	46,5W	2955	32°	MQ35	43-47
42W	3700	46,5W	3068	48°	MQ36	43-47

Complete with DALI power supply

Laser Blade L

High Contrast



86x86



86x155



86x224



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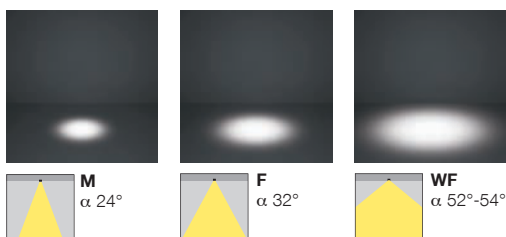


- Flush-mount installation on false ceilings of thickness 12.5 to 25 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Main body with radiant surface made of die-cast aluminium.

- High-definition optics made of metallised thermoplastic material, integrated in the innovative black antiglare screen that defines emission with luminance control UGR<10.
- High visual comfort.
- Installation without tools.

- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP44 on the visible body of the mount after installation.

Optics



Mounting accessories

code	colour
Minimal flange	
QK49 01	for recessed 69x69 mm
QK50 01	for recessed 138x69 mm
QK51 01	for recessed 207x69 mm



01
WHITE



04
BLACK



01
WHITE



47
WHITE/BLACK



43
BLACK/BLACK

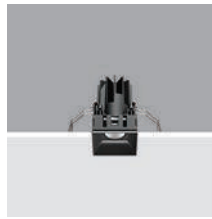
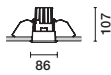


74*
GREY/BLACK



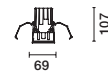
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 80						
6,6W	1050	9W	798	52°	N153	01-43-47
3000K - CRI 80						
6,6W	1050	9W	798	52°	N154	01-43-47
3000K - CRI 90						
8,4W	1100	10,9W	726	24°	P948	01-43-47
8,4W	1100	10,9W	813	32°	N155	01-43-47
8,4W	1100	10,9W	836	52°	N156	01-43-47
4000K - CRI 80 - DALI						
6,6W	1050	8,7W	798	52°	N159	01-43-47
3000K - CRI 80 - DALI						
6,6W	1050	8,7W	798	52°	N160	01-43-47
3000K - CRI 90 - DALI						
8,3W	1100	10,6W	726	24°	P950	01-43-47
8,3W	1100	10,6W	813	32°	N161	01-43-47
8,3W	1100	10,6W	836	52°	N162	01-43-47
Warm Dimming - CRI 90 - DALI						
8,7W	650	10,7W	488	34°	QE03	01-43-47
8,7W	650	10,7W	533	54° / 50°	QE04	01-43-47

Complete with power supply
2700K versions on request



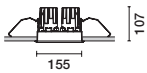
source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 80						
6,6W	1050	9W	860	54°	QJ94	01-04
3000K - CRI 90						
8,4W	1100	10,9W	781	24°	QJ95	01-04
8,4W	1100	10,9W	868	30°	QJ96	01-04
8,4W	1100	10,9W	901	54°	QJ97	01-04
4000K - CRI 80 - DALI						
6,6W	1050	8,7W	860	54°	QK01	01-04
3000K - CRI 90 - DALI						
8,3W	1100	10,6W	781	24°	QK02	01-04
8,3W	1100	10,6W	868	30°	QK03	01-04
8,3W	1100	10,6W	901	54°	QK04	01-04
Warm Dimming - CRI 90 - DALI						
8,4W	590	10,7W	478	34°	QK08	01-04
8,4W	590	10,7W	519	54° / 52°	QK09	01-04

Complete with power supply
2700K versions on request



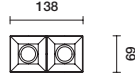
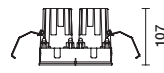
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 80 - DALI						
17W	2500	21,1W	1900	52°	N165	01-43-47
3000K - CRI 80 - DALI						
17W	2450	21,1W	1862	52°	N166	01-43-47
3000K - CRI 90 - DALI						
17W	2100	21,1W	1596	52°	N167	01-43-47

Complete with DALI power supply
2700K versions on request



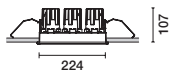
source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 80 - DALI						
17W	2500	21,1W	2048	54°	QK10	01-04
3000K - CRI 90 - DALI						
17W	2100	21,1W	1721	54°	QK11	01-04

Complete with DALI power supply
2700K versions on request



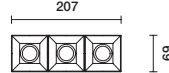
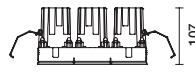
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 80 - DALI						
25W	3750	28,8W	2849	52°	N169	01-43-47
3000K - CRI 80 - DALI						
25W	3650	28,8W	2773	52°	N170	01-43-47
3000K - CRI 90 - DALI						
25W	3100	28,8W	2355	52°	N171	01-43-47

Complete with DALI power supply
2700K versions on request



source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 80 - DALI						
25W	3750	28,8W	3072	54°	QK13	01-04
3000K - CRI 90 - DALI						
25W	3100	28,8W	2540	54°	QK14	01-04

Complete with DALI power supply
2700K versions on request



Laser Blade L

Wall Washer



86x86



86x155



86x224



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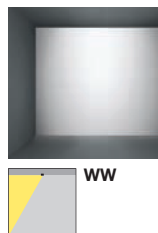


- Flush-mount installation on false ceilings of thickness 12.5 to 25 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Main body with radiant surface made of die-cast aluminium.
- High-Definition optical system

- designed to achieve effective wall washer distribution on the wall.
- Installation without tools.
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP44 on the visible body of the mount after installation.

Optics

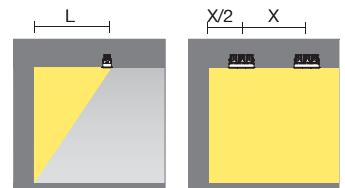
The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.



WW

Correct installation

Correct installation distances to achieve uniform lighting of the walls. For installation criteria, refer to the instruction sheet.



Version (mm)	L (m)	X (m)	X/2 (m)
86x86 / 69x69	0,9	1	0,5
155x86 / 153x69	0,8	0,9	0,5
224x86 / 207x69	0,9	1,0	0,5



01
WHITE



04
BLACK



01
WHITE



47
WHITE/BLACK



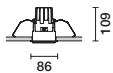
43
BLACK/BLACK



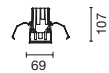
74*
GREY/BLACK



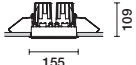
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 80						
6,6W	1050	9W	598	WW	P956	01-43-47
3000K - CRI 90						
8,3W	1050	10,8W	598	WW	P957	01-43-47
4000K - CRI 80 - DALI						
6,6W	1050	8,7W	598	WW	P959	01-43-47
3000K - CRI 90 - DALI						
8,3W	1050	10,6W	598	WW	P960	01-43-47
Warm Dimming - CRI 90 - DALI						
8,4W	590	10,7W	336	WW	QE11	01-43-47
Complete with power supply 2700K versions on request						



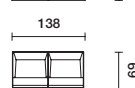
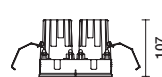
source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 80						
6,5W	1050	8,8W	598	WW	QK16	01-04
3000K - CRI 90						
8,2W	1050	10,7W	598	WW	QK17	01-04
4000K - CRI 80 - DALI						
6,5W	1050	8,6W	598	WW	QK19	01-04
3000K - CRI 90 - DALI						
8,2W	1050	10,5W	598	WW	QK20	01-04
Warm Dimming - CRI 90 - DALI						
8,4W	590	10,7W	336	WW	QK22	01-04
Complete with power supply 2700K versions on request						



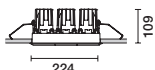
source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 80 - DALI						
16W	2450	19,9W	1298	WW	P962	01-43-47
3000K - CRI 90 - DALI						
16W	2050	19,9W	1086	WW	P963	01-43-47
Complete with DALI power supply 2700K versions on request						



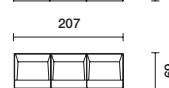
source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 80 - DALI						
16W	2450	19,9W	1298	WW	QK23	01-04
3000K - CRI 90 - DALI						
16W	2050	19,9W	1086	WW	QK24	01-04
Complete with DALI power supply 2700K versions on request						



source		system		optic	code	colour
W	lm	W	lm			
Frame version						
LED						
4000K - CRI 80 - DALI						
25W	3700	28,8W	1961	WW	P965	01-43-47
3000K - CRI 90 - DALI						
25W	3100	28,8W	1643	WW	P966	01-43-47
Complete with DALI power supply 2700K versions on request						



source		system		optic	code	colour
W	lm	W	lm			
Minimal version						
LED						
4000K - CRI 80 - DALI						
25W	3650	28,8W	1934	WW	QK26	01-04
3000K - CRI 90 - DALI						
25W	3050	28,8W	1616	WW	QK27	01-04
Complete with DALI power supply 2700K versions on request						



Mounting accessories code colour



Minimal flange

- for false ceilings between 12.5 mm and 20 mm thick **QK49** 01 for recessed 69x69 mm
- QK50** 01 for recessed 138x69 mm
- QK51** 01 for recessed 207x69 mm

Laser Blade L

Adjustable



86x86



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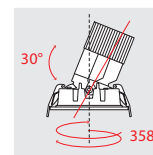


- Flush-mount installation on false ceilings, thicknesses 1 - 25 mm with a mounting system using steel springs.
- Adjustable lamp body with extruded aluminium heat sink. +/- 30° horizontal tilting and 358° rotation.
- External die-cast aluminium support frame.

- High-definition retractable optics in metallic-finish thermoplastic, incorporated into the antiglare screen to ensure high visual comfort even during orientation.
- The minimum installation space dimensions are listed in the online instruction catalogue.

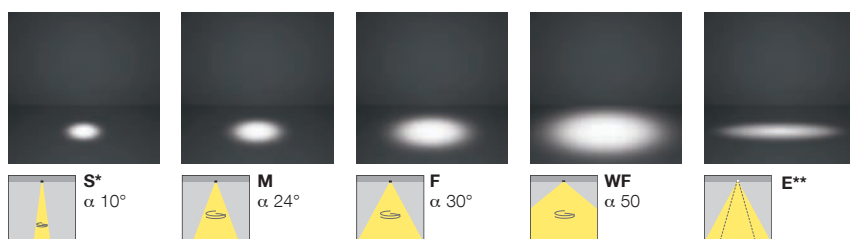


Opti Beam Lens (Spot 10° optic)



Dual adjustability:

Optics



* Spot optic: product complete with lens
 ** Elliptical Optics: - obtained by installing the respective accessory.



01
WHITE



04
BLACK



01
WHITE



47
WHITE/BLACK



43
BLACK/BLACK



74*
GREY/BLACK

* available on request

Opti Beam with accessories

The Opti Beam lens produces an extremely concentrated cone (SS) with sharp edges without a double ring effect. In combination, it is possible to fit Opti Beam interchangeable refractors to open the beam to medium, flood and wide flood.

Refractor for elliptical distribution



Diffuser filter



Soft Lens filter



Coloured filters



Honeycomb louvre



Opti Beam Reflector with accessories

Interchangeable Opti Beam reflectors, on the other hand, produce medium, flood and wide flood cones with higher luminous flux. Optical and photometric accessories to expand and modulate light emissions.

Refractor for elliptical distribution



Coloured filters



Honeycomb louvre



For the number of accessories that can be installed, refer to the instruction sheet

iguzzini.com code finder / download design files / save and organize favorites



source W	system lm	W	lm	optic	code	colour
Frame version						
LED						
4000K - CRI 80						
6,6W	1050	9W	724	50°	P722	01-43-47
3000K - CRI 90						
6,1W	540	8,2W	329	10°	P723	01-43-47
8,3W	1050	10,8W	630	24°	P724	01-43-47
8,3W	1050	10,8W	691	30°	P725	01-43-47
8,3W	1050	10,8W	724	50°	P726	01-43-47
4000K - CRI 80 - DALI						
6,6W	1050	8,7W	724	50°	P731	01-43-47
3000K - CRI 90 - DALI						
6,1W	540	8,1W	329	10°	P732	01-43-47
8,3W	1050	10,6W	630	24°	P733	01-43-47
8,3W	1050	10,6W	691	30°	P734	01-43-47
8,3W	1050	10,6W	724	50°	P735	01-43-47
Warm Dimming - CRI 90 - DALI						
8,5W	610	10,7W	354	30° / 28°	QE07	01-43-47
8,5W	610	10,7W	409	44° / 42°	QE08	01-43-47



source W	system lm	W	lm	optic	code	colour
Minimal version						
LED						
4000K - CRI 80						
6,6W	1050	9W	724	50°	QK29	01-04
3000K - CRI 90						
6,1W	540	8,2W	329	10°	QK30	01-04
8,3W	1050	10,8W	630	24°	QK31	01-04
8,3W	1050	10,8W	691	30°	QK32	01-04
8,3W	1050	10,8W	724	50°	QK33	01-04
4000K - CRI 80 - DALI						
6,6W	1050	8,7W	724	50°	QK38	01-04
3000K - CRI 90 - DALI						
6,1W	540	8,1W	329	10°	QK39	01-04
8,3W	1050	10,6W	630	24°	QK40	01-04
8,3W	1050	10,6W	691	30°	QK41	01-04
8,3W	1050	10,6W	724	50°	QK42	01-04
Warm Dimming - CRI 90 - DALI						
8,5W	610	10,7W	354	30° / 28°	QK47	01-04
8,5W	610	10,7W	409	44° / 42°	QK48	01-04



Complete with power supply
P723, P727, P732, P736: Opti Beam Lens
2700K versions on request

Complete with power supply
2700K versions on request

Optical accessories

code colour



Honeycomb louvre

MY39 04



Diffuser Filter

MY78 24-65
for Opti Beam Reflector



"Soft Lens" filter

MY42 24
for Opti Beam Reflector

Optical accessories

code colour



Refractor for elliptical distribution

MY40 24



Coloured filters

MY14 05-06-16

Mounting accessories

code colour



Minimal flange

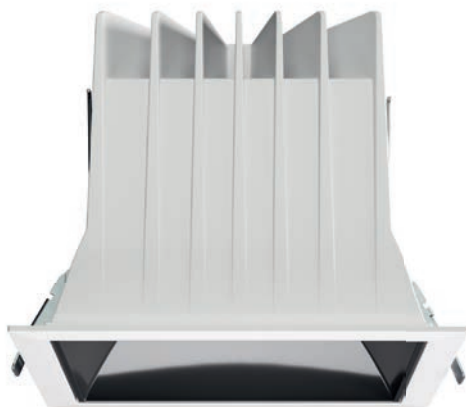
for false ceilings between
12.5 mm and 20 mm thick

QK49 01

for recessed 69x69 mm

Laser Blade XL

High Contrast



144x144



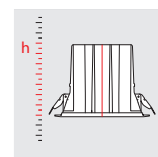
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- Flush-mount installation on false ceilings of thickness 12.5 to 25 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Main body with radiant surface made of die-cast aluminium.

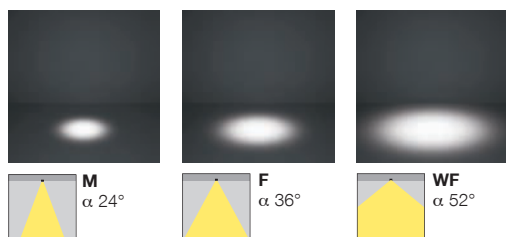
- High-definition optics made of metallised thermoplastic material, integrated in the innovative black antiglare screen that defines emission with luminance control UGR<10.
- High visual comfort.
- Installation without tools.

- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP44 on the visible body of the mount after installation.



Reduced height

Optics





01
WHITE



04
BLACK



01
WHITE



47
WHITE/BLACK



43
BLACK/BLACK



74*
GREY/BLACK



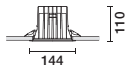
source		system		optic	code colour
W	lm	W	lm		

Frame version

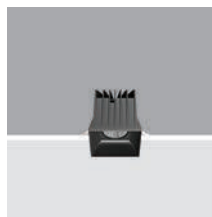
LED

4000K - CRI 80 - DALI					
21W	3000	23,5W	1948	52°	P776 01-43-47
3000K - CRI 90 - DALI					
29W	3000	32,1W	1860	24°	P777 01-43-47
29W	3000	32,1W	1827	36°	P778 01-43-47
29W	3000	32,1W	1948	52°	P779 01-43-47

Complete with DALI power supply
2700K versions on request



128x128



source		system		optic	code colour
W	lm	W	lm		

Minimal version

LED

4000K - CRI 80 - DALI					
21W	2950	23,5W	1916	52°	QK52 01-04
3000K - CRI 90 - DALI					
28W	3150	32,1W	1953	24°	QK53 01-04
28W	3150	32,1W	1918	36°	QK54 01-04
28W	3150	32,1W	2046	52°	QK55 01-04

Complete with DALI power supply
2700K versions on request



123x123

Mounting accessories code colour



Minimal flange

for false ceilings between 12.5 mm and 20 mm thick **QK71** 01
for recessed 119x119 mm version



**Cospea Village Centre-
Terni, Italy**

Architectural Project:
Studio Zaroli Perugia
Lighting project:
Studio Italprogetti Perugia
Photo: iGuzzini Archive

Laser Blade XL

Wall Washer



144x144

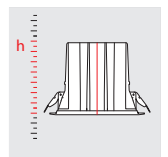


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- Flush-mount installation on false ceilings of thickness 12.5 to 25 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Main body with radiant surface made of die-cast aluminium.
- High-Definition optical system

- designed to achieve effective wall washer distribution on the wall.
- Installation without tools.
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP43 on the visible body of the mount after installation.



Reduced height

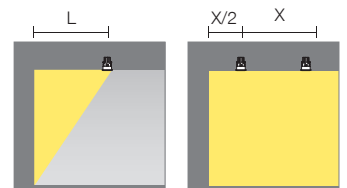
Optics

The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.



Correct installation

Correct installation distances to achieve uniform lighting of the walls. For installation criteria, refer to the instruction sheet.



Version (mm)	L (m)	X (m)	X/2 (m)
144x144/119x119	0,9	1	0,5



01
WHITE



04
BLACK



01
WHITE



47
WHITE/BLACK



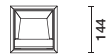
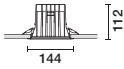
43
BLACK/BLACK



74*
GREY/BLACK



source		system			
W	lm	W	lm	optic	code colour
Frame version					
LED					
4000K - CRI 80 - DALI					
21W	3000	23,5W	1770	WW	Q266 01-43-47
3000K - CRI 90 - DALI					
29W	3000	32,1W	1770	WW	Q267 01-43-47
Complete with DALI power supply 2700K versions on request					



128x128



source		system			
W	lm	W	lm	optic	code colour
Minimal version					
LED					
4000K - CRI 80 - DALI					
21W	2950	23,5W	1740	WW	QK59 01-04
3000K - CRI 90 - DALI					
28W	3150	32,1W	1858	WW	QK60 01-04
Complete with DALI power supply 2700K versions on request					



123x123

Mounting accessories **code** **colour**



Minimal flange

for false ceilings between
12.5 mm and 20 mm thick **QK71** 01
for recessed 119x119 mm
version

Laser Blade XL

Adjustable



144x144



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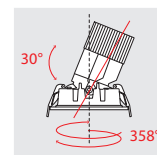


- Flush-mount installation on false ceilings, thicknesses 1 - 25 mm with a mounting system using steel springs.
- Adjustable lamp body with extruded aluminium heat sink. +/- 35° horizontal tilting and 358° rotation.
- Mechanical lock in both directions.
- External die-cast aluminium support frame.

- High-definition retractable optics in metallic-finish thermoplastic, incorporated into the antiglare screen to ensure high visual comfort even during orientation.
- The minimum installation space dimensions are listed in the online instruction catalogue.

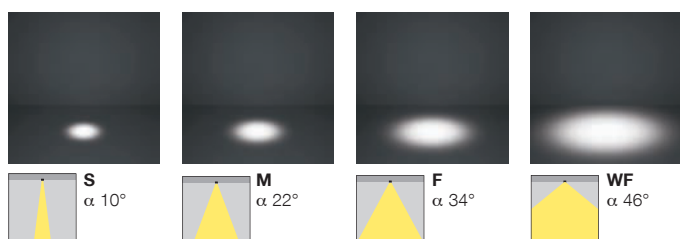


Opti Beam Lens



Dual adjustability:

Optics





01
WHITE



04
BLACK



01
WHITE



47
WHITE/BLACK



43
BLACK/BLACK



74*
GREY/BLACK

* available on request

Opti Beam Reflector with accessories

Interchangeable Opti Beam reflectors, on the other hand, produce medium, flood and wide flood cones with higher luminous flux. Optical and photometric accessories to expand and modulate light emissions.

Refractor for elliptical distribution



Diffuser filter



Soft Lens filter



Coloured filters



Honeycomb louvre



Opti Beam with accessories

The Opti Beam lens produces an extremely concentrated cone (SS) with sharp edges without a double ring effect. In combination, it is possible to fit Opti Beam interchangeable refractors to open the beam to medium, flood and wide flood.

Refractor for elliptical distribution



Opti Beam Refractor M - F - WF



Coloured filters



Honeycomb louvre



For the number of accessories that can be installed, refer to the instruction sheet

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source		system		optic	code	colour
W	lm	W	lm			

Frame version

LED

3000K - CRI 90 - DALI						
12W	1150	13,5W	564	10°	P759	01-43-47

Complete with DALI power supply
Opti Beam Lens
2700K versions on request



144



144



128x128



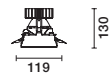
source		system		optic	code	colour
W	lm	W	lm			

Minimal version

LED

3000K - CRI 90 - DALI						
12W	1150	13,5W	564	10°	QK63	01-04

Complete with DALI power supply
Opti Beam Lens
2700K versions on request



119



119



123x123



source		system		optic	code	colour
W	lm	W	lm			

Frame version

LED

4000K - CRI 80 - DALI						
21W	3000	23,5W	1948	46°	P758	01-43-47

3000K - CRI 90 - DALI						
29W	3000	32,1W	1740	22°	P760	01-43-47
29W	3000	32,1W	1796	34°	P761	01-43-47
29W	3000	32,1W	1948	46°	P762	01-43-47

Complete with DALI power supply
2700K versions on request



144



144



128x128



source		system		optic	code	colour
W	lm	W	lm			

Minimal version

LED

4000K - CRI 80 - DALI						
21W	3000	23,5W	1948	46°	QK62	01-04

3000K - CRI 90 - DALI						
28W	3100	32,1W	1798	22°	QK64	01-04
28W	3100	32,1W	1856	34°	QK65	01-04
28W	3100	32,1W	2013	46°	QK66	01-04

Complete with DALI power supply
2700K versions on request









119



119

Laser Blade XL

Adjustable

Optical accessories			Mounting accessories		
	code	colour		code	colour
 Opti Beam Refractor			 Minimal flange for false ceilings between 12.5 mm and 20 mm thick	QK71 01 for recessed 119x119 mm version	
	medium	MY47 24 for Opti Beam Lens			
	flood	MY48 24 for Opti Beam Lens			
	wide flood	MY49 24 for Opti Beam Lens			
 Honeycomb louvre	MY38	04			
 "Soft Lens" filter	MY46	24			
 Refractor for elliptical distribution	MXV1	24			
 Coloured filters	4491	05-06-09			
	4491	24			
	4491	65			
	MY50	05-06-16 for Opti Beam Lens			



Laser Blade System53

Laser Blade System53



Adjustable module
High Contrast



S
 $\alpha 12^\circ$



F
 $\alpha 32^\circ$



S
 $\alpha 48^\circ$



Linear module
High Contrast UGR<19



WF
 $\alpha 48^\circ$

**Laser Blade
iN30**

Possible combination of
Low contrast modules with
High contrast modules.



iN30 module
High Contrast



WF
 $\alpha 48^\circ$



Flush-mount installation

Adjustable floodlight



S
α 10°



M
α 26°

Wall Washer module



WW



Flush-mount installation

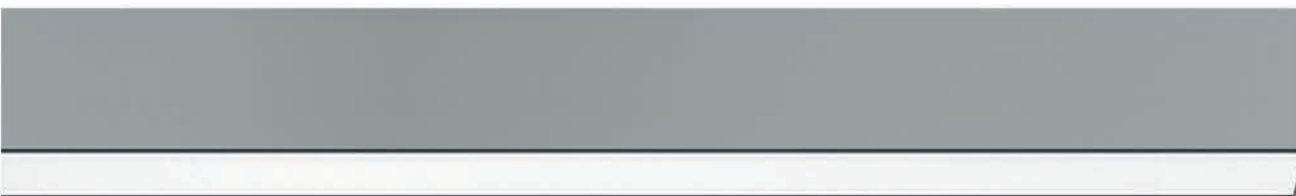
Linear module
Low contrast



GL



Pendant installation



Ceiling installation



Flush-mount installation

IN30 module
Low Contrast



GL



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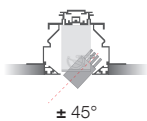
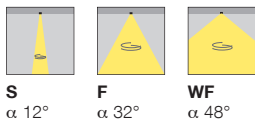
- Modular system used to create "frameless" Flush-mount channels with a constant aperture of 53 mm.
- Structural profile in extruded aluminium with black finishing treatment.
- High contrast UGR <10 lighting

- modules for highlights, with swivel orientation +/- 45°.
- Fixed modules for low contrast emission for general and wall washer lighting.
- All modules are complete with built-in power supply.

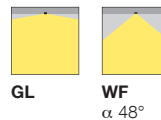


Cover

Optics - Adjustable Module - High contrast The rotation and sliding movement system allows rotation up to 45°.



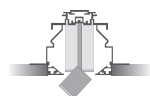
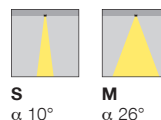
Optics - Fixed Module - Low contrast / High contrast Mounting iN30 modules in the channel produces high and low contrast light lines.



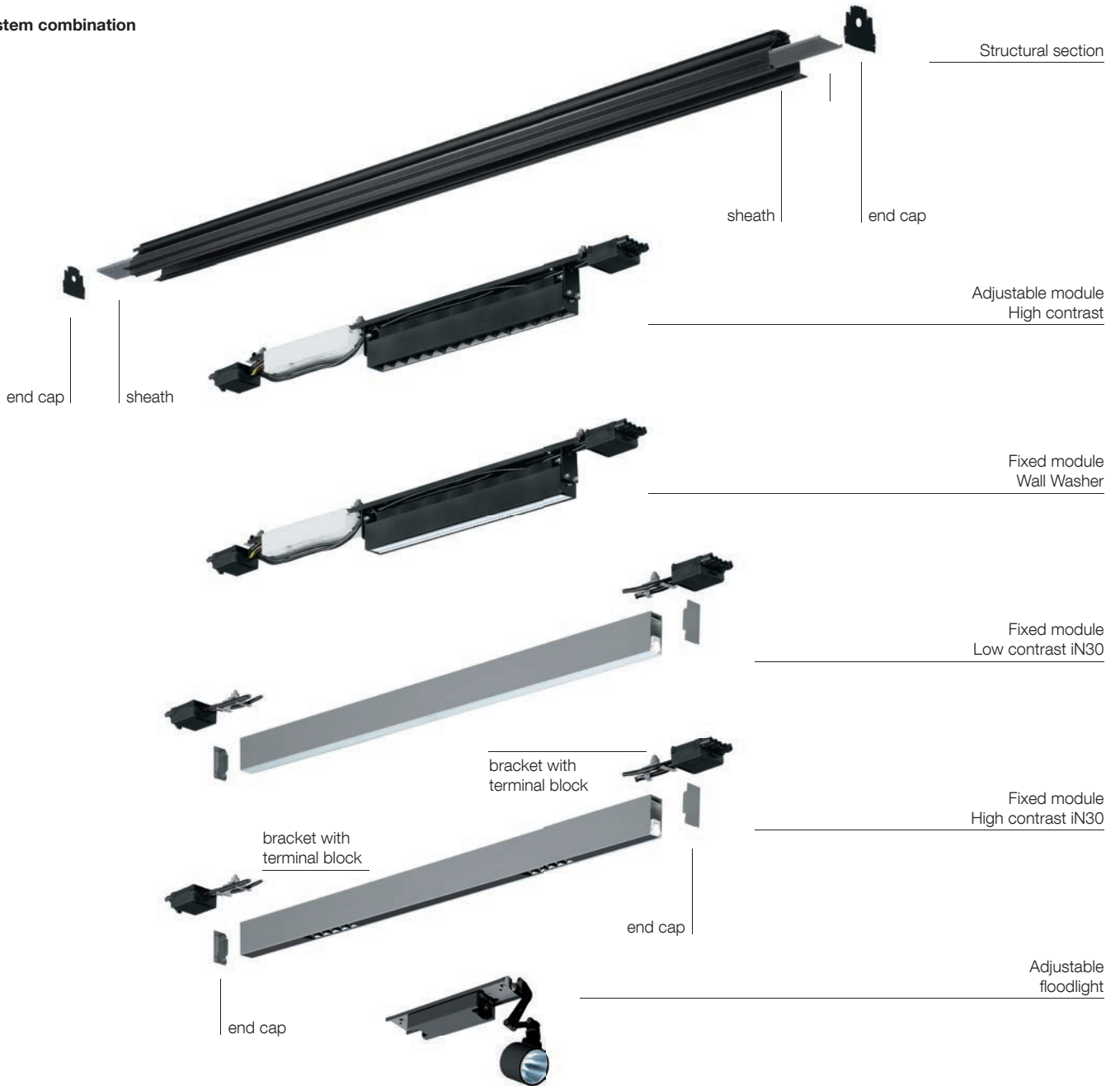
Optics - Fixed Module - Wall Washer Can be used in all cases where vertical wall washing is required.



Optics - Adjustable spotlight Module with adjustable floodlight for focused lighting.



System combination



linear connection



ceiling/wall 90° corner joint



90° corner joint

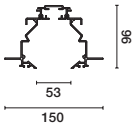
Laser Blade System53

iguzzini.com code finder / download design files / save and organize favorites



length	code colour
Aluminium structural profile	
Module	
500	MXJ4 04
1000	MXJ5 04
2000	MXJ6 04
3000	MXJ7 04

Class of Insulation III
Power supply to be ordered separately



code colour
Angular joint
MXJ9 04



code colour
Ceiling/wall angular joint
MXN5 04

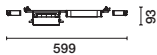


code colour
Two end caps
MXJ8 04



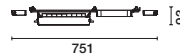
source		system		optic	code colour
W	lm	W	lm		
Adjustable module - High contrast					
LED					
4000K - CRI 95 - DALI					
10W	1000	13W	829	48°	MQ42 04
3000K - CRI 95 - DALI					
10W	930	13W	735	12°	MU83 04
10W	930	13W	743	32°	MQ43 04
10W	930	13W	771	48°	MQ44 04

Complete with DALI power supply



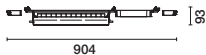
source		system		optic	code colour
W	lm	W	lm		
Adjustable module - High contrast					
LED					
4000K - CRI 95 - DALI					
21W	2000	24,5W	1659	48°	MQ45 04
3000K - CRI 95 - DALI					
21W	1850	24,5W	1462	12°	MU84 04
21W	1850	24,5W	1478	32°	MQ46 04
21W	1850	24,5W	1534	48°	MQ47 04

Complete with DALI power supply



source		system		optic	code colour
W	lm	W	lm		
Adjustable module - High contrast					
LED					
4000K - CRI 95 - DALI					
31W	3000	35W	2488	48°	MQ48 04
3000K - CRI 95 - DALI					
31W	2750	35W	2173	12°	MU85 04
31W	2750	35W	2196	32°	MQ49 04
31W	2750	35W	2281	48°	MQ50 04

Complete with DALI power supply



source		system		length	code colour
W	lm	W	lm		
Linear module - High contrast					
LED					
4000K - CRI 95 - DALI					
20W	2100	28W	1742	1197	N933 12
42W	4100	49,3W	3400	1462	N934 12
3000K - CRI 90 - DALI					
20W	2100	28W	1742	1197	N935 12
40W	4100	49,3W	3400	1462	N936 12

Complete with DALI power supply



Refer to the instruction sheet for system composition

04
BLACK12
ALUMINIUM

source		system		length	code	colour
W	lm	W	lm			

Linear module - Low contrast**LED**

4000K - CRI 80 - DALI						
16W	2650	20,6W	2032	1197	N937	12
32W	5300	41W	4064	2394	N938	12

3000K - CRI 80 - DALI						
16W	2450	20,6W	1879	1197	N939	12
32W	4900	41W	3757	2394	N940	12

Complete with DALI power supply

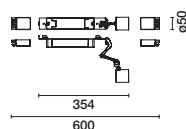


source		system		optic	code	colour
W	lm	W	lm			

Module with adjustable spotlight**LED**

4000K - CRI 80 - DALI						
9W	1000	13W	810	26°	MQ51	04
3000K - CRI 90 - DALI						
9W	750	13W	623	10°	MQ52	04
9W	750	13W	608	26°	MQ53	04

Complete with DALI power supply

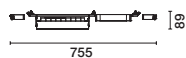


source		system		optic	code	colour
W	lm	W	lm			

Wall Washer fixed module**LED**

4000K - CRI 95 - DALI						
21W	2000	24,5W	780	WW	MR97	04
3000K - CRI 95 - DALI						
20W	1800	24,5W	702	WW	MT88	04

Complete with DALI power supply

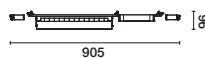


source		system		optic	code	colour
W	lm	W	lm			

Wall Washer fixed module**LED**

4000K - CRI 95 - DALI						
31W	3000	35W	1170	WW	MT89	04
3000K - CRI 95 - DALI						
29W	2700	35W	1053	WW	MT90	04

Complete with DALI power supply

**Control gear**Initial plate with terminal blocks **MXK1** 00**Mounting accessories**Derma for installing structural sections 2 units **MXK2** 00

Cover strip with IP40 cap

2 units **MXK0** 04**Mounting accessories**Pair of end caps **MX80** 01-04-15 for linear modulesConnection elements for continuous row **MX81** 00 for high contrast versions**Control gear**Accessory for through wiring of linear modules **MXJ3** 00Connector for through-passing connections **MXN6** 00



Reflex
Frame / Minimal
pages 182 / 188 / 192



Fixed
optic



Wall Washer
optic



Adjustable
optic

ø 242



ø 212



Super Comfort



White reflector



ø 153



ø 125



Super Comfort



White reflector



ø 96



White reflector



ø 75



White reflector



Terminal 4 Singapore Changi Airport – Singapore

Client: Changi Airport Group / Architectural Project: SAA Architects – Architect & Design Consortium
Lighting project: Lichtvision + WSP / General contractor: Takenaka / Interior design: Benoy Limited
Photo: Marc Tey photography

Reflex
fixed



ø 75
UGR<19



ø 96
UGR<19



ø 125
UGR<19



ø 153
UGR<19



ø 212
UGR<19



ø 242
UGR<19



ø 125
UGR<10
Super Comfort



ø 212
UGR<10
Super Comfort



ø 75
White
reflector



ø 96
White
reflector



ø 125
White
reflector



ø 212
White
reflector

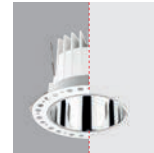




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- Flush-mount installation on false ceilings of thickness 12.5 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Body and heat-sink in die-cast and extruded aluminium.
- Reflector in metallic-finish thermoplastic material with scratch protection for excellent lighting efficiency and visual comfort.
- Versions suitable for use in settings with UGR <19 video terminals, Super Comfort UGR <10 versions.
- General lighting versions available with white reflector.
- Available with electronic wiring and DALI.
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP43 on the visible body of the mount after installation (Minimal versions).
- IP54 on the visible body of the mount after installation (Frame versions).



Accessory frame for each false ceiling

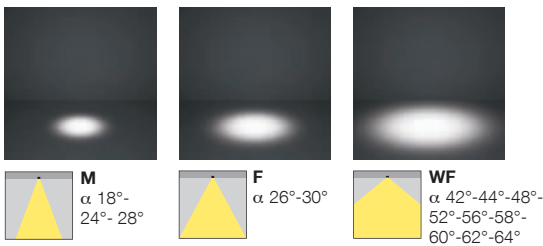


Retention system



Springs with lock/unlock system

Optics



Tunable White RGB

Adaptive light is based on variability. With the new Tunable White and Tunable White-RGB versions, Reflex adds perception comfort to visual comfort. Light varies over a broad spectrum of colour temperatures and wave lengths to transform the setting using light. One product, endless possibilities.



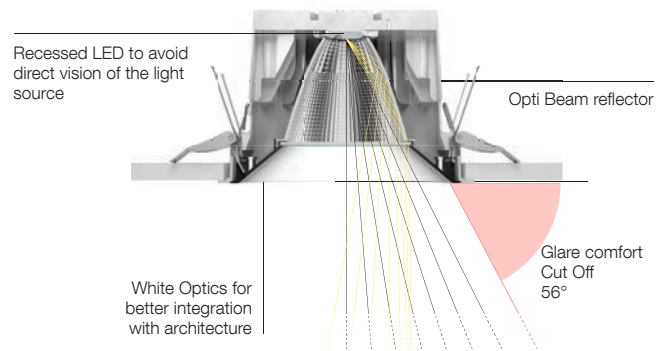
Super Comfort Optics

Our optical know-how joins forces with Arup's innovative design expertise to investigate a solution already integrated into architecture. Reflex C.o.B. Super Comfort, with UGR<10 and luminance <1,500 cd/m² at angles of <65°, is particularly well suited for work environments, ensuring maximum visual ergonomics.

Available in two sizes, with three light distribution settings and high luminous flux values in order to allow for application in offices and large spaces, such as airports and stations, up to 15 m in height.

Controlled luminance <1,500cd/m². $\alpha < 65^\circ$

UGR<10
Unified glare rating <10





12
ALUMINIUM



01
WHITE



39
WHITE/ALUMINIUM

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source system
W lm W lm optic code colour

Ø 75 - Frame version

LED

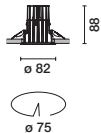
4000K - CRI 80					
6,3W	1000	9W	778	28°	MV78 39
6,3W	1000	9W	789	52°	MV79 39

4000K - CRI 80 - DALI					
6,3W	1000	8,6W	778	28°	MV80 39
6,3W	1000	8,6W	789	52°	MV81 39

3000K - CRI 90 - DALI					
8W	1000	10,1W	778	28°	MV82 39
8W	1000	10,1W	789	52°	MV83 39

2700K - CRI 90 - DALI					
8,4W	1000	10,5W	778	28°	MV84 39
8,4W	1000	10,5W	789	52°	MV85 39

IP54
Complete with power supply



source system
W lm W lm optic code colour

Ø 75 - Minimal version

LED

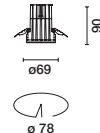
4000K - CRI 80					
6,3W	1000	9W	778	28°	QM30 12
6,3W	1000	9W	789	52°	QM34 12

4000K - CRI 80 - DALI					
6,3W	1000	8,6W	778	28°	QM31 12
6,3W	1000	8,6W	789	52°	QM35 12

3000K - CRI 90 - DALI					
8W	1000	10,1W	778	28°	QM32 12
8W	1000	10,1W	789	52°	QM36 12

2700K - CRI 90 - DALI					
8,4W	1000	10,5W	778	28°	QM33 12
8,4W	1000	10,5W	789	52°	QM37 12

IP43
To install minimal products a PA51 flange is required.
Complete with power supply.



source system
W lm W lm optic code colour

Ø 96 - Frame version

LED

4000K - CRI 80					
8,9W	1500	11,2W	1093	24°	MV86 39
8,9W	1500	11,2W	1109	44°	MV87 39

3000K - CRI 80					
9,3W	1500	11,6W	1093	24°	MV88 39
9,3W	1500	11,6W	1109	44°	MV89 39

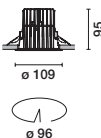
4000K - CRI 80 - DALI					
8,9W	1500	11,3W	1093	24°	MV90 39
8,9W	1500	11,3W	1109	44°	MV91 39

3000K - CRI 80 - DALI					
9,3W	1500	11,8W	1093	24°	MV92 39
9,3W	1500	11,8W	1109	44°	MV93 39

3000K - CRI 90 - DALI					
12W	1500	13,9W	1093	24°	MV94 39
12W	1500	13,9W	1109	44°	MV95 39

2700K - CRI 90 - DALI					
12W	1450	13,9W	1056	24°	Q959 39
12W	1450	13,9W	1072	44°	Q960 39

IP54
Complete with power supply



source system
W lm W lm optic code colour

Ø 96 - Minimal version

LED

4000K - CRI 80					
8,9W	1500	11,2W	1093	24°	QM38 12
8,9W	1500	11,2W	1109	44°	QM39 12

3000K - CRI 80					
9,3W	1500	11,6W	1093	24°	QM40 12
9,3W	1500	11,6W	1109	44°	QM41 12

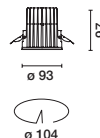
4000K - CRI 80 - DALI					
8,9W	1500	11,3W	1093	24°	QM42 12
8,9W	1500	11,3W	1109	44°	QM43 12

3000K - CRI 80 - DALI					
9,3W	1500	11,8W	1093	24°	QM44 12
9,3W	1500	11,8W	1109	44°	QM45 12

3000K - CRI 90 - DALI					
12W	1500	13,9W	1093	24°	QM46 12
12W	1500	13,9W	1109	44°	QM47 12

2700K - CRI 90 - DALI					
12W	1450	13,9W	1056	24°	QM48 12
12W	1450	13,9W	1072	44°	QM49 12

IP43
To install minimal products a PA53 flange is required.
Complete with power supply





12
ALUMINIUM



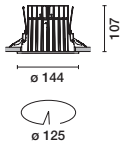
01
WHITE



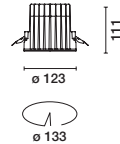
39
WHITE/ALUMINIUM



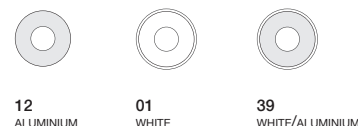

source		system		optic	code	colour
W	lm	W	lm			
Ø 125 - Frame version						
LED						
4000K - CRI 80						
13W	2000	14,9W	1757	24°	MV96	39
21W	3000	23,7W	2635	24°	N229	39
13W	2000	14,9W	1619	64°	MV97	39
21W	3000	23,7W	2429	64°	N230	39
3000K - CRI 80						
13W	2000	15,4W	1757	24°	MV98	39
21W	3000	23,7W	2635	24°	N231	39
13W	2000	15,4W	1619	64°	MV99	39
21W	3000	23,7W	2429	64°	N232	39
4000K - CRI 80 - DALI						
13W	2000	14,7W	1757	24°	N000	39
21W	3000	23,5W	2635	24°	N233	39
13W	2000	14,7W	1619	64°	N001	39
21W	3000	23,5W	2429	64°	N234	39
3000K - CRI 80 - DALI						
13W	2000	15,1W	1757	24°	N002	39
22W	3000	24,7W	2635	24°	N235	39
13W	2000	15,1W	1619	64°	N003	39
22W	3000	24,7W	2429	64°	N236	39
3000K - CRI 90 - DALI						
17W	2000	18,9W	1757	24°	N004	39
29W	2800	31,7W	2460	24°	N237	39
17W	2000	18,9W	1619	64°	N005	39
29W	2800	31,7W	2267	64°	N238	39
2700K - CRI 90 - DALI						
17W	2000	18,9W	1757	24°	Q966	39
29W	3000	31,7W	2635	24°	Q967	39
17W	2000	18,9W	1619	64°	Q968	39
29W	3000	31,7W	2429	64°	Q969	39
Tunable White - DALI						
14W	1950	16,9W	1541	66°	Q262	39



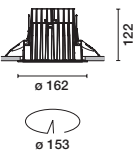

source		system		optic	code	colour
W	lm	W	lm			
Ø 125 - Minimal version						
LED						
4000K - CRI 80						
13W	2000	14,9W	1757	24°	QM50	12
13W	2000	14,7W	1757	24°	QM58	12
21W	3100	23,7W	2723	24°	QM51	12
13W	2000	14,9W	1619	64°	QM52	12
21W	3100	23,7W	2509	64°	QM53	12
3000K - CRI 80						
13W	2000	15,4W	1757	24°	QM54	12
21W	2900	23,7W	2547	24°	QM55	12
13W	2000	15,4W	1619	64°	QM56	12
21W	2900	23,7W	2348	64°	QM57	12
4000K - CRI 80 - DALI						
21W	3000	23,5W	2635	24°	QM59	12
13W	2000	14,7W	1619	64°	QM60	12
21W	3000	23,5W	2429	64°	QM61	12
3000K - CRI 80 - DALI						
13W	2000	15,1W	1757	24°	QM62	12
22W	3000	24,7W	2635	24°	QM63	12
13W	2000	15,1W	1619	64°	QM64	12
22W	3000	24,7W	2429	64°	QM65	12
3000K - CRI 90 - DALI						
17W	2100	18,9W	1845	24°	QM66	12
29W	3100	31,7W	2723	24°	QM67	12
17W	2100	18,9W	1700	64°	QM68	12
29W	3100	31,7W	2509	64°	QM69	12
2700K - CRI 90 - DALI						
17W	2000	18,9W	1757	24°	QM70	12
29W	3000	31,7W	2635	24°	QM71	12
17W	2000	18,9W	1619	64°	QM72	12
29W	3000	31,7W	2429	64°	QM73	12
IP43 To install minimal products a PA55 flange is required Complete with power supply						



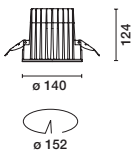

Tunable white and Tunable white +RGB versions are compatible with the iGuzzini range of light management systems presented on page 902.
For the system definition, refer to the instructions.

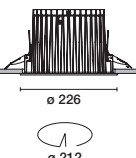

source		system		optic	code	colour
W	lm	W	lm			
Ø 153 - Frame version						
LED						
4000K - CRI 80						
21W	3000	23,7W	2603	24°	N006	39
21W	3000	23,7W	2488	52°	N007	39
3000K - CRI 80						
21W	3000	23,7W	2603	24°	N008	39
21W	3000	23,7W	2488	52°	N009	39
4000K - CRI 80 - DALI						
21W	3000	23,5W	2603	24°	N010	39
21W	3000	23,5W	2488	52°	N011	39
3000K - CRI 80 - DALI						
22W	3000	24,7W	2603	24°	N012	39
22W	3000	24,7W	2488	52°	N013	39
3000K - CRI 90 - DALI						
28W	3000	30,9W	2603	24°	N014	39
28W	3000	30,9W	2488	52°	N015	39
2700K - CRI 90 - DALI						
28W	3000	30,9W	2603	24°	Q974	39
28W	3000	30,9W	2488	52°	Q975	39
Tunable White - DALI						
20W	2800	23,6W	2016	58°	Q264	39
Tunable White + RGB - DALI						
31W	3000	33W	2010	60°	Q263	39
IP54 Complete with power supply Q263: Tunable white 2500K-7000K + RGB, occupies 1 DALI DT8 address Q264: Tuneable white 2500K-6500K, occupies 2 DALI addresses						

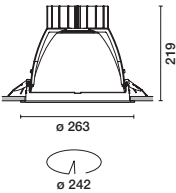
source		system		optic	code	colour
W	lm	W	lm			
Ø 153 - Minimal version						
LED						
4000K - CRI 80						
21W	3100	23,7W	2690	24°	QM74	12
21W	3100	23,7W	2571	52°	QM75	12
3000K - CRI 80						
21W	3000	23,7W	2603	24°	QM76	12
21W	3000	23,7W	2488	52°	QM77	12
4000K - CRI 80 - DALI						
21W	3000	23,5W	2603	24°	QM78	12
21W	3000	23,5W	2488	52°	QM79	12
3000K - CRI 80 - DALI						
22W	3100	24,7W	2690	24°	QM80	12
22W	3100	24,7W	2571	52°	QM81	12
3000K - CRI 90 - DALI						
28W	3200	30,9W	2776	24°	QM82	12
28W	3200	30,9W	2654	52°	QM83	12
2700K - CRI 90 - DALI						
28W	3000	30,9W	2603	24°	QM84	12
28W	3000	30,9W	2488	52°	QM85	12
IP43 Complete with power supply To install minimal products a PA57 flange is required						
Tunable white and Tunable white +RGB versions are compatible with the iGuzzini range of light management systems presented on page 902. For the system definition, refer to the instructions.						

source		system		optic	code	colour
W	lm	W	lm			
Ø 212 - Frame version						
LED						
4000K - CRI 80						
32W	5000	35,4W	4250	26°	N224	39
32W	5000	35,4W	4297	56°	MM97	39
3000K - CRI 80						
33W	5000	36,4W	4250	26°	N225	39
33W	5000	36,4W	4297	56°	MM98	39
4000K - CRI 80 - DALI						
31W	5000	34,8W	4250	26°	N226	39
31W	5000	34,8W	4297	56°	MM99	39
3000K - CRI 80 - DALI						
33W	5000	36,2W	4250	26°	N227	39
33W	5000	36,2W	4297	56°	MN00	39
3000K - CRI 90 - DALI						
39W	5000	43,4W	4250	26°	N228	39
39W	5000	43,4W	4297	56°	N016	39
IP54 Complete with power supply						

source		system		optic	code	colour
W	lm	W	lm			
Ø 242 - Frame version						
LED						
4000K - CRI 80						
49W	8000	54,8W	6062	24°	N017	39
49W	8000	54,8W	6155	58°	N018	39
3000K - CRI 80						
51W	8000	57,6W	6062	24°	N019	39
51W	8000	57,6W	6155	58°	N020	39
4000K - CRI 80 - DALI						
49W	8000	54,8W	6062	24°	N021	39
49W	8000	54,8W	6155	58°	N022	39
3000K - CRI 80 - DALI						
51W	8000	57,6W	6062	24°	N023	39
51W	8000	57,6W	6155	58°	N024	39
IP54 Complete with power supply						



Decorative accessories



Customisation rim

code colour

MWP4 15
for \varnothing 125 mm
MWP5 15
for \varnothing 212 mm

Mounting accessories



Minimal flange

code colour

PA51 01
For recessed \varnothing 75 mm version
PA53 01
For recessed \varnothing 96 mm version

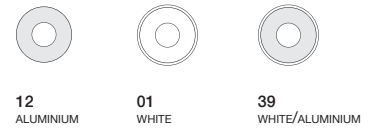
Mounting accessories



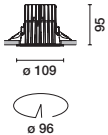
Minimal flange

code colour

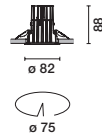
PA55 01
For recessed \varnothing 125 mm version
PA57 01
For recessed \varnothing 153 mm version



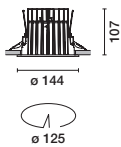
source		system		optic	code	colour
W	lm	W	lm			
Ø 96 - Frame version - White reflector						
LED						
4000K - CRI 80						
8,9W	1500	11,2W	982	74°	P507	01
3000K - CRI 80						
9,3W	1500	11,6W	982	74°	P508	01
4000K - CRI 80 - DALI						
8,9W	1500	11,3W	982	74°	P509	01
3000K - CRI 90 - DALI						
12W	1500	13,9W	982	74°	P510	01
2700K - CRI 90 - DALI						
12W	1400	13,9W	917	74°	Q961	01
IP54 Complete with power supply						



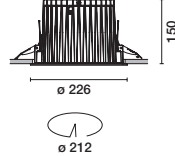
source		system		optic	code	colour
W	lm	W	lm			
Ø 75 - Frame version - White reflector						
LED						
4000K - CRI 80						
6,3W	1000	9W	650	62°	P586	01
4000K - CRI 80 - DALI						
6,3W	1000	8,6W	650	62°	P587	01
3000K - CRI 90 - DALI						
8W	1000	10,1W	650	62°	P588	01
2700K - CRI 90 - DALI						
8,4W	1000	10,5W	650	62°	P589	01
IP54 Complete with power supply						



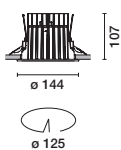
source		system		optic	code	colour
W	lm	W	lm			
Ø 125 - Frame version - White reflector						
LED						
4000K - CRI 80						
13W	2000	14,9W	1499	78°	P511	01
21W	3000	23,7W	2249	78°	P512	01
3000K - CRI 80						
13W	2000	15,4W	1499	78°	P513	01
21W	3100	23,7W	2324	78°	P514	01
4000K - CRI 80 - DALI						
13W	2000	14,7W	1499	78°	P515	01
21W	3000	23,5W	2249	78°	P516	01
3000K - CRI 90 - DALI						
17W	2000	18,9W	1499	78°	P517	01
29W	3000	31,7W	2249	78°	P518	01
2700K - CRI 90 - DALI						
17W	2000	18,9W	1499	78°	Q964	01
29W	3100	31,7W	2324	78°	Q965	01
IP54 Complete with power supply						



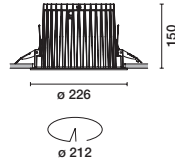
source		system		optic	code	colour
W	lm	W	lm			
Ø 212 - Frame version - White reflector						
LED						
4000K - CRI 80						
32W	5000	35,4W	4048	62°	P519	01
3000K - CRI 80						
33W	5000	36,4W	4048	62°	P520	01
4000K - CRI 80 - DALI						
31W	5000	34,8W	4048	62°	P521	01
3000K - CRI 90 - DALI						
39W	5000	43,4W	4048	62°	P522	01
IP54 Complete with power supply						



source		system		optic	code	colour
W	lm	W	lm			
Ø 125 - Frame version - Super Comfort - UGR<10						
LED						
4000K - CRI 80 - DALI						
21W	3000	23,9W	2100	18°	P523	39
21W	3000	23,9W	2100	24°	P524	39
21W	3000	23,9W	2247	42°	P525	39
3000K - CRI 90 - DALI						
28W	2800	30,9W	1960	18°	P526	39
28W	2800	30,9W	1960	24°	P527	39
28W	2800	30,9W	2097	42°	P528	39
IP54 Complete with power supply						



source		system		optic	code	colour
W	lm	W	lm			
Ø 212 - Frame version - Super Comfort - UGR<10						
LED						
4000K - CRI 80 - DALI						
39W	6000	43,4W	4800	18°	P529	39
39W	6000	43,4W	4730	30°	P530	39
39W	6000	43,4W	4795	48°	P531	39
3000K - CRI 90 - DALI						
48W	6000	52,8W	4800	18°	M636	39
48W	6000	52,8W	4730	30°	P532	39
48W	6000	52,8W	4795	48°	P533	39
IP54 Complete with power supply						



Reflex

Wall Washer



Explore and interact with products in 3D.
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- Flush-mount installation on false ceilings of thickness 12.5 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Body and heat sink in die-cast aluminium.
- Reflector in metallic-finished thermoplastic material with scratch protection.

- Available with electronic wiring and DALI.
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP43 on the visible body of the mount after installation.



Accessory frame for each false ceiling



Retention system



Springs with lock/unlock system

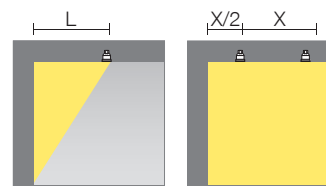
Optics

The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.



Correct installation

For installation criteria, refer to the instruction sheet.





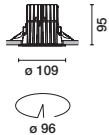
12
ALUMINIUM



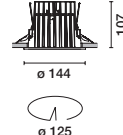
39
WHITE/ALUMINIUM



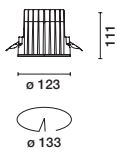
source		system		optic	code	colour
W	lm	W	lm			
Ø 96 - Frame version						
LED						
4000K - CRI 80						
8,9W	1500	11,2W	795	WW	N121	39
3000K - CRI 80						
9,3W	1500	11,6W	795	WW	N122	39
4000K - CRI 80 - DALI						
8,9W	1500	11,3W	795	WW	N123	39
3000K - CRI 80 - DALI						
9,3W	1500	11,8W	795	WW	N124	39
3000K - CRI 90 - DALI						
12W	1500	13,9W	795	WW	N125	39
2700K - CRI 90 - DALI						
12W	1450	13,9W	768	WW	Q978	39



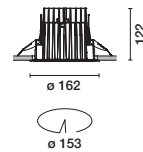
source		system		optic	code	colour
W	lm	W	lm			
Ø 125 - Frame version						
LED						
4000K - CRI 80						
13W	2000	14,9W	1240	WW	N126	39
21W	3000	23,7W	1859	WW	N244	39
3000K - CRI 80						
13W	2000	15,4W	1240	WW	N127	39
21W	3000	23,7W	1859	WW	N245	39
4000K - CRI 80 - DALI						
13W	2000	14,7W	1240	WW	N128	39
21W	3000	23,5W	1859	WW	N246	39
3000K - CRI 80 - DALI						
13W	2000	15,1W	1240	WW	N129	39
22W	3000	24,7W	1859	WW	N247	39
3000K - CRI 90 - DALI						
17W	2000	18,9W	1240	WW	N130	39
29W	2800	31,7W	1735	WW	N248	39
2700K - CRI 90 - DALI						
17W	2000	18,9W	1240	WW	Q979	39
29W	3000	31,7W	1859	WW	Q980	39



source		system		optic	code	colour
W	lm	W	lm			
Ø 125 - Minimal version						
LED						
4000K - CRI 80						
13W	2000	14,9W	1240	WW	QM86	12
21W	3000	23,7W	1859	WW	QM87	12
3000K - CRI 80						
13W	2000	15,4W	1240	WW	QM88	12
21W	2900	23,7W	1797	WW	QM89	12
4000K - CRI 80 - DALI						
13W	2000	14,7W	1240	WW	QM90	12
21W	3000	23,5W	1859	WW	QM91	12
3000K - CRI 80 - DALI						
13W	2000	15,1W	1240	WW	QM92	12
22W	3000	24,7W	1859	WW	QM93	12
3000K - CRI 90 - DALI						
17W	2100	18,9W	1302	WW	QM94	12
29W	3100	31,7W	1921	WW	QM95	12
2700K - CRI 90 - DALI						
17W	2000	18,9W	1240	WW	QM96	12
29W	3000	31,7W	1859	WW	QM97	12



source		system		optic	code	colour
W	lm	W	lm			
Ø 153 - Frame version						
LED						
4000K - CRI 80						
21W	3000	23,7W	1650	WW	N131	39
3000K - CRI 80						
21W	3000	23,7W	1650	WW	N132	39
4000K - CRI 80 - DALI						
21W	3000	23,5W	1650	WW	N133	39
3000K - CRI 80 - DALI						
22W	3000	24,7W	1650	WW	N134	39
3000K - CRI 90 - DALI						
28W	3000	30,9W	1650	WW	N135	39
2700K - CRI 90 - DALI						
28W	3000	30,9W	1650	WW	Q983	39



Complete with power supply
IP43
To install minimal products a PA55 flange is required

Complete with power supply

Reflex Wall Washer



12
ALUMINIUM



39
WHITE/ALUMINIUM

iguzzini.com code finder / download design files / save and organize favorites



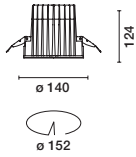
source		system		optic	code	colour
W	lm	W	lm			

Ø 153 - Minimal version

LED

4000K - CRI 80						
21W	3100	23,7W	1705	WW	QM98	12
3000K - CRI 80						
21W	3000	23,7W	1650	WW	QM99	12
4000K - CRI 80 - DALI						
21W	3000	23,5W	1650	WW	QN00	12
3000K - CRI 80 - DALI						
22W	3100	24,7W	1705	WW	QN01	12
3000K - CRI 90 - DALI						
28W	3200	30,9W	1760	WW	QN02	12
2700K - CRI 90 - DALI						
28W	3000	30,9W	1650	WW	QN03	12

Complete with power supply
IP43
To install minimal products a PA57 flange is required



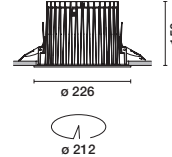
source		system		optic	code	colour
W	lm	W	lm			

Ø 212 - Frame version

LED

4000K - CRI 80						
32W	5000	35,4W	3150	WW	MN01	39
3000K - CRI 80						
33W	5000	36,4W	3150	WW	MN02	39
4000K - CRI 80 - DALI						
31W	5000	34,8W	3150	WW	MN03	39
3000K - CRI 80 - DALI						
33W	5000	36,2W	3150	WW	MN04	39
3000K - CRI 90 - DALI						
39W	5000	43,4W	3150	WW	N136	39

Complete with power supply



Mounting accessories

code	colour
------	--------



Minimal flange

PA55	01
For recessed ø 125 mm version	
PA57	01
For recessed ø 153 mm version	

Fifty One East Shoes & Bags – Doha, Qatar

Client: Darwish Holding
Architectural Project: Dobas AG
Photo: Dow Photography



Reflex

adjustable



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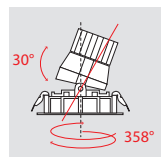


- Flush-mount installation on false ceilings of thickness 12.5 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using torsion springs.
- Body and heat sink in extruded aluminium.
- Reflectors in super-pure mirror-finish aluminium.
- +/- 30° orientation in the horizontal plane and 358° around the vertical axis.

- Mechanical aiming lock.
- Electronic wiring and DALI available.
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP23 on the visible body of the mount after installation.

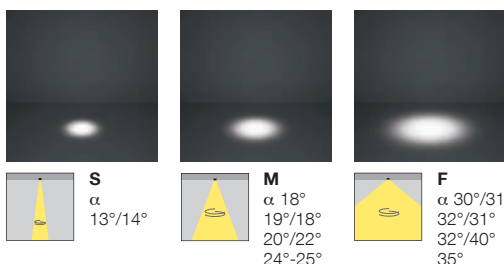


Accessory frame for each false ceiling



Dual adjustability:

Optics





12
ALUMINIUM

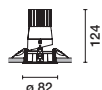


39
WHITE/ALUMINIUM



source		system		optic	code	colour
W	lm	W	lm			
Ø 75 - Frame version						
LED						
4000K - CRI 80						
6,2W	1000	9W	150	19° / 18°	N063	39
6,2W	1000	9W	240	30° / 31°	N064	39
4000K - CRI 80 - DALI						
6,2W	1000	8,6W	150	19° / 18°	N065	39
6,2W	1000	8,6W	240	30° / 31°	N066	39
3000K - CRI 90 - DALI						
8,3W	1000	10,5W	150	19° / 18°	N067	39
8,3W	1000	10,5W	240	30° / 31°	N068	39
2700K - CRI 90 - DALI						
8,7W	1000	11W	150	19° / 18°	N069	39
8,7W	1000	11W	240	30° / 31°	N070	39

Complete with power supply



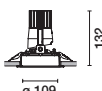
source		system		optic	code	colour
W	lm	W	lm			
Ø 75 - Minimal version						
LED						
4000K - CRI 80						
6,2W	1000	9W	150	19° / 18°	QN04	12
6,2W	1000	9W	240	30° / 31°	QN05	12
4000K - CRI 80 - DALI						
6,2W	1000	8,6W	150	19° / 18°	QN06	12
6,2W	1000	8,6W	240	30° / 31°	QN07	12
3000K - CRI 90 - DALI						
8,3W	1000	10,5W	150	19° / 18°	QN08	12
8,3W	1000	10,5W	240	30° / 31°	QN09	12
2700K - CRI 90 - DALI						
8,7W	1000	11W	150	19° / 18°	QN10	12
8,7W	1000	11W	240	30° / 31°	QN11	12

Complete with power supply.
IP43.
To install minimal products a PA52 flange is required.



source		system		optic	code	colour
W	lm	W	lm			
Ø 96 - Frame version						
LED						
4000K - CRI 80						
10W	1500	12,7W	688	25°	N071	39
10W	1500	12,7W	599	35°	N072	39
3000K - CRI 80						
11W	1500	13,1W	688	25°	N073	39
11W	1500	13,1W	599	35°	N074	39
4000K - CRI 80 - DALI						
10W	1500	12,4W	688	25°	N075	39
10W	1500	12,4W	599	35°	N076	39
3000K - CRI 80 - DALI						
11W	1500	12,9W	688	25°	N077	39
11W	1500	12,9W	599	35°	N078	39
3000K - CRI 90 - DALI						
14W	1500	16,3W	688	25°	N079	39
14W	1500	16,3W	599	35°	N080	39
2700K - CRI 90 - DALI						
14W	1450	16,3W	665	25°	Q985	39
14W	1450	16,3W	579	35°	Q986	39

Complete with power supply



source		system		optic	code	colour
W	lm	W	lm			
Ø 96 - Minimal version						
LED						
4000K - CRI 80						
10W	1500	12,7W	688	25°	QN12	12
10W	1500	12,7W	599	35°	QN13	12
3000K - CRI 80						
11W	1500	13,1W	688	25°	QN14	12
11W	1500	13,1W	599	35°	QN15	12
4000K - CRI 80 - DALI						
10W	1500	12,4W	688	25°	QN16	12
10W	1500	12,4W	599	35°	QN17	12
3000K - CRI 80 - DALI						
11W	1500	12,9W	688	25°	QN18	12
11W	1500	12,9W	599	35°	QN19	12
3000K - CRI 90 - DALI						
14W	1500	16,3W	688	25°	QN20	12
14W	1500	16,3W	599	35°	QN21	12
2700K - CRI 90 - DALI						
14W	1450	16,3W	665	25°	QN22	12
14W	1450	16,3W	579	35°	QN23	12

Complete with power supply.
IP43.
To install minimal products a PA54 flange is required.






12
ALUMINIUM

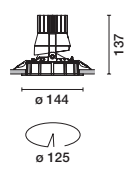


39
WHITE/ALUMINIUM


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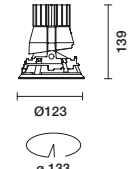
source		system		optic	code colour
W	lm	W	lm		
Ø 125 - Frame version					
LED					
4000K - CRI 80					
13W	2000	15,4W	918	20° / 22°	N081 39
13W	2000	15,4W	879	32° / 40°	N082 39
3000K - CRI 80					
13W	2000	15,8W	918	20° / 22°	N083 39
13W	2000	15,8W	879	32° / 40°	N084 39
4000K - CRI 80 - DALI					
13W	2000	15,1W	918	20° / 22°	N085 39
13W	2000	15,1W	879	32° / 40°	N086 39
3000K - CRI 80 - DALI					
13W	2000	15,5W	918	20° / 22°	N087 39
13W	2000	15,5W	879	32° / 40°	N088 39
3000K - CRI 90 - DALI					
17W	2000	18,9W	918	20° / 22°	N089 39
17W	2000	18,9W	879	32° / 40°	N090 39
2700K - CRI 90 - DALI					
17W	2000	18,9W	918	20° / 22°	Q989 39
17W	2000	18,9W	879	32° / 40°	Q990 39




Complete with power supply



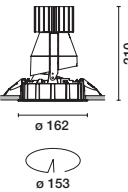
source		system		optic	code colour
W	lm	W	lm		
Ø 125 - Minimal version					
LED					
4000K - CRI 80					
13W	2000	15,4W	918	20° / 22°	QN24 12
13W	2000	15,4W	879	32° / 40°	QN25 12
3000K - CRI 80					
13W	2000	15,8W	918	20° / 22°	QN26 12
13W	2000	15,8W	879	32° / 40°	QN27 12
4000K - CRI 80 - DALI					
13W	2000	15,1W	918	20° / 22°	QN28 12
13W	2000	15,1W	879	32° / 40°	QN29 12
3000K - CRI 80 - DALI					
13W	2000	15,5W	918	20° / 22°	QN30 12
13W	2000	15,5W	879	32° / 40°	QN31 12
3000K - CRI 90 - DALI					
17W	2100	18,9W	964	20° / 22°	QN32 12
17W	2100	18,9W	923	32° / 40°	QN33 12
2700K - CRI 90 - DALI					
17W	2000	18,9W	918	20° / 22°	QN34 12
17W	2000	18,9W	879	32° / 40°	QN35 12




Complete with power supply.
IP43.
To install minimal products a PA56 flange is required.



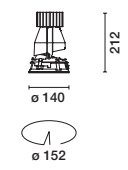
source		system		optic	code colour
W	lm	W	lm		
Ø 153 - Frame version					
LED					
4000K - CRI 80					
21W	3000	23,7W	1764	24°	N092 39
21W	3000	23,7W	1827	13° / 14°	N091 39
3000K - CRI 80					
21W	3000	23,7W	1764	24°	N094 39
21W	3000	23,7W	1827	13° / 14°	N093 39
4000K - CRI 80 - DALI					
21W	3000	23,5W	1764	24°	N096 39
21W	3000	23,5W	1827	13° / 14°	N095 39
3000K - CRI 80 - DALI					
22W	3000	24,7W	1764	24°	N098 39
22W	3000	24,7W	1827	13° / 14°	N097 39
3000K - CRI 90 - DALI					
28W	3000	30,9W	1764	24°	N100 39
28W	3000	30,9W	1827	13° / 14°	N099 39
2700K - CRI 90 - DALI					
28W	3000	30,9W	1764	24°	Q994 39
28W	3000	30,9W	1827	13° / 14°	Q993 39



Complete with power supply



source		system		optic	code colour
W	lm	W	lm		
Ø 153 - Minimal version					
LED					
4000K - CRI 80					
21W	3000	23,7W	1764	24°	QN37 12
21W	3000	23,7W	1827	13° / 14°	QN36 12
3000K - CRI 80					
21W	3000	23,7W	1764	24°	QN39 12
21W	3000	23,7W	1827	13° / 14°	QN38 12
4000K - CRI 80 - DALI					
21W	3000	23,5W	1764	24°	QN41 12
21W	3000	23,5W	1827	13° / 14°	QN40 12
3000K - CRI 80 - DALI					
22W	3000	24,7W	1764	24°	QN43 12
22W	3000	24,7W	1827	13° / 14°	QN42 12
3000K - CRI 90 - DALI					
28W	3100	30,9W	1823	24°	QN45 12
28W	3100	30,9W	1888	13° / 14°	QN44 12
2700K - CRI 90 - DALI					
28W	3000	30,9W	1764	24°	QN47 12
28W	3000	30,9W	1827	13° / 14°	QN46 12



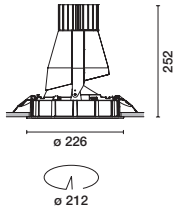
Complete with power supply.
IP43.
To install minimal products a PA58 flange is required.



12
ALUMINIUM



39
WHITE/ALUMINIUM



source		system					
W	lm	W	lm	optic	code	colour	
Ø 212 - Frame version							
LED							
4000K - CRI 80							
32W	5000	35W	3440	18°	N101	39	
32W	5000	35W	3246	32° / 31°	N102	39	
3000K - CRI 80							
32W	5000	36W	3440	18°	N103	39	
32W	5000	36W	3246	32° / 31°	N104	39	
4000K - CRI 80 - DALI							
31W	5000	34,2W	3440	18°	N105	39	
31W	5000	34,2W	3246	32° / 31°	N106	39	
3000K - CRI 80 - DALI							
33W	5000	35,6W	3440	18°	N107	39	
33W	5000	35,6W	3246	32° / 31°	N108	39	
3000K - CRI 90 - DALI							
39W	5000	43,3W	3440	18°	N109	39	
39W	5000	43,3W	3246	32° / 31°	N110	39	

Complete with power supply

Mounting accessories

code colour



Minimal flange

- PA52** 01
For recessed ø 75 mm version
- PA54** 01
For recessed ø 96 mm version
- PA56** 01
For recessed ø 125 mm version
- PA58** 01
For recessed ø 153 mm version

Easy

page 196



Fixed optic



Wall Washer optic

ø 212



White reflector

UGR<19

Wall Washer

ø 153



White reflector

UGR<19

Wall Washer

ø 96



White reflector

Wall Washer

NEW Easy ceiling lamp
page 448





Fixed
optic

ø 212



UGR<19

ø153



UGR<19

ø 96





ø 96



ø 96
White reflector



ø 96
Wall Washer



ø 153



ø 153
White reflector



ø 153
UGR<19



ø 153
Wall Washer



ø 212



ø 212
White reflector



ø 212
UGR<19



ø 212
Wall Washer



01
WHITE39
WHITE/ALUMINIUMExplore and interact with products in 3D.
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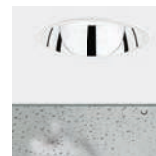
- Flush-mount installation on false ceilings 1 to 25 mm using steel springs
- Models with perimeter flap (Frame)
- Painted die-cast aluminium dissipator
- High efficiency reflectors in metallic-finished thermoplastic material with scratch protection.

- General lighting versions also available with white reflector.
- UGR versions <19 - 3000 cd / m²
- Wall Washer Versions
- Wiring envisaged: On-Off - DALI - with inverter for Emergency lighting
- Models with POE technology available on request

- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP54 on the visible body of the mount after installation.



Scratchproof Reflector



IP54 on visible body

Optics



GL



UGR<19

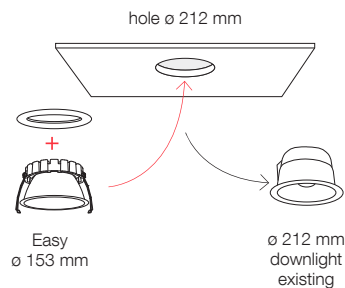


WW



Easy replacing

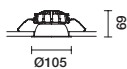
It is possible to replace downlights with a diameter of 212 mm with an Easy model having a diameter of 153 mm by inserting an accessory ring.



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source		system		optic	code	colour
W	lm	W	lm			
Ø 96 - General light						
LED						
4000K - CRI 80 - DALI						
11W	1850	13,2W	1517	GL	QF51	01-39
3000K - CRI 80 - DALI						
11W	1800	13,2W	1476	GL	QF52	01-39
3000K - CRI 90 - DALI						
11W	1550	13,2W	1271	GL	QF53	01-39
4000K - CRI 80 - On/off						
11W	1850	12,9W	1517	GL	QF49	01-39
3000K - CRI 80 - On/off						
11W	1800	12,9W	1476	GL	QF50	01-39
Complete with power supply						



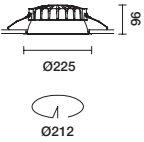

source		system		optic	code	colour
W	lm	W	lm			
Ø 153 - General light						
LED						
4000K - CRI 80 - DALI						
15W	2400	17W	2040	GL	QF56	01-39
22W	3300	24,5W	2805	GL	QF61	01-39
3000K - CRI 80 - DALI						
15W	2350	17W	1998	GL	QF57	01-39
22W	3200	24,5W	2720	GL	QF62	01-39
3000K - CRI 90 - DALI						
15W	2000	17W	1700	GL	QF58	01-39
22W	2750	24,5W	2338	GL	QF63	01-39
4000K - CRI 80 - On/off						
15W	2400	16,8W	2040	GL	QF54	01-39
22W	3300	24,3W	2805	GL	QF59	01-39
3000K - CRI 80 - On/off						
15W	2350	16,8W	1998	GL	QF55	01-39
22W	3200	24,3W	2720	GL	QF60	01-39
Complete with power supply						
Ø 153 - General light - emergency light						
LED						
4000K - CRI 80 - On/off						
22W	3300	28,6W	2805	GL	QF64	01-39
3000K - CRI 80 - On/off						
22W	3200	28,6W	2720	GL	QF65	01-39
3000K - CRI 90 - On/off						
22W	2750	28,6W	2338	GL	QF66	01-39
Complete with power supply with inverter						





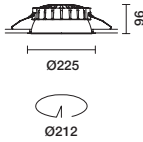

source		system		optic	code colour
W	lm	W	lm		
Ø 212 - General light					
LED					
4000K - CRI 80 - DALI					
22W	3450	25,3W	2967	GL	QF69 01-39
32W	4950	36,7W	4356	GL	QF74 01-39
3000K - CRI 80 - DALI					
22W	3350	25,3W	2881	GL	QF70 01-39
32W	4850	36,7W	4268	GL	QF75 01-39
3000K - CRI 90 - DALI					
22W	2900	25,3W	2494	GL	QF71 01-39
32W	4150	36,7W	3652	GL	QF76 01-39
4000K - CRI 80 - On/off					
23W	3600	26,3W	3096	GL	QF67 01-39
32W	4950	36,5W	4356	GL	QF72 01-39
3000K - CRI 80 - On/off					
23W	3500	26,3W	3010	GL	QF68 01-39
32W	4850	36,5W	4268	GL	QF73 01-39

Complete with power supply

source		system		optic	code colour
W	lm	W	lm		
Ø 212 - General light - emergency light					
LED					
4000K - CRI 80 - DALI					
32W	4950	40,7W	4356	GL	QF77 01-39
3000K - CRI 80 - DALI					
32W	4850	40,7W	4268	GL	QF78 01-39
3000K - CRI 90 - DALI					
32W	4150	40,7W	3652	GL	QF79 01-39

Complete with power supply with inverter

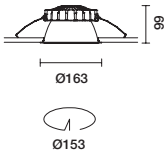

source		system		optic	code colour
W	lm	W	lm		
Ø 153 - UGR<19					
LED					
4000K - CRI 80 - DALI					
15W	2500	16,9W	2150	UGR	QF82 39
21W	3450	24,5W	2967	UGR	QF88 39
4000K - CRI 90 - DALI					
15W	2150	16,9W	1849	UGR	QF83 39
21W	2950	24,5W	2537	UGR	QF89 39
3000K - CRI 80 - DALI					
15W	2450	16,9W	2107	UGR	QF84 39
21W	3400	24,5W	2924	UGR	QF90 39
3000K - CRI 90 - DALI					
15W	2100	16,9W	1806	UGR	QF85 39
21W	2900	24,5W	2494	UGR	QF91 39
4000K - CRI 80 - On/off					
15W	2500	16,7W	2150	UGR	QF80 39
21W	3450	23,9W	2967	UGR	QF86 39
3000K - CRI 80 - On/off					
15W	2450	16,7W	2107	UGR	QF81 39
21W	3400	23,9W	2924	UGR	QF87 39

Complete with power supply

Ø 153 - UGR<19 - emergency light

LED					
4000K - CRI 80 - On/off					
21W	3450	29,4W	2967	UGR	QF92 39
4000K - CRI 90 - On/off					
21W	2950	29,4W	2537	UGR	QF93 39
3000K - CRI 80 - On/off					
21W	3400	29,4W	2924	UGR	QF94 39
3000K - CRI 90 - On/off					
21W	2900	29,4W	2494	UGR	QF95 39

Complete with power supply with inverter

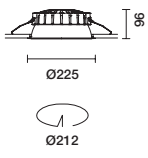
source		system		optic	code colour
W	lm	W	lm		
Ø 212 - UGR<19					
LED					
4000K - CRI 80 - DALI					
22W	3450	25,3W	2898	UGR	QF98 39
32W	4950	36,7W	4158	UGR	QG05 39
4000K - CRI 90 - DALI					
22W	2900	25,3W	2436	UGR	QF99 39
32W	4200	36,7W	3528	UGR	QG06 39
3000K - CRI 80 - DALI					
22W	3350	25,3W	2814	UGR	QG01 39
32W	4800	36,7W	4032	UGR	QG07 39
3000K - CRI 90 - DALI					
22W	2900	25,3W	2436	UGR	QG02 39
32W	4100	36,7W	3444	UGR	QG08 39
4000K - CRI 80 - On/off					
23W	3600	26,3W	3024	UGR	QF96 39
32W	4950	36,5W	4158	UGR	QG03 39
3000K - CRI 80 - On/off					
23W	3500	26,3W	2940	UGR	QF97 39
32W	4800	36,5W	4032	UGR	QG04 39

Complete with power supply

Ø 212 - UGR<19 - with inverter

LED					
4000K - CRI 80 - On/off					
32W	4950	40,7W	4158	UGR	QG09 39
4000K - CRI 90 - On/off					
32W	4200	40,7W	3528	UGR	QG10 39
3000K - CRI 80 - On/off					
32W	4800	40,7W	4032	UGR	QG11 39
3000K - CRI 90 - On/off					
32W	4100	40,7W	3444	UGR	QG12 39

Complete with power supply



01
WHITE39
WHITE/ALUMINIUM

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source		system		optic	code	colour
W	lm	W	lm			

Ø 96 - Wall washer**LED**

4000K - CRI 80 - DALI						
11W	1850	12,9W	1406	WW	QG19	39

3000K - CRI 80 - DALI						
11W	1800	12,9W	1368	WW	QG20	39

3000K - CRI 90 - DALI						
11W	1550	12,9W	1178	WW	QG21	39

4000K - CRI 80 - On/off						
11W	1850	11,4W	1406	WW	QG17	39

3000K - CRI 80 - On/off						
11W	1800	11,4W	1368	WW	QG18	39

Complete with power supply



source		system		optic	code	colour
W	lm	W	lm			

Ø 153 - Wall washer**LED**

4000K - CRI 80 - DALI						
15W	2400	16,7W	1944	WW	QG24	39

22W	3200	24,4W	2673	WW	QG29	39
-----	------	-------	------	----	-------------	----

3000K - CRI 80 - DALI						
-----------------------	--	--	--	--	--	--

15W	2350	16,7W	1904	WW	QG25	39
-----	------	-------	------	----	-------------	----

22W	3200	24,4W	2592	WW	QG30	39
-----	------	-------	------	----	-------------	----

3000K - CRI 90 - DALI						
-----------------------	--	--	--	--	--	--

15W	2000	16,7W	1620	WW	QG26	39
-----	------	-------	------	----	-------------	----

22W	2750	24,4W	2228	WW	QG31	39
-----	------	-------	------	----	-------------	----

4000K - CRI 80 - On/off						
-------------------------	--	--	--	--	--	--

15W	2400	17,3W	1944	WW	QG22	39
-----	------	-------	------	----	-------------	----

22W	3200	24,5W	2673	WW	QG27	39
-----	------	-------	------	----	-------------	----

3000K - CRI 80 - On/off						
-------------------------	--	--	--	--	--	--

15W	2350	17,3W	1904	WW	QG23	39
-----	------	-------	------	----	-------------	----

22W	3200	24,5W	2592	WW	QG28	39
-----	------	-------	------	----	-------------	----

Complete with power supply



source		system		optic	code	colour
W	lm	W	lm			

Ø 212 - Wall washer**LED**

4000K - CRI 80 - DALI						
22W	3450	25,3W	2864	WW	QG34	39

32W	4950	35,1W	4109	WW	QG39	39
-----	------	-------	------	----	-------------	----

3000K - CRI 80 - DALI						
-----------------------	--	--	--	--	--	--

22W	3350	25,3W	2781	WW	QG35	39
-----	------	-------	------	----	-------------	----

32W	4850	35,1W	4026	WW	QG40	39
-----	------	-------	------	----	-------------	----

3000K - CRI 90 - DALI						
-----------------------	--	--	--	--	--	--

22W	2900	25,3W	2407	WW	QG36	39
-----	------	-------	------	----	-------------	----

32W	4150	35,1W	3445	WW	QG41	39
-----	------	-------	------	----	-------------	----

4000K - CRI 80 - On/off						
-------------------------	--	--	--	--	--	--

23W	3600	26,6W	2988	WW	QG32	39
-----	------	-------	------	----	-------------	----

32W	4950	35,9W	4109	WW	QG37	39
-----	------	-------	------	----	-------------	----

3000K - CRI 80 - On/off						
-------------------------	--	--	--	--	--	--

23W	3500	26,6W	2905	WW	QG33	39
-----	------	-------	------	----	-------------	----

32W	4850	35,9W	4026	WW	QG38	39
-----	------	-------	------	----	-------------	----

Complete with power supply

**Mounting accessories**

code	colour
------	--------

Adapter for \varnothing 212 mm holes

PA09	01
	for \varnothing 153 mm



ø 96



ø 153



ø 153
UGR<19



ø 212



ø 212
UGR<19



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NEW

DALI



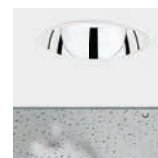
IP20

IP54



- Flush-mount installation on false ceilings 1 to 25 mm using steel springs
- Grey painted die-cast aluminium dissipator
- Reflector in of thermoplastic material, prismatic, complete with luminous flux recovery
- General lighting version

- UGR versions <19 - 3000 cd / m²
- Wiring envisaged: On-Off - DALI inverter for Emergency lighting
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP54 on the visible body of the mount after installation.

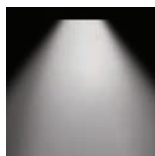


IP54 on visible body

Optics



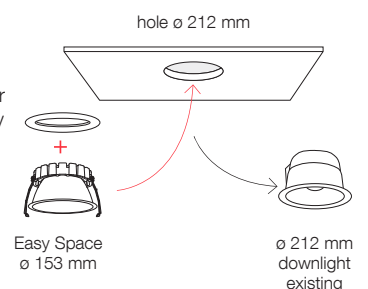
GL



UGR<19

Easy replacement

It is possible to replace downlights with a diameter of 212 mm with an Easy Space model having a diameter of 153 mm by inserting an accessory ring.





D8
WHITE/
TRANSPARENT



83
BLACK/
TRANSPARENT

Finishes



D8. White / transparent



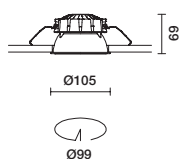
83. Black / transparent

Easy Space uses the Opti Diamond optic designed to optimise lighting balance in the space and thereby enhance perception and ensure visual well-being.



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new
Available from July



source		system			
W	lm	W	lm	optic	code colour
Ø 96 - General light					
LED					
4000K - CRI 80 - DALI					
11W	1850	13,2W	1572	GL	QV77 83-D8
3000K - CRI 80 - DALI					
11W	1800	13,2W	1530	GL	QV78 83-D8
3000K - CRI 90 - DALI					
11W	1550	13,2W	1317	GL	QV79 83-D8
4000K - CRI 80 - On/off					
11W	1850	12,9W	1572	GL	QV75 83-D8
3000K - CRI 80 - On/off					
11W	1800	12,9W	1530	GL	QV76 83-D8

Complete with power supply




D8
WHITE/
TRANSPARENT

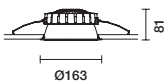



83
BLACK/
TRANSPARENT


new



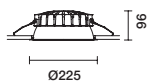

source		system		code	colour
W	lm	W	lm		
Ø 153 - General light					
LED					
4000K - CRI 80 - DALI					
15W	2400	17W	2160	QV84	83-D8
22W	3300	24,5W	2970	QV85	83-D8
3000K - CRI 80 - DALI					
15W	2350	17W	2115	QV86	83-D8
24,5W	24,5	24,5W	24,5	QV87	83-D8
3000K - CRI 90 - DALI					
15W	2000	17W	1800	QV88	83-D8
22W	2750	24,5W	2475	QV89	83-D8
4000K - CRI 80 - On/off					
15W	2400	16,8W	2160	QV80	83-D8
22W	3300	24,3W	2970	QV81	83-D8
3000K - CRI 80 - On/off					
15W	2350	16,8W	2115	QV82	83-D8
22W	3200	24,3W	2880	QV83	83-D8
Complete with power supply					
Ø 153 - General light - emergency light					
LED					
4000K - CRI 80 - DALI					
22W	3300	28,6W	2970	QV90	83-D8
3000K - CRI 80 - DALI					
22W	3200	28,6W	2880	QV91	83-D8
3000K - CRI 90 - DALI					
22W	2750	28,6W	2475	QV92	83-D8
Complete with power supply with inverter					


new



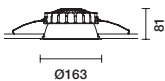

source		system		optic	code	colour
W	lm	W	lm			
Ø 212 - General light						
LED						
4000K - CRI 80 - DALI						
22W	3450	25,3W	3105	GL	QV97	83-D8
32W	4950	36,7W	4455	GL	QV98	83-D8
32W	4950	40,7W	4455	GL	QW04	83-D8
3000K - CRI 80 - DALI						
22W	3350	25,3W	3015	GL	QV99	83-D8
32W	4850	36,7W	4365	GL	QW00	83-D8
32W	4850	40,7W	4365	GL	QW05	83-D8
32W	4150	40,7W	3735	GL	QW06	83-D8
3000K - CRI 90 - DALI						
22W	2900	25,3W	2610	GL	QW01	83-D8
32W	4150	36,7W	3735	GL	QW03	83-D8
4000K - CRI 80 - On/off						
23W	3600	26,3W	3240	GL	QV93	83-D8
32W	4950	36,5W	4455	GL	QV94	83-D8
3000K - CRI 80 - On/off						
23W	3500	26,3W	3150	GL	QV95	83-D8
32W	4850	36,5W	4365	GL	QV96	83-D8
Complete with power supply						


new



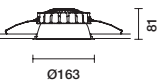

source		system		optic	code	colour
W	lm	W	lm			
Ø 153 - UGR<19						
LED						
4000K - CRI 80 - DALI						
15W	2400	17W	2016	GL	QW11	F6-F8
22W	3300	24,5W	2772	GL	QW12	F6-F8
4000K - CRI 90 - DALI						
15W	2025	16,9W	1710	GL	QW13	F6-F8
22W	2800	24,5W	2351	GL	QW14	F6-F8
3000K - CRI 80 - DALI						
15W	2350	17W	1974	GL	QW15	F6-F8
22W	3200	24,5W	2660	GL	QW16	F6-F8
3000K - CRI 90 - DALI						
15W	2000	17W	1596	GL	QW17	F6-F8
22W	2750	24,5W	2282	GL	QW18	F6-F8
4000K - CRI 80 - On/off						
15W	2400	16,8W	2016	GL	QW07	F6-F8
22W	3300	24,3W	2772	GL	QW08	F6-F8
3000K - CRI 80 - On/off						
15W	2350	16,8W	1974	GL	QW09	F6-F8
22W	3200	24,3W	2660	GL	QW10	F6-F8
Complete with power supply						

new



source		system		optic	code	colour
W	lm	W	lm			
Ø 153 - UGR<19 - emergency light						
LED						
4000K - CRI 80 - DALI						
22W	3300	28,6W	2772	GL	QW19	F6-F8
4000K - CRI 90 - DALI						
22W	2800	28,6W	2351	GL	QW20	F6-F8
3000K - CRI 80 - DALI						
22W	3200	28,6W	2660	GL	QW21	F6-F8
3000K - CRI 90 - DALI						
22W	2750	28,6W	2282	GL	QW22	F6-F8
Complete with power supply with inverter						




D8
WHITE/
TRANSPARENT





83
BLACK/
TRANSPARENT

new




source		system		optic	code	colour
W	lm	W	lm			
Ø 212 - UGR<19						
LED						
4000K - CRI 80 - DALI						
22W	3450	25,3W	2898	GL	QW27	F6-F8
32W	4950	36,7W	4158	GL	QW28	F6-F8
4000K - CRI 90 - DALI						
22W	2900	25,3W	2436	GL	QW29	F6-F8
32W	4200	36,7W	3528	GL	QW30	F6-F8
3000K - CRI 80 - DALI						
22W	3350	25,3W	2814	GL	QW31	F6-F8
32W	4800	36,7W	4032	GL	QW32	F6-F8
3000K - CRI 90 - DALI						
22W	2900	25,3W	2436	GL	QW33	F6-F8
32W	4100	36,7W	3440	GL	QW34	F6-F8
4000K - CRI 80 - On/off						
23W	3600	26,3W	3024	GL	QW23	F6-F8
32W	4950	36,5W	4158	GL	QW24	F6-F8
3000K - CRI 80 - On/off						
23W	3500	26,3W	2940	GL	QW25	F6-F8
32W	4800	36,5W	4032	GL	QW26	F6-F8

Complete with power supply






new



source		system		optic	code	colour
W	lm	W	lm			
Ø 212 - UGR<19 - emergency light						
LED						
4000K - CRI 80 - DALI						
32W	4950	40,7W	4158	GL	QW35	F6-F8
4000K - CRI 90 - DALI						
32W	4200	40,7W	3528	GL	QW36	F6-F8
3000K - CRI 80 - DALI						
32W	4800	40,7W	4032	GL	QW37	F6-F8
3000K - CRI 90 - DALI						
32W	4100	40,7W	3440	GL	QW38	F6-F8

Complete with power supply with inverter

Mounting accessories	code	colour
 Adapter for Ø 212 mm holes	PA09	01 for Ø 153 mm



ø 110



ø 137



ø 205



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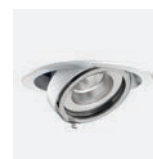
- Flush-mount installation on false ceiling with 1 to 30 mm thickness without requiring tools.
- Made with recyclable materials: aluminium and steel.
- High visual comfort.
- Internal 30° and external 75° orientation; 355° rotation around the vertical axis.

- Monochromatic white light LED versions with warm and neutral shades; passive dissipation with lamellar radiator
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20

- IP23 on the visible body of the mount after installation.

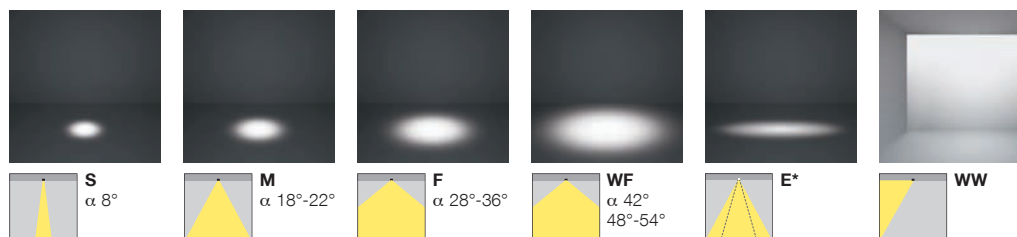


Internal adjustability 45°



External adjustability 75°

Optics



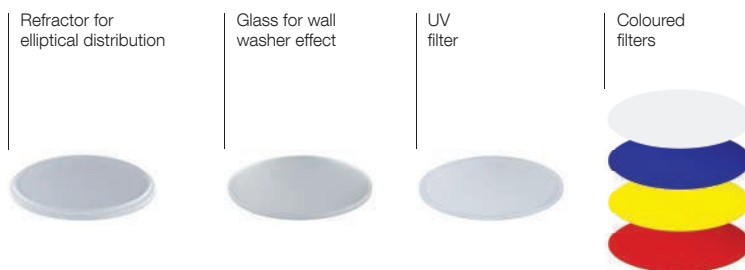
* Elliptical and Wall Washer optics are obtained by installing the specific accessory.



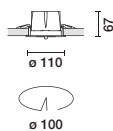
Accessories

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.

The combination of filters allows the chromatic characteristics of the source to be modified in order to enhance illuminated objects or settings.

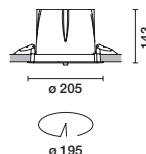


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source		system		optic	code	colour
W	lm	W	lm			
ø 100						
LED						
4000K - CRI 80						
9,6W	1000	13,2W	830	8°	MD77	39
9,6W	1000	13,2W	810	28°	MD78	39
3000K - CRI 80						
11W	1000	13,8W	830	8°	MD79	39
11W	1000	13,8W	810	28°	MD80	39
4000K - CRI 80 - DALI						
9,6W	1000	13,2W	830	8°	MN58	39
9,6W	1000	13,2W	810	28°	MN59	39
3000K - CRI 80 - DALI						
11W	1000	13,8W	830	8°	MN60	39
11W	1000	13,8W	810	28°	MN61	39
3000K - CRI 90 - DALI						
11W	810	13,8W	672	8°	MN62	39
11W	810	13,8W	656	28°	MN63	39

Complete with power supply



source		system		optic	code	colour
W	lm	W	lm			
ø 195						
LED						
4000K - CRI 80						
31W	5000	35,8W	4042	18°	ME27	39
31W	5000	35,8W	4096	36°	ME28	39
31W	5000	35,8W	3948	48°	ME29	39
3000K - CRI 80						
32W	5000	36,8W	4042	18°	ME30	39
32W	5000	36,8W	4096	36°	ME31	39
32W	5000	36,8W	3948	48°	ME32	39
4000K - CRI 80 - DALI						
31W	5000	34,2W	4042	18°	MP07	39
31W	5000	34,2W	4096	36°	MP08	39
31W	5000	34,2W	3948	48°	MP09	39
3000K - CRI 80 - DALI						
32W	5000	35,2W	4042	18°	MP10	39
32W	5000	35,2W	4096	36°	MP11	39
32W	5000	35,2W	3948	48°	MP12	39
3000K - CRI 90 - DALI						
39W	5000	48,6W	4042	18°	MP13	39
39W	5000	48,6W	4096	36°	MP14	39
39W	5000	48,6W	3948	48°	MP15	39

Complete with power supply



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source	system		optic	code	colour
	W	lm			
ø 125					
LED					
4000K - CRI 80					
12W	2000	15,4W 1540	18°	MM31	39
21W	3000	24,7W 2310	18°	Q179	39
12W	2000	15,4W 1580	22°	MD91	39
21W	3000	24,7W 2370	22°	Q180	39
12W	2000	15,4W 1578	42°	MD92	39
21W	3000	24,7W 2367	42°	Q181	39
12W	2000	15,4W 1559	54°	MD93	39
21W	3000	24,7W 2338	54°	Q182	39
3000K - CRI 80					
13W	2000	15,9W 1540	18°	MM32	39
22W	3000	25,5W 2310	18°	Q183	39
13W	2000	15,9W 1580	22°	MD94	39
22W	3000	25,5W 2370	22°	Q184	39
13W	2000	15,9W 1578	42°	MD95	39
22W	3000	25,5W 2367	42°	Q185	39
13W	2000	15,9W 1559	54°	MD96	39
22W	3000	25,5W 2338	54°	Q186	39
4000K - CRI 80 - DALI					
12W	2000	15,1W 1540	18°	MN70	39
21W	3000	23,8W 2310	18°	Q187	39
12W	2000	15,1W 1580	22°	MN71	39
21W	3000	23,8W 2370	22°	Q188	39
12W	2000	15,1W 1578	42°	MN72	39
21W	3000	23,8W 2367	42°	Q189	39
12W	2000	15,1W 1559	54°	MN73	39
21W	3000	23,8W 2338	54°	Q190	39

Complete with power supply

source	system		optic	code	colour
	W	lm			
ø 125					
LED					
3000K - CRI 80 - DALI					
13W	2000	15,5W 1540	18°	MN74	39
22W	3000	24,6W 2310	18°	Q191	39
13W	2000	15,5W 1580	22°	MN75	39
22W	3000	24,6W 2370	22°	Q192	39
13W	2000	15,5W 1578	42°	MN76	39
22W	3000	24,6W 2367	42°	Q193	39
13W	2000	15,5W 1559	54°	MN77	39
22W	3000	24,6W 2338	54°	Q194	39
3000K - CRI 90 - DALI					
16W	2000	18,3W 1540	18°	MN78	39
21W	2500	23,8W 1925	18°	Q195	39
16W	2000	18,3W 1580	22°	MN79	39
21W	2500	23,8W 1975	22°	Q196	39
16W	2000	18,3W 1578	42°	MN80	39
21W	2500	23,8W 1973	42°	Q197	39
16W	2000	18,3W 1559	54°	MN81	39
21W	2500	23,8W 1948	54°	Q198	39

Complete with power supply

Optical accessories	code		colour	
	code	colour	code	colour
UV filter	4497	24	MX61	24
Refractor for elliptical distribution	1191	24	9539	24
Coloured filters	4491	05-06-09	---	---
	4491	24		
	4491	65		
Wall washer effect glass	MXG6	65	MX60	65-B7

The Hawkhead Centre - Paisley, Scotland, United Kingdom

Architectural Project: Page\Park
 Lighting project: Atelier Tenn
 Engineering: Jacobs
 Landscape Architecture: Ian White Associates
 Photo: Keith Hunter





ø 137



ø 205

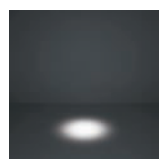


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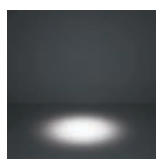


- Flush-mount installation on false ceilings with 1 to 25 mm thickness.
- Body in die-cast aluminium and thermoplastic material.
- Dual adjustability: internal (40°) and external (65°) with respect to horizontal plane with continuous friction 355° rotation around the vertical axis.
- Versions with reflector ensuring high lighting efficiency.
- LED versions ensuring high chromatic yield index >90.
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP23 on the visible body of the mount after installation.

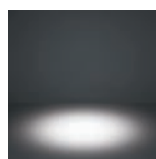
Optics



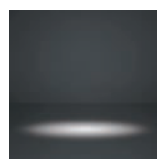
M
α 18°



F
α 36°



WF
α 42°-54°



E*

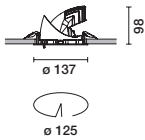


WW*

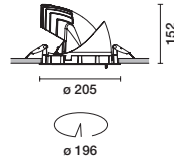
* Elliptical and Wall Washer optics are obtained by installing the specific accessory.



01
WHITE



source		system			
W	lm	W	lm	optic	code colour
ø 125					
LED					
4000K - CRI 80					
12W	2000	15,4W	1540	18°	N375 01
21W	3000	24,4W	2310	18°	Q232 01
12W	2000	15,4W	1578	42°	N376 01
21W	3000	24,4W	2367	42°	Q233 01
12W	2000	15,4W	1559	54°	N377 01
21W	3000	24,4W	2338	54°	Q234 01
3000K - CRI 80					
13W	2000	15,8W	1540	18°	MU39 01
21W	3000	25,2W	2310	18°	Q235 01
13W	2000	15,8W	1578	42°	MU40 01
21W	3000	25,2W	2367	42°	Q236 01
13W	2000	15,8W	1559	54°	MU41 01
21W	3000	25,2W	2338	54°	Q237 01
4000K - CRI 80 - DALI					
12W	2000	15,3W	1540	18°	N378 01
21W	3000	24,1W	2310	18°	Q241 01
12W	2000	15,3W	1578	42°	N379 01
21W	3000	24,1W	2367	42°	Q242 01
12W	2000	15,3W	1559	54°	N380 01
21W	3000	24,1W	2338	54°	Q243 01
3000K - CRI 80 - DALI					
13W	2000	15,7W	1540	18°	MU45 01
21W	3000	24,9W	2310	18°	Q244 01
13W	2000	15,7W	1578	42°	MU46 01
21W	3000	24,9W	2367	42°	Q245 01
13W	2000	15,7W	1559	54°	MU47 01
21W	3000	24,9W	2338	54°	Q246 01
Complete with power supply 3000K CRI90 versions on request					



source		system			
W	lm	W	lm	optic	code colour
ø 196					
LED					
4000K - CRI 80					
31W	5000	35,8W	4042	18°	N387 01
31W	5000	35,8W	4096	36°	N388 01
31W	5000	35,8W	3946	48°	N389 01
3000K - CRI 80					
32W	5000	36,8W	4042	18°	MU63 01
32W	5000	36,8W	4096	36°	MU64 01
32W	5000	36,8W	3946	48°	MU65 01
4000K - CRI 80 - DALI					
31W	5000	39W	4042	18°	N390 01
31W	5000	39W	4096	36°	N391 01
31W	5000	39W	3946	48°	N392 01
3000K - CRI 80 - DALI					
32W	5000	40,3W	4042	18°	MU69 01
32W	5000	40,3W	4096	36°	MU70 01
32W	5000	40,3W	3946	48°	MU71 01
Complete with power supply 3000K CRI90 versions on request					



Optical accessories



Refractor for elliptical distribution

code	colour	code	colour
1191	24	9539	24

Wall washer effect glass

MXG6	65	MX60	65-B7
-------------	----	-------------	-------

Fixed Laser Frame / Minimal

page 214



Fixed Laser Frame / Minimal

page 214



S
α 14°



M
α 22°-
24°-25°



F
α 26°



WF
α 40°-42°-
44°-46°-56°-
53°/56°



M
α 24°



F
α 26°



WF
α 40°-42°-
44°

Comfort

Super Comfort

Super Comfort

ø 75



ø 59



ø 38

NEW



ø 25



ø 17



Adjustable Laser
Frame / Minimal

page 222



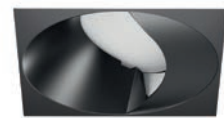
Laser Wall Washer
Frame / Minimal

page 228



Laser Wall Washer
Frame / Minimal

page 228



M
 α 16°



F
 α 24°-26°



WF
 α 40°-
42°-44°



WW



WW

Comfort

Super Comfort





ø 17
Super Comfort



ø 25
Super Comfort



ø 38
Comfort



ø 59
Super Comfort



ø 75
Super Comfort



ø 59
Super Comfort



ø 75
Super Comfort



ø 59
Comfort

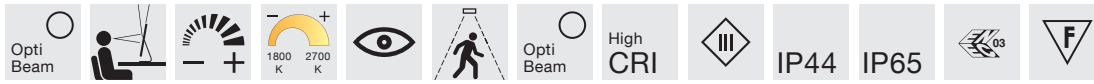


ø 75
Comfort





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- Flush-mount installation on false ceilings of thickness 12.5 to 25 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using steel wire springs.
- Frame and heat sink in die-cast aluminium.
- Reflector in metallic-finish thermoplastic material with scratch protection for excellent lighting efficiency and visual comfort.
- Controlled luminance emissions, UGR<13 comfort and UGR<10 super comfort versions.
- Available with on-off wiring and dimmable versions.
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP44 on the visible body of the mount after installation.

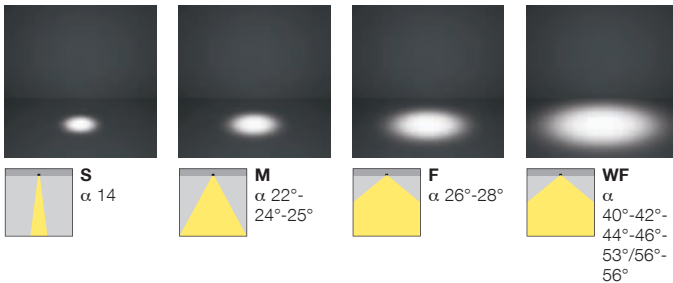


Compact dimensions



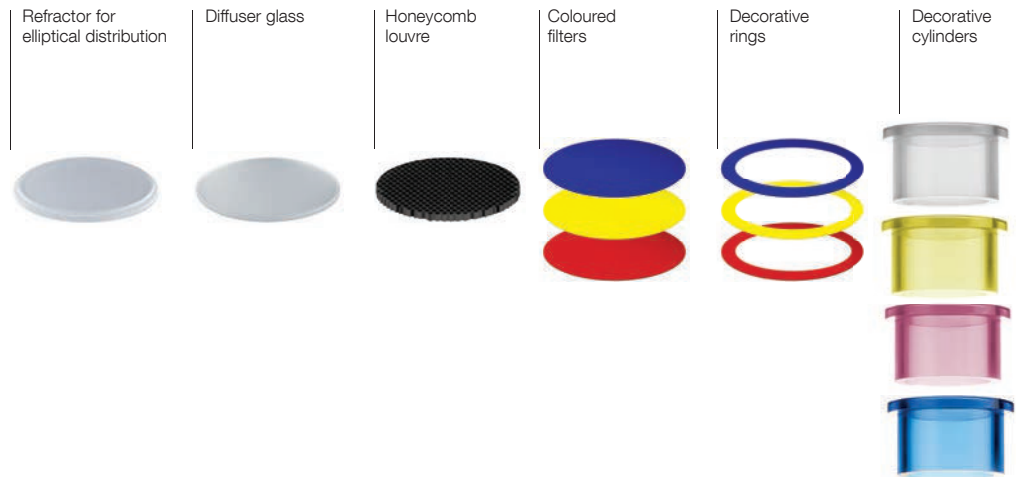
IP65 version

Optics



Accessories

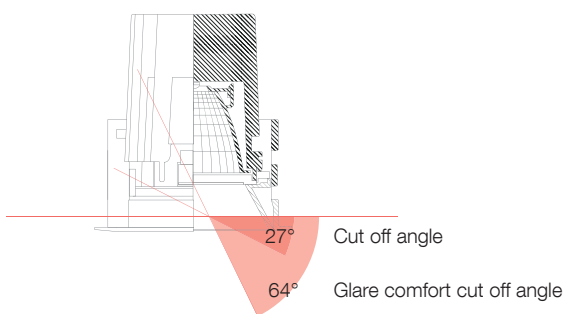
The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects. The combination of filters allows the chromatic characteristics of the source to be modified in order to enhance illuminated objects or settings.



Visual comfort UGR<13

Light must be agreeable and never aggressive. The new Laser optics achieve UGR<13, a much lower value

than the limits recommended by the standards to avoid glare.



Warm dimming

Halogen functionality with LED technology. When luminous intensity drops to 5%, colour temperature

warms up slowly from 2700K to 1800K using only one control channel.



Laser fixed



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new

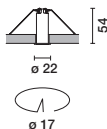
Available from September

* available on request



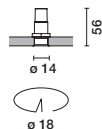
source		system			
W	lm	W	lm	optic	code colour
Frame version - ø17 - Super Comfort					
LED					
4000K - CRI 80					
1,4W	180	1,4W	103	14°	P303 01-43-47
2700K - CRI 90					
1,4W	130	1,4W	74	14°	P304 01-43-47

Power supply to be ordered separately



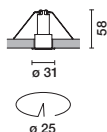
source		system			
W	lm	W	lm	optic	code colour
Minimal version - ø17 - Super Comfort					
LED					
4000K - CRI 80					
1,4W	180	1,4W	103	14°	P305 01-04
2700K - CRI 90					
1,4W	130	1,4W	74	14°	P306 01-04

Power supply to be ordered separately



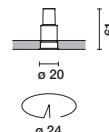
source		system			
W	lm	W	lm	optic	code colour
Frame version - ø25 - Super Comfort					
LED					
4000K - CRI 80					
2W	240	2W	154	14°	P307 01-43-47
2700K - CRI 90					
2W	170	2W	109	14°	P309 01-43-47

Power supply to be ordered separately



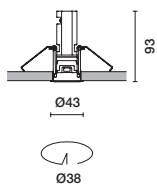
source		system			
W	lm	W	lm	optic	code colour
Minimal version - ø25 - Super Comfort					
LED					
4000K - CRI 80					
2W	240	2W	154	14°	P311 01-04
2700K - CRI 90					
2W	170	2W	109	14°	P313 01-04

Power supply to be ordered separately



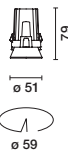
source		system			
W	lm	W	lm	optic	code colour
Frame version - ø38 - Comfort					
LED					
4000K - CRI 90					
-	430	-	-	25°	QY54 01-43-47
10W	430	-	-	42°	QY55 01-43-47
3000K - CRI 90					
10W	430	-	-	25°	QY52 01-43-47
10W	430	-	-	42°	QY53 01-43-47
2700K - CRI 90					
-	430	-	-	25°	QY50 01-43-47
10W	430	-	-	42°	QY51 01-43-47

Power supply to be ordered separately



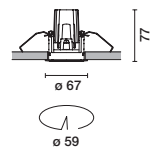
source		system			
W	lm	W	lm	optic	code colour
Minimal version - ø59 - Super Comfort					
LED					
3000K - CRI 90					
7,5W	750	7,5W	578	24°	QA48 01-04
7,5W	750	7,5W	570	40°	QA49 01-04
2700K - CRI 90					
7,5W	710	7,5W	547	24°	QA46 01-04
7,5W	710	7,5W	540	40°	QA47 01-04

Power supply to be ordered separately
To install minimal products a QA80 flange is required



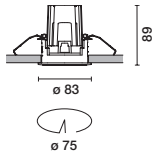
source		system			
W	lm	W	lm	optic	code colour
Frame version - ø59 - Super Comfort					
LED					
3000K - CRI 90					
7,5W	750	7,5W	578	24°	P321 01-43-47
7,5W	750	7,5W	570	40°	P322 01-43-47
2700K - CRI 90					
7,5W	710	7,5W	547	24°	P319 01-43-47
7,5W	710	7,5W	540	40°	P320 01-43-47

Power supply to be ordered separately





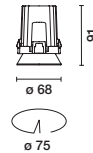
source		system		optic	code	colour
W	lm	W	lm			
Frame version - ø75 - Super Comfort						
LED						
3000K - CRI 90						
10W	1200	10W	910	26°	P350	01-43-47
10W	1200	10W	947	44°	P351	01-43-47
10W	1200	10W	960	56°	Q810	01-43-47
2700K - CRI 90						
10W	1150	10W	873	26°	P348	01-43-47
10W	1150	10W	907	44°	P349	01-43-47
10W	1150	10W	920	56°	Q809	01-43-47
Warm Dimming - CRI 90						
10W	650	10W	540	28°	P352	01-43-47
10W	650	10W	540	46°	P353	01-43-47
10W	640	10W	538	53° / 56°	Q811	01-43-47



Warm dimming: 1800K-2700K.
Power supply to be ordered separately.
The power supply with code MY19 must be ordered separately for Warm dimming versions.



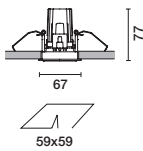
source		system		optic	code	colour
W	lm	W	lm			
Minimal version - ø75 - Super Comfort						
LED						
3000K - CRI 90						
10W	1200	10W	910	26°	QA57	01-04
10W	1200	10W	947	44°	QA58	01-04
10W	1200	10W	960	56°	QA59	01-04
2700K - CRI 90						
10W	1150	10W	873	26°	QA54	01-04
10W	1150	10W	907	44°	QA55	01-04
10W	1150	10W	920	56°	QA56	01-04
Warm Dimming - CRI 90						
10W	650	10W	540	28°	QA60	01-04
10W	650	10W	540	46°	QA61	01-04
10W	640	10W	538	53° / 56°	QA62	01-04



Power supply to be ordered separately.
The power supply with code MY19 must be ordered separately for Warm dimming versions.
To install minimal products a QA82 flange is required.



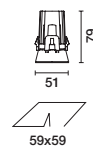
source		system		optic	code	colour
W	lm	W	lm			
Frame version - 59x59 - Super Comfort						
LED						
3000K - CRI 90						
7,4W	750	7,4W	435	24°	P335	01-43-47
7,4W	750	7,4W	449	42°	P336	01-43-47
2700K - CRI 90						
7,4W	710	7,4W	412	24°	P333	01-43-47
7,4W	710	7,4W	425	42°	P334	01-43-47



Power supply to be ordered separately



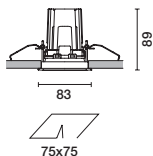
source		system		optic	code	colour
W	lm	W	lm			
Minimal version - 59x59 - Super Comfort						
LED						
3000K - CRI 90						
7,4W	750	7,4W	435	24°	QA52	01-04
7,4W	750	7,4W	449	42°	QA53	01-04
2700K - CRI 90						
7,4W	710	7,4W	412	24°	QA50	01-04
7,4W	710	7,4W	425	42°	QA51	01-04



Power supply to be ordered separately
To install minimal products a QA81 flange is required



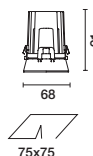
source		system		optic	code	colour
W	lm	W	lm			
Frame version - 75x75 - Super Comfort						
LED						
3000K - CRI 90						
10W	1200	10W	708	28°	P389	01-43-47
10W	1200	10W	803	42°	P390	01-43-47
10W	1200	10W	972	56°	Q816	01-43-47
2700K - CRI 90						
10W	1150	10W	679	28°	P387	01-43-47
10W	1150	10W	770	42°	P388	01-43-47
10W	1150	10W	932	56°	Q815	01-43-47



Power supply to be ordered separately



source		system		optic	code	colour
W	lm	W	lm			
Minimal version - 75x75 - Super Comfort						
LED						
3000K - CRI 90						
10W	1200	10W	708	28°	QA75	01-04
10W	1200	10W	803	42°	QA76	01-04
10W	1200	10W	972	56°	QA77	01-04
2700K - CRI 90						
10W	1150	10W	679	28°	QA72	01-04
10W	1150	10W	770	42°	QA73	01-04
10W	1150	10W	932	56°	QA74	01-04



Power supply to be ordered separately
To install minimal products a QA83 flange is required

For Warm dimming versions, use the power supply unit code MY19 to be ordered separately.

Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

For missing watt and lumens values consult iguzzini.com - Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

Laser fixed

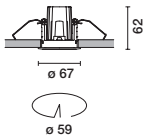


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* available on request



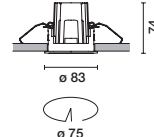
source		system		optic	code	colour
W	lm	W	lm			
Frame version - ø59 - Comfort						
LED						
3000K - CRI 90						
7,5W	750	7,5W	593	22°	P317	01-43-47
7,5W	750	7,5W	578	40°	P318	01-43-47
2700K - CRI 90						
7,5W	710	7,5W	561	22°	P315	01-43-47
7,5W	710	7,5W	547	40°	P316	01-43-47



Power supply to be ordered separately



source		system		optic	code	colour
W	lm	W	lm			
Frame version - ø75 - Comfort						
LED						
3000K - CRI 90						
10W	1200	10W	946	26°	P344	01-43-47
10W	1200	10W	971	46°	P345	01-43-47
10W	1200	10W	972	56°	Q807	01-43-47
2700K - CRI 90						
10W	1150	10W	907	26°	P341	01-43-47
10W	1150	10W	930	46°	P342	01-43-47
10W	1150	10W	930	46°	P343	01-43-47
10W	1150	10W	932	56°	Q806	01-43-47



Warm Dimming - CRI 90						
10W	650	10W	546	30°	P346	01-43-47
10W	650	10W	566	44°	P347	01-43-47
10W	640	10W	550	58°	Q808	01-43-47






















P343: IP65
Power supply to be ordered separately.
The power supply with code MY19 must be ordered separately for Warm dimming versions.

For Warm dimming versions, use the power supply unit code MY19 to be ordered separately.















Decorative accessories	code	colour	code	colour	code	colour	code	colour		
Decorative rings	---	---	---	---	MY26	05-06-16	MY15	05-06-16	MY26	05-06-16
Decorative cylinders	---	---	---	---	---	---	MY17	05-06-16-24	MY28	05-06-16-24
Optical accessories	code	colour	code	colour	code	colour	code	colour		
Honeycomb louvre	---	---	---	---	MY22	04	MY11	04	MY22	04
diffuser glass	---	---	---	---	MY23	65	MY12	65	MY23	65
Refractor for elliptical distribution	---	---	---	---	---	---	MY13	24	---	---
medium	---	---	---	---	MY24	24	---	---	MY24	24
Coloured filters	---	---	---	---	MY25	05-06-16	MY14	05-06-16	MY25	05-06-16

Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

					
Mounting accessories	code colour	code colour	code colour	code colour	code colour
 Minimal square flange	--- ---	--- ---	--- ---	QA81 01 For recessed 59x59 mm version	QA83 01 For recessed 75x75 mm version
 Minimal circular flange	--- ---	--- ---	--- ---	QA80 01 For recessed ø 59 mm version	QA82 01 For recessed ø 75 mm version
 Minimal circular flange	--- ---	--- ---	--- ---	PA21 01 For recessed ø 59 mm version	PA22 01 For recessed ø 75 mm version
					
Power supply	code colour	code colour	code colour	code colour	code colour
 Constant current power supply unit non dimmable IP20 15W VIN = 220-240VAC 50/60Hz ø59	--- ---	--- ---	--- ---	MY10 00	--- ---
 Constant current power supply unit non dimmable IP20 17W	--- ---	MXF9 00	--- ---	--- ---	--- ---
 Constant current power supply unit non dimmable IP20 20W VIN = 110-240VAC 50/60Hz	PA70 00	PA76 00	MY37 00 PA85 00	--- ---	MY37 00 PA85 00
VIN = 110-240VAC 50/60Hz ø17	MY03 00	--- ---	--- ---	--- ---	--- ---
 Constant current power supply unit 1-10V IP20 14.5W VIN = 220-240VAC 50/60Hz ø59	--- ---	--- ---	--- ---	MY07 00	--- ---
 Constant current power supply unit 1-10V IP20 16W VIN = 220-240VAC 50/60Hz ø75	--- ---	--- ---	MY18 00	--- ---	MY18 00
 Constant current power supply unit 1-10V IP20 35W VIN = 110-240VAC 50/60Hz ø17	MY04 00	--- ---	--- ---	--- ---	--- ---
 Constant current power supply unit 1-10V IP20 50W VIN = 110-240VAC 50/60Hz ø25	--- ---	MY83 00	--- ---	--- ---	--- ---
 Constant current power supply unit DALI IP20 12W VIN = 110-240VAC 50/60Hz	--- ---	--- ---	--- ---	PA81 00	--- ---
VIN = 220-240VAC 50/60Hz ø59	--- ---	--- ---	--- ---	MY08 00	--- ---

Laser fixed

					
Power supply	code colour	code colour	code colour	code colour	code colour
 Constant current power supply unit DALI IP20 20W VIN = 110-240VAC 50/60Hz	---	---	PA83 00	---	PA83 00
VIN = 220-240VAC 50/60Hz 075	---	---	MY19 00	---	MY19 00
 Constant current power supply unit DALI IP20 35W VIN = 110-240VAC 50/60Hz 017	MY05 00 PA72 00	---	---	---	---
 Constant current power supply unit DALI IP20 50W VIN = 220-240VAC 50/60Hz Iout = 350÷1050mA dimensions: 125x80x22	---	PA77 00 BZM4 00	---	---	---
 Constant current power supply unit IGBT + TRIAC IP20 10W VIN = 220-240VAC 50/60Hz 059	---	---	---	MY09 00	---
 Constant current power supply unit IGBT + TRIAC IP20 12W VIN = 220-240VAC 50/60Hz 075	---	---	MY20 00	---	MY20 00
 Constant current power supply unit IGBT + TRIAC IP20 14W VIN = 110-240VAC 50/60Hz 025	---	MY84 00	---	---	---
 Constant current power supply unit IGBT + TRIAC IP20 15W VIN = 110-240VAC 50/60Hz 017	MY06 00	---	---	---	---
 Constant current power supply unit DALI IP20 10W VIN = 110-240VAC 50/60Hz	---	---	---	PA79 00	---
 Emergency kit	---	---	MY21 00	MY36 00	MY21 00

For the number of products that can be connected, refer to the instruction sheet





ø 38
Comfort



ø 59
Comfort



ø 75
Comfort



ø 75
Super Comfort



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- Flush-mount installation on false ceilings of thickness 12.5 to 25 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using steel wire springs.
- Frame and heat sink in die-cast aluminium.
- Reflector in metallic-finish thermoplastic material with scratch protection for excellent lighting

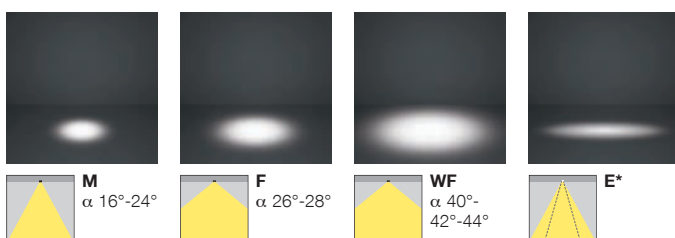
- efficiency and visual comfort.
- Controlled luminance emissions, UGR <13 comfort and UGR<10 super comfort versions.
- "Tilting" versions adjustable by +/- 30° on the horizontal plane and versions with dual orientation (+/- 30° horizontal plane and 358° around the vertical axis).
- Available with on-off wiring and dimmable versions.

- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP23 on the visible body of the mount after installation.



Antiglare screen

Optics



* Elliptical optics are obtained by installing the specific accessory.



* available on request

Accessories

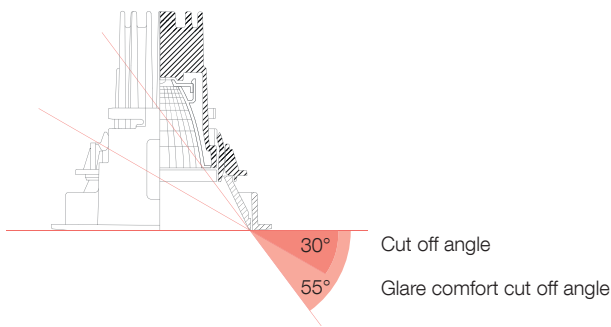
The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects. The combination of filters allows the chromatic characteristics of the source to be modified in order to enhance illuminated objects or settings.



Visual comfort UGR<13

Light must be agreeable and never aggressive. The new Laser optics achieve UGR<13, a much lower value

than the limits recommended by the standards to avoid glare.



Warm dimming

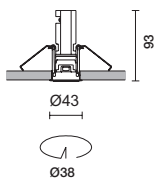
Halogen functionality with LED technology. When luminous intensity drops to 5%, colour temperature

warms up slowly from 2700K to 1800K using only one control channel.



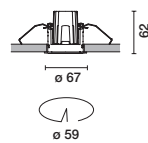
iguzzini.com 🔍 code finder / 📄 download design files / ☆ save and organize favorites

new
Available from September



source		system		optic	code	colour
W	lm	W	lm			
Frame version - Ø38 - Comfort - adjustable ±30°						
LED						
4000K - CRI 90						
-	430	-	-	24°	QY60	01-43-47
-	430	-	-	40°	QY61	01-43-47
3000K - CRI 90						
-	430	-	-	24°	QY58	01-43-47
-	430	-	-	40°	QY59	01-43-47
2700K - CRI 90						
-	430	-	-	24°	QY56	01-43-47
-	430	-	-	40°	QY57	01-43-47

Power supply to be ordered separately



source		system		optic	code	colour
W	lm	W	lm			
Frame version - Ø59 - Comfort - adjustable ±30°						
LED						
3000K - CRI 90						
7,5W	750	7,5W	524	16°	P326	01-43-47
7,5W	750	7,5W	517	24°	P327	01-43-47
7,5W	750	7,5W	525	42°	P328	01-43-47
2700K - CRI 90						
7,5W	710	7,5W	496	16°	P323	01-43-47
7,5W	710	7,5W	489	24°	P324	01-43-47
7,5W	710	7,5W	497	42°	P325	01-43-47

Finish 47 is supplied with anti-glare ring.
Power supply to be ordered separately

Laser adjustable



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* available on request



source		system		optic	code colour
W	lm	W	lm		

Frame version - ø75 - Comfort - adjustable ±30°

LED

3000K - CRI 90

10W	1200	10W	911	16°	P357 01-43-47
10W	1200	10W	934	26°	P358 01-43-47
10W	1200	10W	947	44°	P359 01-43-47

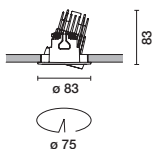
2700K - CRI 90

10W	1150	10W	873	16°	P354 01-43-47
10W	1150	10W	896	26°	P355 01-43-47
10W	1150	10W	907	44°	P356 01-43-47

Warm Dimming - CRI 90

10W	650	10W	507	20°	P360 01-43-47
10W	650	10W	546	28°	P361 01-43-47
10W	650	10W	552	46°	P362 01-43-47

The power supply with code MY19 must be ordered separately for Warm dimming versions.
Finish 47 is supplied with anti-glare ring.
Power supply to be ordered separately.



source		system		optic	code colour
W	lm	W	lm		

Frame version - ø75 - Super Comfort - double adjust-ability

LED

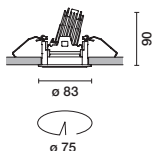
3000K - CRI 90

7,5W	750	7,5W	480	16°	P366 01-43-47
7,5W	750	7,5W	539	24°	P367 01-43-47
7,5W	750	7,5W	524	42°	P368 01-43-47

2700K - CRI 90

7,5W	710	7,5W	454	16°	P363 01-43-47
7,5W	710	7,5W	510	24°	P364 01-43-47
7,5W	710	7,5W	496	42°	P365 01-43-47

Power supply to be ordered separately



source		system		optic	code colour
W	lm	W	lm		

Minimal version - ø75 - Super Comfort - double adjust-ability

LED

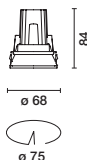
3000K - CRI 90

7,5W	750	7,5W	480	16°	QA66 01-04
7,5W	750	7,5W	539	24°	QA67 01-04
7,5W	750	7,5W	524	42°	QA68 01-04

2700K - CRI 90

7,5W	710	7,5W	454	16°	QA63 01-04
7,5W	710	7,5W	510	24°	QA64 01-04
7,5W	710	7,5W	496	42°	QA65 01-04










Power supply to be ordered separately
To install minimal products a QC68 flange is required












Mounting accessories	code	colour	code	colour
Minimal circular flange	---	---	QC68 01	---
			For recessed ø 75 mm version	
Minimal circular flange	---	---	PA23 01	---
			For recessed ø 75 mm version	
Decorative accessories	code	colour	code	colour
Decorative rings	---	---	MY15 05-06-16	MY26 05-06-16









Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

	 ø38	 59	 75 Super Comfort	 75
Optical accessories	code colour	code colour	code colour	code colour
 Honeycomb louvre	MY11 04	MY11 04	MY11 04	MY22 04
 Internal anti-glare ring				
for orientable versions ±30	MY16 04	MY16 04	MY16 04	MY27 04
 diffuser glass	MY12 65	MY12 65	MY12 65	MY23 65
 Refractor for elliptical distribution	MY13 24	MY13 24	MY13 24	--- ---
medium	--- ---	--- ---	--- ---	MY24 24
 Coloured filters	MY14 05-06-16	MY14 05-06-16	MY14 05-06-16	MY25 05-06-16

	 ø38	 59	 75 Super Comfort	 75
Power supply	code colour	code colour	code colour	code colour
 Constant current power supply unit non dimmable IP20 15W				
VIN = 220-240VAC 50/60Hz Ø59	MY10 00	MY10 00	MY10 00	--- ---
 Constant current power supply unit non dimmable IP20 20W				
VIN = 110-240VAC 50/60Hz	--- ---	--- ---	--- ---	PA85 00 MY37 00
 Constant current power supply unit 1-10V IP20 14.5W				
VIN = 220-240VAC 50/60Hz Ø59	MY07 00	MY07 00	MY07 00	--- ---
 Constant current power supply unit 1-10V IP20 16W				
VIN = 220-240VAC 50/60Hz Ø75	--- ---	--- ---	--- ---	MY18 00
 Constant current power supply unit DALI IP20 12W				
VIN = 110-240VAC 50/60Hz	PA81 00	PA81 00	PA81 00	--- ---
VIN = 220-240VAC 50/60Hz Ø59	MY08 00	MY08 00	MY08 00	--- ---

Laser adjustable

	 ø38		 59		 75 Super Comfort		 75	
Power supply	code	colour	code	colour	code	colour	code	colour
 Constant current power supply unit DALI IP20 20W VIN = 110-240VAC 50/60Hz	---	---	---	---	---	---	PA83	00
VIN = 220-240VAC 50/60Hz Ø75	---	---	---	---	---	---	MY19	00
 Constant current power supply unit IGBT + TRIAC IP20 10W VIN = 220-240VAC 50/60Hz Ø59	MY09	00	MY09	00	MY09	00	---	---
 Constant current power supply unit IGBT + TRIAC IP20 12W VIN = 220-240VAC 50/60Hz Ø75	---	---	---	---	---	---	MY20	00
 Constant current power supply unit DALI IP20 10W VIN = 110-240VAC 50/60Hz	PA79	00	PA79	00	PA79	00	---	---
Emergency kit	MY36	00	MY36	00	MY36	00	MY21	00

For the number of products that can be connected, refer to the instruction sheet

The Retreat at Blue Lagoon - Grindavík, Iceland
 Architectural Project: Basalt Architects
 Interior design: Basalt Architects & Design Group Italia
 Experience design: Design Group Italia
 Lighting project: Liska / Photo: Gunnar Sverrisson



Laser

Wall Washer



ø 38
Comfort



ø 75
Comfort



ø 75
Comfort



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- Flush-mount installation on false ceilings of thickness 12.5 to 25 mm for Minimal versions (without perimeter flap) or 1 to 25 mm for Frame versions (with flap) using steel wire springs.
- Body and heat sink in die-cast aluminium.
- Reflector in metallic-finished thermoplastic material with scratch protection.
- Specialist optical system designed to achieve effective wall washer distribution on the wall.
- Available with dimmable wiring.
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP43 on the visible body of the mount after installation.

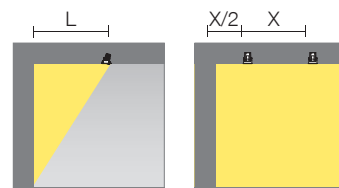
Optics

The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.



Correct installation distances to achieve uniform lighting of the walls.

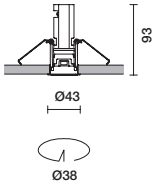
L= 0.8 m
X= 1 m
X/2= 0.5 m





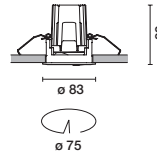
source		system		optic	code	colour
W	lm	W	lm			
Frame version - ø38 - Super Comfort						
LED						
4000K - CRI 90						
10W	430	-	-	WW	QY64	01-43-47
3000K - CRI 90						
10W	430	-	-	WW	QY63	01-43-47
2700K - CRI 90						
10W	430	-	-	WW	QY62	01-43-47

Power supply to be ordered separately



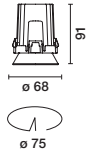
source		system		optic	code	colour
W	lm	W	lm			
Frame version - ø75						
LED						
3000K - CRI 90						
10W	1200	10W	672	WW	P370	01-43-47
2700K - CRI 90						
10W	1150	10W	644	WW	P369	01-43-47
Warm Dimming - CRI 90						
10W	620	10W	366	WW	P371	01-43-47

The power supply with code MY19 must be ordered separately for Warm dimming versions.
Power supply to be ordered separately.



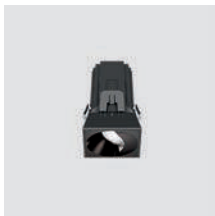
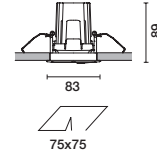
source		system		optic	code	colour
W	lm	W	lm			
Minimal version - ø75						
LED						
3000K - CRI 90						
10W	1200	10W	672	WW	QA70	01-04
2700K - CRI 90						
10W	1150	10W	644	WW	QA69	01-04
Warm Dimming - CRI 90						
10W	620	10W	366	WW	QA71	01-04

The power supply with code MY19 must be ordered separately for Warm dimming versions.
Power supply to be ordered separately.
To install minimal products a QA82 flange is required.



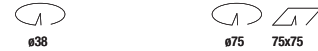
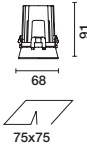
source		system		optic	code	colour
W	lm	W	lm			
Frame version - 75x75						
LED						
3000K - CRI 90						
10W	1200	10W	672	WW	P392	01-43-47
2700K - CRI 90						
10W	1150	10W	644	WW	P391	01-43-47

Power supply to be ordered separately



source		system		optic	code	colour
W	lm	W	lm			
Minimal version - 75x75						
LED						
3000K - CRI 90						
10W	1200	10W	672	WW	QA79	01-04
2700K - CRI 90						
10W	1150	10W	644	WW	QA78	01-04

Power supply to be ordered separately.
To install minimal products a QA83 flange is required.



Power supply	code		colour	
	code	colour	code	colour
Constant current power supply unit non dimmable IP20 20W VIN = 110-240VAC 50/60Hz	MY37	00	MY37	00
	PA85	00	PA85	00
Constant current power supply unit 1-10V IP20 16W VIN = 220-240VAC 50/60Hz Ø75	MY18	00	MY18	00
Constant current power supply unit DALI IP20 20W VIN = 110-240VAC 50/60Hz	PA83	00	PA83	00
Constant current power supply unit IGBT + TRIAC IP20 12W VIN = 220-240VAC 50/60Hz Ø75	MY19	00	MY19	00
Constant current power supply unit IGBT + TRIAC IP20 12W VIN = 220-240VAC 50/60Hz Ø75	MY20	00	MY20	00
Emergency kit	MY21	00	MY21	00

Mounting accessories	code	colour	code	colour
Minimal square flange	---	---	QA83	01 For recessed 75x75 mm version
Minimal circular flange	---	---	QA82	01 For recessed ø 75 mm version
Minimal circular flange	---	---	PA22	01 For recessed ø 75 mm version

Deep Frame



180x180



339x180



499x180



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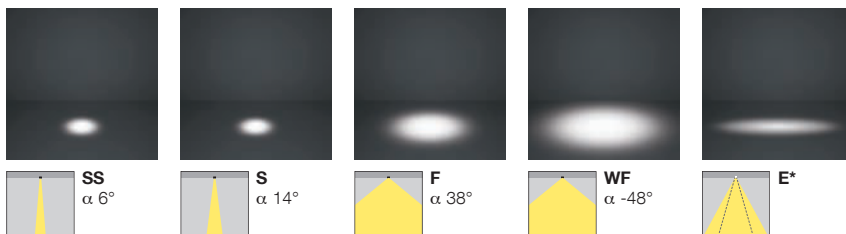
- Flush-mount installation on false ceilings of thickness 12.5 mm for Deep Minimal (without perimeter flap) or 1 to 30 mm for Deep Frame (with flap) using specific springs.
- Optical units in die-cast aluminium, metal perimeter flap, painted sheet steel lamp holder.
- High yield LED versions with monochromatic warm white and neutral white emission shades;

- Complete with DALI power supply.
- Installation without tools.
- The minimum installation space dimensions are listed in the online instruction catalogue.
- IP20
- IP23 on the visible body of the mount after installation.



Opti Beam Lens
(Superspot optics)

Optics



* Elliptical optics are obtained by installing the specific accessory.

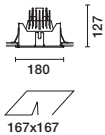
01
WHITE74
GREY/BLACK

source		system		optic	code	colour
W	lm	W	lm			

Frame version - 167x167**LED**

3000K - CRI 90						
9,1W	710	11,6W	405	6°	P915	01-74
31W	3000	34,2W	2130	14°	P916	01-74
27W	3100	30,8W	2477	38°	P917	01-74
27W	3100	30,8W	2354	48°	P918	01-74

3000K - CRI 90 - DALI						
9,1W	710	12,4W	405	6°	P919	01-74
31W	3000	35,9W	2130	14°	P920	01-74
27W	3100	32,2W	2477	38°	P921	01-74
27W	3100	32,2W	2354	48°	P922	01-74

Complete with power supply
P915, P919: Opti Beam Lens

167x167

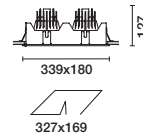


source		system		optic	code	colour
W	lm	W	lm			

Frame version - 327x169**LED**

3000K - CRI 90						
18,2W	1420	21W	809	6°	P923	01-74
54W	6000	61,5W	4793	38°	P924	01-74
54W	6000	61,5W	4555	48°	P925	01-74

3000K - CRI 90 - DALI						
18,2W	1420	24,9W	809	6°	P926	01-74
54W	6000	62,6W	4793	38°	P927	01-74
54W	6000	62,6W	4555	48°	P928	01-74

Complete with power supply
P923, P926: Opti Beam Lens

327x169

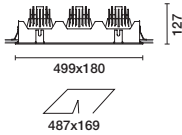


source		system		optic	code	colour
W	lm	W	lm			

Frame version - 487x169**LED**

3000K - CRI 90						
27,3W	2130	32,5W	1214	6°	P929	01-74
81W	9000	92,3W	7190	38°	P930	01-74
81W	9000	92,3W	6833	48°	P931	01-74

3000K - CRI 90 - DALI						
27,3W	2130	36,8W	1214	6°	P932	01-74
81W	9000	94,4W	7190	38°	P933	01-74
81W	9000	94,4W	6833	48°	P934	01-74

Complete with power supply
P929, P932: Opti Beam Lens

487x169

102x102
187x102
272x102167x167
327x169
487x169**Optical accessories**

Interchangeable reflectors for LED C.o.B.

	code	colour	code	colour
flood	---	---	MY76	12 α 36°

wide flood	---	---	MY77	12 α 48°
------------	-----	-----	-------------	-------------



Refractor for elliptical distribution	---	---	9539	24
---------------------------------------	-----	-----	-------------	----



Spotlights and Tracks

System flexibility

Innovative optics, multiple light distribution, high uniformity and high efficiency. Maximum installation and power supply flexibility on electrified tracks (direct, suspension, built-in / multi-phase, 12V, DALI), ideal for settings such as art galleries, boutiques and museums.



- 234 Overview of Spotlights and Tracks
- 240 Palco
- 270 Le Perroquet
- 274 Front Light
- 278 Tecnica Pro
- 282 View
- 292 Mains Voltage Track - Ceiling/Suspension
- 294 Mains Voltage Track - Downlight

Overview Spotlights and Tracks



244 Palco
Recessed remote driver

244 Palco
Remote driver surface

250 Palco
Recessed remote driver framer

250 Palco
Surface remote driver framer

254 Palco
Built-in driver surface

Performances

Optics	12°/16°/24°/42°/44°	12°/16°/24°/42°/44°	Framer	Framer	42°/44°
Power W	2 → 36	2 → 36	2 → 6,5	2 → 6,5	9 → 42
Luminous flux lm	107 → 1754	107 → 1754	3 → 31	3 → 31	364 → 1754
Colour temperature K	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000

Range and installation

Number of sizes	3	3	2	2	2
Pendant					
Wall-mounted					

Accessories

Optics	A/C/F/G	A/C/F/G			A/C/F/G
Decorative					



284 View
Opti Linear

288 View
Opti Beam Lens

288 View
Opti Beam Lens

Performances

Optics	80°/82°/104°/106°/WW	4°/8°/14°/16°/26°/28°/46°/WW	4°/8°/14°/16°/26°/28°/46°/WW
Power W	16,8 → 48,1	14,8 → 29	14,8 → 29
Luminous flux lm	1015 → 4050	405 → 3045	405 → 3045
Colour temperature K	3000/4000	3000/4000	3000/4000

Range and installation

Number of sizes	3	2	2
Pendant			
Wall-mounted	●		

Accessories

Optics	A/C/FG/I/L	A/C/F/G/M/N	A/C/F/G/M/N
Decorative	●		

Optics: **WW** Wall Washer - **SF** Super Flood



258 Palco



264 Palco
Wall Washer



266 Palco
Framer



270 Le Perroquet



274 Front Light



278 Tecnica Pro

4°/6°/8°/10°/12°/16°/18°/20°/26°/28°/30°/32°/38°/42°/46°/48°/56°	WW	Framer	14°/36°/48°	4°/8°/12°/16°/30°/32°/42°/48°/56°	4°/8°/12°/16°/18°/20°/26°/38°/40°/48°/54°
8,5 → 59,5	24,3 → 59,5	9,8 → 35	23,7 → 33,3	8,5 → 50,4	7,6 → 44,8
292 → 6390	905 → 3440	30 → 840	2406 → 2643	270 → 5451	286 → 3945
3000/4000	3000/4000	2700/3000	3000/4000	3000/4000	3000/4000
5	4	2	3	3	3
			●	●	●
			●		
A/C/F/G/M/N		O/P/Q/R	A/B/H/M/N	A/B/C/F/M/N	A/C/F/L/G
			E	E	



292 Track Mains Voltage
Ceiling / Suspension



294 Track Mains Voltage
Recessed

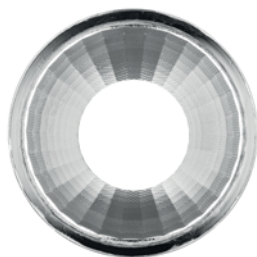
Installation

Pendant	●	
Downlight		●
Ceiling-mounted	●	

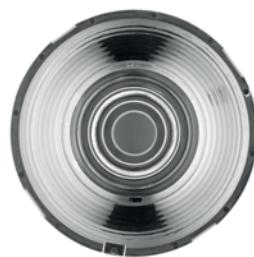
Accessories: **A** Refractor **B** UV/IR Filters - **C** Soft Lens Filter - **D** Warmtone/Coldtone Filters - **E** Coloured Filters - **F** Honeycomb Louvre - **G** Cylindrical screen
H Cylindrical Screen at 45° - **I** Wall Washer Screen - **L** Cross Baffle - **M** Directional Fins - **N** Interchangeable reflector - **O** Support for Slides
P Iris - **Q** Shaper - **R** Metal gobo

Overview Spotlights and Tracks

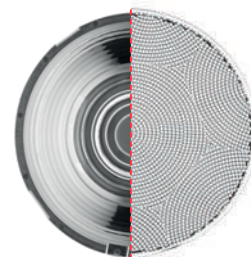
It's in the Optics



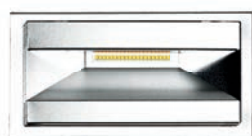
Opti Beam Reflector
The lenticular surface of the spotlights helps improve light distribution without affecting optical performance and therefore the efficiency of the luminaires. Opti Beam is available with Spot, Medium, Flood and Wide Flood optic.



Opti Beam Lens*
Two lenses in one, two innovations in a single lens. Superspot ultra-compact high intensity optic. The light beam is even and well defined, with no colour aberrations. Maximum visual comfort ensured by a spill-ring inside the lens.
* 2 Patents Pending



Opti Beam Refractor*
Micro-prismatic textures with random modelling symmetrical elements that avoid any kind of geometric and chromatic aberration. When combined with the Opti Beam Lens, refractors (even interchangeable models) model the beam of light using different apertures.
* Patent Pending



Opti Linear
A highly reflective, compact luminous eyelid with the same linear shape as the LED. Very wide flood and Wall Washer spread.



SS - Super Spot
 $\alpha < 8^\circ$



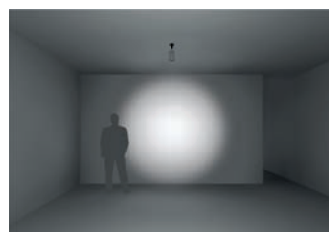
S - Spot
 $\alpha 9^\circ-15^\circ$



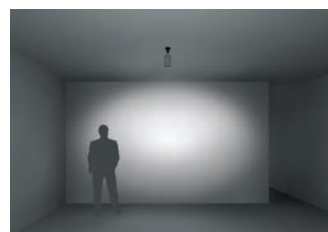
M - Medium
 $\alpha 16^\circ-25^\circ$



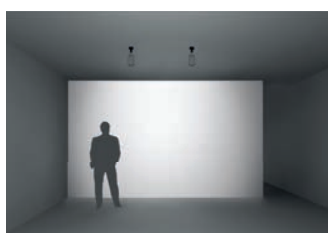
F - Flood
 $\alpha 26^\circ-39^\circ$



WF - Wide Flood
 $\alpha 40^\circ-60^\circ$



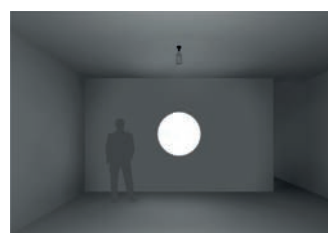
SF - Super Flood



WW - Wall Washer



E - Elliptical**



Framers

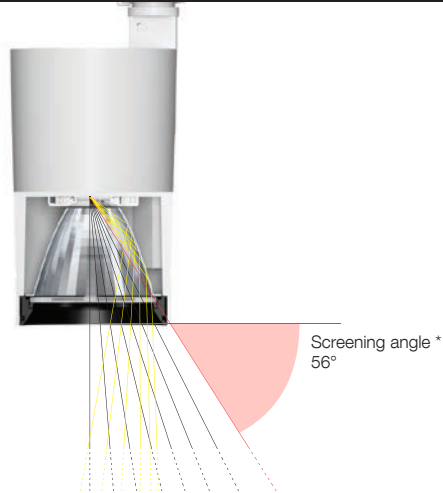
** Elliptical optics are obtained by installing the specific accessory.

Visual Wellness

Screening angle

Comfort increases the more the LED source of light is hidden from view. Our floodlights have a very high screening angle* to ensure visual comfort in space, whatever their orientation.

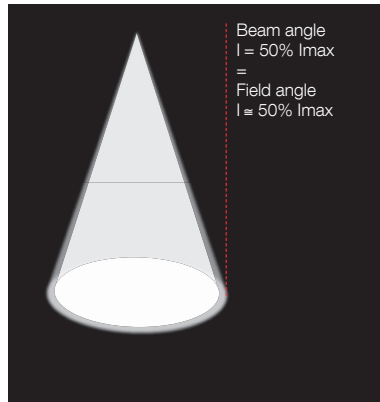
* angle referred to horizontal line (see EN 12464-1: 2011).



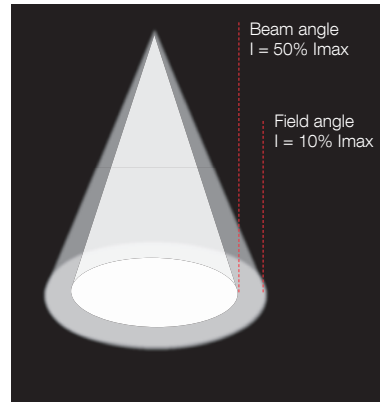
No field angle

We have eliminated the double ring effect, thereby achieving a well-defined light circle. The intensity at the limit angle is close to 50% I_{max} (the field angle aligns with FWHM*).

* FWHM is the angle corresponding the point where intensity is equal to 50% I_{max}.



Opti Beam Technology



Other technology

Quality of vertical lighting

Vertical lighting is our masterpiece. Light entirely overlaps the surface of the wall. Ensuring delicacy. Total cleanliness from bottom to top, with maximum uniformity, without edging effects.



Optical Accessories

Various types of lens allow the lighting distribution of the main optics to be modified, thereby achieving highly professional lighting effects.



Refractor for elliptical distribution

Honeycomb louvre

Soft Lens Filter

Diffuser Filter

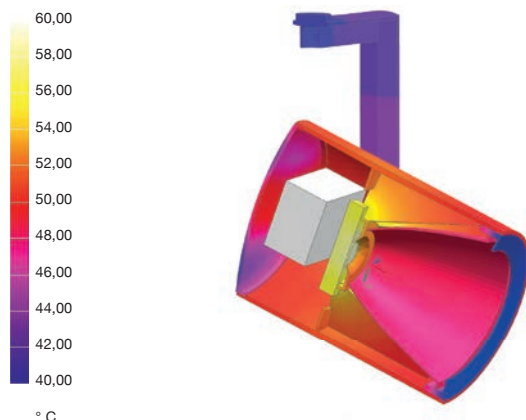
Opti Beam Refractor

Overview Spotlights and Tracks

Reliability for better Light

Thermal Dissipation

We test the worst-case condition. Thanks to thermographic and fluid-dynamic simulations, we are able to define the best geometry for our products in order to maintain a constant LED operating temperature.

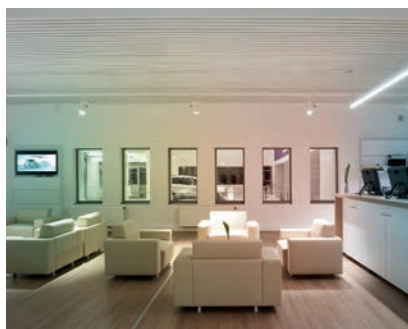


MacAdam

We choose the world's best suppliers to ensure consistent and repetitive selection of LEDs to ensure colour uniformity not only over time but also between different products in the same lighting project, up to MacAdam Step 2.



iGuzzini (MacAdam step 2)



Other solutions (MacAdam step > 3)

CRI

Chromatic yield defines the ability to saturate colours.

We select the best LEDs with incomparable colour yields even for critical colours such as red, achieving CRI values of more than 97.

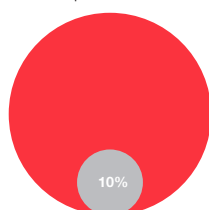


Duration of LEDs

The lifespan of LEDs is a given statistic.

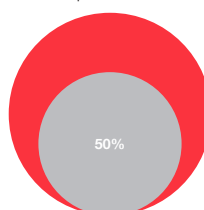
Parameters "L" and "B" describe the percentage value of the final luminous flux (L) and the confidence level expressed (B). Our new generation products always envisage B10 or B20, thereby stating extremely reliable LED lifespan values.

90% reliability
of parameter L



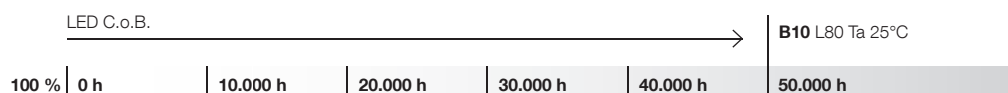
LED iGuzzini B10

50% reliability
for parameter L



LED comuni sul mercato B50

B10 indicates a 90% reliability level at the point the declared lifetime is reached with the luminous flux indicated.



Amplifier Co-Working & Event – Berlin, Germany

Client: GSG Gewerbehöfe Berlin

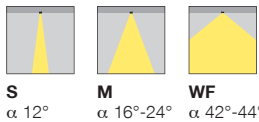
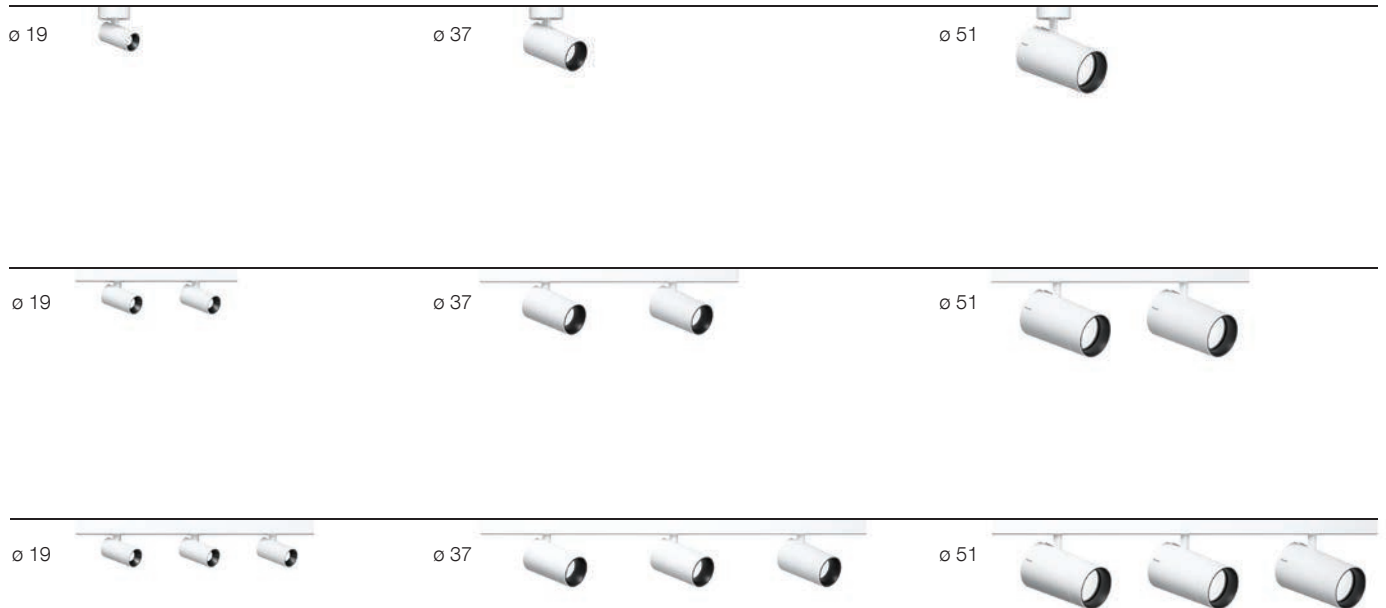
Architectural Project: Die Brücke / FTWILD Lighting project: Rosenspiess

Photo: Felix Löchner



Palco Recessed / Surface remote driverx

page 244



Palco Recessed / Surface framer remote driver

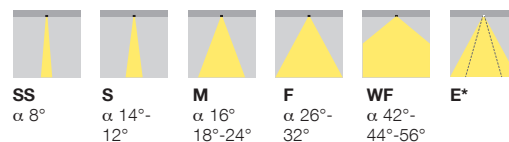
page 250



Palco / Beamer
Low Voltage Track

Palco / Low Voltage Track

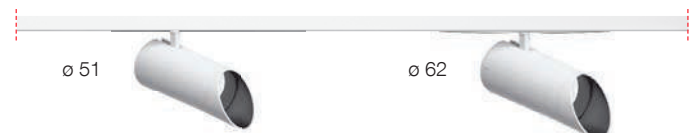
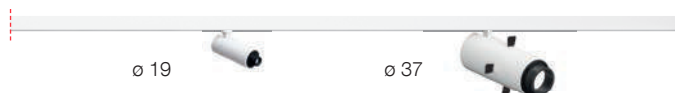
page 328



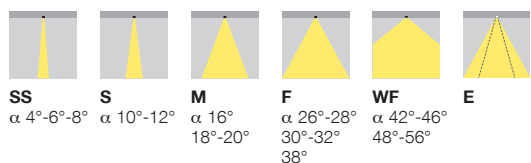
* Elliptical optics are obtained by installing the specific accessory.



WF
α 42°-44°



Palco



Palco Wall Washer



Palco Framer





ø 122



ø 142



ø 123



ø 142

Palco InOut

page 689

Palco InOut Framer

page 689



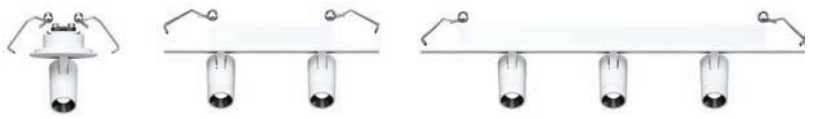
Recessed / Surface remote driver



Downlight



ø 19 ø 37 ø 51



Versions

Surface



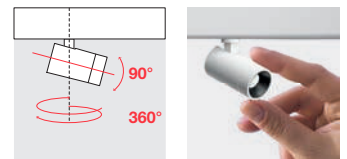
 Explore and interact with products in 3D.
thelightexperience.iguzzini.com



- Wall and ceiling-mounted luminaires.
- Downlight and surface versions.
- Downlight fixing system with steel wire springs.
- Single models with base and multiples with linear support; multiple models with possibility of continuous installation and retaining centres.

- Floodlight body in die-cast aluminium; aluminium mounting brackets.
- Floodlight movements: 90° angle on horizontal plane and 355° rotation around the vertical axis.
- Remote power supply available with separate code numbering.

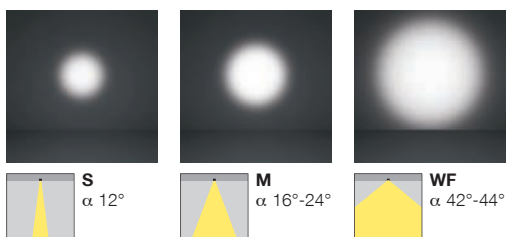
- IP20
- Class III



Dual rotation

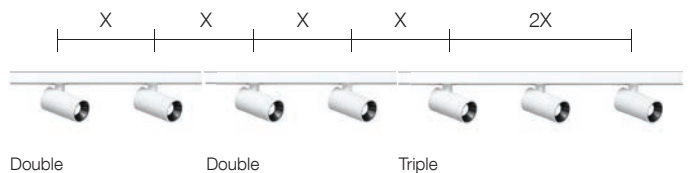
Compact dimensions

Optics



Spacings

Optimized spacing for continuous distribution of modules with two to three products. Refer to the instruction sheet for values





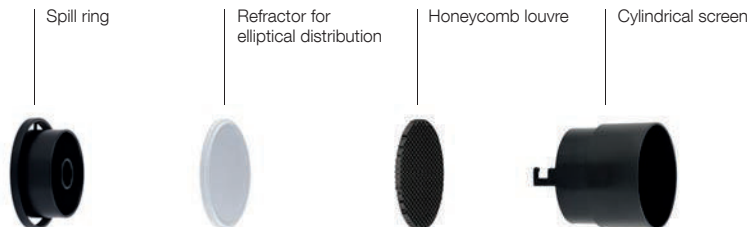
01
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04
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Accessories

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.

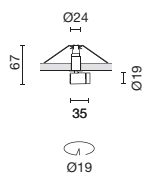


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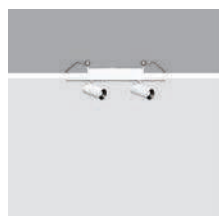
source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 90					
2W	180	2W	121	24°	QC12 01-04
2700K - CRI 90					
2W	170	2W	114	24°	QC13 01-04

Power supply to be order separately



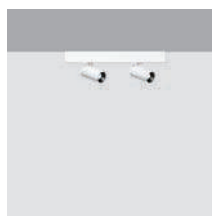
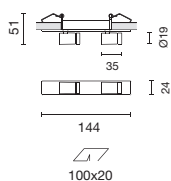
source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 90					
2W	180	2W	121	24°	QC34 01-04
2700K - CRI 90					
2W	170	2W	114	24°	QC35 01-04

Power supply to be order separately



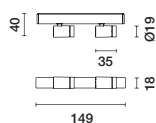
source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 90					
4W	360	4W	241	24°	QC14 01-04
2700K - CRI 90					
4W	340	4W	228	24°	QC15 01-04

Power supply to be order separately



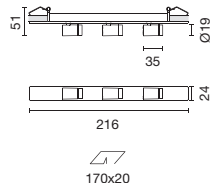
source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 90					
4W	360	4W	241	24°	QC36 01-04
2700K - CRI 90					
4W	340	4W	228	24°	QC37 01-04

Power supply to be order separately



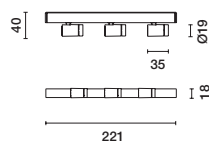
source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 90					
6W	540	6W	362	24°	QC16 01-04
2700K - CRI 90					
6W	510	6W	342	24°	QC17 01-04

Power supply to be order separately



source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 90					
6W	540	6W	362	24°	QC38 01-04
2700K - CRI 90					
6W	510	6W	342	24°	QC39 01-04

Power supply to be order separately



Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

iguzzini.com/code 245

Palco

Recessed / Surface remote driver




01
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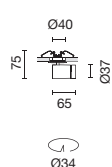
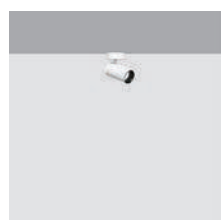
04
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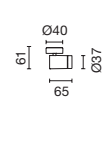
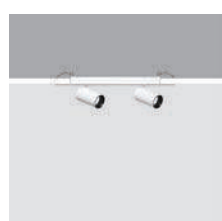
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 90							
7,2W	600	7,2W	438	16°			QC18 01-04
7,2W	600	7,2W	390	44°			QC19 01-04
2700K - CRI 90							
7,2W	560	7,2W	409	16°			QC20 01-04
7,2W	560	7,2W	364	44°			QC21 01-04

Power supply to be order separately

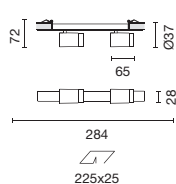

source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 90							
7,2W	600	7,2W	438	16°			QC40 01-04
7,2W	600	7,2W	390	44°			QC41 01-04
2700K - CRI 90							
7,2W	560	7,2W	409	16°			QC42 01-04
7,2W	560	7,2W	364	44°			QC43 01-04

Power supply to be order separately

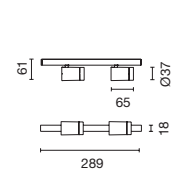

source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 90							
14,4W	1200	14,4W	780	44°			QC22 01-04
2700K - CRI 90							
14,4W	1120	14,4W	728	44°			QC23 01-04

Power supply to be order separately

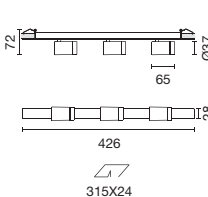

source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 90							
14,4W	1200	14,4W	780	44°			QC44 01-04
2700K - CRI 90							
14,4W	1120	14,4W	728	44°			QC45 01-04

Power supply to be order separately

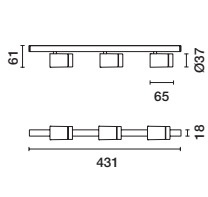
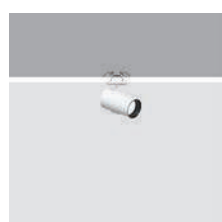
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 90							
21,6W	1800	21,6W	1170	44°			QC24 01-04
2700K - CRI 90							
21,6W	1680	21,6W	1092	44°			QC25 01-04

Power supply to be order separately

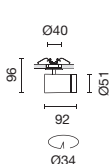

source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 90							
21,6W	1800	21,6W	1170	44°			QC46 01-04
2700K - CRI 90							
21,6W	1680	21,6W	1092	44°			QC47 01-04

Power supply to be order separately

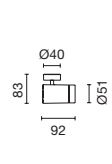
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 90							
12W	860	12W	619	12°			QC26 01-04
12W	860	12W	585	42°			QC27 01-04
2700K - CRI 90							
12W	810	12W	583	12°			QC28 01-04
12W	810	12W	551	42°			QC29 01-04

Power supply to be order separately

source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 90							
12W	860	12W	619	12°			QC48 01-04
12W	860	12W	585	42°			QC49 01-04
2700K - CRI 90							
12W	810	12W	583	12°			QC50 01-04
12W	810	12W	551	42°			QC51 01-04

Power supply to be order separately





01
WHITE

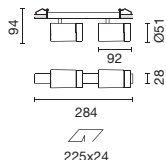


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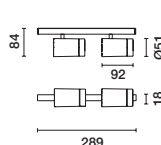
source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 90					
24W	1720	24W	1170	42°	QC30 01-04
2700K - CRI 90					
24W	1620	24W	1102	42°	QC31 01-04

Power supply to be order separately



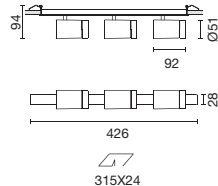
source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 90					
24W	1720	24W	1170	42°	QC52 01-04
2700K - CRI 90					
24W	1620	24W	1102	42°	QC53 01-04

Power supply to be order separately



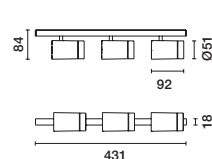
source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 90					
36W	2580	36W	1754	42°	QC32 01-04
2700K - CRI 90					
36W	2430	36W	1652	42°	QC33 01-04

Power supply to be order separately



source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 90					
36W	2580	36W	1754	42°	QC54 01-04
2700K - CRI 90					
36W	2430	36W	1652	42°	QC55 01-04








Power supply to be order separately



Optical accessories	code	colour	code	colour
Honeycomb louvre	---	---	MZ43	04
Spill ring	---	---	MZ49	04
Reflector for elliptical distribution	---	---	MZ47	24
Cylindrical screen	---	---	MZ48	04-47
			MZ51	04-47

Palco

Recessed / Surface remote driver

			
Power supply	code colour	code colour	code colour
 <p>Power supply On-Off 50W</p> <p>Vin = 220-240Vac 50 / 60Hz Iout = 700mA dimensions = 124x79x22</p>	MZ84 00	MZ84 00	MZ84 00
 <p>Constant current power supply unit non dimmable IP20 20W</p> <p>VIN = 220-240VAC 50/60Hz Iout =350mA/500mA/700mA dimensions: 110x52x22</p>	X020 00	---	---
 <p>Constant current power supply unit 1-10V IP20 50W</p> <p>VIN = 110-240VAC 50/60Hz Ø25</p>	MY83 00	MY83 00	MY83 00
 <p>Constant current power supply DALI IP20 50W</p> <p>VIN = 220-240VAC 50/60Hz Iout = 350±1050mA dimensions: 125x80x22</p>	BZM4 00	BZM4 00	BZM4 00



Framer Recessed / Surface remote driver



Recessed

Surface



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- Ceiling and wall mounted versions
- Downlight versions with visible plate and steel wire springs.
- Surface versions with fixing plate and cover base
- Framer bodies made of die-cast aluminium.
- Ø19 floodlight with metal gobo and manual focusing system
- Ø37 floodlight with metal gobo and outer fins for adjusting and shaping the light beam; the magnetic coupling system simplifies adjustment and maintenance operations
- Power supply driver to be ordered separately



Compact dimensions



Magnetic system



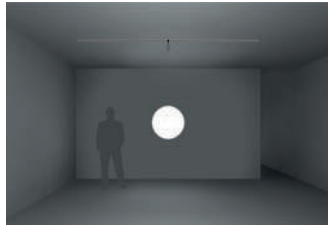
Focusing



No stray light

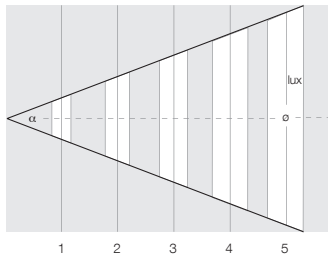
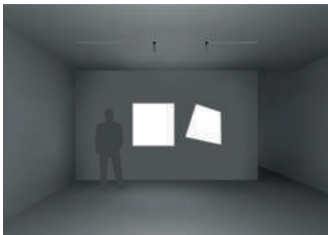
Lighting effects - \varnothing 19

Circles of various sizes, adjustable using metallic internal gobo. Manual focus.

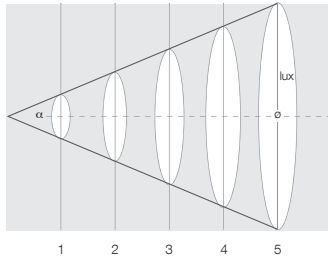
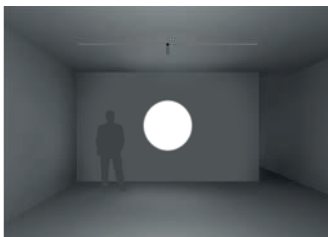


m	\varnothing 19 (\varnothing 5mm)	
	\varnothing	lux
0,5	0,19	860
1	0,37	205
2	0,56	88
3	0,74	50

Lighting effects - \varnothing 37



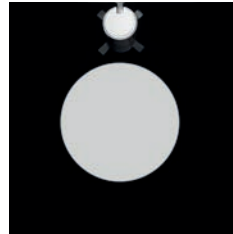
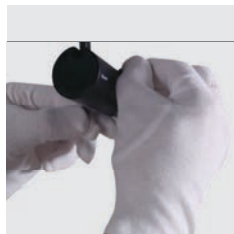
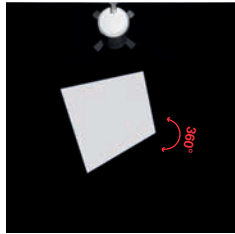
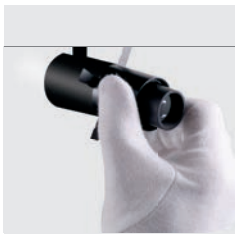
m	\varnothing 37	
	L	lux
1	0,36	1606,79
2	0,72	401,70
3	1,08	178,53
4	1,44	100,42
5	1,80	64,27



m	\varnothing 37 (\varnothing =5)	
	\varnothing	lux
1	0,17	1600,35
2	0,34	400,09
3	0,51	177,82
4	0,69	100,02
5	0,86	64,01

m	\varnothing 37 (\varnothing =10)	
	\varnothing	lux
1	0,34	1684,14
2	0,68	421,03
3	1,02	187,13
4	1,36	105,26
5	1,70	67,37

External wings for manual adjustment of shapes (three- and four-sided) - Shape



Precision adjustment by rotating the body without having to open the product - Twist!

Palco

Framer Recessed / Surface remote driver



01
WHITE



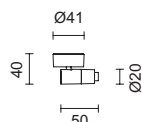
04
BLACK

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new

source		system		code	colour
W	lm	W	lm		
LED					
3000K - CRI 90					
2W	170	2W	3	QI41	01-04
2700K - CRI 90					
2W	170	2W	3	QI42	01-04

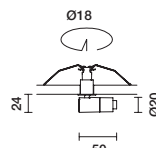
Class of Insulation III
Power supply to be ordered separately



new

source		system		code	colour
W	lm	W	lm		
LED					
3000K - CRI 90					
2W	170	2W	3	QI37	01-04
2700K - CRI 90					
2W	170	2W	3	QI38	01-04

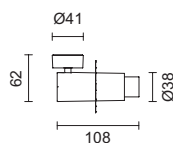
Class of Insulation III
Power supply to be ordered separately



new

source		system		code	colour
W	lm	W	lm		
LED					
3000K - CRI 90					
6,5W	620	6,5W	31	QI43	01-04
2700K - CRI 90					
6,5W	590	6,5W	30	QI44	01-04

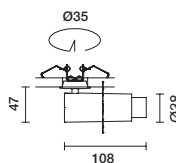
Class of Insulation III
Power supply to be ordered separately



new

source		system		code	colour
W	lm	W	lm		
LED					
3000K - CRI 90					
6,5W	620	6,5W	31	QI39	01-04
2700K - CRI 90					
6,5W	590	6,5W	30	QI40	01-04

Class of Insulation III
Power supply to be ordered separately



Power supply	code	colour
Power supply On-Off 50W VIN = 220-240Vac 50 / 60Hz MZ84 00 Iout = 700mA dimensions = 124x79x22		
Constant current power supply unit non dimmable IP20 20W VIN = 220-240VAC 50/60Hz Iout = 350mA/500mA/700mA dimensions: 110x52x22	X020	00

Power supply	code	colour
Constant current power supply unit 1-10V IP20 50W VIN = 110-240VAC 50/60Hz MY83 00 Ø25		

Power supply	code	colour
Constant current power supply DALI IP20 50W VIN = 220-240VAC 50/60Hz BZM4 00 Iout = 350±1050mA dimensions: 125x80x22		

Civic Museum - Villa Colloredo Mels - Recanati, Italy
Set-up: Ch-plus Associate Studio of Architecture and Design
Photo: iGuzzini Archive

Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.



Palco

Surface Built-in driver

design Artec3 Studio



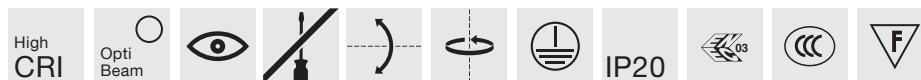
ø 37



ø 51



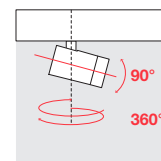
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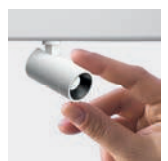
- Wall and ceiling-mounted luminaires.
- Surface versions.
- Single and multiple models; multiple models with possibility of continuous installation and retaining centres.

- Floodlight body in die-cast aluminium; aluminium mounting brackets.
- Floodlight movements: 90° angle on horizontal plane and 355° rotation around the vertical axis.

- Built-in driver.
- IP20
- Class I

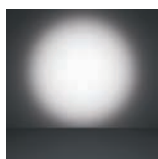


Dual rotation



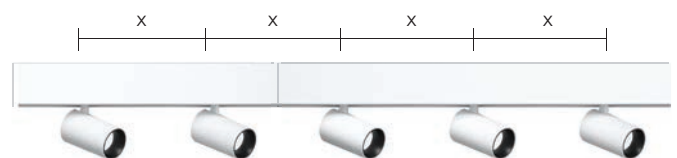
Compact dimensions

Optics



Spacings

Optimized spacing for continuous distribution of modules with two to three products. Refer to the instruction sheet for values



Double

Triple



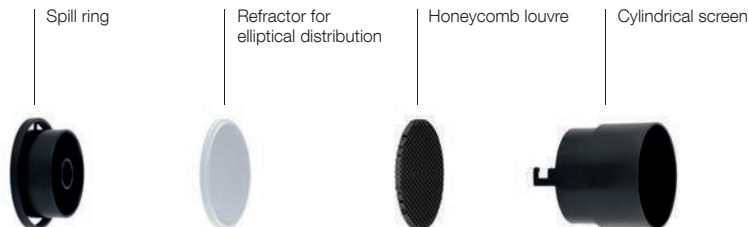
01
WHITE



04
BLACK

Accessories

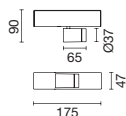
The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.



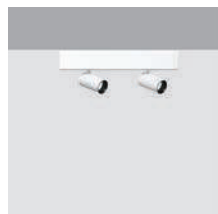
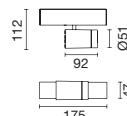
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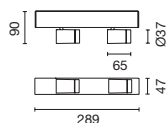
source		system		optic	code	colour
W	lm	W	lm			
LED						
3000K - CRI 90						
7,2W	600	10,3W	390	44°	QC56	01-04
2700K - CRI 90						
7,2W	560	10,3W	364	44°	QC57	01-04



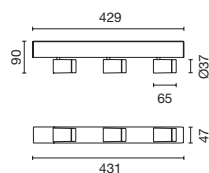
source		system		optic	code	colour
W	lm	W	lm			
LED						
3000K - CRI 90						
12W	860	15,8W	585	42°	QC62	01-04
2700K - CRI 90						
12W	810	15,8W	551	42°	QC63	01-04



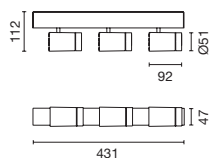
source		system		optic	code	colour
W	lm	W	lm			
LED						
3000K - CRI 90						
14,4W	1200	17,9W	780	44°	QC58	01-04
2700K - CRI 90						
14,4W	1120	17,9W	728	44°	QC59	01-04



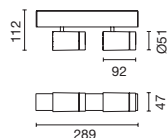
source		system		optic	code	colour
W	lm	W	lm			
LED						
3000K - CRI 90						
21,6W	1800	25,6W	1170	44°	QC60	01-04
2700K - CRI 90						
21,6W	1680	25,6W	1092	44°	QC61	01-04



source		system		optic	code	colour
W	lm	W	lm			
LED						
3000K - CRI 90						
36W	2580	40,2W	1754	42°	QC66	01-04
2700K - CRI 90						
36W	2430	40,2W	1652	42°	QC67	01-04









source		system		optic	code	colour
W	lm	W	lm			
LED						
3000K - CRI 90						
24W	1720	29,1W	1170	42°	QC64	01-04
2700K - CRI 90						
24W	1620	29,1W	1102	42°	QC65	01-04



Palco

Surface Built-in driver

		
Optical accessories	code colour	code colour
 Honeycomb louvre	MZ43 04	MZ45 04
 Spill ring	MZ49 04	MZ52 04
 Refractor for elliptical distribution	MZ47 24	MZ50 24
 Cylindrical screen	MZ48 04-47	MZ51 04-47



PUR Restaurant – Barcelona, Spain
 Architectural Project: La Granja Design / Lighting project: reMM Lighting Design
 Photographer: Gala Martinez

Homo Faber 2018 “Sala Carnelutti” - Venice, Italy
 Curator: India Mahdavi
 Photo: Tomas Bertelsen - ©Michelangelo Foundation





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- Installation on Mains Voltage track and on ceiling with power strip.
- In die-cast aluminium and thermoplastic material.
- Opti Beam interchangeable reflectors and refractors with high lighting efficiency and uniform distribution.

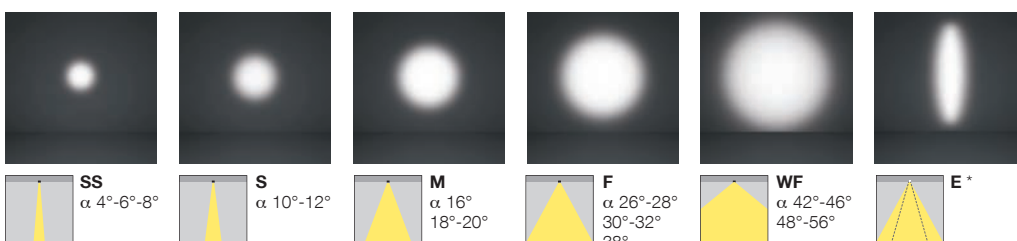
- Versions with Opti Beam Lens technology.
- LED versions ensuring high-colour yield index.
- High visual comfort.
- 90° angle on horizontal plant and 360° rotation around the vertical axis with mechanical aiming lock.

- C.o.B. LED Versions with passive dissipation.
- Complete with safety glass.



Opti Beam Lens (Super Spot optics)

Optics



* Elliptical optics are obtained by installing the specific accessory.



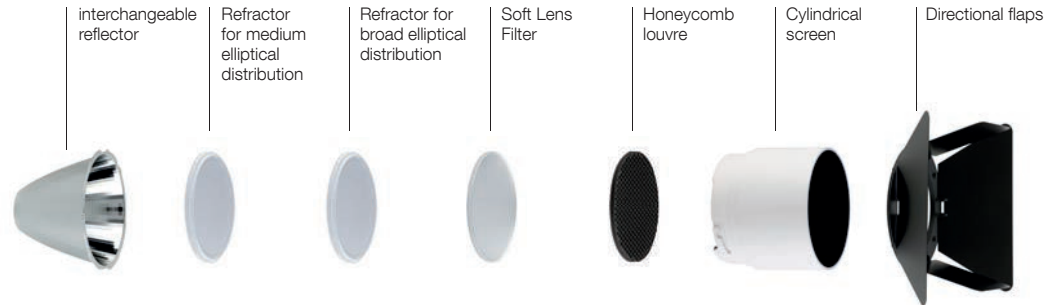
01
WHITE

04
BLACK

Accessories

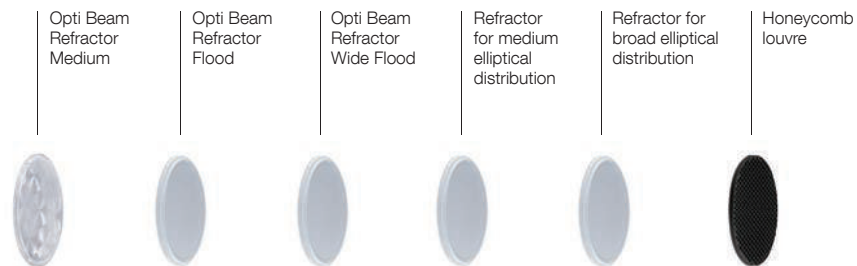
Opti Beam Reflector

The lenticular surface of the reflectors helps improve light distribution without affecting optical performance and therefore the efficiency of the luminaires.



Opti Beam Lens

Two lenses in one, two innovations in a single lens. Maximum visual comfort ensured by a spill-ring inside the lens.

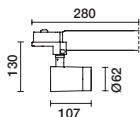


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source	system				
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 80 - Push Dim					
15W	2050	18,3W	1599	26°	Q654 01-04
15W	2050	18,3W	1620	42°	Q655 01-04
3000K - CRI 90 - Push Dim					
12W	860	15,9W	611	12°	Q656 01-04
18W	2000	22,4W	1560	26°	Q657 01-04
18W	2000	22,4W	1580	42°	Q658 01-04
4000K - CRI 80 - DALI					
15W	2050	18,3W	1599	26°	Q659 01-04
15W	2050	18,3W	1620	42°	Q660 01-04
3000K - CRI 90 - DALI					
12W	860	15,9W	611	12°	Q661 01-04
18W	2000	22,4W	1560	26°	Q662 01-04
18W	2000	22,4W	1580	42°	Q663 01-04

Q656, Q661: Opti Beam Lens



source	system				
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 80 - Push Dim					
20W	3050	24,3W	2379	18°	Q664 01-04
20W	3050	24,3W	2379	32°	Q665 01-04
20W	3050	24,3W	2288	56°	Q666 01-04
3000K - CRI 90 - Push Dim					
11W	850	15,9W	425	8°	Q667 01-04
27W	3150	31,3W	2457	18°	Q668 01-04
27W	3150	31,3W	2457	32°	Q669 01-04
27W	3150	31,3W	2363	56°	Q670 01-04
4000K - CRI 80 - DALI					
20W	3050	24,3W	2379	18°	Q671 01-04
20W	3050	24,3W	2379	32°	Q672 01-04
20W	3050	24,3W	2288	56°	Q673 01-04
3000K - CRI 90 - DALI					
11W	850	15,9W	425	8°	Q674 01-04
27W	3150	31,3W	2457	18°	Q675 01-04
27W	3150	31,3W	2457	32°	Q676 01-04
27W	3150	31,3W	2363	56°	Q677 01-04

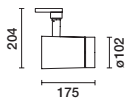
Q667, Q674: Opti Beam Lens



01
WHITE



04
BLACK



source		system		optic	code	colour
W	lm	W	lm			

LED

4000K - CRI 80 - Complete with dimmer						
24W	3000	27,5W	2208	12°	P203	01-04
24W	3000	27,5W	2201	20°	P204	01-04
24W	3000	27,5W	2135	38°	P205	01-04
24W	3000	27,5W	2262	46°	P206	01-04

4000K - CRI 97 - Complete with dimmer						
26W	2500	29,6W	1840	12°	QG42	01-04
26W	2500	29,6W	1835	20°	QG43	01-04
26W	2500	29,6W	1779	38°	QG44	01-04
26W	2500	29,6W	1885	46°	QG45	01-04

3000K - CRI 90 - Complete with dimmer						
5,7W	540	8,5W	292	8°	P604	01-04
26W	2700	29,6W	1987	12°	P207	01-04
26W	2700	29,6W	1981	20°	P208	01-04
26W	2700	29,6W	1922	38°	P209	01-04
26W	2700	29,6W	2036	46°	P210	01-04

3000K - CRI 97 - Complete with dimmer						
26W	2400	29,6W	1766	12°	QG46	01-04
26W	2400	29,6W	1761	20°	QG47	01-04
26W	2400	29,6W	1708	38°	QG48	01-04
26W	2400	29,6W	1810	46°	QG49	01-04

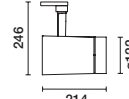
4000K - CRI 80 - DALI						
24W	3000	26,4W	2208	12°	P626	01-04
24W	3000	26,4W	2201	20°	P627	01-04
24W	3000	26,4W	2135	38°	P628	01-04
24W	3000	26,4W	2262	46°	P629	01-04

4000K - CRI 97 - DALI						
26W	2500	28,5W	1840	12°	QG50	01-04
26W	2500	28,5W	1835	20°	QG51	01-04
26W	2500	28,5W	1779	38°	QG52	01-04
26W	2500	28,5W	1885	46°	QG53	01-04

3000K - CRI 90 - DALI						
5,7W	540	8,5W	292	8°	P605	01-04
26W	2700	28,5W	1987	12°	P630	01-04
26W	2700	28,5W	1981	20°	P631	01-04
26W	2700	28,5W	1922	38°	P632	01-04
26W	2700	28,5W	2036	46°	P633	01-04

3000K - CRI 97 - DALI						
26W	2400	28,5W	1766	12°	QG54	01-04
26W	2400	28,5W	1761	20°	QG55	01-04
26W	2400	28,5W	1708	38°	QG56	01-04
26W	2400	28,5W	1810	46°	QG57	01-04

P604, P605: Opti Beam Lens



source		system		optic	code	colour
W	lm	W	lm			

LED

4000K - CRI 80 - Complete with dimmer						
29W	4000	31,3W	3080	10°	MJ90	01-04
29W	4000	31,3W	3110	18°	MJ91	01-04
29W	4000	31,3W	3115	28°	MJ92	01-04
29W	4000	31,3W	3157	42°	MJ93	01-04

4000K - CRI 97 - Complete with dimmer						
37W	3600	40,2W	2772	10°	QG58	01-04
37W	3600	40,2W	2799	18°	QG59	01-04
37W	3600	40,2W	2803	28°	QG60	01-04
37W	3600	40,2W	2842	42°	QG61	01-04

3000K - CRI 90 - Complete with dimmer						
10W	850	12,8W	493	4°	P606	01-04
37W	4000	40,2W	3080	10°	MJ98	01-04
37W	4000	40,2W	3110	18°	MJ99	01-04
37W	4000	40,2W	3115	28°	MK00	01-04
37W	4000	40,2W	3157	42°	MK01	01-04

3000K - CRI 97 - Complete with dimmer						
37W	3500	40,2W	2695	10°	QG62	01-04
37W	3500	40,2W	2722	18°	QG63	01-04
37W	3500	40,2W	2725	28°	QG64	01-04
37W	3500	40,2W	2763	42°	QG65	01-04

4000K - CRI 80 - DALI						
29W	4000	33,4W	3080	10°	P224	01-04
29W	4000	33,4W	3110	18°	P225	01-04
29W	4000	33,4W	3115	28°	P226	01-04
29W	4000	33,4W	3157	42°	P227	01-04

4000K - CRI 97 - DALI						
37W	3600	41,7W	2772	10°	QG66	01-04
37W	3600	41,7W	2799	18°	QG67	01-04
37W	3600	41,7W	2803	28°	QG68	01-04
37W	3600	41,7W	2842	42°	QG69	01-04

3000K - CRI 90 - DALI						
10W	850	12,8W	493	4°	P607	01-04
37W	4000	41,7W	3080	10°	P232	01-04
37W	4000	41,7W	3110	18°	P233	01-04
37W	4000	41,7W	3115	28°	P234	01-04
37W	4000	41,7W	3157	42°	P235	01-04

3000K - CRI 97 - DALI						
37W	3500	41,7W	2695	10°	QG70	01-04
37W	3500	41,7W	2722	18°	QG71	01-04
37W	3500	41,7W	2725	28°	QG72	01-04
37W	3500	41,7W	2763	42°	QG73	01-04

P606, P607: Opti Beam Lens

LED

4000K - CRI 97 - Bluetooth Low Energy (BLE)							
•	37W	3600	41,7W	2772	10°	QV28	01-04
•	37W	3600	41,7W	2799	18°	QV29	01-04
•	37W	3600	41,7W	2803	28°	QV30	01-04
•	37W	3600	41,7W	2841	42°	QV31	01-04

3000K - CRI 97 - Bluetooth Low Energy (BLE)							
•	37W	3500	41,7W	2695	10°	QV32	01-04
•	37W	3500	41,7W	2722	18°	QV33	01-04
•	37W	3500	41,7W	2725	28°	QV34	01-04
•	37W	3500	41,7W	2763	42°	QV35	01-04

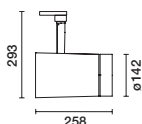


01
WHITE



04
BLACK

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



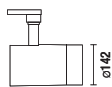












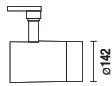






source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 80					
54W	8000	59,5W	6230	16°	MK18 01-04
54W	8000	59,5W	6390	30°	MK19 01-04
54W	8000	59,5W	6235	48°	MK20 01-04
3000K - CRI 90					
54W	6700	59,5W	5217	16°	MK26 01-04
54W	6700	59,5W	5351	30°	MK27 01-04
54W	6700	59,5W	5222	48°	MK28 01-04
4000K - CRI 80 - DALI					
51W	7700	56,4W	5996	16°	P236 01-04
51W	7700	56,4W	6150	30°	P237 01-04
51W	7700	56,4W	6001	48°	P238 01-04
3000K - CRI 90 - DALI					
51W	6400	56,4W	4984	16°	P242 01-04
51W	6400	56,4W	5112	30°	P243 01-04
51W	6400	56,4W	4988	48°	P244 01-04
LED					
3000K - CRI 95					
19W	1650	23,1W	1271	6°	N212 01-04
3000K - CRI 95 - DALI					
19W	1650	22,7W	1271	6°	P947 01-04



MEIS National Museum of Italian Judaism and the Holocaust - Ferrara, Italy
 Architectural project: SCAPE S.P.A / Studio Arco /
 Lighting project: SCAPE S.P.A /
 Photographer: Paolo Carlini

Accessories

					
Optical accessories	code colour	code colour	code colour	code colour	code colour
 Opti Beam Refractor					
medium	--- ---	MY47 24	MY47 24	MZ75 24	--- ---
flood	--- ---	MY48 24	MY48 24	MZ76 24	--- ---
wide flood	--- ---	MY49 24	MY49 24	MZ77 24	--- ---
 Interchangeable reflectors for LED C.o.B.					
spot	--- ---	--- ---	MXW5 12	MX90 12	--- ---
medium	--- ---	MZ59 12	MXW6 12	MX91 12	MXA6 12
flood	--- ---	MZ60 12	MXW7 12	MX92 12	MXA7 12
wide flood	--- ---	MZ61 12	MXW8 12	MX93 12	MXA8 12
 Honeycomb louvre	MZ81 04	MY38 04	MXF0 04 For Beam Reflector MY90 04 for Opti Beam Lens	MY91 04 for Opti Beam Lens MXF1 04 for Opti Beam Reflector	MXF2 04
 "Soft Lens" filter	--- ---	MY46 24 for Opti Beam Reflector	MXD8 24 for Opti Beam Reflector	MXD9 24 for Opti Beam Reflector	MXE0 24 for Opti Beam Reflector
 diffuser glass	MY23 65	--- ---	--- ---	--- ---	--- ---
 Refractor for elliptical distribution	--- ---	MXV1 24	MY34 24 for Opti Beam Lens	MY35 24 for Opti Beam Lens	--- ---
medium	MY24 24	--- ---	MXB7 24	MXB8 24	MXB9 24
extensive	--- ---	--- ---	MXC0 24	MXC1 24	MXC2 24
 Cylindrical screen	MZ55 04-47	MZ57 04-47	MXF3 04-47	MXF4 04-47	MXF5 04-47
 Horizontal directional fins	MZ56 04	MZ58 04	MXF6 04	MXF7 04	MXF8 04
					
Mounting accessories	code colour	code colour	code colour	code colour	code colour
 Ceiling base	--- ---	--- ---	MXZ2 01-04	MXZ2 01-04	--- ---
 Recessed base Hole for installation 108 mm	--- ---	--- ---	MXZ3 01-04	MXZ3 01-04	--- ---
 Casing for adapter IP40	--- ---	--- ---	MXZ5 01-04	MXZ5 01-04	MXZ5 01-04
 Adapter reinforcement (wall installation)	--- ---	--- ---	X208 01-04	X208 01-04	--- ---

Royal Opera House - London, United Kingdom

Architectural project: Stanton Williams / Lighting project: Studio Fractal
Structural project: Arup / Robert Bird Group / Photographer: James Newton





ø 86



ø 102



ø 122



ø 142



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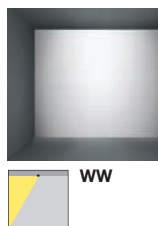
- Installation on Mains Voltage track and on ceiling with power strip.
- In die-cast aluminium and thermoplastic material.
- 90° angle on horizontal plant and 360° rotation around the vertical axis with mechanical aiming lock.

- Complete with asymmetrical Wall Washer screen to achieve uniform wall washing effect from top to bottom.
- Super-pure mirror-finish aluminium reflector with special facets to improve distribution of the light beam (Opti Beam).

- Passive heat dissipation.

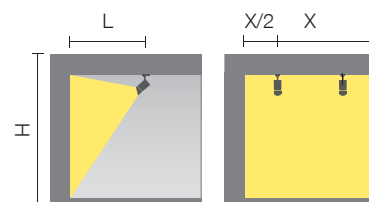
Optics

The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.

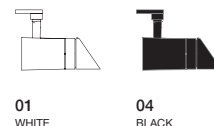


Correct installation

Correct installation distances to achieve uniform lighting of the walls.



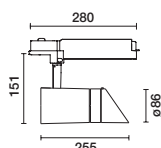
Version (mm)	L (m)	H (m)	X (m)	X/2 (m)
ø 89 mm	1,0	2,7	0,7	0,35
ø 102 mm	1,0	2,7	0,9	0,45
ø 122 & ø 142 mm	1,0	2,7	1,0	0,5



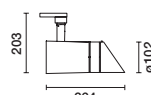
new
Available



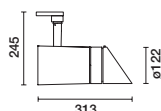
source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 80 - Push Dim					
20W	3050	24,3W	1251	WW	Q678 01-04
3000K - CRI 90 - Push Dim					
27W	3150	31,3W	1292	WW	Q679 01-04
4000K - CRI 80 - DALI					
20W	3050	24,3W	1251	WW	Q680 01-04
3000K - CRI 90 - DALI					
27W	3150	31,3W	1292	WW	Q681 01-04



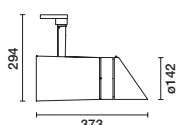
source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 80 - Complete with dimmer					
24W	3000	27,5W	1131	WW	P211 01-04
4000K - CRI 97 - Complete with dimmer					
26W	2500	29,6W	943	WW	QG74 01-04
3000K - CRI 90 - Complete with dimmer					
26W	2700	29,6W	1018	WW	P212 01-04
3000K - CRI 97 - Complete with dimmer					
26W	2400	29,6W	905	WW	QG75 01-04
4000K - CRI 80 - DALI					
24W	3000	26,4W	1131	WW	P634 01-04
4000K - CRI 97 - DALI					
26W	2500	29,6W	943	WW	QG76 01-04
3000K - CRI 90 - DALI					
26W	2700	28,5W	1018	WW	P635 01-04
3000K - CRI 97 - DALI					
26W	2400	29,6W	905	WW	QG77 01-04



source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 80 - Complete with dimmer					
29W	4000	31,3W	1640	WW	MR61 01-04
4000K - CRI 97 - Complete with dimmer					
37W	3600	40,2W	1476	WW	QG78 01-04
3000K - CRI 90 - Complete with dimmer					
37W	4000	40,2W	1640	WW	MR63 01-04
3000K - CRI 97 - Complete with dimmer					
37W	3500	40,2W	1435	WW	QG79 01-04
4000K - CRI 80 - DALI					
29W	4000	33,4W	1640	WW	P245 01-04
4000K - CRI 97 - DALI					
37W	3600	41,7W	1476	WW	Q680 01-04
3000K - CRI 90 - DALI					
37W	4000	41,7W	1640	WW	P247 01-04
3000K - CRI 97 - DALI					
37W	3500	41,7W	1435	WW	Q681 01-04



source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 80					
54W	8000	59,5W	3440	WW	MR67 01-04
3000K - CRI 90					
54W	6700	59,5W	2881	WW	MR69 01-04
4000K - CRI 80 - DALI					
51W	7700	56,4W	3311	WW	P248 01-04
3000K - CRI 90 - DALI					
51W	6400	56,4W	2752	WW	P250 01-04



Mounting accessories

	code	colour	code	colour
Ceiling base	MXZ2	01-04	MXZ2	01-04
Recessed base Hole for installation 108 mm	MXZ3	01-04	MXZ3	01-04
Casing for adapter IP40	MXZ5	01-04	MXZ5	01-04
Adapter reinforcement (wall installation)	X208	01-04	X208	01-04



ø 37



ø 90



ø 115



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- Track Mounted - Mains Voltage
- Made of die-cast aluminium.
- 360° rotation around the vertical axis and +10° -90° angle on horizontal plane with mechanical aiming lock
- Framers equipped with a metal gobo
- Sizes ø 37 and ø 90: the external metal fins are used to adjust and shape the light beam; the optical group can be rotated by 360° in relation to the optical axis. for the ø37 framer, the magnetic coupling system simplifies adjustment and maintenance operations
- for the ø 115 framer, the internal metal fins are used to adjust and shape the light beam

- Pointing, focusing and routine maintenance operations can be carried out without the need to use tools
- All framers are supplied with alternative metal gobos to create circular shapes with different diameters
- Technical and professional accessories designed to expand the spectrum of use of the framers are also available



Free of stray light



Removable accessory support (small body)



Mechanical lock and graduated scale

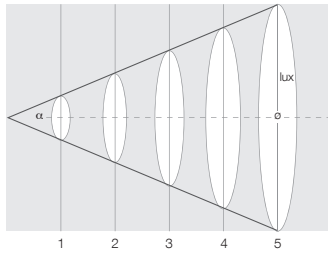
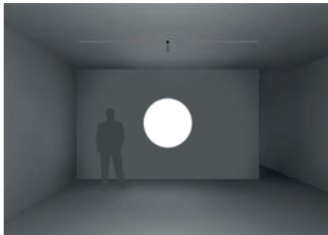


Directional fins for manual adjustment of shapes (three- and four-sided) - Twist

Precision adjustment by rotating the body without having to open the product - Shape

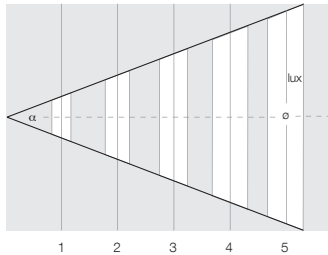
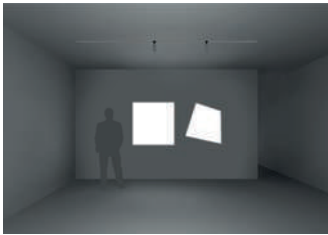
Focusing

Lighting values - ø 37



m	ø 37 (α=5)	
	ø	lux
1	0,17	1600,35
2	0,34	400,09
3	0,51	177,82
4	0,69	100,02
5	0,86	64,01

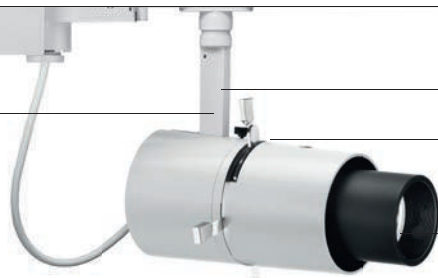
v	ø 37 (α=10)	
	ø	lux
1	0,34	1684,14
2	0,68	421,03
3	1,02	187,13
4	1,36	105,26
5	1,70	67,37



m	ø 37	
	L	lux
1	0,36	1606,79
2	0,72	401,70
3	1,08	178,53
4	1,44	100,42
5	1,80	64,27

Dimmer

Mechanical aiming lock



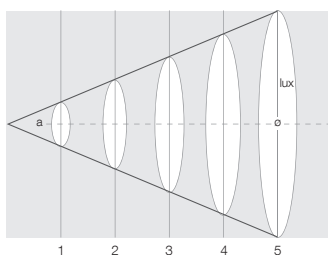
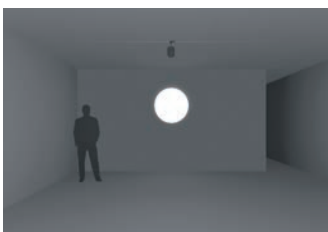
360° rotation around vertical axis

360° rotation around optical axis

Focusing

Shaper

Lighting values - ø 90



m	ø 30 (α=19)		ø 40 (α=26)	
	ø	lux	ø	lux
1	0,41	4745	0,45	5936
2	0,68	1708	0,91	1484
3	1,02	759	1,36	668
4	1,36	427	1,82	371
5	1,70	273	2,27	237

Accessories

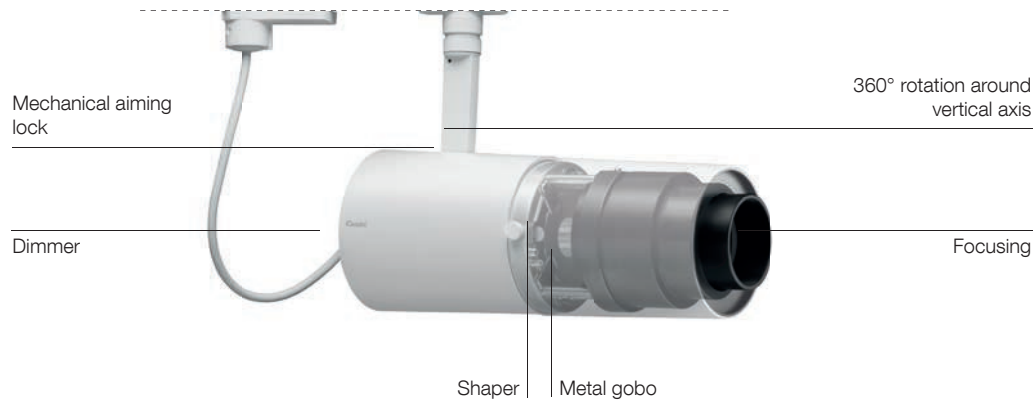
Iride

This accessory is used to create variable circular light beam measurements.

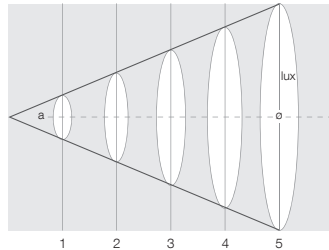
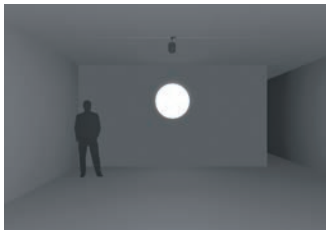


Photometric data refer to the Metal gobo (ø 30 and ø 40) supplied with the luminaire.

Palco Framer



Lighting values - ø 115

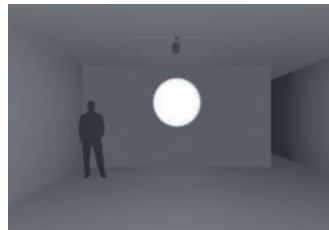


m	ø 30 (α = 19)		ø 40 (α = 26)	
	ø	lux	ø	lux
1	0,34	8072	0,45	6366
2	0,68	2018	0,91	1717
3	1,02	837	1,36	763
4	1,36	504	1,82	429
5	1,70	323	2,27	275

Accessories

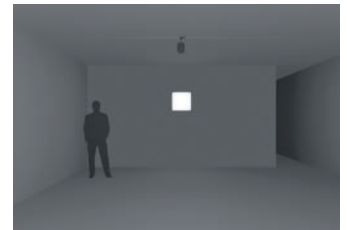
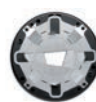
Metal gobo

Available in two different diameters; integrated with the product to create circular shapes.



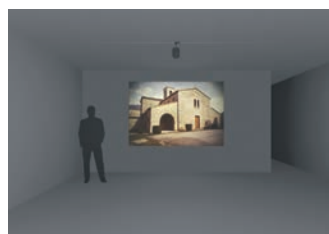
Shaper

Integrated into the product to create square or rectangular variable-side geometries.



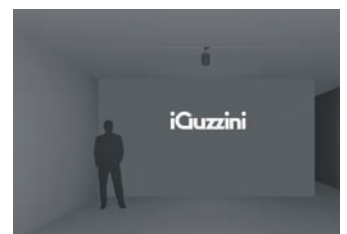
Slide

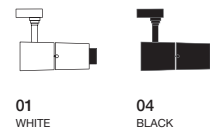
The accessory allows slides to be used.



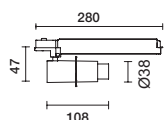
Customised Gobo

Ideal for projecting wording, logos or custom images on to walls (on request).

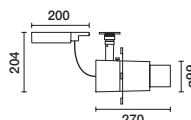




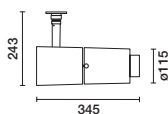
source		system		code	colour
W	lm	W	lm		
LED					
3000K - CRI 90 - Push Dim					
6,5W	620	9,8W	31	QP47	01-04
2700K - CRI 90 - Push Dim					
6,5W	590	9,8W	30	QP48	01-04
3000K - CRI 90 - DALI					
6,5W	620	9,8W	31	QP49	01-04
2700K - CRI 90 - DALI					
6,5W	590	9,8W	30	QP50	01-04
Complete with Metal gobo and Shaper					



source		system		code	colour
W	lm	W	lm		
LED					
3000K - CRI 97 - Complete with dimmer					
21W	2200	24,4W	528	Q744	01-04
3000K - CRI 97 - DALI					
21W	2200	24,2W	528	Q745	01-04
Complete with ø 30 - ø 40 mm Metal gobo and Shaper					



source		system		code	colour
W	lm	W	lm		
LED					
3000K - CRI 97 - Complete with dimmer					
30W	3000	32,8W	840	MR98	01-04
3000K - CRI 97 - DALI					
30W	3000	35W	840	P252	01-04
Complete with ø 30 - ø 40 mm Metal gobo and Shaper					



Optical accessories

	code	colour	code	colour
Iris	MXJ2	00	---	---
Support complete with iris	---	---	MXQ1	00
Slide support 24x36	---	---	MXQ0	00



ø 89



ø 156



track suspension



suspension with power strip



wall/ceiling-mounted



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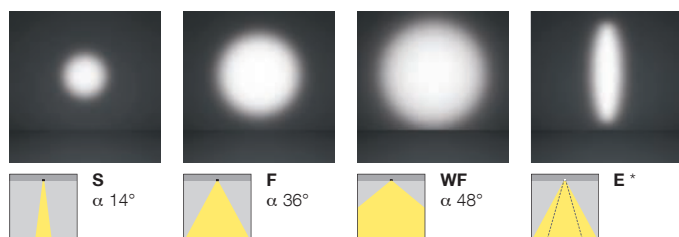


- Installation on Mains Voltage track and on ceiling with power strip.
- In die-cast aluminium and thermoplastic material.
- High visual comfort.
- 90° angle on horizontal plant and 360° rotation around the vertical

- axis with mechanical aiming lock.
- Systems with a dimmable electronic transformer are built using IGBT technology.
- Suspension versions having cables fitted with a creep adjustment system.

- C.o.B. LED Versions with passive dissipation.
- Complete with safety glass.

Optics



* Elliptical optics are obtained by installing the specific accessory.



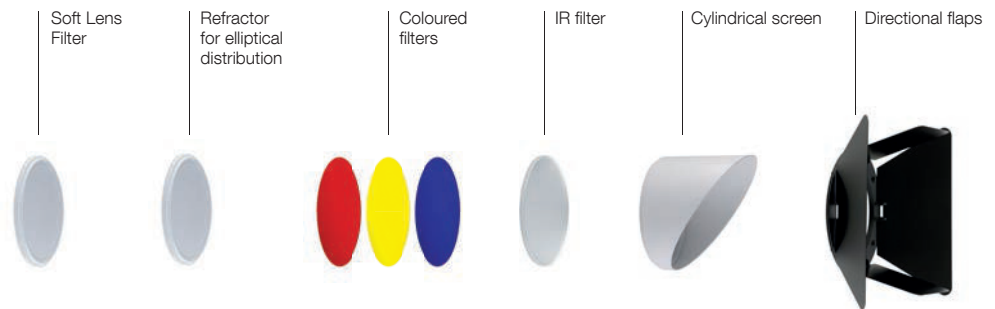
01
WHITE

74
GREY/BLACK

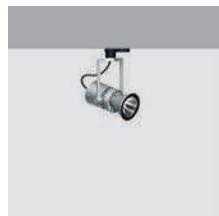
15
GREY

Accessories

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.

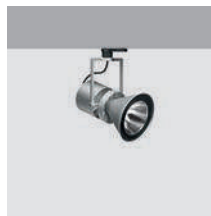
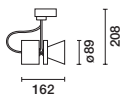


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W	code colour
Electronic complete with dimmer	
QR-CBC 51 (GU5,3) - LED (GU5,3)	
Electronic - Complete with dimmer	
50W (QR-CBC 51)	4870 01-74
8W (LED)	

Compatible with Decostar IRC OSRAM



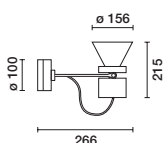
source	system			
W	lm	W	lm	optic code colour
LED				
4000K - CRI 80 - Complete with dimmer				
23W	3400	25,3W	2643	14° MR19 01-74
20W	3400	23,9W	2514	36° MR20 01-74
20W	3400	23,9W	2479	48° MR21 01-74
3000K - CRI 90 - Complete with dimmer				
29W	3300	31W	2565	14° MR25 01-74
25W	3300	28,9W	2440	36° MR26 01-74
25W	3300	28,9W	2406	48° MR27 01-74
4000K - CRI 80 - DALI				
23W	3400	26,4W	2643	14° P253 01-74
21W	3400	23,7W	2514	36° P254 01-74
21W	3400	23,7W	2479	48° P255 01-74
3000K - CRI 90 - DALI				
29W	3300	33,3W	2565	14° P259 01-74
25W	3300	28,7W	2440	36° P260 01-74
25W	3300	28,7W	2406	48° P261 01-74

DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.

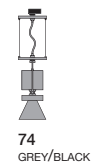
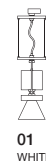
wall/ceiling-mounted



source	system			
W	lm	W	lm	optic code colour
complete with dimmer				
LED				
4000K - CRI 80 - Complete with dimmer				
23W	3400	25,3W	2643	14° MR01 01-15
20W	3400	23,9W	2514	36° MR02 01-15
20W	3400	23,9W	2479	48° MR03 01-15
3000K - CRI 90 - Complete with dimmer				
29W	3300	31W	2565	14° MR07 01-15
25W	3300	28,9W	2440	36° MR08 01-15
25W	3300	28,9W	2406	48° MR09 01-15



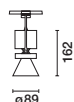
Le Perroquet



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W	code	colour
Track		
QR-CBC 51 (GU5,3) - LED (GU5,3)		
Electronic - Complete with dimmer		
50W (QR-CBC 51)	3231	01-74
8W (LED)		
Complete with suspension cables L=2000 (h max 2257), track adapter and power cable Compatible with Decostar IRC OSRAM		



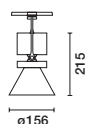
W	code	colour
Mounting base		
QR-CBC 51 (GU5,3) - LED (GU5,3)		
Electronic - Complete with dimmer		
50W (QR-CBC 51)	3151	15
8W (LED)		
Complete with suspension cables L=2000 (h max 2216), base and power supply cable Compatible with Decostar IRC OSRAM.		



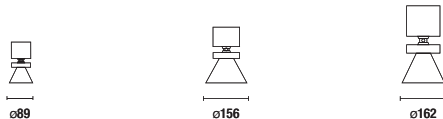
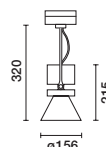
Suspension with base



source		system		optic	code	colour
W	lm	W	lm			
Track						
LED						
4000K - CRI 80 - Complete with dimmer						
23W	3400	25,3W	2643	14°	MP88	01-74
20W	3400	23,9W	2514	36°	MP89	01-74
20W	3400	23,9W	2479	48°	MP90	01-74
3000K - CRI 90 - Complete with dimmer						
29W	3300	31W	2565	14°	MP94	01-74
25W	3300	28,9W	2440	36°	MP95	01-74
25W	3300	28,9W	2406	48°	MP96	01-74
Complete with suspension cables L=2000 (h max 2313), track adapter and power cable. DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.						










source		system		optic	code	colour
W	lm	W	lm			
Mounting base						
LED						
4000K - CRI 80 - Complete with dimmer						
23W	3400	25,3W	2643	14°	MP70	15
20W	3400	23,9W	2514	36°	MP71	15
20W	3400	23,9W	2479	48°	MP72	15
3000K - CRI 90 - Complete with dimmer						
29W	3300	31W	2565	14°	MP76	15
25W	3300	28,9W	2440	36°	MP77	15
25W	3300	28,9W	2406	48°	MP78	15
Complete with suspension cables L=2000 (h max 2216), base and power supply cable.						



Optical accessories

	code	colour	code	colour	code	colour
Refractor for elliptical distribution	9538	24	9539	24	---	---
Coloured filters	9536	05-06-09	---	---	---	---
	9536	24				
IR filter	9541	24	---	---	---	---
45° cylindrical	9532	01-15	9533	01-15	---	---
Horizontal directional fins	9528	04	9529	04	---	---

	 ø89	 ø156	 ø162
Mounting accessories	code colour	code colour	code colour
 Ceiling base	MXZ2 01-04	MXZ2 01-04	--- ---
 Recessed base Hole for installation 108 mm	MXZ3 01-04	MXZ3 01-04	--- ---
 Casing for adapter IP40	MXZ5 01-04	MXZ5 01-04	--- ---
 Adapter reinforcement (wall installation)	X208 01-04	X208 01-04	--- ---



Templo Marina – Mexico City, Mexico
 Architectural project: Cherem Arquitectos
 Lighting project: Maurici Ginés
 Photographer: ©Jaime Navarro, courtesy of
 ©artec3 Studio

Front Light



ø 92



ø 116



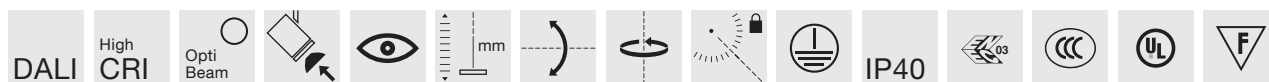
ø 140



track suspension



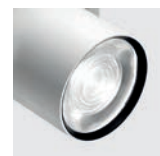
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- Installation on Mains Voltage track and on ceiling with power strip.
- In die-cast aluminium and thermoplastic material.
- Opti Beam interchangeable reflectors and refractors with high lighting efficiency and uniform distribution.
- High visual comfort.

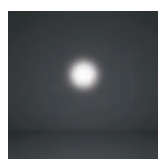
- 90° angle on horizontal plane and 360° rotation around the vertical axis with mechanical aiming lock.
- Systems with a dimmable electronic transformer are built using IGBT technology.
- C.o.B. LED Versions with passive dissipation.

- Complete with safety glass.

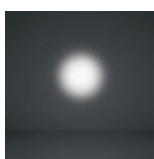


Opti Beam Lens
(Super Spot optics)

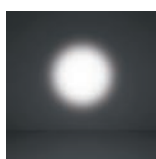
Optics



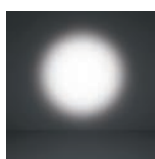
SS
α 4°-8°



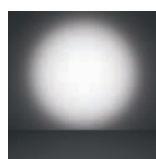
S
α 12°



M
α 16°



F
α 30°-32°



WF
α 42°
48°-56°



01
WHITE

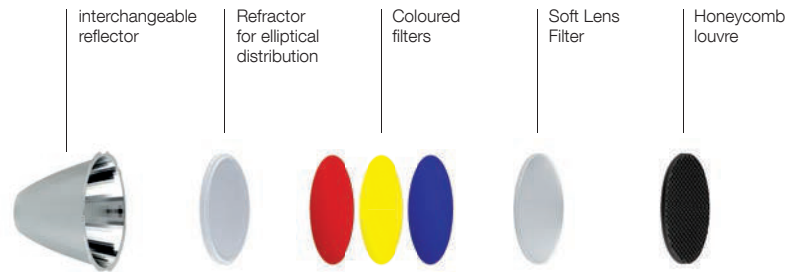


04
BLACK

Accessories

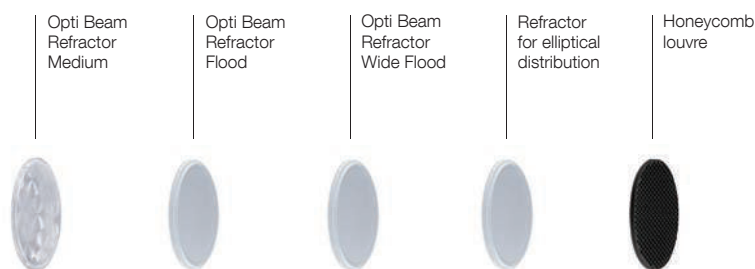
Opti Beam Reflector

The lenticular surface of the reflectors helps improve light distribution without affecting optical performance and therefore the efficiency of the luminaires.

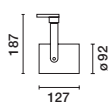


Opti Beam Lens

Two lenses in one, two innovations in a single lens. Maximum visual comfort ensured by a spill-ring inside the lens.

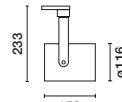


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source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80						
14W	2200	15,4W	1715	16°	N285	01-04
14W	2200	15,4W	1756	32°	N286	01-04
14W	2200	15,4W	1737	56°	N287	01-04
3000K - CRI 80						
14W	2100	15,4W	1637	16°	N288	01-04
14W	2100	15,4W	1676	32°	N289	01-04
14W	2100	15,4W	1658	56°	N290	01-04
3000K - CRI 90						
5,7W	510	8,5W	275	8°	P602	01-04
14W	1800	15,4W	1404	16°	N291	01-04
14W	1800	15,4W	1437	32°	N292	01-04
14W	1800	15,4W	1421	56°	N293	01-04
4000K - CRI 80 - DALI						
14W	2200	17W	1715	16°	QH23	01-04
14W	2200	17W	1756	32°	QH24	01-04
14W	2200	17W	1737	56°	QH25	01-04
3000K - CRI 80 - DALI						
14W	2100	17W	1637	16°	QH26	01-04
14W	2100	17W	1676	32°	QH27	01-04
14W	2100	17W	1658	56°	QH28	01-04
3000K - CRI 90 - DALI						
5,6W	500	8,8W	270	8°	QH29	01-04
14W	1800	17W	1404	16°	QH30	01-04
14W	1800	17W	1437	32°	QH31	01-04
14W	1800	17W	1421	56°	QH32	01-04

P603: Opti Beam Lens



source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80						
21W	3100	23,2W	2420	12°	MK95	01-04
21W	3100	23,2W	2382	30°	MK96	01-04
21W	3100	23,2W	2477	42°	MK97	01-04
3000K - CRI 80						
21W	3100	23,2W	2420	12°	MK98	01-04
21W	3100	23,2W	2382	30°	MK99	01-04
21W	3100	23,2W	2477	42°	ML00	01-04
3000K - CRI 90						
10W	810	12,8W	470	4°	P603	01-04
28W	3200	30,2W	2498	12°	MN52	01-04
28W	3200	30,2W	2459	30°	MN53	01-04
28W	3200	30,2W	2557	42°	MN54	01-04
4000K - CRI 80 - DALI						
21W	3100	24W	2420	12°	QH34	01-04
21W	3100	24W	2382	30°	QH36	01-04
21W	3100	24W	2477	42°	QH38	01-04
3000K - CRI 80 - DALI						
21W	3100	24W	2420	12°	QH40	01-04
21W	3100	24W	2382	30°	QH42	01-04
21W	3100	24W	2477	42°	QH44	01-04
3000K - CRI 90 - DALI						
10W	800	13,7W	464	4°	QH45	01-04
28W	3200	30,8W	2498	12°	QH47	01-04
28W	3200	30,8W	2459	30°	QH49	01-04
28W	3200	30,8W	2557	42°	QH51	01-04

P603: Opti Beam Lens

Front Light




01
WHITE

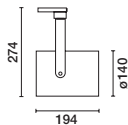



04
BLACK

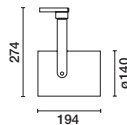

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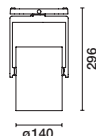

source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80					
32W	5100	34,5W	4022	16°	MK82 01-04
46W	6900	50,3W	5451	16°	P087 01-04
32W	5100	34,5W	4020	30°	MK83 01-04
46W	6900	50,3W	5439	32°	P088 01-04
32W	5100	34,5W	4024	48°	MK84 01-04
46W	6900	50,3W	5445	48°	P089 01-04
3000K - CRI 80					
33W	5100	35,5W	4022	16°	MK85 01-04
46W	6800	50,3W	5372	16°	P090 01-04
33W	5100	35,5W	4020	30°	MK86 01-04
46W	6800	50,3W	5360	32°	P091 01-04
33W	5100	35,5W	4024	48°	MK87 01-04
46W	6800	50,3W	5366	48°	P092 01-04
3000K - CRI 90					
41W	5300	44,1W	4180	16°	MN55 01-04
41W	5300	44,1W	4178	30°	MN56 01-04
41W	5300	44,1W	4182	48°	MN57 01-04

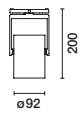

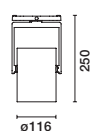
source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
32W	5100	35,6W	4022	16°	QH52 01-04
46W	6900	50,4W	5451	16°	QH53 01-04
32W	5100	35,6W	4020	30°	QH54 01-04
46W	6900	50,4W	5439	32°	QH55 01-04
32W	5100	35,6W	4024	48°	QH56 01-04
46W	6900	50,4W	5445	48°	QH57 01-04
3000K - CRI 80 - DALI					
33W	5100	36,7W	4022	16°	QH58 01-04
46W	6800	50,4W	5372	16°	QH59 01-04
33W	5100	36,7W	4020	30°	QH60 01-04
46W	6800	50,4W	5360	32°	QH61 01-04
33W	5100	36,7W	4024	48°	QH62 01-04
46W	6800	50,4W	5366	48°	QH63 01-04
3000K - CRI 90 - DALI					
41W	5300	50W	4180	16°	QH64 01-04
41W	5300	50W	4178	30°	QH65 01-04
41W	5300	50W	4182	48°	QH66 01-04



















source		system		optic	code colour
W	lm	W	lm		
LED					
3000K - CRI 90					
41W	5300	44,1W	4180	16°	N282 01-04
41W	5300	44,1W	4178	30°	N283 01-04
41W	5300	44,1W	4182	48°	N284 01-04
4000K - CRI 80					
46W	6900	50,3W	5451	16°	P093 01-04
46W	6900	50,3W	5439	32°	P094 01-04
46W	6900	50,3W	5445	48°	P095 01-04
3000K - CRI 80					
46W	6800	50,3W	5372	16°	P096 01-04
46W	6800	50,3W	5360	32°	P097 01-04
46W	6800	50,3W	5366	48°	P098 01-04
4000K - CRI 80 - DALI					
46W	6900	50,4W	5451	16°	QH76 01-04
46W	6900	50,4W	5439	32°	QH77 01-04
46W	6900	50,4W	5445	48°	QH78 01-04
3000K - CRI 80 - DALI					
46W	6800	50,4W	5372	16°	QH79 01-04
46W	6800	50,4W	5360	32°	QH80 01-04
46W	6800	50,4W	5366	48°	QH81 01-04
3000K - CRI 90 - DALI					
41W	5300	50W	4180	16°	QH82 01-04
41W	5300	50W	4178	30°	QH83 01-04
41W	5300	50W	4182	48°	QH84 01-04

source		system		optic	code colour
W	lm	W	lm		
LED					
3000K - CRI 90 - DALI					
14W	1800	17W	1404	16°	QH67 01-04
14W	1800	17W	1437	32°	QH68 01-04
14W	1800	17W	1421	56°	QH69 01-04
3000K - CRI 90 - DALI					
28W	3200	30,8W	2498	12°	QH71 01-04
28W	3200	30,8W	2459	30°	QH73 01-04
28W	3200	30,8W	2557	42°	QH75 01-04

			
Optical accessories	code colour	code colour	code colour
 Opti Beam Refractor			
medium	MY47 24	MZ75 24	--- ---
flood	MY48 24	MZ76 24	--- ---
wide flood	MY49 24	MZ77 24	--- ---
 Interchangeable reflectors for LED C.o.B.			
spot	MXV2 12	MX90 12	--- ---
medium	--- ---	--- ---	MXA6 12
flood	MXV3 12	MX92 12	MXA7 12
wide flood	MXV4 12	MX93 12	MXA8 12
 Honeycomb louvre	MY90 04 for Opti Beam Lens	MY91 04 for Opti Beam Lens MWY8 04 for Opti Beam Reflector	MWY9 04 for Opti Beam Lens
 "Soft Lens" filter	--- ---	MXW3 24 for Opti Beam Reflector	MWM6 24 for Opti Beam Reflector
 Refractor for elliptical distribution	MY34 24 for Opti Beam Lens MXV1 24 for Opti Beam Reflector	MY35 24 for Opti Beam Lens MXV6 24 for Opti Beam Reflector	--- ---

			
Mounting accessories	code colour	code colour	code colour
 Ceiling base	MXZ2 01-04	MXZ2 01-04	MXZ2 01-04
 Recessed base Hole for installation 108 mm	MXZ3 01-04	MXZ3 01-04	MXZ3 01-04
 Casing for adapter IP40	MXZ5 01-04	MXZ5 01-04	MXZ5 01-04
 Adapter reinforcement (wall installation)	X208 01-04	X208 01-04	X208 01-04



ø 65



ø 86



ø 120



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- Mains Voltage track installation plus extruded aluminium channel complete with track; the channel may be installed suspended with cables or stiff rods and on ceiling.
- In die-cast aluminium and thermoplastic material.

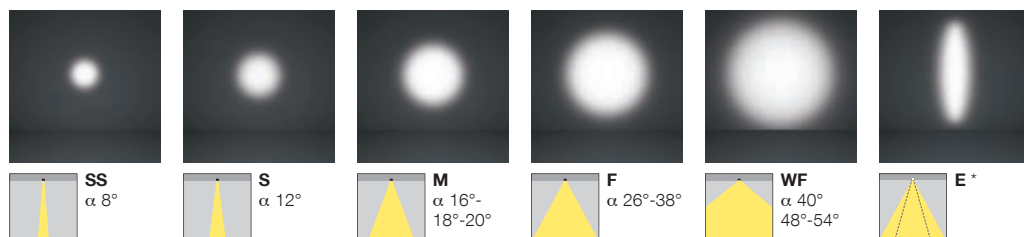
- Reflector and refractor in super-pure aluminium ensuring high lighting efficiency and uniform distribution.
- High visual comfort.
- 90° angle on horizontal plant and 360° rotation around the vertical axis with mechanical aiming lock.

- C.o.B. LED Versions with passive dissipation.
- Complete with safety glass.



Opti Beam Lens (Super Spot optics)

Optics



* Elliptical optics are obtained by installing the specific accessory.



01
WHITE

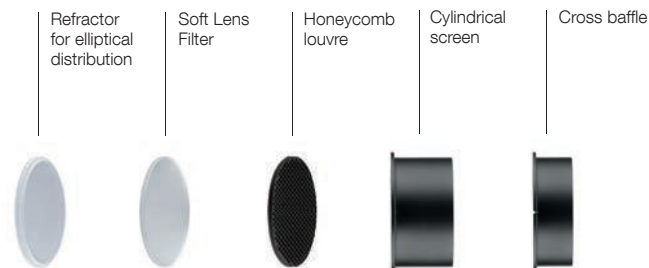


04
BLACK

Accessories

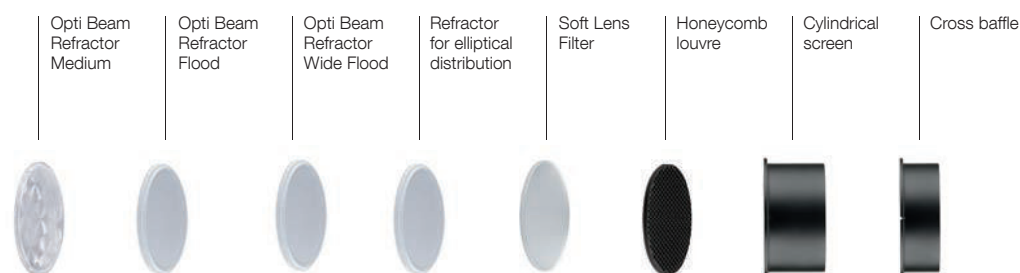
Opti Beam Reflector

The lenticular surface of the reflectors helps improve light distribution without affecting optical performance and therefore the efficiency of the luminaires.



Opti Beam Lens

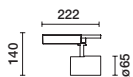
Two lenses in one, two innovations in a single lens. Maximum visual comfort ensured by a spill-ring inside the lens.



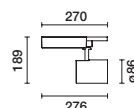
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source		system				optic	code	colour
W	lm	W	lm	W	lm			
LED								
4000K - CRI 80								
11W	1600	13W	1104	16°		P654	01-04	
11W	1600	13W	1184	26°		P655	01-04	
3000K - CRI 90								
14W	1600	15,9W	1104	16°		P656	01-04	
14W	1600	15,9W	1184	26°		P657	01-04	
4000K - CRI 80 - DALI								
11W	1600	12,4W	1104	16°		P658	01-04	
11W	1600	12,4W	1184	26°		P659	01-04	
3000K - CRI 90 - DALI								
14W	1600	15,4W	1104	16°		P660	01-04	
14W	1600	15,4W	1184	26°		P661	01-04	



source		system				optic	code	colour
W	lm	W	lm	W	lm			
LED								
3000K - CRI 80								
21W	3000	24,6W	2040	18°		MR90	01-04	
21W	3000	24,6W	2190	20°		N351	01-04	
21W	3000	24,6W	2247	40°		N353	01-04	
21W	3000	24,6W	2278	54°		N355	01-04	
3000K - CRI 90								
5,7W	510	7,6W	286	8°		P610	01-04	
25W	3000	29,3W	2040	18°		MR91	01-04	
25W	3000	29,3W	2190	20°		N352	01-04	
25W	3000	29,3W	2247	40°		N354	01-04	
25W	3000	29,3W	2278	54°		N356	01-04	
4000K - CRI 80								
20W	3000	23,9W	2040	18°		P662	01-04	
20W	3000	23,9W	2190	20°		P663	01-04	
20W	3000	23,9W	2247	40°		P664	01-04	
20W	3000	23,9W	2278	54°		P665	01-04	




P610: Opti Beam Lens



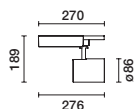

01
WHITE

04
BLACK

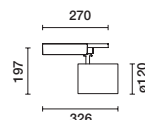
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source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80 - DALI						
20W	3000	22,7W	2040	18°	P666	01-04
20W	3000	22,7W	2190	20°	P667	01-04
20W	3000	22,7W	2247	40°	P668	01-04
20W	3000	22,7W	2278	54°	P669	01-04
3000K - CRI 80 - DALI						
21W	3000	23,4W	2040	18°	P670	01-04
21W	3000	23,4W	2190	20°	P671	01-04
21W	3000	23,4W	2247	40°	P672	01-04
21W	3000	23,4W	2278	54°	P673	01-04
3000K - CRI 90 - DALI						
25W	3000	28,3W	2040	18°	P674	01-04
25W	3000	28,3W	2190	20°	P675	01-04
25W	3000	28,3W	2247	40°	P676	01-04
25W	3000	28,3W	2278	54°	P677	01-04

source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80						
29W	4000	32,2W	2920	12°	P678	01-04
32W	5000	35,6W	3450	20°	P679	01-04
32W	5000	35,6W	3945	38°	P680	01-04
32W	5000	35,6W	3796	48°	P681	01-04
3000K - CRI 80						
30W	4000	33,4W	2920	12°	P682	01-04
33W	5000	36,8W	3450	20°	P683	01-04
33W	5000	36,8W	3945	38°	P684	01-04
33W	5000	36,8W	3796	48°	P685	01-04
3000K - CRI 90						
10W	790	13,1W	435	4°	P611	01-04
31W	3500	34,4W	2555	12°	P686	01-04
41W	5000	44,8W	3450	20°	P687	01-04
41W	5000	44,8W	3945	38°	P688	01-04
41W	5000	44,8W	3796	48°	P689	01-04
4000K - CRI 80 - DALI						
29W	4000	32,1W	2920	12°	P690	01-04
32W	5000	35,2W	3450	20°	P691	01-04
32W	5000	35,2W	3945	38°	P692	01-04
32W	5000	35,2W	3796	48°	P693	01-04
3000K - CRI 80 - DALI						
30W	4000	33,1W	2920	12°	P694	01-04
33W	5000	36,2W	3450	20°	P695	01-04
33W	5000	36,2W	3945	38°	P696	01-04
33W	5000	36,2W	3796	48°	P697	01-04
3000K - CRI 90 - DALI						
31W	3500	34W	2555	12°	P698	01-04
33W	4400	35,7W	3036	20°	P699	01-04
33W	4400	35,7W	3471	38°	P700	01-04
33W	4400	35,7W	3341	48°	P701	01-04



P610: Opti Beam Lens

P611: Opti Beam Lens

Optical accessories



Opti Beam Refractor

medium

code colour

code colour

code colour

MY47 24

MZ75 24

flood

MY48 24

MZ76 24

wide flood

MY49 24

MZ77 24



Honeycomb louvre

MY90 04
for Opti Beam Lens

MY91 04
for Opti Beam Lens



Cross Baffle

MY52 04-47

MY88 04-47



"Soft Lens" filter

MY51 24
for Opti Beam Reflector

MY46 24
for Opti Beam Reflector

MXW3 24
MWN5 24
for Opti Beam Reflector



Refractor for elliptical distribution

MY45 24
for Opti Beam Reflector

MY34 24
for Opti Beam Lens

MXV6 24
MY35 24
for Opti Beam Lens
MWD6 24
for Opti Beam Reflector



Cylindrical screen

MY85 04-47

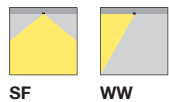
MY89 04-47

**Philip Morris secteur iQos HQ
Losanne, Switzerland**

Client: Philip Morris International
Architectural Project: SAS Architecture
in collaboration with Alexandre Boyer
Photo: Julia Wimmerlin



View Opti Linear



130x110

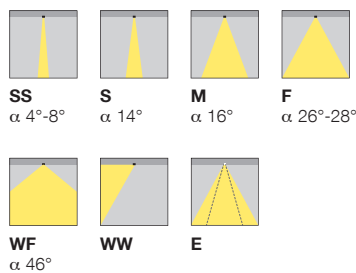


170x126



210x146

View Opti Beam Lens

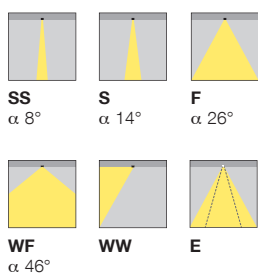


ø 126



ø 156

View Opti Beam Lens / Track Low Voltage



ø 126

View Opti Linear



Ceiling Washer



170x58



210x67



ø 126



ø 156



ø 126



110x130



126x170



146x210



170x126



210x146



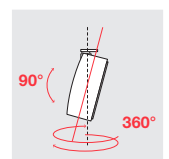
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- Installation on Mains Voltage track and on ceiling with power strip.
- In die-cast aluminium and thermoplastic material.
- Super-pure aluminium optics.
- High visual comfort (when used with related accessories).

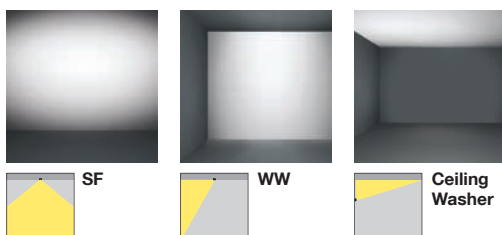
- 90° angle on the horizontal plane; 360° rotation around the vertical axis with related mechanical aiming lock.
- Linear PCB LEDs with passive dissipation and high lighting efficiency.

- Complete with safety screen.



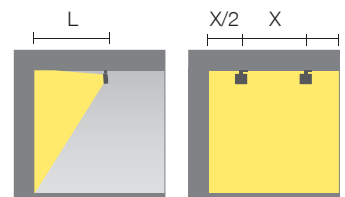
Dual rotation

Optics




Wall Washer Quality

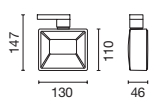
Correct installation distances to achieve uniform lighting of the walls.




Version (mm)	L (m)	X (m)	X/2 (m)
110x130	1,0	1,0	0,5
126x170	1,0	1,3	0,65
146x210	1,0	1,5	0,75



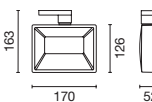
source		system				code colour
W	lm	W	lm	optic		
LED						
4000K - CRI 80						
14W	1700	17,8W	1530	82° / 104°		P128 04-47
3000K - CRI 80						
17W	1700	19,6W	1530	82° / 104°		N983 04-47
3000K - CRI 90						
17W	1450	19,6W	1305	82° / 104°		N984 04-47
4000K - CRI 80 - DALI						
14W	1700	16,8W	1530	82° / 104°		P636 04-47
3000K - CRI 80 - DALI						
17W	1700	19,8W	1530	82° / 104°		P637 04-47
3000K - CRI 90 - DALI						
17W	1450	19,8W	1305	82° / 104°		P638 04-47




147, 130, 110, 46



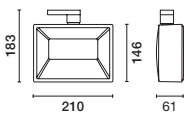
source		system				code colour
W	lm	W	lm	optic		
LED						
4000K - CRI 80						
29W	3450	33,4W	3105	80° / 106°		N994 04-47
3000K - CRI 80						
33W	3450	38,6W	3105	80° / 106°		N995 04-47
3000K - CRI 90						
33W	2800	38,6W	2520	80° / 106°		N996 04-47
4000K - CRI 80 - DALI						
29W	3450	33,4W	3105	80° / 106°		P639 04-47
3000K - CRI 80 - DALI						
33W	3450	38,6W	3105	80° / 106°		P640 04-47
3000K - CRI 90 - DALI						
33W	2800	38,6W	2520	80° / 106°		P641 04-47




163, 170, 126, 52



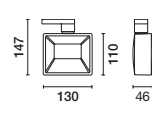
source		system				code colour
W	lm	W	lm	optic		
LED						
4000K - CRI 80						
43W	4500	48,1W	4050	80° / 106°		P000 04-47
3000K - CRI 80						
43W	4150	48,1W	3735	80° / 106°		P002 04-47
3000K - CRI 90						
43W	3400	48,1W	3060	80° / 106°		P003 04-47
4000K - CRI 80 - DALI						
43W	4500	48,1W	4050	80° / 106°		P642 04-47
3000K - CRI 80 - DALI						
43W	4150	48,1W	3735	80° / 106°		P643 04-47
3000K - CRI 90 - DALI						
43W	3400	48,1W	3060	80° / 106°		P644 04-47




183, 210, 146, 61



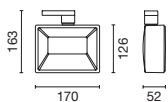
source		system				code colour
W	lm	W	lm	optic		
LED						
4000K - CRI 80						
14W	1700	17,8W	1190	WW		P007 04-47
3000K - CRI 80						
17W	1700	19,6W	1190	WW		P008 04-47
3000K - CRI 90						
17W	1450	19,6W	1015	WW		P009 04-47
4000K - CRI 80 - DALI						
14W	1700	16,8W	1190	WW		P645 04-47
3000K - CRI 80 - DALI						
17W	1700	19,8W	1190	WW		P646 04-47
3000K - CRI 90 - DALI						
17W	1450	19,8W	1015	WW		P647 04-47




147, 130, 110, 46



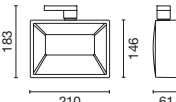
source		system				code colour
W	lm	W	lm	optic		
LED						
4000K - CRI 80						
29W	3450	33,4W	2760	WW		P019 04-47
3000K - CRI 80						
33W	3450	38,6W	2760	WW		P021 04-47
3000K - CRI 90						
33W	2850	38,6W	2280	WW		P022 04-47
4000K - CRI 80 - DALI						
29W	3450	33,4W	2760	WW		P648 04-47
3000K - CRI 80 - DALI						
33W	3450	38,6W	2760	WW		P649 04-47
3000K - CRI 90 - DALI						
33W	2850	38,6W	2280	WW		P650 04-47



163, 170, 126, 52



source		system				code colour
W	lm	W	lm	optic		
LED						
4000K - CRI 80						
43W	4550	48,1W	3640	WW		P026 04-47
3000K - CRI 80						
43W	4150	48,1W	3320	WW		P027 04-47
3000K - CRI 90						
43W	3400	48,1W	2720	WW		P028 04-47
4000K - CRI 80 - DALI						
43W	4550	48,1W	3640	WW		P651 04-47
3000K - CRI 80 - DALI						
43W	4150	48,1W	3320	WW		P652 04-47
3000K - CRI 90 - DALI						
43W	3400	48,1W	2720	WW		P653 04-47



183, 210, 146, 61

View Opti Linear



47
WHITE/BLACK



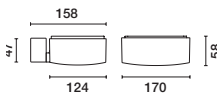
04
BLACK

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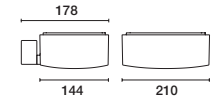
wall-mounted



source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80						
29W	3450	33,4W	2760	WW	N988	47
3000K - CRI 80						
33W	3450	38,6W	2760	WW	N989	47
4000K - CRI 80 - DALI						
29W	3450	33,4W	2760	WW	N990	47
3000K - CRI 80 - DALI						
33W	3450	38,6W	2760	WW	N991	47



source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80						
43W	4550	48,1W	3640	WW	N992	47
3000K - CRI 80						
43W	4150	48,1W	3320	WW	N993	47
4000K - CRI 80 - DALI						
43W	4550	48,1W	3640	WW	P013	47
3000K - CRI 80 - DALI						
43W	4150	48,1W	3320	WW	P014	47



Accessories



130



170 / 210



130



170 / 210

Optical accessories

	code	colour	code	colour
Anti-glare screen	MXV7	04	MXV8	04
Asymmetrical screen	MXV9	04	MXW0	04

Mounting accessories

	code	colour	code	colour
Ceiling base	MXZ2	01-04	MXZ2	01-04
Recessed base Hole for installation 108 mm	MXZ3	01-04	MXZ3	01-04
Casing for adapter IP40	MXZ5	01-04	MXZ5	01-04
Adapter reinforcement (wall installation)	X208	01-04	X208	01-04

Holy Deer San Lorenzo Lodge – Rome, Italy

Architectural and Lighting Project: FM Architettura d'Interni
Photographer: Giovanni De Sandre



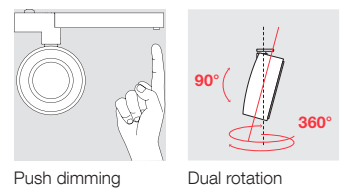


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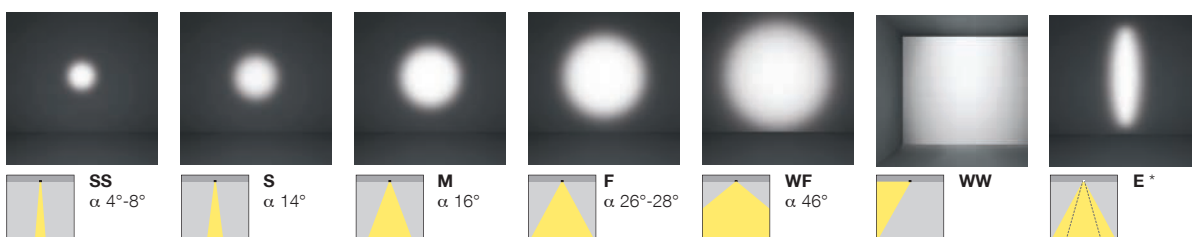


- Mains Voltage track installation.
- Round and square versions.
- In die-cast aluminium and thermoplastic material.
- Opti Beam lens in thermoplastic material for a well-defined light cone.

- High visual comfort (when used with related accessories).
- 90° angle on the horizontal plane; 360° rotation around the vertical axis with related mechanical aiming lock.
- High-efficiency C.o.B. LEDs with passive dissipation.



Optics



* Elliptical optics are obtained by installing the specific accessory.



47
WHITE/BLACK

04
BLACK

Accessories

Two technologies available and multiple combinations to ensure maximum application flexibility and visual comfort.

The Opti Beam lens produces an extremely concentrated cone (SS) with sharp edges without a double ring effect. In combination, it is possible to fit Opti Beam interchangeable refractors to open the beam to medium, flood and wide flood.

Interchangeable Opti Beam reflectors, on the other hand, produce medium, flood and wide flood cones with higher luminous flux.

Optical and photometric accessories to expand and modulate light emissions.

* Accessory ring and cylindrical screen at 45° allowing installation of up to two flat accessories.

Indoor lighting systems

Opti Beam Refractor Medium

Opti Beam Refractor Flood

Opti Beam Refractor Wide Flood

Opti Beam Refractor Oval



Outdoor lighting systems

Accessory mounting ring *

Cylindrical Screen at 45°

Opti Beam Refractor Wall Washer

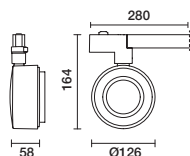
Refractor for elliptical distribution

Soft Lens Filter

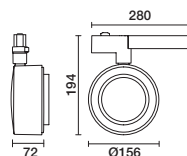
Honeycomb louvre



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source		system				optic	code	colour
W	lm	W	lm					
LED								
4000K - CRI 80 - Push Dim								
18W	2400	21,3W	1656	WW		Q280	04-47	
4000K - CRI 97 - Push Dim								
18W	1850	21,3W	1277	WW		QH07	04-47	
3000K - CRI 90 - Push Dim								
18W	2000	21,3W	1380	WW		Q285	04-47	
3000K - CRI 97 - Push Dim								
18W	1800	21,3W	1242	WW		QH08	04-47	
4000K - CRI 80 - DALI								
18W	2400	21,3W	1656	WW		Q290	04-47	
4000K - CRI 97 - DALI								
18W	1850	21,3W	1277	WW		QH09	04-47	
3000K - CRI 90 - DALI								
18W	2000	21,3W	1380	WW		Q295	04-47	
3000K - CRI 97 - DALI								
18W	1800	21,3W	1242	WW		QH10	04-47	



source		system				optic	code	colour
W	lm	W	lm					
LED								
4000K - CRI 80 - Push Dim								
25W	3500	29W	2416	WW		Q300	04-47	
4000K - CRI 97 - Push Dim								
25W	2700	29W	1864	WW		QH11	04-47	
3000K - CRI 90 - Push Dim								
25W	2950	29W	2036	WW		Q305	04-47	
3000K - CRI 97 - Push Dim								
25W	2600	29W	1795	WW		QH12	04-47	
4000K - CRI 80 - DALI								
25W	3500	29W	2416	WW		Q310	04-47	
4000K - CRI 97 - DALI								
25W	2700	29W	1864	WW		QH13	04-47	
3000K - CRI 90 - DALI								
25W	2950	29W	2036	WW		Q315	04-47	
3000K - CRI 97 - DALI								
25W	2600	29W	1795	WW		QH14	04-47	

View Opti Beam Lens



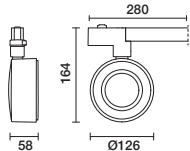
47
WHITE/BLACK

04
BLACK

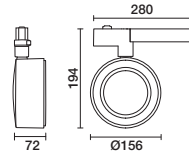
47
WHITE/BLACK

04
BLACK

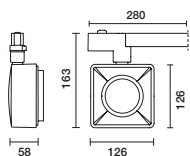
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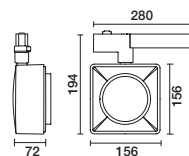
source W	lm	system W	lm	optic	code colour
LED					
4000K - CRI 80 - Push Dim					
10W	1100	14,8W	550	8°	Q276 04-47
18W	2400	21,3W	2040	14°	Q277 04-47
18W	2400	21,3W	2011	26°	Q278 04-47
18W	2400	21,3W	1990	46°	Q279 04-47
4000K - CRI 97 - Push Dim					
18W	1850	21,3W	1573	14°	QG82 04-47
18W	1850	21,3W	1550	26°	QG83 04-47
18W	1850	21,3W	1534	46°	QG84 04-47
3000K - CRI 90 - Push Dim					
10W	810	14,8W	405	8°	Q281 04-47
18W	2000	21,3W	1700	14°	Q282 04-47
18W	2000	21,3W	1675	26°	Q283 04-47
18W	2000	21,3W	1658	46°	Q284 04-47
3000K - CRI 97 - Push Dim					
18W	1800	21,3W	1530	14°	QG85 04-47
18W	1800	21,3W	1508	26°	QG86 04-47
18W	1800	21,3W	1493	46°	QG87 04-47
4000K - CRI 80 - DALI					
10W	1100	14,8W	550	8°	Q286 04-47
18W	2400	21,3W	2040	14°	Q287 04-47
18W	2400	21,3W	2011	26°	Q288 04-47
18W	2400	21,3W	1990	46°	Q289 04-47
4000K - CRI 97 - DALI					
18W	1850	21,3W	1573	14°	QG88 04-47
18W	1850	21,3W	1550	26°	QG89 04-47
18W	1850	21,3W	1534	46°	QG90 04-47
3000K - CRI 90 - DALI					
10W	810	14,8W	405	8°	Q291 04-47
18W	2000	21,3W	1700	14°	Q292 04-47
18W	2000	21,3W	1675	26°	Q293 04-47
18W	2000	21,3W	1658	46°	Q294 04-47
3000K - CRI 97 - DALI					
18W	1800	21,3W	1530	14°	QG91 04-47
18W	1800	21,3W	1508	26°	QG92 04-47
18W	1800	21,3W	1493	46°	QG93 04-47



source W	lm	system W	lm	optic	code colour
LED					
4000K - CRI 80 - Push Dim					
12W	1150	16,8W	633	4°	Q296 04-47
25W	3500	29W	3045	16°	Q297 04-47
25W	3500	29W	3010	28°	Q298 04-47
25W	3500	29W	2870	46°	Q299 04-47
4000K - CRI 97 - Push Dim					
25W	2700	29W	2349	16°	QG94 04-47
25W	2700	29W	2322	28°	QG95 04-47
25W	2700	29W	2214	46°	QG96 04-47
3000K - CRI 90 - Push Dim					
12W	870	16,8W	479	4°	Q301 04-47
25W	2950	29W	2567	16°	Q302 04-47
25W	2950	29W	2537	28°	Q303 04-47
25W	2950	29W	2419	46°	Q304 04-47
3000K - CRI 97 - Push Dim					
25W	2600	29W	2262	16°	QG97 04-47
25W	2600	29W	2236	28°	QG98 04-47
25W	2600	29W	2132	46°	QG99 04-47
4000K - CRI 80 - DALI					
12W	1150	16,8W	633	4°	Q306 04-47
25W	3500	29W	3045	16°	Q307 04-47
25W	3500	29W	3010	28°	Q308 04-47
25W	3500	29W	2870	46°	Q309 04-47
4000K - CRI 97 - DALI					
25W	2700	29W	2349	16°	QH01 04-47
25W	2700	29W	2322	28°	QH02 04-47
25W	2700	29W	2214	46°	QH03 04-47
3000K - CRI 90 - DALI					
12W	870	16,8W	479	4°	Q311 04-47
25W	2950	29W	2567	16°	Q312 04-47
25W	2950	29W	2537	28°	Q313 04-47
25W	2950	29W	2419	46°	Q314 04-47
3000K - CRI 97 - DALI					
25W	2600	29W	2262	16°	QH04 04-47
25W	2600	29W	2236	28°	QH05 04-47
25W	2600	29W	2132	46°	QH06 04-47



source W	lm	system W	lm	optic	code colour
LED					
4000K - CRI 80 - Push Dim					
18W	2400	21,3W	1656	WW	Q320 04-47
3000K - CRI 90 - Push Dim					
18W	2000	21,3W	1380	WW	Q325 04-47
4000K - CRI 80 - DALI					
18W	2400	21,3W	1656	WW	Q330 04-47
3000K - CRI 90 - DALI					
18W	2000	21,3W	1380	WW	Q335 04-47



source W	lm	system W	lm	optic	code colour
LED					
4000K - CRI 80 - Push Dim					
25W	3500	29W	2416	WW	Q340 04-47
3000K - CRI 90 - Push Dim					
25W	2950	29W	2036	WW	Q345 04-47
4000K - CRI 80 - DALI					
25W	3500	29W	2416	WW	Q350 04-47
3000K - CRI 90 - DALI					
25W	2950	29W	2036	WW	Q355 04-47



47
WHITE/BLACK

04
BLACK

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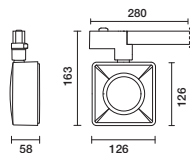
source		system			code	colour
W	lm	W	lm	optic		

LED						
4000K - CRI 80 - Push Dim						
10W	1100	14,8W	550	8°	Q316	04-47
18W	2400	21,3W	2040	14°	Q317	04-47
18W	2400	21,3W	2011	26°	Q318	04-47
18W	2400	21,3W	1990	46°	Q319	04-47

3000K - CRI 90 - Push Dim						
10W	810	14,8W	405	8°	Q321	04-47
18W	2000	21,3W	1700	14°	Q322	04-47
18W	2000	21,3W	1675	26°	Q323	04-47
18W	2000	21,3W	1658	46°	Q324	04-47

4000K - CRI 80 - DALI						
10W	1100	14,8W	550	8°	Q326	04-47
18W	2400	21,3W	2040	14°	Q327	04-47
18W	2400	21,3W	2011	26°	Q328	04-47
18W	2400	21,3W	1990	46°	Q329	04-47

3000K - CRI 90 - DALI						
10W	810	14,8W	405	8°	Q331	04-47
18W	2000	21,3W	1700	14°	Q332	04-47
18W	2000	21,3W	1675	26°	Q333	04-47
18W	2000	21,3W	1658	46°	Q334	04-47



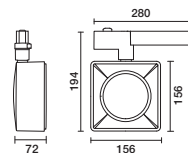
source		system			code	colour
W	lm	W	lm	optic		

LED						
4000K - CRI 80 - Push Dim						
12W	1150	16,8W	633	4°	Q336	04-47
25W	3500	29W	3045	16°	Q337	04-47
25W	3500	29W	3010	28°	Q338	04-47
25W	3500	29W	2870	46°	Q339	04-47

3000K - CRI 90 - Push Dim						
12W	870	16,8W	479	4°	Q341	04-47
25W	2950	29W	2567	16°	Q342	04-47
25W	2950	29W	2537	28°	Q343	04-47
25W	2950	29W	2419	46°	Q344	04-47

4000K - CRI 80 - DALI						
12W	1150	16,8W	633	4°	Q346	04-47
25W	3500	29W	3045	16°	Q347	04-47
25W	3500	29W	3010	28°	Q348	04-47
25W	3500	29W	2870	46°	Q349	04-47

3000K - CRI 90 - DALI						
12W	870	16,8W	479	4°	Q351	04-47
25W	2950	29W	2567	16°	Q352	04-47
25W	2950	29W	2537	28°	Q353	04-47
25W	2950	29W	2419	46°	Q354	04-47



Optical accessories

	code	colour	code	colour
Accessory mounting ring	MZ18	04	MZ19	04
Opti Beam Refractor				
oval	MZ29	24	MZ34	24
medium	MZ26	24	MZ31	24
flood	MZ27	24	MZ32	24
wide flood	MZ28	24	MZ33	24
wall washer	MZ30	24	MZ35	24
Honeycomb louvre	MZ20	04	MZ21	04
"Soft Lens" filter	MZ24	24	MZ25	24
Refractor for elliptical distribution	MY34	24	MY35	24
45° cylindrical screen	MZ16	04	MZ17	04

* Installation with accessory support ring or cylindrical screen at 45°

Mains Voltage Track

Ceiling / Suspension



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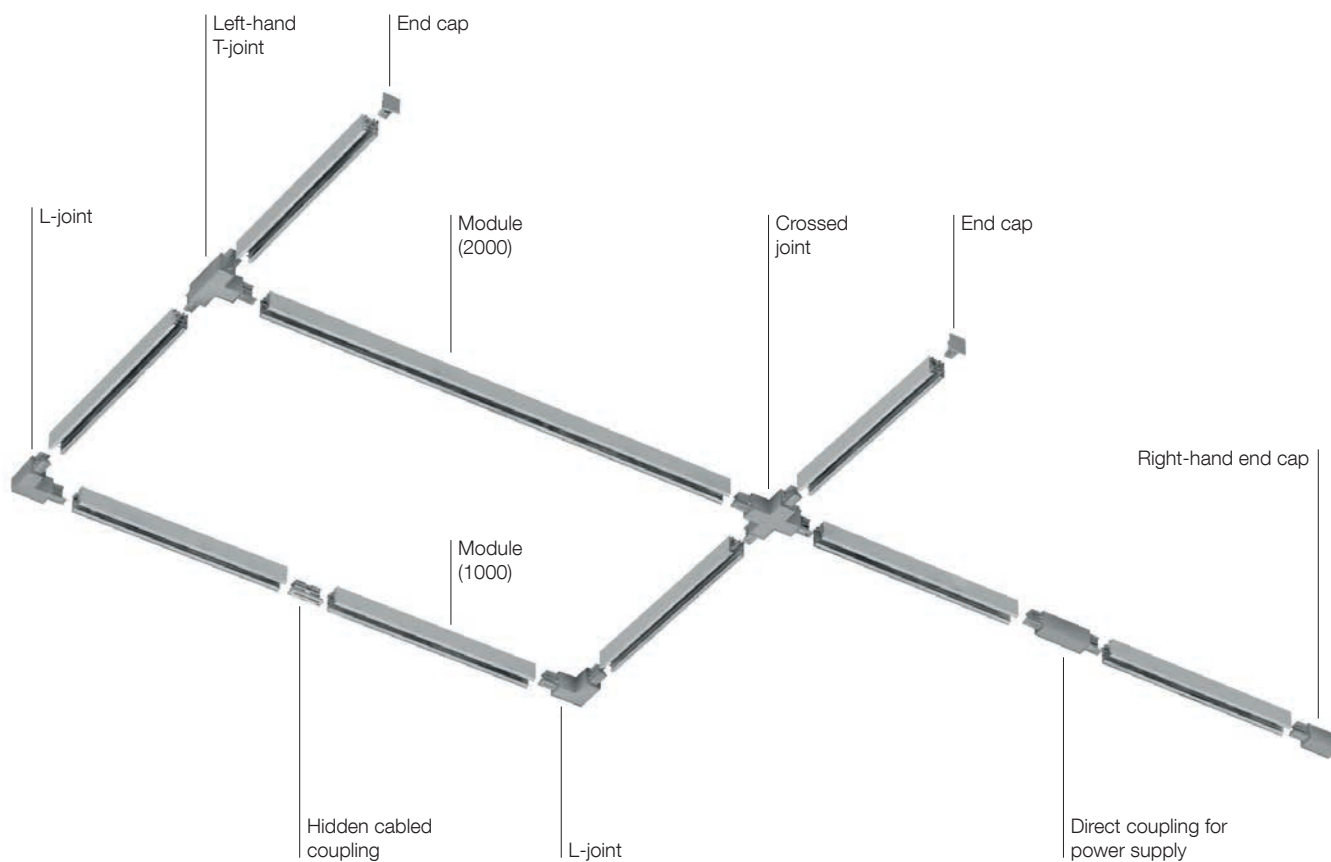


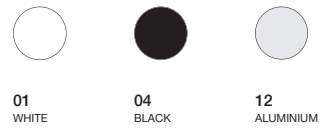
IP20



- In extruded aluminium.
- Available in several lengths: 1000/2000/3000/4000 mm.
- The track houses 6 leads. 4 for three-phase mode, 2 for DALI mode. The leds are enclosed in stiff extruded profiles in insulating material ensuring high electrical rigidity.
- 3 phase leads with shared neutral form 3 separate circuits allowing 3 separate switch-on points. On powering the track from single-phase mains, the maximum applicable load is 16A (3500VA) FELV and 2x1A for DALI contacts.
- Connection to the three-phase mains allows a total load of 16A (10500VA), DALI 2X1A (100VA) FELV.
- The lateral position of the ground/earth contact means that the track structure is asymmetrical and connection joints must be chosen accordingly.
- Possibility of ceiling and suspension installation (without exceeding the maximum loads).

Composition



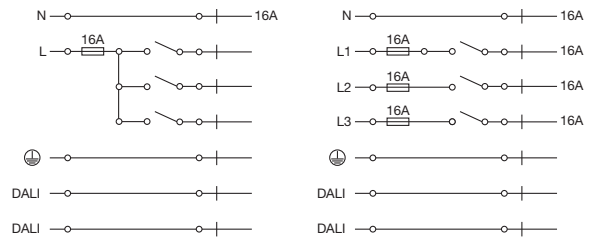


Multi-phase tracks

The cross-section of the electrical leads allows the following installation possibilities:

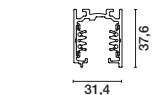
Operating voltage 220/250V.
Connection to a single-phase 220/250V mains electricity supply allows an overall load of 16 A corresponding to 3500/4000 VA shared over the 3 circuits.

Operating voltage 220/380V.
Connection to a three-phase 220/380V mains electricity supply allows an overall load of 16 A corresponding to 10500 VA shared over the 3 circuits (3 x 3500 VA).



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length	code	colour
Module		
DALI		
1000	P289	01-04-12
2000	P290	01-04-12
3000	P291	01-04-12
4000	P292	01-04-12



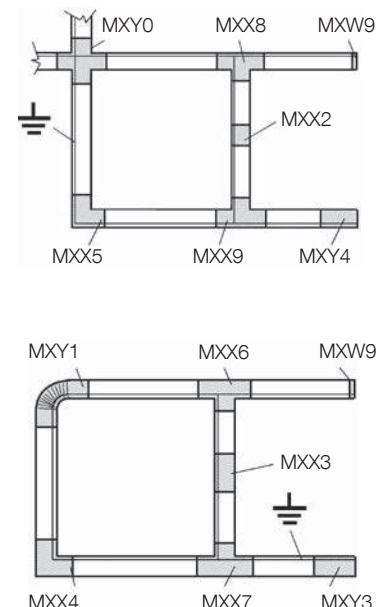
Accessories

Mounting accessories	code	colour
Suspension rods		
h=1000	MWW4	01-04
Suspension cable		
L=2000	MX66	12
with millimetrical adjustment L=2000	MWW6	01-04
Hook - 10 Kg	MWW9	10
Cover strip with IP40 cap		
L=1000	MWW7	01-04
Terminal for fitting on ceiling	MWW8	00
Dual cable suspension cable	MWW5	01-04-15

Components

Control gear	code	colour	Control gear	code	colour
Power supply cable L=2200	MXZ4	01-04-15	Concealed coupling with wiring dim. x=115	MXX2	01-04
L-joint for earth lead dim. x=90/a=74			Direct coupling for power supply	MXX3	01-04
Internal	MXX4	01-04	Flexible joint dim. x=90/a=84	MXY1	01-04
external	MXX5	01-04	Lead cutter	MY00	00
T-joint for earth lead dim. x=148/a=74			DALI end cap dim. X=90		
dx + internal	MXX6	01-04	right	MXY3	01-04
sx + internal	MXX7	01-04	left	MXY4	01-04
dx + external	MXX8	01-04	End cap	MXW9	01-04
sx + external	MXX9	01-04			
Cross joint dim= x148 / a= 74	MXYO	01-04			

View from ground



Mains Voltage Track Downlight



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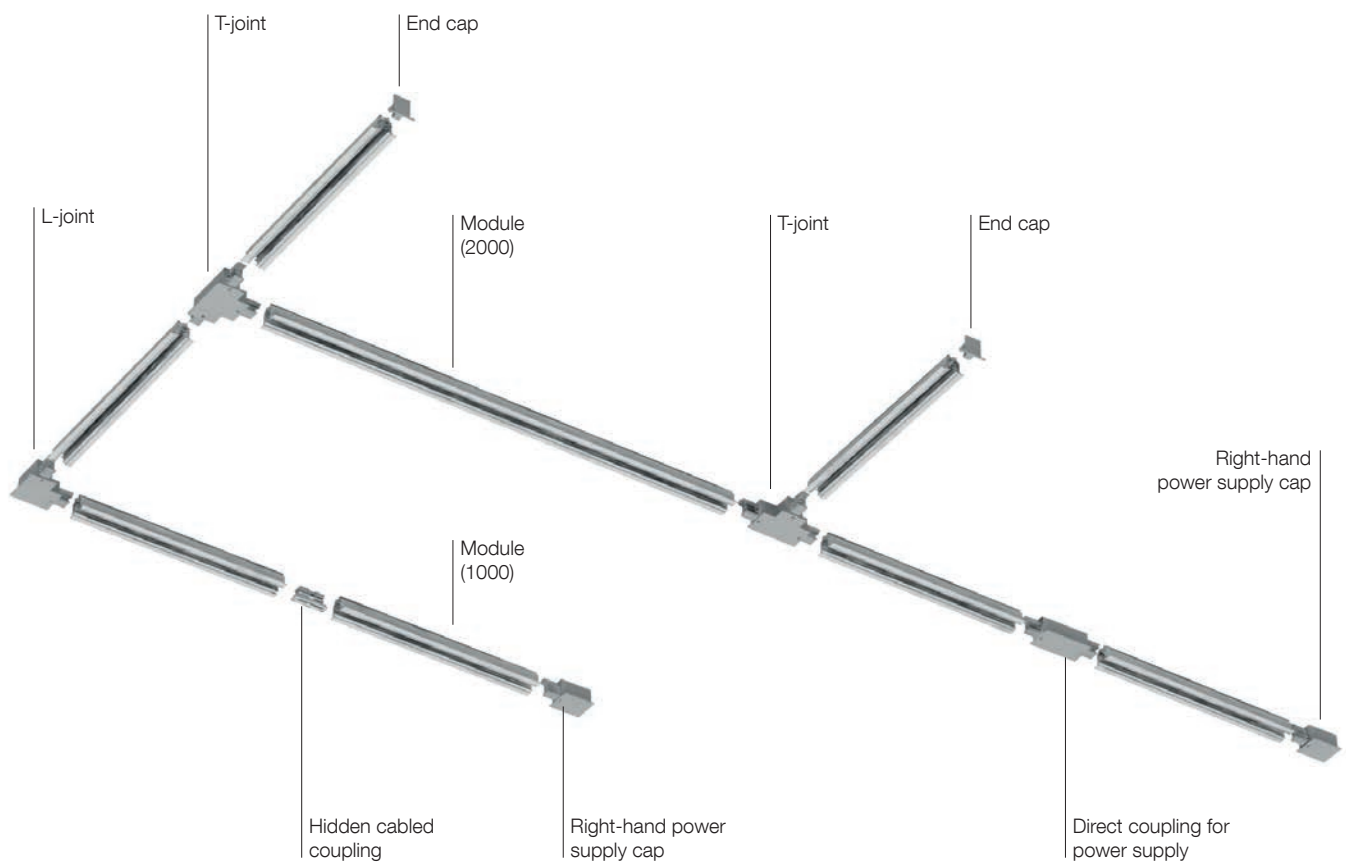


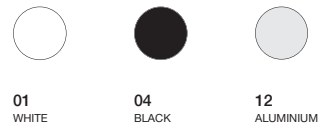
IP20



- In extruded aluminium.
- Available in several lengths: 1000/2000/3000/4000 mm.
- Fitted with two side wings that act as a support surface for false-ceiling panels.
- The track houses 6 leads. 4 for three-phase mode, 2 for DALI mode. The leds are enclosed in stiff extruded profiles in insulating material ensuring high electrical rigidity.
- 3 phase leads with shared neutral form 3 separate circuits allowing 3 separate switch-on points. On powering the track from single-phase mains, the maximum applicable load is 16A (3500VA) and FELV 2x1A (50VA) for DALI contacts.
- Connection to the three-phase mains allows a total load of 16A (10500VA), DALI 2X1A (100VA) FELV.
- The lateral position of the ground/earth contact means that the track structure is asymmetrical and connection joints must be chosen accordingly.
- Possibility of downlight installation.

Composition



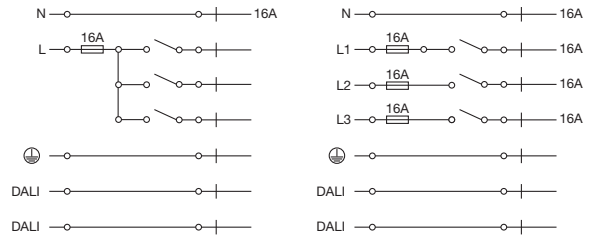


Multi-phase tracks

The cross-section of the electrical leads allows the following installation possibilities:

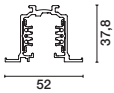
Operating voltage 220/250V.
Connection to a single-phase 220/250V mains electricity supply allows an overall load of 16 A corresponding to 3500/4000 VA shared over the 3 circuits.

Operating voltage 220/380V.
Connection to a three-phase 220/380V mains electricity supply allows an overall load of 16 A corresponding to 10500 VA shared over the 3 circuits (3 x 3500 VA).








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length	code	colour
Module		
DALI		
1000	P293	01-04-12
2000	P294	01-04-12
3000	P295	01-04-12
4000	P296	01-04-12








Accessories

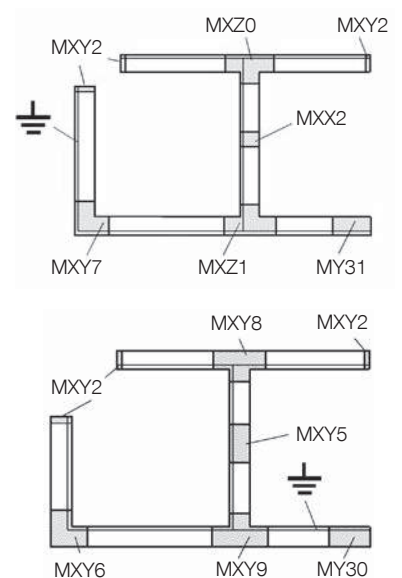
Mounting accessories	code	colour
Power supply base with suspension cables 	MWM2	01-04 for versions with DALI
L=1500		
Suspension cable 	MX66	12
L=2000		
with millimetrical adjustment L=2000	MWW6	01-04
Hook - 10 Kg 	MWW9	10
Cover strip with IP40 cap 	MWW7	01-04
L=1000		
Terminal for fitting on ceiling 	MWW8	00

Components

Control gear	code	colour
 Power supply cable L=2200	MXZ4	01-04-15
 L-joint for earth lead dim. x=90/a=74		
Internal	MXY6	01-04
external	MXY7	01-04
 T-joint for earth lead dim. x=148/a=74		
dx + internal	MXY8	01-04
sx + internal	MXY9	01-04
dx + external	MXZ0	01-04
sx + external	MXZ1	01-04

Control gear	code	colour
 Concealed coupling with wiring dim. x=115	MXX2	01-04
 Direct coupling for power supply	MXY5	01-04
 Lead cutter	MY00	00
 DALI power supply head with earth contact dim. X = 95		
right	MY30	01-04
left	MY31	01-04
 End cap 3 mm	MXY2	01-04

View from ground





Low Voltage Track Systems

Space exclusively for light

Miniaturization of equipment, components and track; chromatic quality, energy efficiency, high visual comfort, wide range of light spreads, high uniformity and precision. Direct or suspended installation on 48V low-voltage track in maximum safety. Integrated IoT technology with powered beacons in the track.



- 298 Overview Low Voltage Track Systems
- 308 Laser Blade XS
- 316 Laser
- 320 Robin
- 325 Palco
- 336 View
- 340 Superrail
- 357 Low Voltage Track

Overview Low Voltage Track Systems



310 Laser Blade XS
High Contrast Low Voltage track

310 Laser Blade XS
High Contrast Low Voltage track

310 Laser Blade XS
High Contrast Low Voltage track

310 Laser Blade XS
High Contrast Low Voltage track

310 Laser Blade XS
High Contrast Low Voltage track

Performances

Optics	42°	42°	42°	42°	42°
Power W	3,3	5,3	11,4	21,7	3,3
Luminous flux lm	152	380	1750	1454	152
Colour temperature K	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000



316 Laser
Low Voltage track

316 Laser
Low Voltage track

320 Robin

320 Robin

320 Robin

Performances

Optics	24°/28°/38°/42°	24°/26°/40°/44°	17°/25°/45°	14°/27°/43°	14°/26°/42°
Power W	12,4 → 15,3	12,1 → 15,3	4,9	15,5	20 → 24,7
Luminous flux lm	663 → 1370	703 → 1389	24	920 → 495	1121 → 2003
Colour temperature K	2700/3000	2700/3000	2700/3000/4000	2700/3000/4000	2700/3000/4000

Accessories

Optics	A/E/B	A/E/B	A/E/L	A/E/L	A/E/L
Decorative	N	N	Q	Q	Q

Optics: **WW** Wall Washer - **GL** General Lighting - **Beamer**

Accessories: **A** Refractor for elliptical distribution - **B** Diffusing filter - **C** Soft Lens filter - **D** UV / IR filter - **E** Honeycomb louvre - **I** Spill-Rings - **L** Cylindrical shield - **M** Interchangeable reflector - **N** Coloured filters - **P** Decorative rings - **Q** Decorative cylinders - **P** Directional wings



310 Laser Blade XS
High Contrast
Low Voltage track

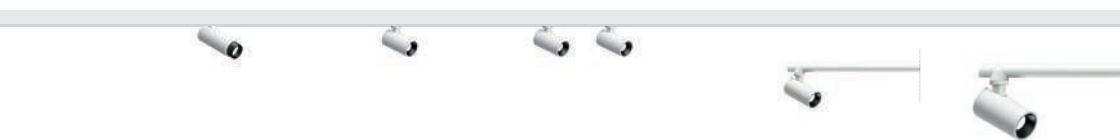
310 Laser Blade XS
High Contrast
Low Voltage track

314 Laser Blade XS
General Lighting Pro
Low Voltage track

314 Laser Blade XS
General Lighting Pro
Low Voltage track

315 Laser Blade XS
Wall Washer
Low Voltage track

58°	58°	GL	GL	WW
9,7	16,9	11,4	21,7	18,4
614	1204	621	1209	589
2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000



326 Palco
Beamer
Low Voltage Track

328 Palco
Low Voltage track

328 Palco
Low Voltage track

328 Palco
Low Voltage track

328 Palco
Low Voltage track

new

Beamer	14°/24°	14°/24°	24°	24°/44°
4,9	3,4	5,4	3,4	8,9
24	110/121	220 → 241	121	426 → 390
2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000

Overview Low Voltage Track Systems



328 Palco
Low Voltage track

328 Palco
Low Voltage track

328 Palco
Low Voltage track

328 Palco
Low Voltage track

332 Palco
Wall Washer
Low Voltage track

Performances

Optics	16°/24°/44°	12°/24°/42°	12°/26°/42°	8°/18°/32°/56°	WW
Power W	8,9	13,9	12,8 → 19,7	12,7 → 19,7	13,9
Luminous flux lm	438 → 390	619 → 585	568 → 1620	410 → 2262	189
Colour temperature K	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000

Accessories

Optics	A/B/E/I/M/P	A/B/E/I/M/P	A/B/E/I/M/P	A/B/E/I/M/P	
--------	-------------	-------------	-------------	-------------	--



342 Superrail
ceiling/pendant



342 Superrail
ceiling/pendant



350 Superrail
recessed frame



350 Superrail
recessed minimal

Installation

	new	new	new	new
Pendant	•	•		
Downlight			•	•
Ceiling-mounted	•			
Up/down light		•		

Optics: WW Wall Washer - GL General Lighting

Accessories: A Refractor for elliptical distribution - B Diffusing filter - C Soft Lens filter - D UV / IR filter - E Honeycomb louvre - I Spill-Rings - L Cylindrical shield - M Interchangeable reflector - N Coloured filters - P Decorative rings - Q Decorative cylinders - R Directional wings



332 Palco
Wall Washer
Low Voltage track

334 Palco
Framer
Low Voltage track

334 Palco
Framer
Low Voltage track

336 View
Opti Beam Lens Low
Voltage track

336 View
Opti Beam Lens Low
Voltage track

WW			24°	24°/44°
26,5	3,4	8	3,4	8,9
1198	13	143	121	426/390
2700/3000/4000	2700/3000	2700/3000	2700/3000	2700/3000
			A/C/E/L	A/C/E/L



358 Low Voltage Track
ceiling/pendant



358 Low Voltage Track
ceiling/pendant



358 Low Voltage track
recessed

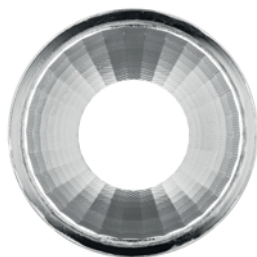
Installation

new

Pendant	•	•	
Downlight			•
Ceiling-mounted	•		
Up/down light		•	

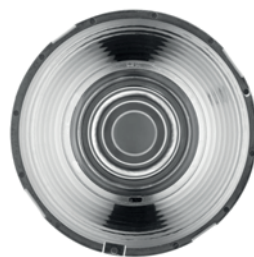
Overview Low Voltage Track Systems

It's in the Optics



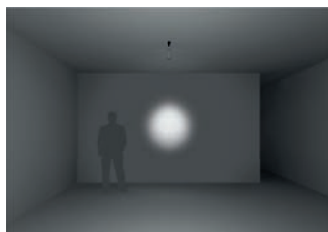
Opti Beam Reflector

The lenticular surface of the reflectors helps improve light distribution without affecting optical performance and therefore the efficiency of the luminaires. Opti Beam is available with Spot, Medium, Flood and Wide Flood optic.

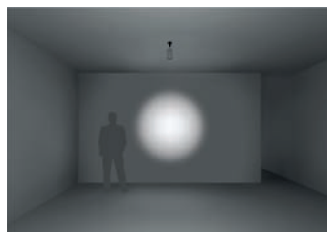


Opti Beam Lens*

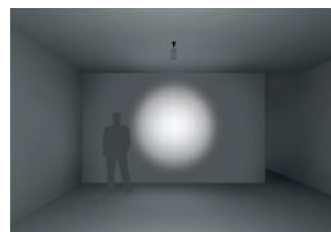
Two lenses in one, two innovations in a single lens. Superspot ultra-compact high intensity optic. The light beam is even and well defined, with no colour aberrations. Maximum visual comfort ensured by a spill-ring inside the lens.
* 2 Patents Pending



S - Spot
 α 9°-15°



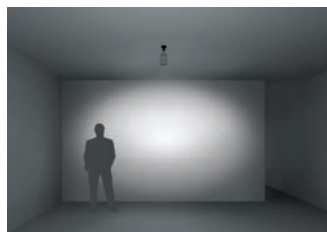
M - Medium
 α 16°-25°



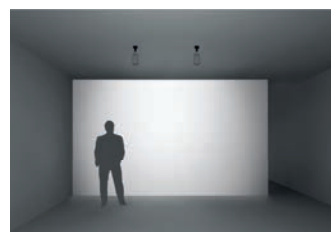
F - Flood
 α 26°-39°



WF - Wide Flood
 α 40°-60°



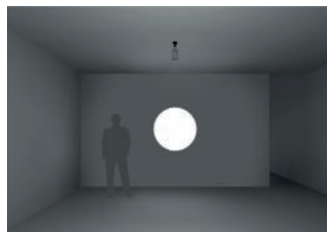
SF - Super Flood



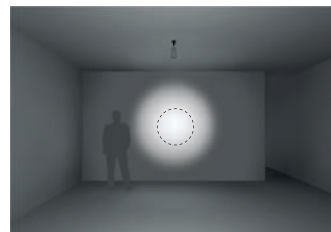
WW - Wall Washer



E - Elliptical**



Framer



Beamer
from α 12°-35°

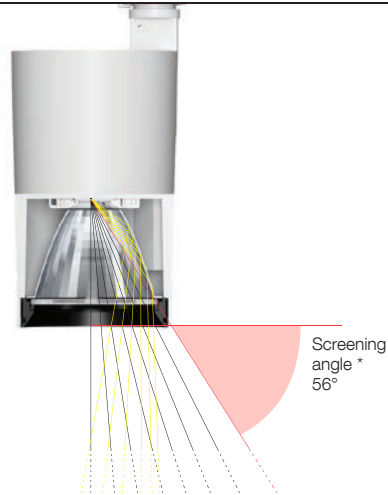
** Elliptical optics are obtained by installing the specific accessory.

Visual Wellness

Shielding angle

Comfort increases the more the LED source of light is hidden from view. Our floodlights have a very high screening angle* to ensure visual comfort in space, whatever their orientation.

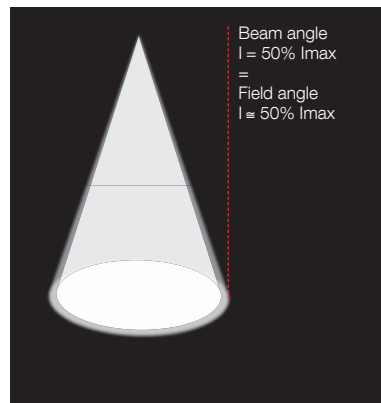
* angle referred to horizontal line (see EN 12464-1: 2011).



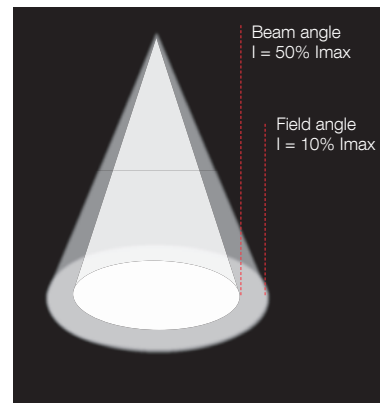
No field angle

We have eliminated the double ring effect, thereby achieving a well-defined light circle. The intensity at the limit angle is close to 50% I_{max} (the field angle aligns with FWHM*).

* FWHM is the angle corresponding the point where intensity is equal to 50% I_{max} .



Opti Beam Technology



Other technology

Quality of vertical lighting

Vertical lighting is our masterpiece. Light entirely overlaps the surface of the wall. Ensuring delicacy. Total cleanliness from bottom to top, with maximum uniformity, without edging effects.

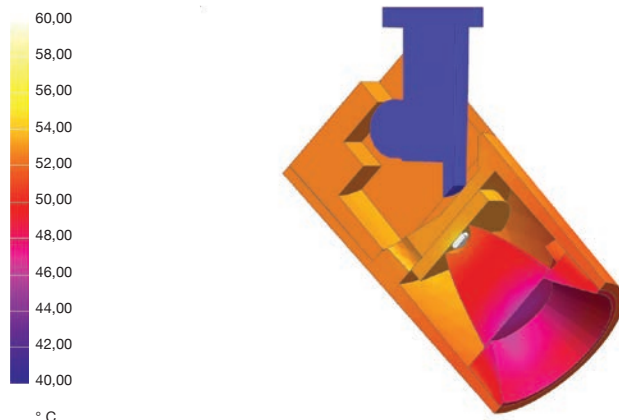


Overview Low Voltage Track Systems

Reliability for better Light

Thermal Dissipation

We test the worst-case condition. Thanks to thermographic and fluid-dynamic simulations, we are able to define the best geometry for our products in order to maintain a constant LED operating temperature.

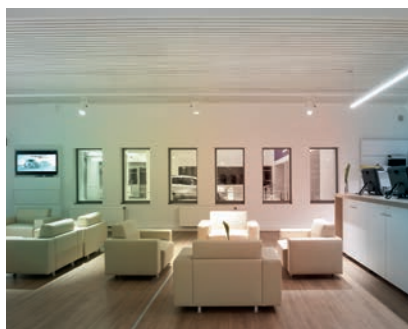


MacAdam

We choose the world's best suppliers to ensure consistent and repetitive selection of LEDs to ensure colour uniformity not only over time but also between different products in the same lighting project, up to MacAdam Step 2.



iGuzzini (MacAdam step 2)



Other solutions (MacAdam step > 3)

CRI

Chromatic yield defines the ability to saturate the colours.

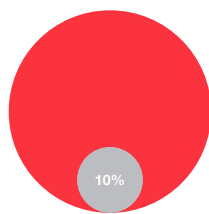
We select the best LEDs with incomparable colour yields even for critical colours such as red, achieving CRI values of more than 97.



Duration of LEDs

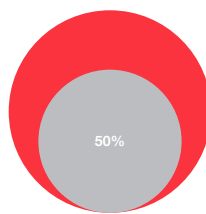
The lifespan of LEDs is a given statistic. Parameters "L" and "B" describe the percentage value of the final luminous flux (L) and the confidence level expressed (B). Our new generation products always envisage B10 or B20, thereby stating extremely reliable LED lifespan values.

90% reliability for parameter L



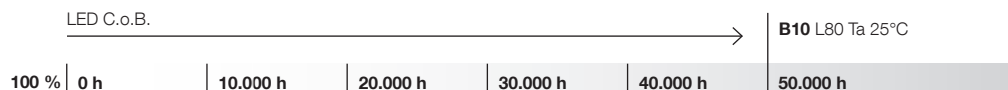
LED iGuzzini B10

50% reliability for parameter L



common LEDs on market B50

B10 indicates a 90% reliability level at the point the declared lifetime is reached with the luminous flux indicated.



Intelligent track

Intelligent lighting solution that integrates the latest-generation beacon powered directly on a 48V electrified track. It is thereby possible to provide not only light but also smart services via Bluetooth.
Page 794 for more information



Miniaturised track

The track has a square cross-section of only 20x20 mm thanks to miniaturization of the converter* fully built into the adapter; both are connected to the track using a click-fit system. Installation and maintenance without needing tools.

* DC-String custom-made by Tridonic



Powerline technology

The electrified 48V track also incorporates the Powerline databus. Despite miniaturization, the DC-String converter still offers full control of each device by sending individual signals through the DC Powerline line, including dimming of single devices without additional wiring.



Maximum Safety

The low voltage electrical system (48V AC) will not cause electrical shock. In particular, devices are defined as Class III and the voltage produced is low, so much so that it is not normally dangerous in the event of contact with the human body.



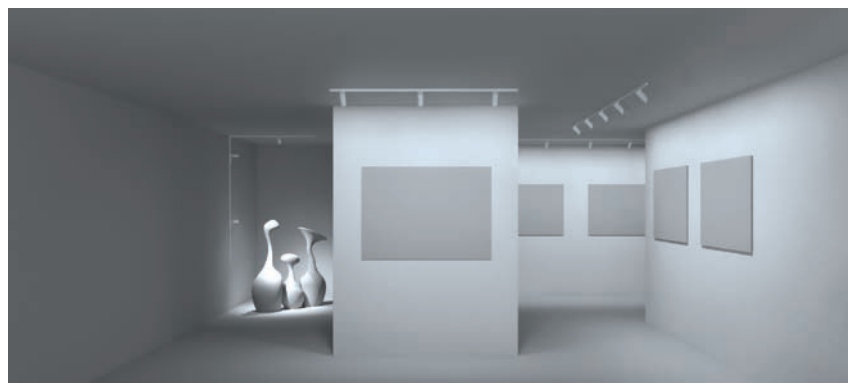
Overview Low Voltage Track Systems

Lighting Types

Low-voltage track systems house devices with multiple optics and distribution spreads. They can be installed on ceilings and walls and have extremely miniaturized dimensions that almost disappear into the setting. Application versatility and flexibility.



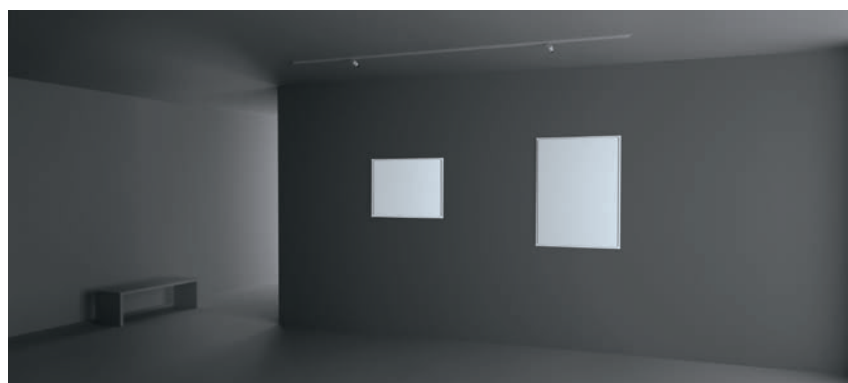
Highlight



Wall Washer



General Lighting



Framer



Laser Blade XS

Laser Blade XS
High Contrast - Low Voltage track
Surface mount installation

page 310



F
 $\alpha 42^\circ$



WF
 $\alpha 58^\circ$

Laser Blade XS
High Contrast - Low Voltage track
Pendant installation

page 310



F
 $\alpha 42^\circ$

Laser Blade XS
Wall Washer - Low Voltage track
Recessed installation

page 315

Laser Blade XS
General Lighting Pro - Low Voltage track
Recessed installation

page 314



WW



GL

Laser Blade XS

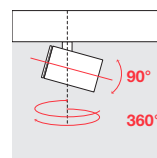
High Contrast - Low Voltage track



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- Installation on Low Voltage track (48V)
- Range of floodlights and pendants with built-in DC / DC converter hidden in the adapter
- Miniaturized floodlights for 1 and 2 adjustable bodies with swivel and rotation movement
- Fixed linear floodlights
- Pendants with cable adjustment and body rotation system to facilitate alignment
- Adapter-track connection with fast click-fit system
- Main bodies made of aluminium
- High-definition optics made of metallised thermoplastic material, integrated in the innovative black antiglare screen that defines emission with luminance control UGR<10.
- Compatible with Beacon accessory for 48V track
- IP20



Dual rotation for 28x28 versions

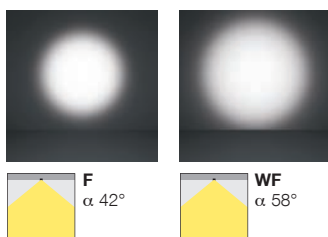


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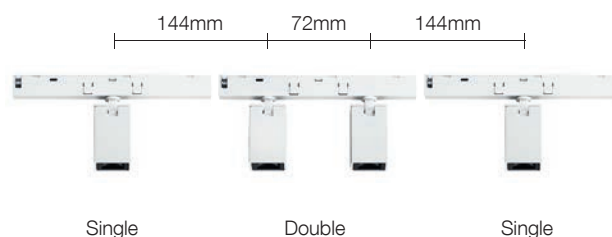


Alignment device

Optics



Spacings



Floodlight



26x26



Single



26x26 26x26



Double



26x100



27x190



Pendant



26x26



26x26



45x45



63x63



Laser Blade XS

High Contrast - Low Voltage track



01
WHITE



43
BLACK/BLACK



47
WHITE/BLACK



41
WHITE/GOLD



E7
WHITE/
BURNISHED
CHROME



F1
BLACK/
BURNISHED
CHROME*



44
BLACK/
GOLD*

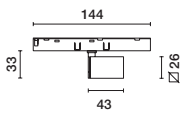
* available on request



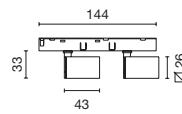
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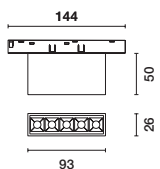
source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90 - DALI					
2W	210	3,3W	168	42°	Q899 01-43-47
3000K - CRI 90 - DALI					
2W	190	3,3W	152	42°	Q900 01-43-47
2700K - CRI 90 - DALI					
2W	180	3,3W	144	42°	Q901 01-43-47
Complete with adapter for 48V track					



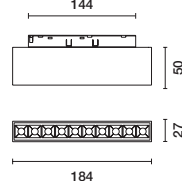
source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90 - DALI					
4W	420	5,3W	336	42°	Q902 01-43-47
3000K - CRI 90 - DALI					
4W	380	5,3W	304	42°	Q903 01-43-47
2700K - CRI 90 - DALI					
4W	360	5,3W	288	42°	Q904 01-43-47
with 48V track adapter					



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90 - DALI					
10W	1000	11,4W	830	42°	Q905 01-43-47
3000K - CRI 90 - DALI					
10W	900	11,4W	747	42°	Q906 01-43-47
2700K - CRI 90 - DALI					
10W	850	11,4W	706	42°	Q907 01-43-47
with 48V track adapter					



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90 - DALI					
20W	1950	21,7W	1619	42°	Q908 01-43-47
3000K - CRI 90 - DALI					
20W	1750	21,7W	1453	42°	Q909 01-43-47
2700K - CRI 90 - DALI					
20W	1650	21,7W	1370	42°	Q910 01-43-47
Complete with adapter for 48V track					





01
WHITE



43
BLACK/BLACK



47
WHITE/BLACK



41
WHITE/GOLD



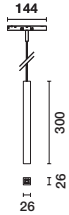
E7
WHITE/
BURNISHED
CHROME



F1
BLACK/
BURNISHED
CHROME*

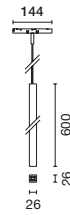


44
BLACK/
GOLD*



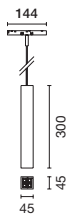
source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90 - DALI					
2W	210	3,3W	168	42°	Q920 01-43-47
3000K - CRI 90 - DALI					
2W	190	3,3W	152	42°	Q921 01-43-47
2700K - CRI 90 - DALI					
2W	180	3,3W	144	42°	Q922 01-43-47

Complete with adapter for 48V track and power cable L=2000



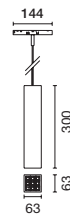
source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90 - DALI					
2W	210	3,3W	168	42°	Q923 01-43-47
3000K - CRI 90 - DALI					
2W	190	3,3W	152	42°	Q924 01-43-47
2700K - CRI 90 - DALI					
2W	180	3,3W	144	42°	Q925 01-43-47

Complete with adapter for 48V track and power cable L=2000



source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90 - DALI					
8W	820	9,7W	681	58°	Q926 01-43-47
3000K - CRI 90 - DALI					
8W	740	9,7W	614	58°	Q927 01-43-47
2700K - CRI 90 - DALI					
8W	700	9,7W	581	58°	Q928 01-43-47

Complete with adapter for 48V track and power cable L=2000



source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90 - DALI					
15W	1600	16,9W	1328	58°	Q929 01-43-47
3000K - CRI 90 - DALI					
15W	1450	16,9W	1204	58°	Q930 01-43-47
2700K - CRI 90 - DALI					
15W	1350	16,9W	1121	58°	Q931 01-43-47

Complete with adapter for 48V track and power cable L=2000

Laser Blade XS

General Lighting Pro - Low Voltage track



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- Installation on Low Voltage track (48V)
- Range of fixed linear floodlights
- equipped with a built-in DC / DC converter hidden in the adapter
- Adapter-track connection with fast click-fit system
- Main bodies made of aluminium
- High definition metallic-finish thermoplastic optics combined with a special diffuser filter to optimise light emission by significantly reducing direct glare
- Compatible with Beacon accessory for 48V track
- IP20



Continual row 10x

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source	system		optic	code	colour
	W	lm			
LED					
4000K - CRI 90 - DALI					
10W	1000	11,4W	690	GL	Q911 01-F2
3000K - CRI 90 - DALI					
10W	900	11,4W	621	GL	Q912 01-F2
2700K - CRI 90 - DALI					
10W	850	11,4W	587	GL	Q913 01-F2
Complete with adapter for 48V track					

source	system		optic	code	colour
	W	lm			
LED					
4000K - CRI 90 - DALI					
20W	1950	21,7W	1346	GL	Q914 01-F2
3000K - CRI 90 - DALI					
20W	1750	21,7W	1208	GL	Q915 01-F2
2700K - CRI 90 - DALI					
20W	1650	21,7W	1139	GL	Q916 01-F2
Complete with adapter for 48V track					

Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Laser Blade XS

Wall Washer - Low Voltage track



43
BLACK/BLACK

47
WHITE/BLACK



27x184






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- Installation on Low Voltage track (48V)
- Fixed floodlight equipped with a built-in DC / DC converter hidden in the adapter
- Adapter-track connection with fast click-fit system
- Main body in aluminium
- The floodlight uses the patented Laser Blade XS WW optical system which ensures effective and uniform light distribution on the wall
- Compatible with Beacon accessory for 48V track
- IP20

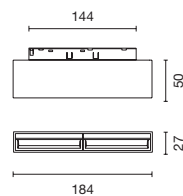
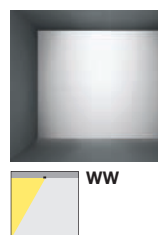


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Optics

The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.



source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90 - DALI					
17W	1750	18,4W	665	WW	Q917 43-47
3000K - CRI 90 - DALI					
17W	1550	18,4W	589	WW	Q918 43-47
2700K - CRI 90 - DALI					
17W	1500	18,4W	570	WW	Q919 43-47
Complete with adapter for 48V track					

Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

Laser
Low Voltage track



ø 59
with decorative ring



ø 75
with decorative ring



ø 59



ø 75

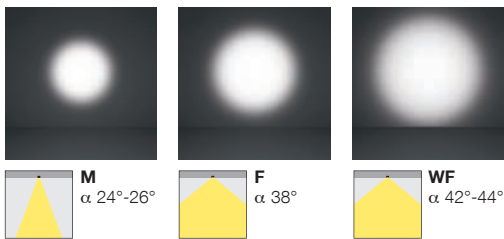


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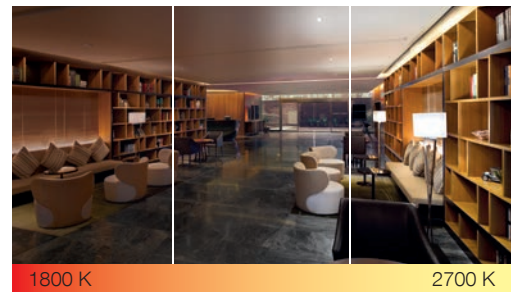
- Installation on Low Voltage track (48V)
- Range of pendants equipped with a built-in DC / DC converter hidden in the adapter
- Possibility of adjusting the length of the cable and the coupling system with a bayonet fitting
- Adapter-track connection with fast click-fit system and tear-proof safety device
- Lighting body in painted aluminium.
- High Definition optical lenses in metallised thermoplastic material.
- Super Comfort (UGR <10) or decorative versions with transparent acrylic glass terminal
- Compatible with Beacon accessory for 48V track
- IP20

Optics



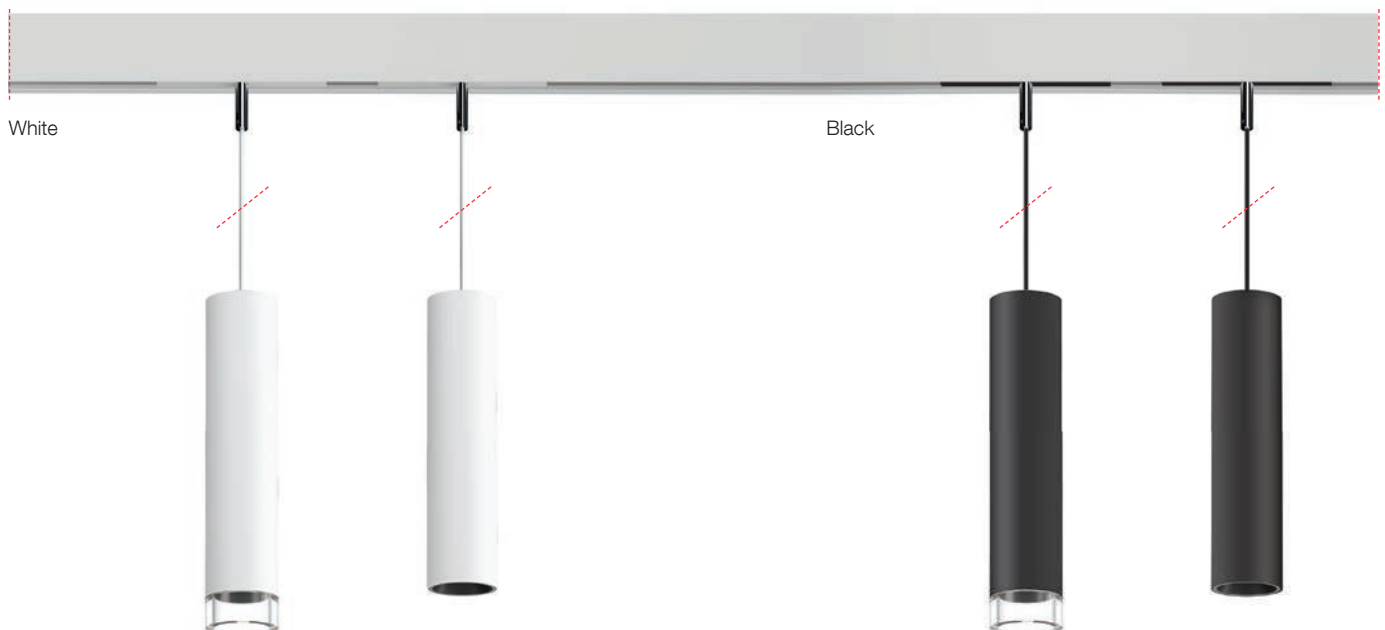
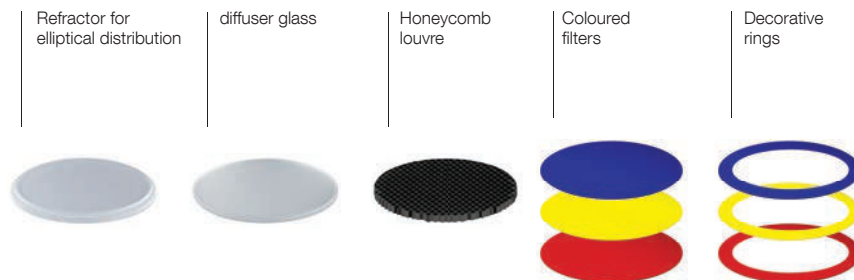
Warm dimming

Halogen functionality with LED technology. When luminous intensity drops to 5%, colour temperature warms up slowly from 2700K to 1800K using only one control channel.

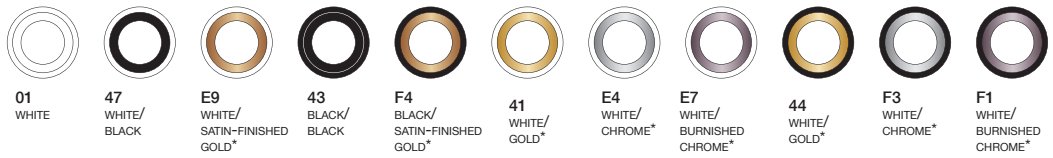


Accessories

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects. The combination of filters allows the chromatic characteristics of the source to be modified in order to enhance illuminated objects or settings. Decorative rings and cylinders create a distinctive hallmark in the profile without affecting emission quality.



Laser Low Voltage track

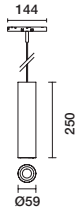


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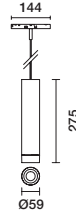
* available on request



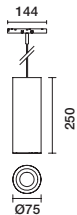
source		system			
W	lm	W	lm	optic	code colour
Ø 59					
LED					
3000K - CRI 90 - DALI					
11W	990	12,1W	703	24°	QP31 01-43-47
11W	990	12,1W	762	42°	QP32 01-43-47
2700K - CRI 90 - DALI					
11W	940	12,1W	667	24°	QP29 01-43-47
11W	940	12,1W	724	42°	QP30 01-43-47
Complete with control gear, power supply base and cable L=2000					



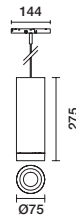
source		system			
W	lm	W	lm	optic	code colour
Ø 59 - Decorative ring version					
LED					
3000K - CRI 90 - DALI					
11W	990	12,1W	663	24°	QP35 43-47
11W	990	12,1W	703	38°	QP36 43-47
2700K - CRI 90 - DALI					
11W	940	12,1W	630	24°	QP33 43-47
11W	940	12,1W	667	38°	QP34 43-47
Complete with control gear, power supply base and cable L=2000					



source		system			
W	lm	W	lm	optic	code colour
Ø 75					
LED					
3000K - CRI 90 - DALI					
14W	1650	15,3W	1403	26°	QP39 01-43-47
14W	1650	15,3W	1386	44°	QP40 01-43-47
2700K - CRI 90 - DALI					
14W	1550	15,3W	1318	26°	QP37 01-43-47
14W	1550	15,3W	1302	44°	QP38 01-43-47
Warm Dimming - CRI 90 - DALI					
14W	840	15W	714	44° / 46°	QP41 01-43-47
Complete with control gear, power supply base and cable L=2000					



source		system			
W	lm	W	lm	optic	code colour
Ø 75 - Decorative ring version					
LED					
3000K - CRI 90 - DALI					
14W	1650	15,3W	1337	28°	QP44 43-47
14W	1650	15,3W	1337	42°	QP45 43-47
2700K - CRI 90 - DALI					
14W	1550	15,3W	1256	28°	QP42 43-47
14W	1550	15,3W	1256	42°	QP43 43-47
Warm Dimming - CRI 90 - DALI					
14W	840	15W	680	44° / 42°	QP46 43-47
Complete with control gear, power supply base and cable L=2000					



Optical accessories	code colour		code colour	
	code	colour	code	colour
Honeycomb louvre	PA63	04	MY22	04
diffuser glass	MY12	65	---	---
Diffuser glass	---	---	PA65	65
Refractor for elliptical distribution	MY13	24	---	---
medium	---	---	MY24	24
Coloured filters	PA64	05-06-16	MY25	05-06-16

Decorative accessories	code colour		code colour	
	code	colour	code	colour
Decorative rings	MY15	05-06-16	MY26	05-06-16

Format n.10 – Milan, Italy

Client: N10 Italia S.r.l.

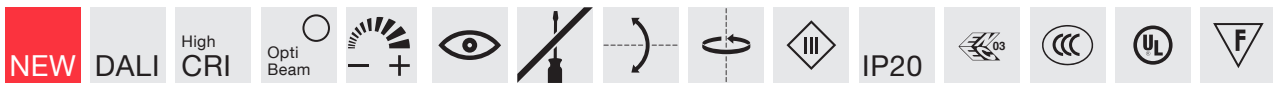
Architectural and lighting project: Ambra Pirovano, Gabriella Motto

Photo: Riccardo Banfi

Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.







- Miniaturized adjustable floodlight complete with adapter for installation on 48V low voltage track.
- Made of die-cast aluminium with a passive dissipation system.
- The thermoplastic adapter includes the DC/DC driver circuit with a dimmable DALI power line function.

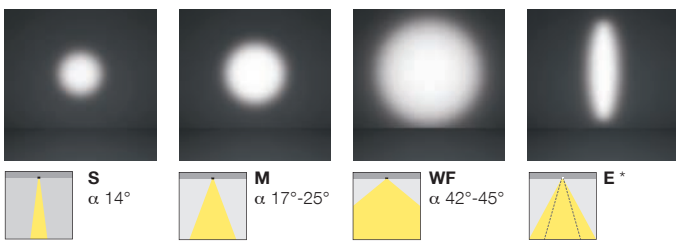
The built-in "power line" technology allows independent dimming and switching on for each floodlight mounted on the track.

- The floodlight ball joints allow 360° rotation and 160° tilt with the possibility of installing the floodlight on a 48V track in the "up" (with Superrail) and down" positions alike.

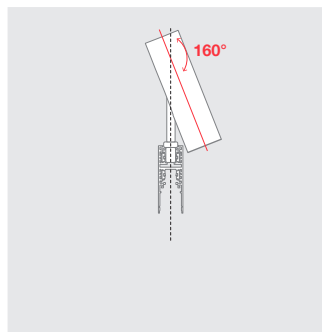
- The optical unit in the rear position ensures high visual comfort.
- High definition lens in thermoplastic material with the possibility of using additional accessories to assure other lighting effects.
- The ø 62 versions also use Opti Beam Reflectors.

- Fast electrical and mechanical connection system for the adapter on the track without the need for tools.

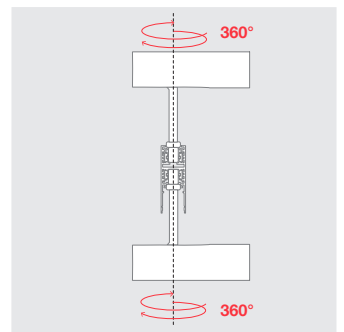
Optics



*Elliptical optics are obtained by installing the specific accessory.



160° up light tilt

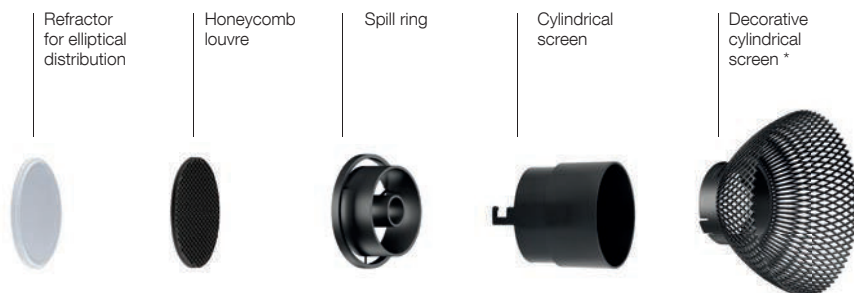


360° rotation - up/down light



Accessories

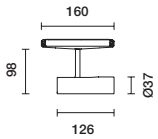
Optical and photometric accessories to expand, modulate and screen light emissions. A decorative accessory (customisable on request) adds a distinctive detail to characterise the solution in the setting by highlighting its uniqueness.



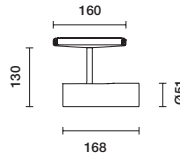
* Customisable accessory.
 For more information consult
 iGuzzini



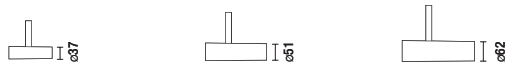
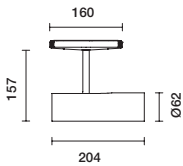
source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 90 - DALI						
10,1W	940	13,3W	610	17°	QV44	01-04
10,1W	940	13,3W	600	25°	QV47	01-04
10,1W	940	13,3W	570	45°	QV50	01-04
3000K - CRI 90 - DALI						
10,1W	866	13,3W	563	17°	QV43	01-04
10,1W	866	13,3W	550	25°	QV46	01-04
10,1W	866	13,3W	525	45°	QV49	01-04
2700K - CRI 90 - DALI						
10,1W	820	13,3W	530	17°	QV42	01-04
10,1W	820	13,3W	520	25°	QV45	01-04
10,1W	820	13,3W	500	45°	QV48	01-04



source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 90 - DALI						
15,7W	1506	15,7W	1010	14°	QV53	01-04
14,4W	1506	15,7W	1000	27°	QV56	01-04
14,4W	1506	15,7W	980	43°	QV59	01-04
3000K - CRI 90 - DALI						
14,4W	1420	15,7W	950	14°	QV52	01-04
14,4W	1420	15,7W	940	27°	QV55	01-04
14,4W	1420	15,7W	920	43°	QV58	01-04
2700K - CRI 90 - DALI						
14,4W	1319	15,7W	880	14°	QV51	01-04
14,4W	1319	15,7W	870	27°	QV54	01-04
14,4W	1319	15,7W	850	43°	QV57	01-04



source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 90 - DALI						
18W	1774	20W	1187	14°	QV62	01-04
22,7W	2569	24,7W	2003	26°	QV65	01-04
22,7W	2569	24,7W	2003	42°	QV68	01-04
3000K - CRI 90 - DALI						
18W	1672	20W	1121	14°	QV61	01-04
22,7W	2529	24,7W	1972	26°	QV64	01-04
22,7W	2529	24,7W	1972	42°	QV67	01-04
2700K - CRI 90 - DALI						
18W	1553	20W	1040	14°	QV60	01-04
22,7W	2429	24,7W	1895	26°	QV63	01-04
22,7W	2426	24,7W	1895	42°	QV66	01-04



Optical accessories

	code	colour	code	colour	code	colour
Honeycomb louvre	MZ43	04	MZ45	04	MZ81	04
Spill ring	MZ49	04	MZ52	04	---	---
Refractor for elliptical distribution	MZ47	24	MZ50	24	---	---
medium	---	---	---	---	MY24	24
Cylindrical screen	MZ48	04-47	MZ51	04-47	MZ55	04-47
Decorative cylindrical screen	PB99	01-04-69	PB01	01-04-69	PB02	01-04-69







Palco Beamer Low Voltage track

Palco Low Voltage track

page 328



ø 19



ø 19



ø 37



ø 51



ø 62



ø 86



Beamer
da α 10°
a α 65°



S
 α 14°



M
 α 16°-24°



F
 α 26°



WF
 α 42°-44°

Palco Wall Washer - Low Voltage track

page 332



ø 51



ø 62



ww

Palco Framer - Low Voltage track

page 334



ø 19



ø 37



Domus Tiandi - Shenzhen, China

Client: Domus Tiandi

Architectural and lighting project: Domus Tiandi Studio, Guido Raffaelli

Photo: Michael Pinjpin, courtesy of Domus Tiandi

Palco

Beamer Low Voltage track

design Artec3 Studio



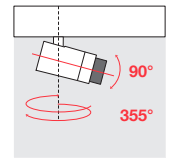
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- Miniaturized floodlights with built-in DC / DC converter hidden in the adapter.
- Adapter-track connection with fast click-fit system.
- Floodlight body in die-cast aluminium.
- High Definition optical lenses in thermoplastic material.
- Possibility of manual light beam adjustment from 10° up to 65° with a black anodised aluminium ring nut.
- High visual comfort.
- 90° angle in the horizontal plane and 355° rotation around the vertical axis.
- CoB LED with high colour yield index.



Compact dimensions



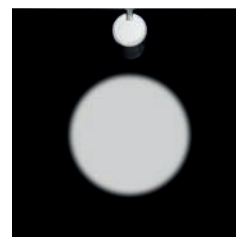
Dual rotation

Beamer

The optical system, combined with the possibility of manual adjustment, ensures well-defined and directional lighting, without marks and smudges.



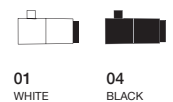
Manual rotation of the lock ring without needing tools



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new
Available

source	system		code	colour
	W	lm		
LED				
4000K - CRI 90 - DALI / Push Dim				
3,9W	360	4,9W	25	QW43 01-04
3000K - CRI 90 - DALI / Push Dim				
3,9W	340	4,9W	24	QW44 01-04
2700K - CRI 90 - DALI / Push Dim				
3,9W	310	4,9W	22	QW45 01-04



"Mini Wonders" - Czech Toys Past and Present

Client: Czech Centre
 Design: Anna Kozova + Jerry Koza / atelier SAD
 Curator: Tereza Bruthansova
 Graphics: Zuzana Lednicka / Studio Najbrt
 Photo: Anna Pleslovà, courtesy of Etna





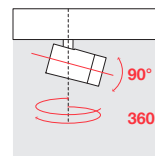
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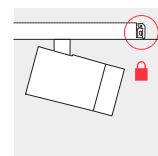
- Installation on Low Voltage track (48V)
- Miniaturized floodlights with built-in DC / DC converter hidden in the adapter.
- Adapter-track connection with fast click-fit system.
- Floodlight body in die-cast aluminium.
- High Definition optical lenses in thermoplastic material.
- High visual comfort.
- 90° angle on horizontal plane and 360° rotation around the vertical axis.
- CoB LED with high colour yield index.
- Compatible with Beacon accessory for 48V track



Compact dimensions

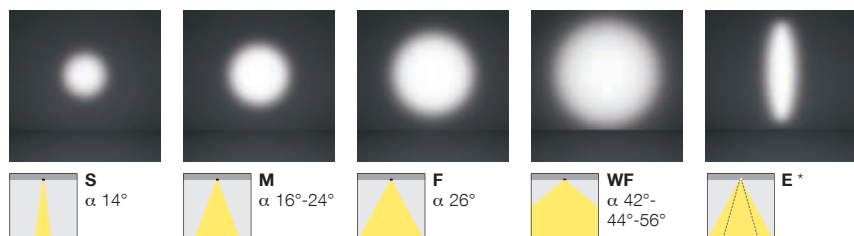


Dual rotation



Mechanical locking of adapter to the ø 62 and ø 86 tracks

Optics



* Elliptical optics are obtained by installing the specific accessory.

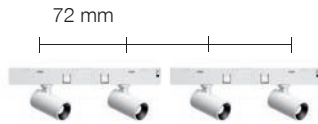
Spacings

Installation types $\varnothing 19$, $\varnothing 37$ and $\varnothing 51$

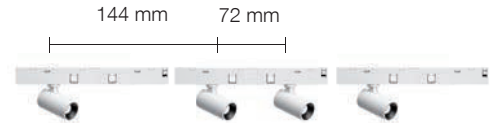


Single

Installation types $\varnothing 19$ single and double



Double



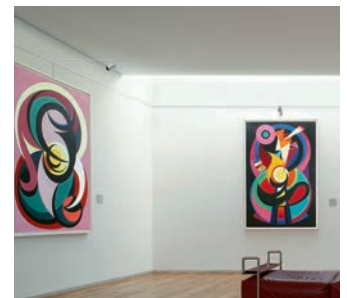
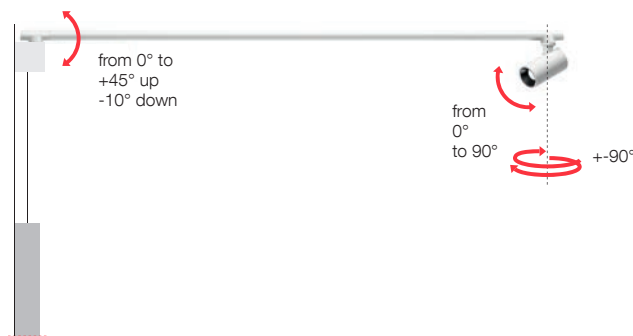
Single

Double

Single

Rod mount

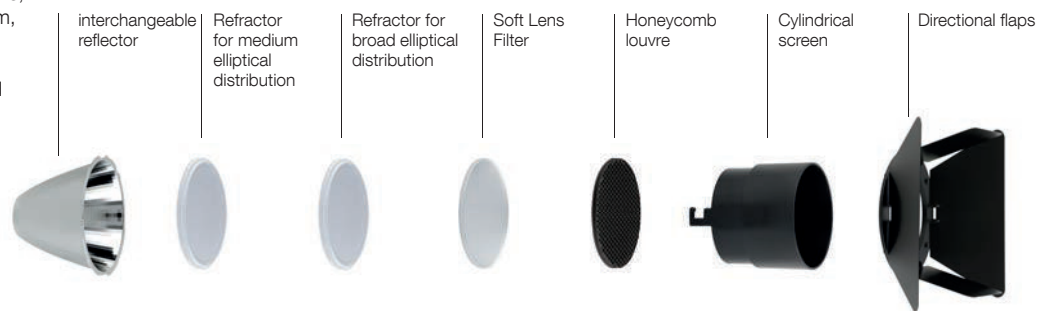
The same track can be used to hang control panels weighing up to 10 kg. The rod can be tilted in the horizontal plane by $+45^\circ$ (up) and -10° (down); the product can be tilted by 90° in the horizontal plane and rotated by $+90^\circ$ and -90° around the vertical axis.



Accessories

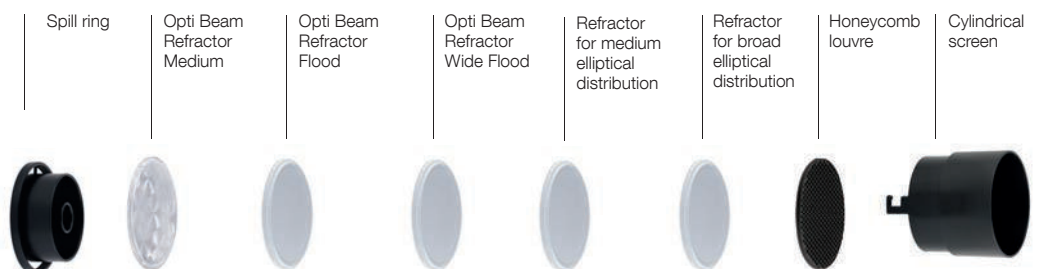
Opti Beam Reflector with accessories

Interchangeable Opti Beam reflectors, on the other hand, produce medium, flood and wide flood cones with higher luminous flux. Optical and photometric accessories to expand and modulate light emissions.



Opti Beam with accessories

The Opti Beam lens produces an extremely concentrated cone (SS) with sharp edges without a double ring effect. In combination, it is possible to fit Opti Beam interchangeable refractors to open the beam to medium, flood and wide flood.



For the number of accessories that can be installed, refer to the instruction sheet

Palco

Low Voltage track




01
WHITE





04
BLACK

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new
available from July




source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90 - DALI					
• 2W	160	-	-	14°	QW88 01-04
• 2W	160	-	-	24°	QW89 01-04
3000K - CRI 90 - DALI					
2W	180	3,4W	110	14°	Q622 01-04
2W	180	3,4W	121	24°	Q623 01-04
2700K - CRI 90 - DALI					
2W	170	3,4W	104	14°	Q624 01-04
2W	170	3,4W	114	24°	Q625 01-04

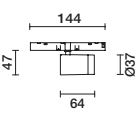
source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90 - DALI					
• 4W	320	-	-	14°	QW90 01-04
• 4W	320	-	-	24°	QW91 01-04
3000K - CRI 90 - DALI					
4W	360	5,4W	220	14°	Q626 01-04
4W	360	5,4W	241	24°	Q627 01-04
2700K - CRI 90 - DALI					
4W	340	5,4W	207	14°	Q628 01-04
4W	340	5,4W	228	24°	Q629 01-04




new



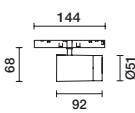
source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90 - DALI					
• 7W	560	-	-	16°	QW92 01-04
• 7W	560	-	-	24°	QW93 01-04
• 7W	560	-	-	44°	QW94 01-04
3000K - CRI 90 - DALI					
7,2W	600	8,6W	438	16°	Q630 01-04
7,2W	600	8,6W	426	24°	Q631 01-04
7,2W	600	8,6W	390	44°	Q632 01-04
2700K - CRI 90 - DALI					
7,2W	560	8,6W	409	16°	Q633 01-04
7,2W	560	8,6W	398	24°	Q634 01-04
7,2W	560	8,6W	364	44°	Q635 01-04




new



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90 - DALI					
• 12W	810	-	-	12°	QW95 01-04
• 12W	810	-	-	24°	QW96 01-04
• 12W	810	-	-	42°	QW97 01-04
3000K - CRI 90 - DALI					
12W	860	13,9W	619	12°	Q636 01-04
12W	860	13,9W	611	26°	Q637 01-04
12W	860	13,9W	585	42°	Q638 01-04
2700K - CRI 90 - DALI					
12W	810	13,9W	583	12°	Q639 01-04
12W	810	13,9W	575	26°	Q640 01-04
12W	810	13,9W	551	42°	Q641 01-04

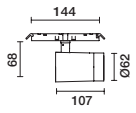


new




source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
7,4W	800	8,3W	568	12°	QP06 01-04
15W	2050	15,8W	1599	26°	QP07 01-04
15W	2050	15,8W	1620	42°	QP08 01-04
4000K - CRI 90 - DALI					
• 7W	800	9W	568	12°	QW98 01-04
• 15W	2050	17W	1599	26°	QW99 01-04
• 15W	2050	17W	1620	42°	QX00 01-04
3000K - CRI 90 - DALI					
12W	830	12,8W	589	12°	QP09 01-04
18W	2000	19,7W	1560	26°	QP10 01-04
18W	2000	19,7W	1580	42°	QP11 01-04
2700K - CRI 90 - DALI					
12W	800	13,4W	568	12°	QP12 01-04
19W	2000	20,9W	1560	26°	QP13 01-04
19W	2000	20,9W	1580	42°	QP14 01-04

QP06, QP09, QP12: Opti Beam Lens

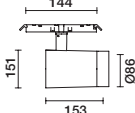


new



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
20W	3050	22W	2379	18°	QP15 01-04
20W	3050	22W	2379	32°	QP16 01-04
20W	3050	22W	2288	56°	QP17 01-04
4000K - CRI 90 - DALI					
• 12W	740	14W	370	8°	QX01 01-04
• 25W	2190	27W	1710	18°	QX02 01-04
• 25W	2190	27W	1710	32°	QX03 01-04
• 25W	2190	27W	1645	56°	QX04 01-04
3000K - CRI 90 - DALI					
11W	820	12,7W	410	8°	QP18 01-04
25W	2900	26,5W	2262	18°	QP19 01-04
25W	2900	26,5W	2262	32°	QP20 01-04
25W	2900	26,5W	2175	56°	QP21 01-04
2700K - CRI 90 - DALI					
12W	790	13,3W	395	8°	QP22 01-04
25W	2800	26,5W	2184	18°	QP23 01-04
25W	2800	26,5W	2184	32°	QP24 01-04
25W	2800	26,5W	2100	56°	QP25 01-04

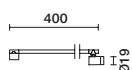
QP18, QP22: Opti Beam Lens



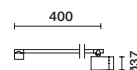
Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

01
WHITE04
BLACK

source	system		optic	code	colour
	W	lm			
LED					
4000K - CRI 90 - DALI					
• 2W	160	-	-	24°	QX05 01-04
3000K - CRI 90 - DALI					
2W	180	3,4W	121	24°	Q642 01-04
2700K - CRI 90 - DALI					
2W	170	3,4W	114	24°	Q643 01-04



source	system		optic	code	colour
	W	lm			
LED					
4000K - CRI 90 - DALI					
• 7W	560	-	-	24°	QX06 01-04
• 7W	560	-	-	44°	QX07 01-04
3000K - CRI 90 - DALI					
7,2W	600	8,6W	426	24°	Q644 01-04
7,2W	600	8,6W	390	44°	Q645 01-04
2700K - CRI 90 - DALI					
7,2W	560	8,6W	398	24°	Q646 01-04
7,2W	560	8,6W	364	44°	Q647 01-04



Optical accessories	code	colour	code	colour	code	colour	code	colour
Opti Beam Refractor								
medium	---	---	---	---	---	---	MY47	24
flood	---	---	---	---	---	---	MY48	24
wide flood	---	---	---	---	---	---	MY49	24
Interchangeable reflectors for LED C.o.B.								
medium	---	---	---	---	---	---	MZ59	12
flood	---	---	---	---	---	---	MZ60	12
wide flood	---	---	---	---	---	---	MZ61	12
Honeycomb louvre	MZ43	04	MZ45	04	MZ81	04	MY38	04
Spill ring	MZ49	04	MZ52	04	---	---	---	---
"Soft Lens" filter	---	---	---	---	---	---	MY46	24
diffuser glass	---	---	---	---	MY23	65	---	---
Refractor for elliptical distribution	MZ47	24	MZ50	24	---	---	MXV1	24
medium	---	---	---	---	MY24	24	---	---
Cylindrical screen	MZ48	04-47	MZ51	04-47	MZ55	04-47	MZ57	04-47
Horizontal directional fins	---	---	---	---	MZ56	04	MZ58	04

Palco

Wall Washer - Low Voltage track

design Artec3 Studio



ø 51



ø 86

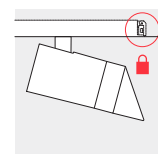


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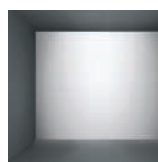
- Wall Washer
- Installation on Low Voltage track (48V) presented on page 272.
- Floodlight with DC / DC converter built into the adapter.
- Adapter-track connection with fast click-fit system.
- Floodlight body in die-cast aluminium.

- 90° angle in the horizontal plane and 360° rotation around the vertical axis.
- CoB LED with high colour yield index.
- Complete with asymmetrical Wall Washer screen
- Compatible with Beacon accessory for 48V track



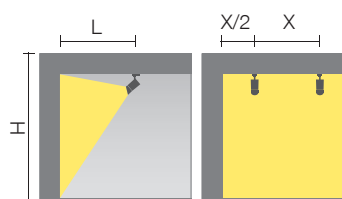
Mechanical locking of adapter to the ø 86 track

Optics

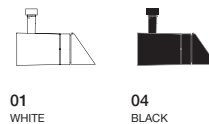


Correct installation


Correct installation distances to achieve uniform lighting of the walls.



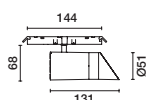
Version (mm)	L (m)	H (m)	X (m)	X/2 (m)
ø 51 mm	1,0	2,7	0,7	0,35
ø 89 mm	1,0	2,7	0,7	0,35




new



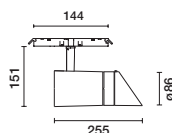
source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90 - DALI					
• 12W	810	-	-	WW	QX09 01-04
3000K - CRI 90 - DALI					
12W	860	13,9W	189	WW	Q652 01-04
2700K - CRI 90 - DALI					
12W	810	13,9W	178	WW	Q653 01-04



new



source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 80 - DALI					
20W	3050	22W	1251	WW	QP26 01-04
4000K - CRI 90 - DALI					
• 20W	3050	22W	1251	WW	QX08 01-04
3000K - CRI 90 - DALI					
25W	2900	26,5W	1189	WW	QP27 01-04
2700K - CRI 90 - DALI					
25W	2800	26,5W	1148	WW	QP28 01-04



Homo Faber 2018 – Venice, Italy
Discovery and Rediscovery -
"Sala del Convitto" /
Curator: Michelangelo Foundation
Photo: Tomas Bertelsen ©Michelangelo Foundation



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- Framer
- Installation on Low Voltage track (48V) presented on page 272.
- Floodlight with DC / DC converter built into the adapter.
- Adapter-track connection with fast click-fit system.
- Floodlight body in die-cast aluminium.

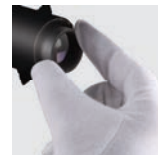
- $\varnothing 19$ floodlight with metal gobo and manual focusing system
- $\varnothing 37$ floodlight with metal gobo and outer fins for adjusting and shaping the light beam.
- CoB LED with high colour yield index
- Compatible with Beacon accessory for 48V track



Compact dimensions



Magnetic system



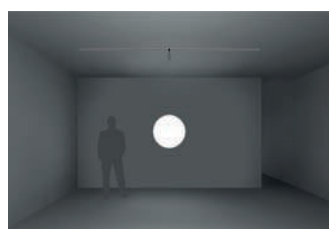
Focusing



No stray light

Lighting effects - $\varnothing 19$

Circles with different dimensions can be adjusted using the internal metal gobo.
Manual focusing.



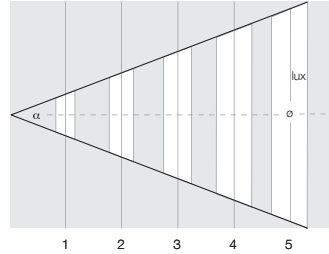
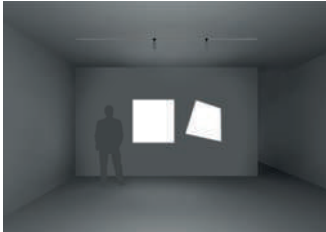
m	$\varnothing 19$ ($\varnothing 5mm$)	
	\varnothing	lux
0,5	0,19	860
1	0,37	205
2	0,56	88
3	0,74	50



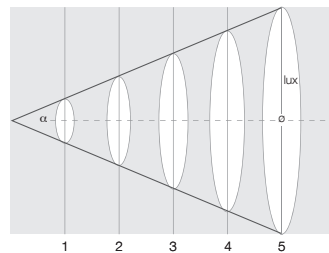
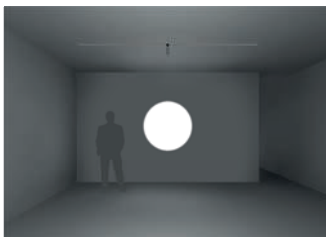
01
WHITE

04
BLACK

Lighting effects - ø 37



m	ø 37	
	L	lux
1	0,36	1606,79
2	0,72	401,70
3	1,08	178,53
4	1,44	100,42
5	1,80	64,27

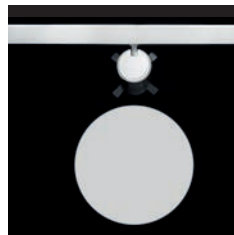
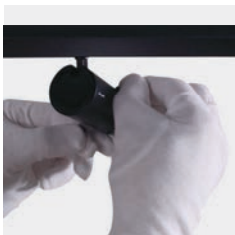


m	ø 37 (ø=5)	
	ø	lux
1	0,17	1600,35
2	0,34	400,09
3	0,51	177,82
4	0,69	100,02
5	0,86	64,01

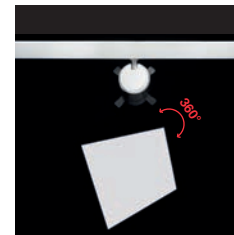
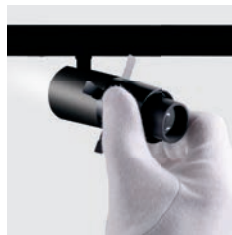
m	ø 37 (ø=10)	
	ø	lux
1	0,34	1684,14
2	0,68	421,03
3	1,02	187,13
4	1,36	105,26
5	1,70	67,37

Shape&Twist - ø 37

External wings for manual adjustment of shapes (three- and four-sided) - Shape



Precision adjustment by rotating the body without having to open the product - Twist!



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new
available from July

source	system		code	colour
	W	lm		
LED				
4000K - CRI 90 - DALI				
• 2W	160	-	-	QX10 01-04
3000K - CRI 90 - DALI				
2W	180	3,4W	4	Q648 01-04
2700K - CRI 90 - DALI				
2W	170	3,4W	3	Q649 01-04



source	system		code	colour
	W	lm		
LED				
4000K - CRI 90 - DALI				
• 11W	920	-	-	QX11 01-04
• 11W	920	-	-	QX45 01-04
3000K - CRI 90 - DALI				
6,5W	620	8W	31	Q650 01-04
2700K - CRI 90 - DALI				
6,5W	590	8W	30	Q651 01-04
4000K - CRI 90 - DALI / Push Dim				
• 11W	920	-	-	QX44 01-04



Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

For missing watt and lumens values consult iguzzini.com - Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

View

Opti Beam Lens Low Voltage track

design iGuzzini/Arup



∅ 126

∅ 126



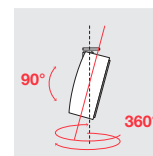
Explore and interact with products in 3D.
thelightexperience.iguzzini.com



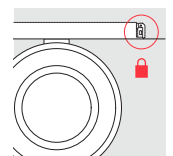
- Installation on Low Voltage track (48V)
- Range of floodlights equipped with a built-in DC / DC converter hidden in the adapter
- Round and square versions.

- In die-cast aluminium and thermoplastic material
- Opti Beam lens in thermoplastic material for a well-defined light cone.
- High visual comfort (when used with related accessories)

- 90° angle on the horizontal plane; 360° rotation around the vertical axis LED C.o.B - high efficiency with passive dissipation

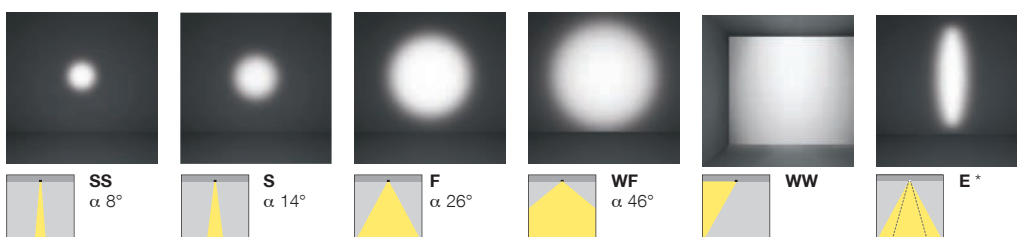


Dual rotation



Mechanical locking of adapter to the track

Optics



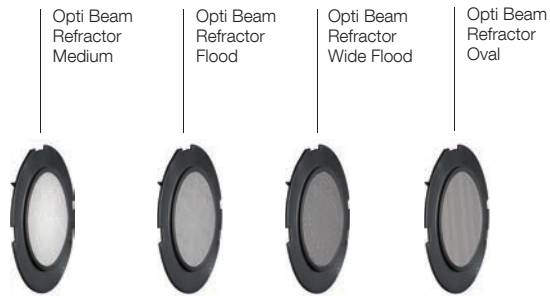
* Elliptical optics are obtained by installing the specific accessory.

Accessories

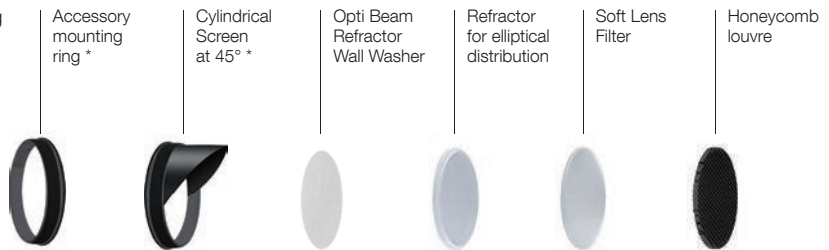
Two technologies available and multiple combinations to ensure maximum application flexibility and visual comfort. The Opti Beam lens produces an extremely concentrated cone (SS) with sharp edges without a double ring effect. In combination, it is possible to fit Opti Beam interchangeable refractors to open the beam to medium, flood and wide flood. Optical and photometric accessories to expand and modulate light emissions.

* Accessory ring and cylindrical screen at 45° allowing installation of up to two flat accessories.

Indoor lighting systems



Outdoor lighting systems



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source	system		optic	code	colour
	W	lm			
LED					
4000K - CRI 80 - DALI					
10W	1100	11,4W	550 8°	QN66	04-47
18W	2400	19,1W	2040 14°	QN67	04-47
18W	2400	19,1W	2011 26°	QN68	04-47
3000K - CRI 90 - DALI					
10W	810	11,4W	405 8°	QN71	04-47
18W	2000	19,1W	1700 14°	QN72	04-47
18W	2000	19,1W	1675 26°	QN73	04-47
18W	2000	19,1W	1658 46°	QN74	04-47

source	system		optic	code	colour
	W	lm			
LED					
4000K - CRI 80 - DALI					
18W	2400	19,1W	1656 WW	QN70	04-47
3000K - CRI 90 - DALI					
18W	2000	19,1W	1380 WW	QN75	04-47

View

Opti Beam Lens Low Voltage track



47
WHITE/BLACK

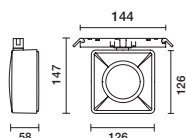


04
BLACK

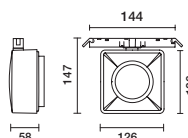
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source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80 - DALI						
10W	1100	11,4W	550	8°	QN86	04-47
18W	2400	19,1W	2040	14°	QN87	04-47
18W	2400	19,1W	2011	26°	QN88	04-47
18W	2400	19,1W	1990	46°	QN89	04-47
3000K - CRI 90 - DALI						
10W	760	11,4W	380	8°	QN91	04-47
18W	2000	19,1W	1700	14°	QN92	04-47
18W	2000	19,1W	1675	26°	QN93	04-47
18W	2000	19,1W	1658	46°	QN94	04-47



source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80 - DALI						
18W	2400	19,1W	1656	WW	QN90	04-47
3000K - CRI 90 - DALI						
18W	2000	19,1W	1380	WW	QN95	04-47



Accessory mounting ring **MZ18** 04



Opti Beam Refractor

oval **MZ29** 24

medium **MZ26** 24

flood **MZ27** 24

wide flood **MZ28** 24

wall washer **MZ30** 24



Honeycomb louvre **MZ20** 04



"Soft Lens" filter **MZ24** 24



Refractor for elliptical distribution **MY34** 24



45° cylindrical screen **MZ16** 04

Mudia Museum – Redu, Belgium

Client: Mudia Museum
 Architectural Project: Atelier de la Grange
 Lighting project: Concepteur Ombre et lumière, Alain Chevalier
 Photo: Kris Dekeijser

Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.



13

Pop Art

Il movimento artistico del Pop Art nasce negli Stati Uniti e in Gran Bretagna negli anni Cinquanta. Si tratta di un movimento che si oppone all'arte astratta e all'arte concettuale, e che si ispira alla cultura popolare e alla pubblicità. Gli artisti Pop Art utilizzano tecniche di riproduzione di massa, come la serigrafia, per creare opere che sono sia arte che oggetti di consumo.

Pop Art

Questo movimento artistico si è sviluppato negli Stati Uniti e in Gran Bretagna negli anni Cinquanta. Si tratta di un movimento che si oppone all'arte astratta e all'arte concettuale, e che si ispira alla cultura popolare e alla pubblicità. Gli artisti Pop Art utilizzano tecniche di riproduzione di massa, come la serigrafia, per creare opere che sono sia arte che oggetti di consumo.



Superrail



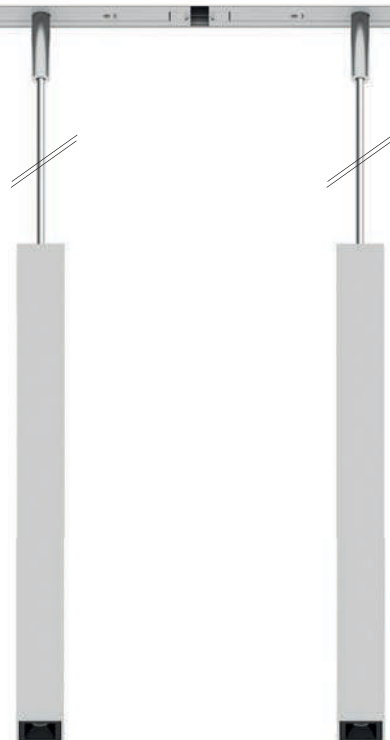
Track h 69 mm
installation pendant up / down light
page 342

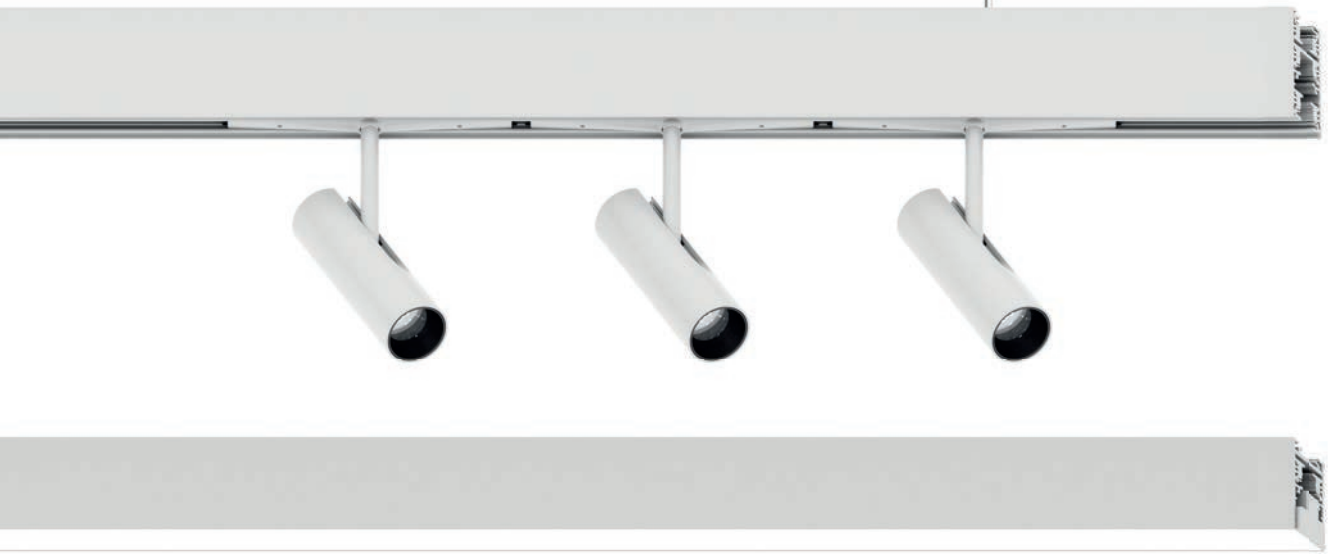


Track h 58 mm
installation ceiling down light
and pendant up / down light
page 342

Frame tack
for recessed installation
page 350

Minimal tack
for recessed installation
page 350





Superrail

ceiling/pendant



Track h 69 mm - pendant up/down light installation



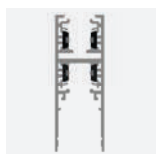
Track h 58 mm - pendant up/down light and ceiling down light installation



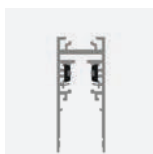
- Version with dual 48V track designed to house various luminaires (some of these lighting elements require a new adapter, to be ordered separately).
- Low voltage 48V track system designed for surface and pendant applications.
- In extruded and painted aluminium.
- Mechanical reliability: secure connection between floodlights and track.
- Specific direct and angular joints (ceiling-ceiling) are available to create continuous rows.
- A closure sheath installed flush with the track aperture is available.
- System complete with power supply units to be ordered separately.

Infinity system

The track can house floodlights for direct/indirect light both upper and lower parts alike and/or LED screens for direct/indirect general continuous lighting.



Track h 69 mm - pendant up/down light installation



Track h 58 mm - pendant up/down light and ceiling down light installation

Lengths

L= 500 / 1000 / 2000 / 3000 mm



L=500



L=1000

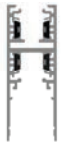


L=2000



L=3000

Track h 69 mm: type of installation / overview of compatible products



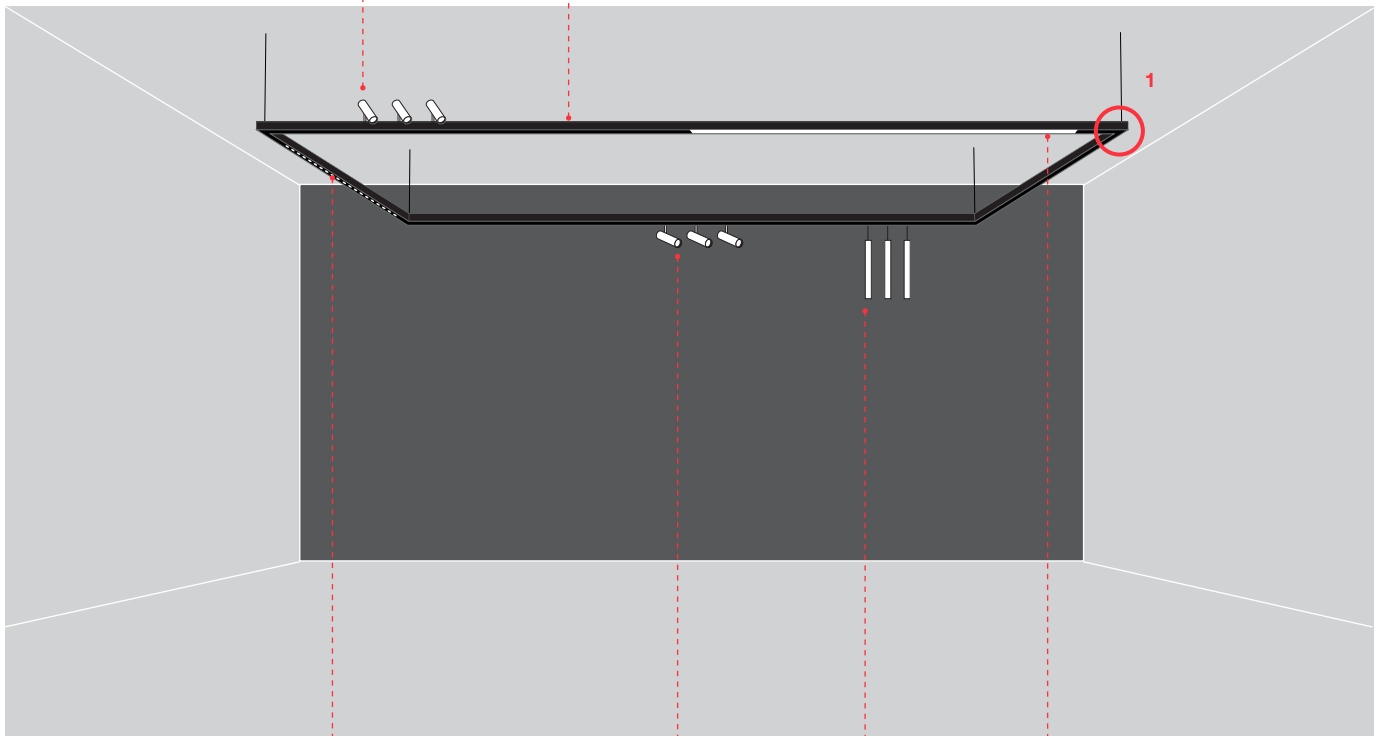
Pendant up / down light installation

1. L-joint for adjacent corners

Up light

Robin

Strip



Down light

Laser Blade XS



High Contrast



Wall Washer LGC



General Lighting Pro

Palco



Robin



View



Laser Blade



Laser



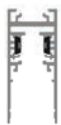
General lighting LED stick



Superrail

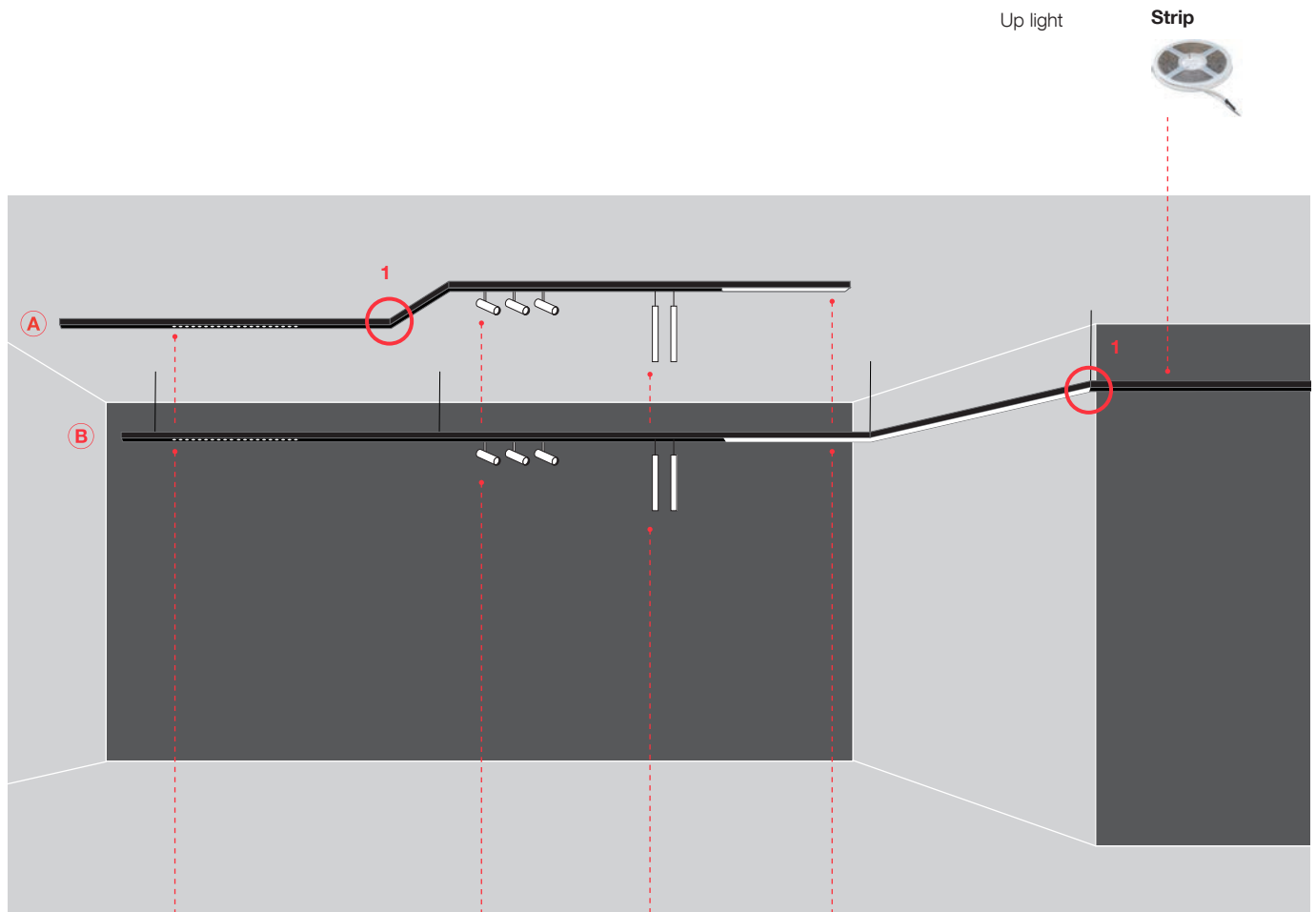
ceiling/pendant

Track h 58 mm: type of installation / overview of compatible products



- A.** Down light ceiling installation
- B.** Pendant up / down light installation

- 1.** Adjacent corner joint (ceiling or suspension installation)



Down light

Laser Blade XS



High Contrast



Wall Washer LGC



General Lighting Pro

Palco



Robin



View



Laser Blade



Laser



General lighting LED stick




The Superrail system provides endless solutions to house floodlights, low-voltage LED modules, with and without adapters, combining direct and/or indirect light.

Consult the table at the side to find your solution and the related code analysis page.



with mechanical lock - code PB61
without mechanical lock - code PB60

		down light emission		up light emission		
		Adapter (code)	Pendant h 69 mm	Ceiling/ Pendant h 58 mm	Pendant h 69 mm	Ceiling/ Pendant h 58 mm
	Laser Blade XS High Contrast low Voltage track (codes on page 313)					
	1 x 26x26	PB60	•	•	-	-
	2 x 26x26	PB60	•	•	-	-
	26x26	PB60	•	•	-	-
	45x45	PB60	•	•	-	-
63x63	PB60	•	•	-	-	
	Laser Blade XS High Contrast / Wall Washer LGC / General Lighting pro low Voltage track (codes page 348)					
	26x100	-	•	•	-	-
27x190	-	•	•	-	-	
	Laser Low Voltage track low Voltage track (codes on page 316)					
	ø 59	PB60	•	•	-	-
ø 75	PB60	•	•	-	-	
	Robin low Voltage track (codes on page 322)					
	ø 37	-	•	•	•	-
	ø 51	-	•	•	•	-
ø 62	-	•	•	•	-	
	Palco low Voltage track (codes on page 328)					
	ø 19	PB60	•	•	-	-
	ø 37	PB60	•	•	-	-
	ø 51	PB60	•	•	-	-
	ø 62	PB61	•	•	-	-
ø 86	PB61	•	•	-	-	
	Palco Beamer low Voltage track (codes on page 326)					
ø 19	PB60	•	•	-	-	
	Palco Wall Washer low Voltage track (codes on page 322)					
	ø 62	PB61	•	•	-	-
ø 86	PB61	•	•	-	-	
	Palco Framer low Voltage track (codes on page 334)					
	ø 51	PB61	•	•	-	-
ø 86	PB61	•	•	-	-	
	View low Voltage track (codes on page 336)					
	ø 126	PB61	•	•	-	-
126 x126	PB61	•	•	-	-	
	Strip Low Voltage track (codes on page 349)					
	L=300	-	-	-	• + code PB49	•
	L=600	-	-	-	• + code PB49	•
L=1200	-	-	-	• + code PB49	•	
	Led stick with Low Voltage track screen (codes on page 349)					
	L=150	-	•	•	-	-
	L=300	-	•	•	-	-
	L=600	-	•	•	-	-
L=1200	-	•	•	-	-	
	Led stick Low Voltage screen to be ordered separately (codes on page 349)					
	L=150	-	•	•	-	-
	L=300	-	•	•	-	-
	L=600	-	•	•	-	-
L=1200	-	•	•	-	-	

Superrail

ceiling/pendant



01
WHITE



04
BLACK

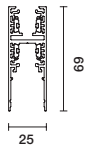
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new
available from July

Track h 69 mm - pendant up/down light installation



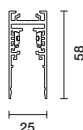
length	code	colour
h 68 mm		
Module		
500	QY77	01-04
1000	QY78	01-04
2000	QY79	01-04
3000	QY80	01-04



Interfaces & remote units	code	colour	Mounting accessories	code	colour	Mounting accessories	code	colour
BLE BeCon Low Voltage Track			Suspension cable			Anti-tilting suspension kit	PB51	01-04
2.4 GHz - 0.36 W - L = 94 mm	PA04	01-04	L=2000	PB50	01-04	Plugs for suspension track	PB58	01-04
Control gear	code	colour	Accessory support for strips L = 1200	PB49	04	Caps for general modules	PB54	01-04
Adapter with mechanical lock	PB61	01-04	Power supply base with power cable and suspension cable					
Adapter without mechanical lock	PB60	01-04	for 2-pole corner joint	PC09	01-04			
L joint	PB42	01-04 For QY77-QY78-QY79-QY80	for 4-pole corner joint	PC10	01-04			
Direct coupling	PB46	00	Power supply base with 2-pole power cable + suspension cable	PB63	01-04 For QY77-QY78-QY79-QY80			
Cover strip			Power supply base with 4-pole power cable + suspension cable	PB65	01-04			
L=1000 2 units	PB59	01-04	Power supply base with power cable					
Feeding head	PB44	01-04	for 2-pole corner joint	PB62	01-04			
			for 4-pole corner joint	PB64	01-04			
Power supply	code	colour	Suspension cable for corner joint					
DALI power supply unit			L=2000	PC08	01-04			
75 W	MZ80	00	L joint					
150 W	MZ37	00	for suspension UP / DOWN track	PB41	01-04			

01
WHITE04
BLACK**Track h 58 mm - pendant up/down light and ceiling down light installation**

length	code colour
h 58 mm	
Module	
500	QY73 01-04
1000	QY74 01-04
2000	QY75 01-04
3000	QY76 01-04



Interfaces & remote units	code	colour	Mounting accessories	code	colour	Power supply	code	colour
BLE BeCon Low Voltage Track			Suspension cable			DALI power supply unit		
2.4 GHz - 0.36 W - L = 94 mm	PA04	01-04	L=2000	PB50	01-04	75 W	MZ80	00
			Power supply base with power cable and suspension cable			150 W	MZ37	00
			for 2-pole corner joint	PC09	01-04			
			for 4-pole corner joint	PC10	01-04	Ceiling power box with remote driver		
						75W	PB66	01-04
Control gear	code	colour	Power supply base with 2-pole power cable + suspension cable	PB63	01-04	150 W	PB67	01-04
Adapter with mechanical lock	PB61	01-04	For QY73-QY74-QY75-QY76					
Adapter without mechanical lock	PB60	01-04	Power supply base with 4-pole power cable + suspension cable	PB65	01-04			
L joint	PB42	01-04	Power supply base with power cable					
			For QY73-QY74-QY75-QY76					
Direct coupling	PB45	01-04	for 2-pole corner joint	PB62	01-04			
Cover strip			for 4-pole corner joint	PB64	01-04			
L=1000 2 units	PB59	01-04	Suspension cable for corner joint					
Feeding head	PB43	01-04	L=2000	PC08	01-04			
			L joint					
			for DOWN ceiling / suspension track	PB40	01-04			
			Anti-tilting suspension kit	PB51	01-04			
			Plugs for ceiling / suspension track	PB57	01-04			
			Caps for general modules	PB54	01-04			

Superrail

ceiling/pendant tv



01
WHITE



43
BLACK/BLACK



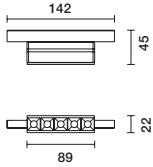
47
WHITE/BLACK

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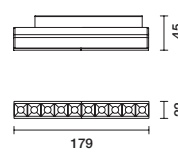
new
available from July



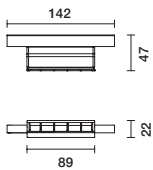
source		system			
W	lm	W	lm	optic	code colour
Laser Blade XS High Contrast					
LED					
4000K - CRI 90 - DALI					
10W	750	11,5W	623	42°	QZ13 01-43-47
3000K - CRI 90 - DALI					
10W	750	11,5W	623	42°	QZ12 01-43-47
2700K - CRI 90 - DALI					
10W	750	11,5W	623	42°	QZ11 01-43-47



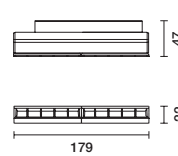
source		system			
W	lm	W	lm	optic	code colour
Laser Blade XS High Contrast					
LED					
4000K - CRI 90 - DALI					
20W	1500	23W	1246	42°	QZ16 01-43-47
3000K - CRI 90 - DALI					
20W	1500	23W	1246	42°	QZ15 01-43-47
2700K - CRI 90 - DALI					
20W	1500	23W	1246	42°	QZ14 01-43-47



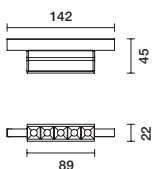
source		system			
W	lm	W	lm	optic	code colour
Laser Blade XS Longitudinal Glare Control					
LED					
4000K - CRI 95 - DALI					
10W	850	15W	264	WW	QZ19 43-47
3000K - CRI 95 - DALI					
10W	850	15W	264	WW	QZ18 43-47
2700K - CRI 95 - DALI					
10W	850	15W	264	WW	QZ17 43-47



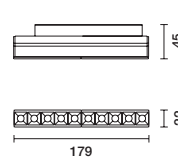
source		system			
W	lm	W	lm	optic	code colour
Laser Blade XS Longitudinal Glare Control					
LED					
4000K - CRI 95 - DALI					
20W	1700	30W	528	WW	QZ22 43-47
3000K - CRI 95 - DALI					
20W	1700	30W	528	WW	QZ21 43-47
2700K - CRI 95 - DALI					
20W	1700	30W	528	WW	QZ20 43-47



source		system			
W	lm	W	lm	optic	code colour
Laser Blade XS General Lighting Pro					
LED					
4000K - CRI 90 - DALI					
10W	750	11,5W	518	GL	QZ25 01
3000K - CRI 90 - DALI					
10W	750	11,5W	518	GL	QZ24 01
2700K - CRI 90 - DALI					
10W	750	11,5W	518	GL	QZ23 01

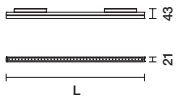


source		system			
W	lm	W	lm	optic	code colour
Laser Blade XS General Lighting Pro					
LED					
4000K - CRI 90 - DALI					
20W	750	23W	1036	GL	QZ28 01
3000K - CRI 90 - DALI					
20W	750	23W	1036	GL	QZ27 01
2700K - CRI 90 - DALI					
20W	750	23W	1036	GL	QZ26 01

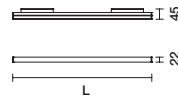


01
WHITE43
BLACK/BLACK

source		system		length	code	colour
W	lm	W	lm			
Stick led with built-in diffuser screen						
LED						
4000K - CRI 90 - DALI						
2,1W	346	3,5W	225	150	QY92	01-04
4,1W	692	5,9W	450	310	QY95	01-04
8,2W	1384	10,2W	900	610	QY98	01-04
16,3W	2769	18,7W	1800	1210	QZ01	01-04
3000K - CRI 90 - DALI						
2,2W	346	3,6W	225	150	QY91	01-04
4,4W	692	6,3W	450	310	QY94	01-04
8,8W	1384	10,9W	900	610	QY97	01-04
17,5W	2769	19,8W	1800	1210	QZ00	01-04
2700K - CRI 90 - DALI						
2,2W	346	3,6W	225	150	QY90	01-04
4,4W	692	6,3W	450	310	QY93	01-04
8,8W	1384	10,9W	900	610	QY96	01-04
17,5W	2769	19,8W	1800	1210	QY99	01-04



source		system		length	code	colour
W	lm	W	lm			
Stick led without diffuser screen						
LED						
4000K - CRI 90 - DALI						
-	450	-	-	310	QZ04	01-04
-	900	-	-	610	QZ07	01-04
-	1800	-	-	1210	QZ10	01-04
3000K - CRI 90 - DALI						
-	450	-	-	310	QZ03	01-04
-	900	-	-	610	QZ06	01-04
-	1800	-	-	1210	QZ09	01-04
2700K - CRI 90 - DALI						
-	450	-	-	310	QZ02	01-04
-	900	-	-	610	QZ05	01-04
-	1800	-	-	1210	QZ08	01-04



Diffuser screen to be ordered separately: PB47 (L = 5 m), PB48 (L = 10 m), PC18 (L = 20 m)



source		system		length	code	colour
W	lm	W	lm			
Up-light led strip						
LED						
4000K - CRI 80						
4,8W	420	-	-	300	QY83	01-04
4,8W	420	-	-	600	QY86	01-04
4,8W	420	-	-	1200	QY89	01-04
3000K - CRI 80						
4,8W	420	-	-	300	QY82	01-04
4,8W	420	-	-	600	QY85	01-04
4,8W	420	-	-	1200	QY88	01-04
2700K - CRI 80						
4,8W	420	-	-	300	QY81	01-04
4,8W	420	-	-	600	QY84	01-04
4,8W	420	-	-	1200	QY87	01-04

For use on 69 mm track the PB49 bracket must be ordered

Mounting accessories

Diffuser screen

L= 5 m **PB47** 38L= 10 m **PB48** 38L=20 m **PC18** 38



Frame track



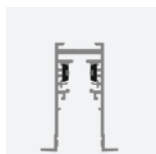
Minimal track



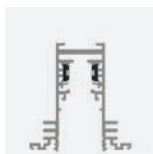
- 48V low voltage track system designed for recessed luminaire applications with trimming frame (frame version) and trimless recessed (minimal version).
- In extruded and painted aluminium.
- Mechanical reliability: secure connection between floodlights and track.
- A closure sheath installed flush with the track aperture is available.
- Specific direct and angular joints (ceiling-ceiling / ceiling-wall) are available to create continuous rows.
- System complete with power supply units to be ordered separately.

Infinity system

The track can house floodlights for direct light and/or LED screens for general continuous light.



frame



minimal
false ceilings
from 12.5 to
20.5 mm

Lengths

L= 500 / 1000 / 2000 / 3000 mm



L=500



L=1000



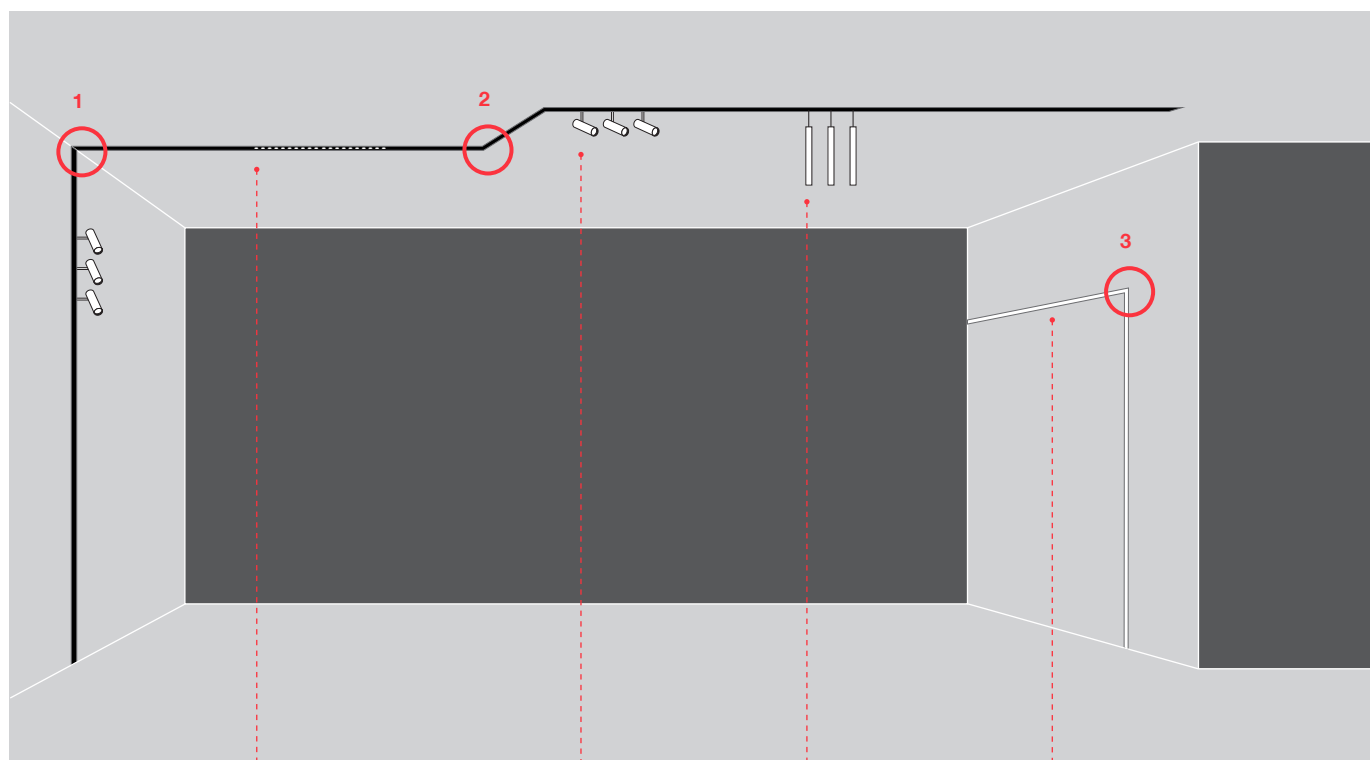
L=2000



L=3000

frame/minimal downlight track type of installation / overview of compatible products

- 1. Ceiling / wall corner joint
- 2. L-joint for corners adjacent to ceiling / wall
- 3. L-joint for corners adjacent to wall / wall



Down light

Laser Blade XS



High Contrast



Wall Washer LGC



General Lighting Pro

Palco



Robin



View



Laser Blade



Laser



General lighting LED stick



Superrail recessed

The Superrail system provides endless solutions to house floodlights, low-voltage LED modules, with and without adapters

Consult the table at the side to find your solution and the related code analysis page.



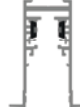
with mechanical lock - code PB61
without mechanical lock - code PB60

down light emission

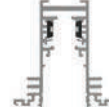
Adapter
(code)



downlight
frame



downlight
minimal

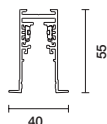


	Adapter (code)	downlight frame	downlight minimal
	Laser Blade XS High Contrast low Voltage track (codes on page 313)		
1 x 26x26	PB60	•	•
2 x 26x26	PB60	•	•
26x26	PB60	•	•
45x45	PB60	•	•
63x63	PB60	•	•
	Laser Blade XS High Contrast / Wall Washer LGC / General Lighting pro low Voltage track (codes on page 354)		
26x100	-	•	•
27x190	-	•	•
	Laser Low Voltage track (codes on page 316)		
ø 59	PB60	•	•
ø 75	PB60	•	•
	Robin low Voltage track (codes on page 322)		
ø 37	-	•	•
ø 51	-	•	•
ø 62	-	•	•
	Palco low Voltage track (codes on page 328)		
ø 19	PB60	•	•
ø 37	PB60	•	•
ø 51	PB60	•	•
ø 62	PB61	•	•
ø 86	PB61	•	•
	Palco Beamer low Voltage track (codes on page 326)		
ø 19	PB60	•	•
	Palco Wall Washer low Voltage track (codes on page 322)		
ø 62	PB61	•	•
ø 86	PB61	•	•
	Palco Frammer low Voltage track (codes on page 334)		
ø 51	PB61	•	•
ø 86	PB61	•	•
	View low Voltage track (codes on page 336)		
ø 126	PB61	•	•
126 x126	PB61	•	•
	Led stick Low Voltage track with screen (codes on page 355)		
L=150	-	•	•
L=300	-	•	•
L=600	-	•	•
L=1200	-	•	•
	Led stick Low Voltage screen to be ordered separately (codes on page 355)		
L=150	-	•	•
L=300	-	•	•
L=600	-	•	•
L=1200	-	•	•

01
WHITE04
BLACK

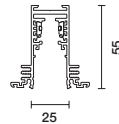
length	code colour
Frame version	
Module	
500	QY69 01-04
1000	QY70 01-04
2000	QY71 01-04
3000	QY72 01-04

Power supply to be ordered separately



length	code colour
Minimal version	
Module	
500	QY65 01-04
1000	QY66 01-04
2000	QY67 01-04
3000	QY68 01-04

Power supply to be ordered separately



Mounting accessories	code	colour
Derma for installation	PB53	00 for minimal versions
L joint		
for frame versions	PB39	01-04
for minimal versions	PB38	01-04
Fixing bars	PB52	00 for frame versions
Caps for general modules	PB54	01-04
End cap		
for frame versions	PB56	01-04
for minimal versions	PB55	01-04

Control gear	code	colour
Adapter with mechanical lock	PB61	01-04
Adapter without mechanical lock	PB60	01-04
L joint	PB42	01-04 For QY65-QY66-QY67- QY68-QY69-QY70-QY71- QY72
L-shaped wall / ceiling joint	MZ42	01-04
Direct coupling	PB45	01-04
Cover strip		
L=1000 2 units	PB59	01-04
Feeding head	PB43	01-04

Interfaces & remote units	code	colour
BLE BeCon Low Voltage Track		
2.4 GHz - 0.36 W - L = 94 mm	PA04	01-04
DALI power supply unit		
75 W	MZ80	00
150 W	MZ37	00



01
WHITE

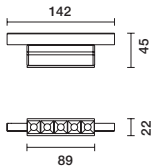


43
BLACK/BLACK

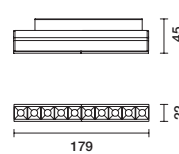


47
WHITE/BLACK

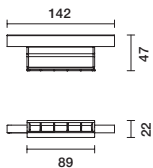
new
available from July



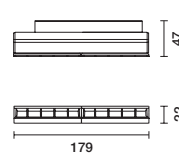
source		system		optic	code colour
W	lm	W	lm		
Laser Blade XS High Contrast					
LED					
4000K - CRI 90 - DALI					
10W	750	11,5W	623	42°	QZ13 01-43-47
3000K - CRI 90 - DALI					
10W	750	11,5W	623	42°	QZ12 01-43-47
2700K - CRI 90 - DALI					
10W	750	11,5W	623	42°	QZ11 01-43-47



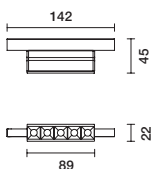
source		system		optic	code colour
W	lm	W	lm		
Laser Blade XS High Contrast					
LED					
4000K - CRI 90 - DALI					
20W	1500	23W	1246	42°	QZ16 01-43-47
3000K - CRI 90 - DALI					
20W	1500	23W	1246	42°	QZ15 01-43-47
2700K - CRI 90 - DALI					
20W	1500	23W	1246	42°	QZ14 01-43-47



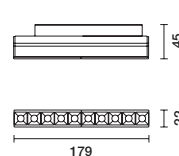
source		system		optic	code colour
W	lm	W	lm		
Laser Blade XS Longitudinal Glare Control					
LED					
4000K - CRI 95 - DALI					
10W	850	15W	264	WW	QZ19 43-47
3000K - CRI 95 - DALI					
10W	850	15W	264	WW	QZ18 43-47
2700K - CRI 95 - DALI					
10W	850	15W	264	WW	QZ17 43-47



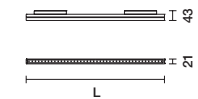
source		system		optic	code colour
W	lm	W	lm		
Laser Blade XS Longitudinal Glare Control					
LED					
4000K - CRI 95 - DALI					
20W	1700	30W	528	WW	QZ22 43-47
3000K - CRI 95 - DALI					
20W	1700	30W	528	WW	QZ21 43-47
2700K - CRI 95 - DALI					
20W	1700	30W	528	WW	QZ20 43-47



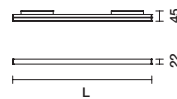
source		system		optic	code colour
W	lm	W	lm		
Laser Blade XS General Lighting Pro					
LED					
4000K - CRI 90 - DALI					
10W	750	11,5W	518	GL	QZ25 01
3000K - CRI 90 - DALI					
10W	750	11,5W	518	GL	QZ24 01
2700K - CRI 90 - DALI					
10W	750	11,5W	518	GL	QZ23 01



source		system		optic	code colour
W	lm	W	lm		
Laser Blade XS General Lighting Pro					
LED					
4000K - CRI 90 - DALI					
20W	750	23W	1036	GL	QZ28 01
3000K - CRI 90 - DALI					
20W	750	23W	1036	GL	QZ27 01
2700K - CRI 90 - DALI					
20W	750	23W	1036	GL	QZ26 01

01
WHITE43
BLACK/BLACK47
WHITE/BLACK

source		system			length	code	colour
W	lm	W	lm	lm			
Stick led with built-in diffuser screen							
LED							
4000K - CRI 90 - DALI							
2,1W	346	3,5W	225	150		QY92	01-04
4,1W	692	5,9W	450	310		QY95	01-04
8,2W	1384	10,2W	900	610		QY98	01-04
16,3W	2769	18,7W	1800	1210		QZ01	01-04
3000K - CRI 90 - DALI							
2,2W	346	3,6W	225	150		QY91	01-04
4,4W	692	6,3W	450	310		QY94	01-04
8,8W	1384	10,9W	900	610		QY97	01-04
17,5W	2769	19,8W	1800	1210		QZ00	01-04
2700K - CRI 90 - DALI							
2,2W	346	3,6W	225	150		QY90	01-04
4,4W	692	6,3W	450	310		QY93	01-04
8,8W	1384	10,9W	900	610		QY96	01-04
17,5W	2769	19,8W	1800	1210		QY99	01-04



source		system			length	code	colour
W	lm	W	lm	lm			
Stick led without diffuser screen							
LED							
4000K - CRI 90 - DALI							
-	450	-	-	310		QZ04	01-04
-	900	-	-	610		QZ07	01-04
-	1800	-	-	1210		QZ10	01-04
3000K - CRI 90 - DALI							
-	450	-	-	310		QZ03	01-04
-	900	-	-	610		QZ06	01-04
-	1800	-	-	1210		QZ09	01-04
2700K - CRI 90 - DALI							
-	450	-	-	310		QZ02	01-04
-	900	-	-	610		QZ05	01-04
-	1800	-	-	1210		QZ08	01-04

Diffuser screen to be ordered separately: PB47 (L = 5 m), PB48 (L = 10 m), PC18 (L = 20 m)

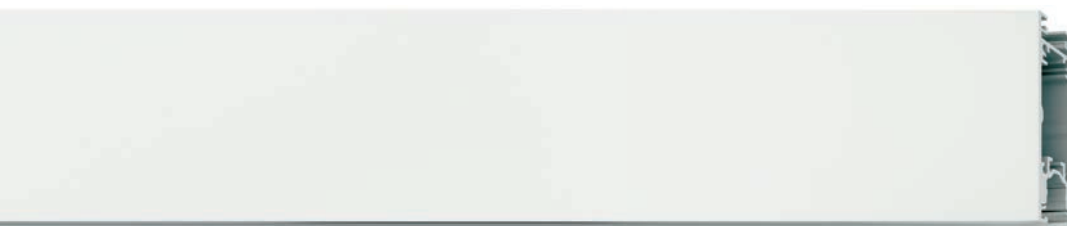
Mounting accessories	code	colour
Diffuser screen		
L= 5 m	PB47	38
L= 10 m	PB48	38
L=20 m	PC18	38



wineBANK - Cologne, Germany
 Client: Vermietungsgemeinschaft Frey / Lighting project: arens faulhaber lichtplaner
 Photo: Jens Kirchner

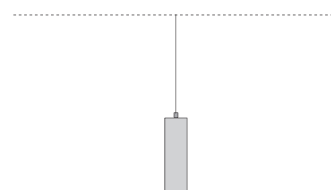


Binario Low Voltage

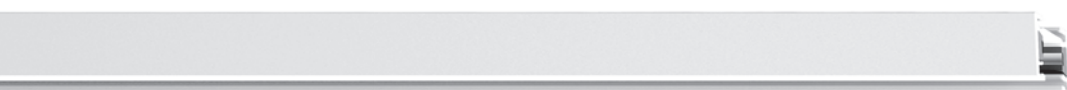


NEW Track h 70 mm
pendant up/down light installation

page 358

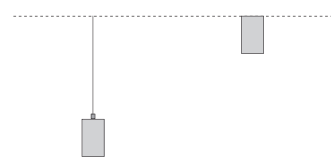


Pendant



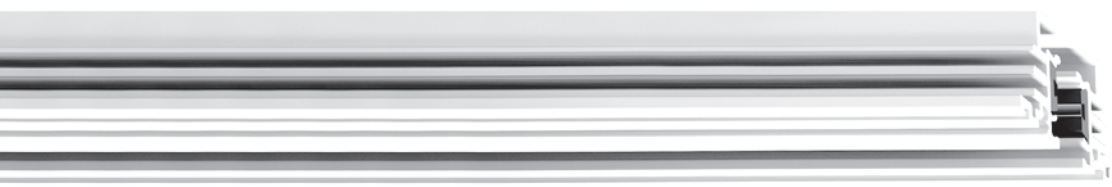
Track h 30 mm
for ceiling and pendant up/down light installation

page 358



Pendant

Ceiling-mounted



Minimal track
for recessed installation module

page 362



Downlight
(Minimal)

Homo Faber - Venice, Italy

Evolution of form - Longhena Library

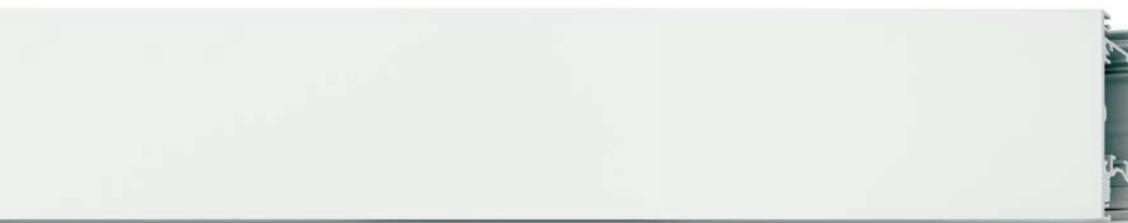
Curator: Triennial Design Museum

Designer: apml architetti

Photo: © François Wavre / Michelangelo Foundation for Creativity and Craftsmanship

Low Voltage Track

ceiling / pendant



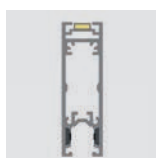
NEW Track h 70 mm - pendant up/down light installation



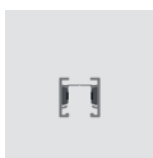
Track h 30 mm for ceiling and pendant up/down light installation



- Low voltage track (48V).
- Surface mount and frameless downlight versions for false ceilings (Minimal).
- Ceiling, wall and suspended applications.
- Pre-set for mechanical click-fit mounting and fast connection with adapters.
- A snug track sheath is available to cover spaces not fitted with floodlights.
- Connection joints, installation accessories and power supply units are available with separate code numbers.

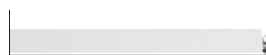


Track h 70 mm - pendant up/down light installation

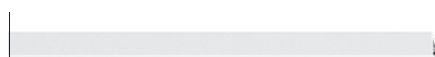


Track h 30 mm for ceiling and pendant up/down light installation

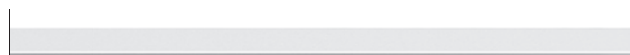
Lengths



L=500



L=100



L=2000



L=3000

Track h 70 and h 30 mm: type of installation / overview of compatible products



A. Track h 70 mm - pendant up/down light installation.

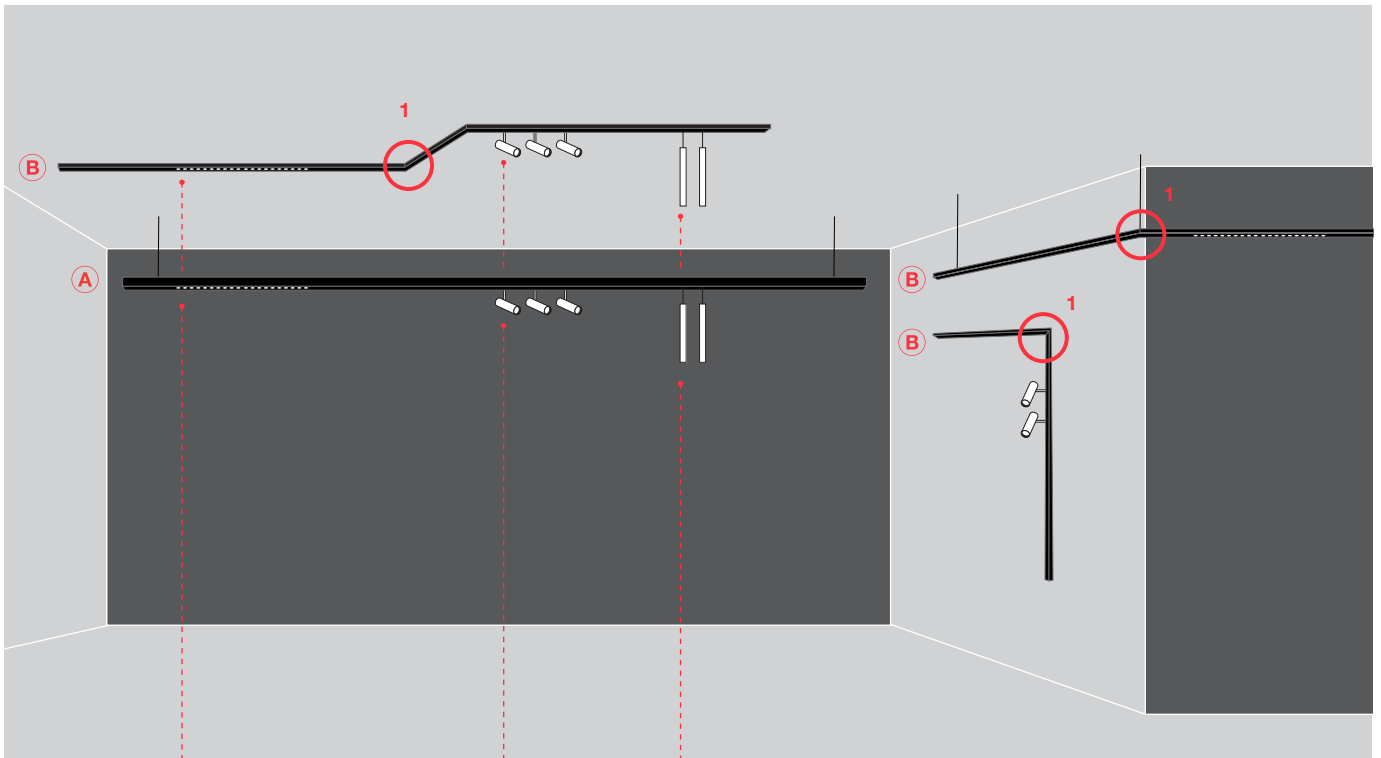
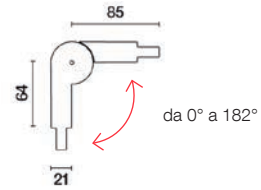
Track complete with LED module for up light emission



B. Track h 30 mm for ceiling and pendant up/down light installation

1. Joint for adjacent corners (only for down light modules)

The articulated joint is used to change direction between two consecutive tracks even at angles other than 90°. The angle joint is also available with possibility of power supply



Down light **Laser Blade XS**



High Contrast



Wall Washer



General Lighting Pro

Palco



Robin



View



Laser Blade



Laser



Low Voltage Track ceiling / pendant



01
WHITE



04
BLACK

iguzzini.com code finder / download design files / save and organize favorites

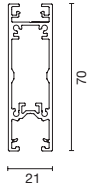
new
Available

Track h 70 mm - pendant up/down light installation



source		system		length	code	colour
W	lm	W	lm			
Module for pendant installation - Up Light						
LED						
3000K - CRI 90 - DALI						
14W	2000	15,5W	1420	2000	QT52	01-04
24W	3350	25,6W	2379	3000	QT53	01-04
2700K - CRI 90 - DALI						
14W	1950	15,5W	1385	2000	QT54	01-04
24W	3200	25,6W	2272	3000	QT55	01-04

PA92 suspension kits to be ordered separately. End caps included.
Power supply to be ordered separately



Power supply		code	colour	Mounting accessories		code	colour
	DALI driver box Low Voltage track with cables				Suspension kit with 4 steel cables		
75W		MZ94	01-04	L=2000		PA92	00
150W		MZ93	01-04		Anti-tilting suspension kit	BE37	00-01-04



**BV BMZ Kaltenkirchen -
Wilhelmshaven, Germany**
Interior architect: Imke Stüven
Innenarchitektin
Photo: Ossip Architectuurfotografie

01
WHITE04
BLACK**Track h 30 mm for ceiling and pendant up/down light installation**

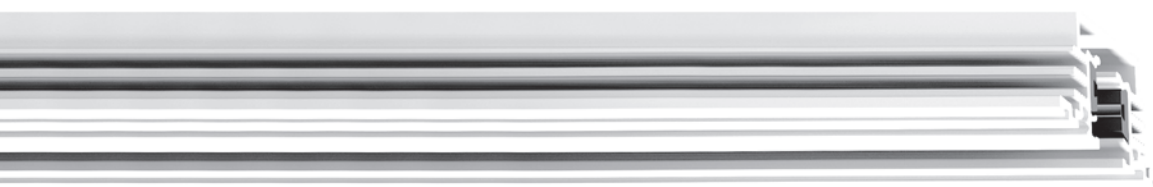
length	code colour
Module for ceiling-mounted and pendant installation	
Module	
500	Q614 01-04
1000	Q615 01-04
2000	Q616 01-04
3000	Q617 01-04



Interfaces & remote units	code	colour	Mounting accessories	code	colour	Power supply	code	colour
BLE BeCon Low Voltage Track			Power supply base with suspension cable			DALI power supply unit		
2.4 GHz - 0.36 W - L = 94 mm	PA04	01-04	L=2000	MZ67	01-04	75 W	MZ80	00
			with suspension cable with millimetrical adjustment L=2000	MZ66	01-04	150 W	MZ37	00
Control gear	code	colour	5-pole power supply strip			DALI driver box for Low Voltage track		
Direct coupling			with suspension cable with millimetrical adjustment L=2000	MZ98	01-04	75W	MZ96	01-04
for ceiling or suspended installation	MZ63	01-04				150W	MZ95	01-04
Ball joint			Suspension cable			DALI driver box Low Voltage track with cables		
geared for power supply	MZ99	01-04	L=2000	MZ65	00	75W	MZ94	01-04
for ceiling or suspended installation	MZ64	01-04				150W	MZ93	01-04
Cover strip			Suspension kit with 4 steel cables					
L=1000 2 units	MZ38	01-04	L=2000	PA92	00			
Power supply for low voltage track			Wall attachment	MZ69	01-04			
with closing cap	MZ62	01-04	Ceiling mounting attachment	MZ70	00			
			Cable for coupling control panels					
			L=2000	MZ68	00			
			Anti-tilting suspension kit	BE37	00-01-04			

Low Voltage track

Recessed



Recessed installation module

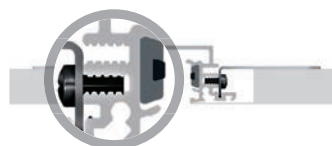
IP20



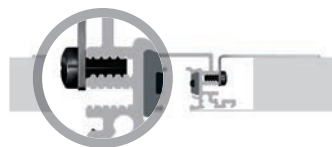
- Low voltage track (48V).
- Surface mount and frameless recessed versions for false ceilings (Minimal).
- Ceiling, wall and suspended applications.
- Pre-set for mechanical click-fit mounting and fast connection with adapters.
- A snug track sheath is available to cover spaces not fitted with floodlights.
- Connection joints, installation accessories and power supply units are available with separate code numbers.

Installations on various thickness of false ceilings

from 12.5 mm to 20.5 mm



false ceilings from 12.5 to 16.5 mm



false ceilings from 16.5 to 20.5 mm

Lengths



L=500



L=1000



L=2000



L=3000

Recessed track: type of installation / overview of compatible products

Recessed track:
frame / minimal

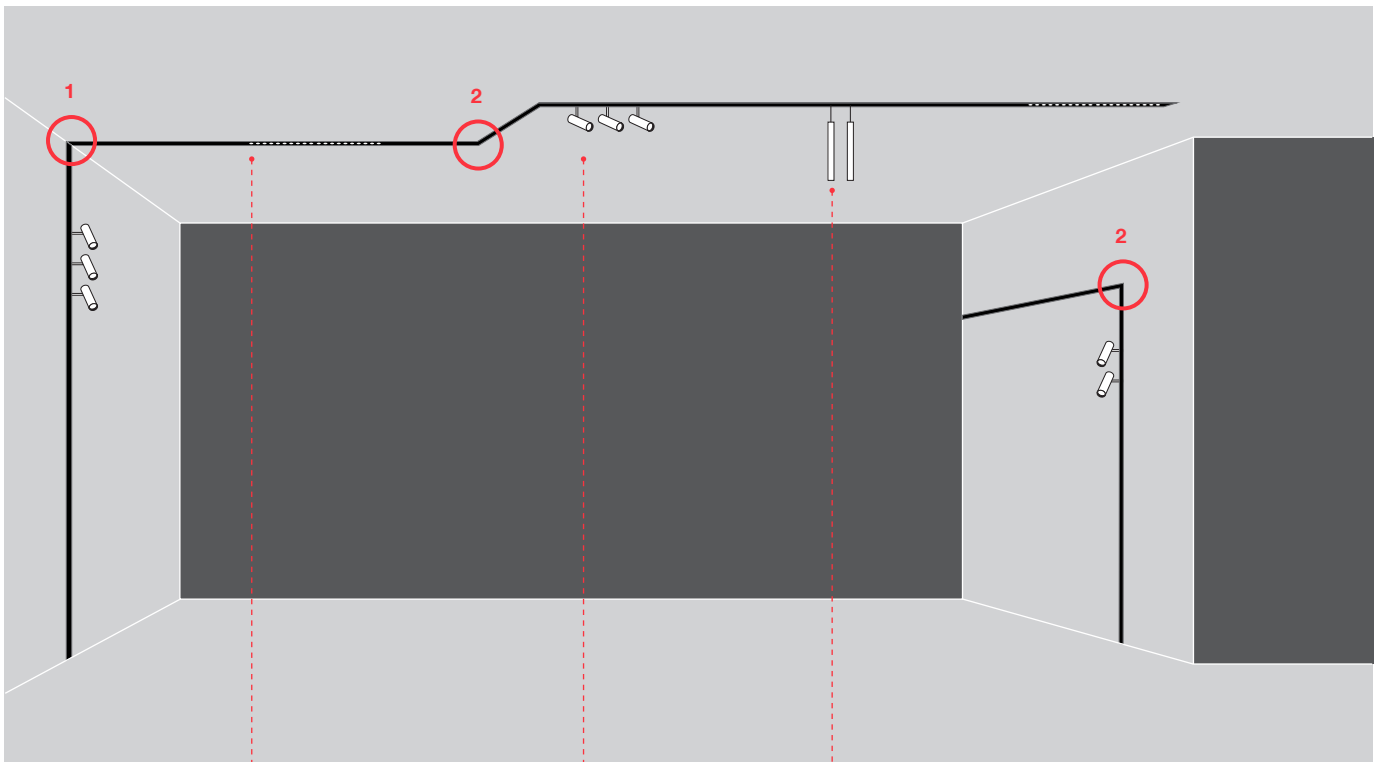
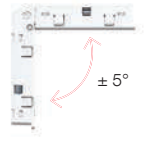
1. Wall-ceiling joint

The joint allows adjustments of $\pm 5^\circ$



2. Joint for adjacent corners

The joint allows adjustments of $\pm 5^\circ$



Down light

Laser Blade XS



High Contrast



Wall Washer



General Lighting Pro

Palco



Robin



View



Laser Blade



Laser



Low Voltage track Recessed

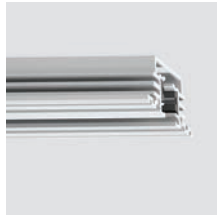


01
WHITE



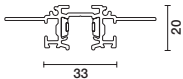
04
BLACK

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length	code colour
Module for recessed installation	
Module	
500	Q618 01-04
1000	Q619 01-04
2000	Q620 01-04
3000	Q621 01-04

Power supply to be ordered separately



Interfaces & remote units	code	colour	Control gear	code	colour	Mounting accessories	code	colour
BLE BeCon Low Voltage Track			L joint	MZ41	01-04	Derma for installing structural sections 2 units	PA05	00
2.4 GHz - 0.36 W - L = 94 mm	PA04	01-04	L-shaped wall / ceiling joint	MZ42	01-04	90° profile	BE38	01-04
			Direct coupling	MZ40	01-04			
Power supply	code	colour	Cover strip					
DALI power supply unit								
75 W	MZ80	00	L=1000 2 units	MZ38	01-04			
150 W	MZ37	00	Power head with closing cap	MZ39	01-04			
								for recessed installation

Homo Faber 2018 - Venice, Italy
In the patterns of fashion - Former Gandini Swimming Pool
Curator: Judith Clark, Sam Collins
Project management: Alessandra Grignaschi
Photo: Mario Tordini

Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.





General lighting systems

Perceptive uniformity of space

General lighting is obtained using broad beam optics and down and/or up light. We apply different optical technologies to track formal identity and always ensure optimal visual comfort and energy efficiency. Downlight, suspended and ceiling-mounted modular installations are envisaged.



- 368 Overview General lighting systems
- 374 Isola
- 380 iPlan
- 384 iPlan Access
- 389 iN 30
- 389 iN 60
- 389 iN 90

Evolution Tower – Moscow, Russia

Client: Transneft

Architectural Project: RMJM, Tony Kettle, Karen Forbes, Philipp Nikandrov

Lighting project: Skira Architectural Lighting

General contractor: Velesstroy

Interior architects: IQ Elforma

Photo: Ivan Smelov

Overview General lighting systems



374 Isola



380 iPlan



384 iPlan Access



390 iN30
High Contrast UGR<10



390 iN30
General Lighting - Low
Contrast

Performances

Optics	GL	GL/UGR	GL/UGR	48°/GL	48°/GL
Power W	26,5 → 170	33 → 41	16,5 → 36,2	18,5 → 49,3	18,5 → 49,3
Luminous flux lm	2970 → 22854	894 → 1247	2040 → 3969	1576 → 4064	1576 → 4064
Colour temperature	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Emergency		•			

Dimensions and versions

Length (range cm)	(ø) 1150/870/590	1200	300 → 1200	1197 → 1492	1197 → 2394
Downlight	•		•	•	•
Ceiling-mounted	•		•	•	•
Wall-mounted	•	•	•	•	•
Pendant	•	•	•	•	•
Floor lamp		•			
Continual line				•	•



406 iN90
General Lighting - Low
Contrast



406 iN90
UGR<19

Performances

Optics	GL	UGR
Power W	17 → 151,9	8,4 → 69,7
Luminous flux lm	1850 → 16048	900 → 8040
Colour temperature	3000/4000	3000/4000
Emergency		

Dimensions and versions

Length (range cm)	598 → 1196	598 → 1196
Downlight	•	•
Ceiling-mounted	•	•
Wall-mounted	•	•
Pendant	•	•
Floor lamp		
Continual line	•	•

Optics: LC Low Contrast - UGR Controlled luminance - WW Wall Washer - GL General Lighting



394 iN60
MMO UGR<19

394 iN60
General Lighting - Low
Contrast

394 iN60
Wall Washer

406 iN90

new

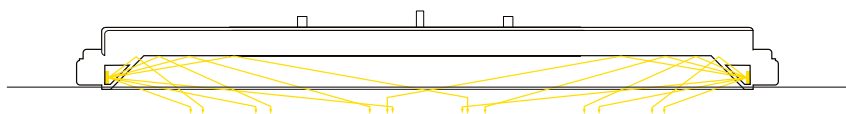
LC	WW	GL/UGR	UGR
10,2 → 49,3	10,2 → 21,4	17,4 → 91,2	8,4 → 69,7
1576 → 4078	768 → 1829	2036 → 12960	900 → 8040
3000/4000	3000/4000	3000/3139/4000	3000/4000
1197 → 2394	598 → 3588	597 → 1196	598 → 3588
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•

Overview General lighting systems

It's in the optic

Optics

Perimeter LED light emission ensuring uniform and comfortable light diffusion, with UGR values of <19 and controlled luminance values. Ideal in work environments.



Screens

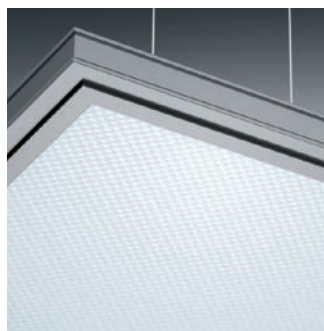
Two screens for general lighting: one with an opal screen and the other with micro-prismatic HP screen with filter for highly professional performance and efficiency up to 110 lm / W.

Another micro-prismatic screen for comfortable light with values of UGR <19 and controlled luminance <3000cd/m².



Opal screen

Devices with opal polycarbonate diffusers ensure broad and uniform distribution of light.

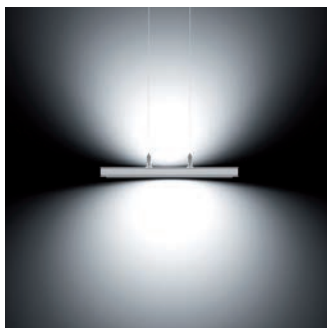


Micro-prismatic screen

Luminaires with a micro-prismatic screen provide high luminous efficiency and perfect luminance control UGR<19.

Light Emissions

The ability to "modulate" the light emission of the flow ensures correct illumination of areas of operative interest with direct emission (down light) at the same time as indirect emission (up light), while maintaining correct uniformity values and ensuring optimal visual comfort.



Up down lighting



Down lighting

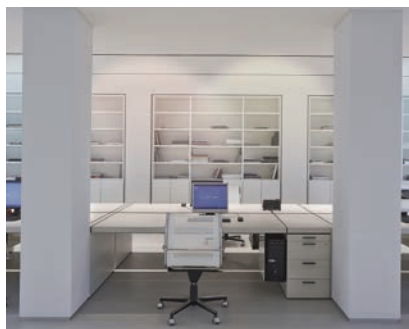
Reliability for better Light

MacAdam

We choose the world's best suppliers to ensure consistent and repetitive selection of LEDs to ensure colour uniformity not only over time but also between different products in the same lighting project, up to MacAdam Step 2.



iGuzzini (MacAdam step 2)



Other solutions (MacAdam step > 3)

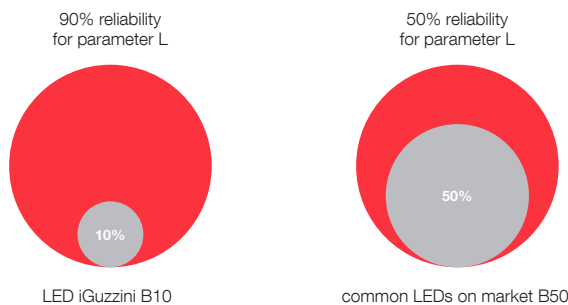
CRI

Chromatic yield defines the ability to saturate the colours. We select the best LEDs ensuring incomparable colour yield with values in excess of 90.



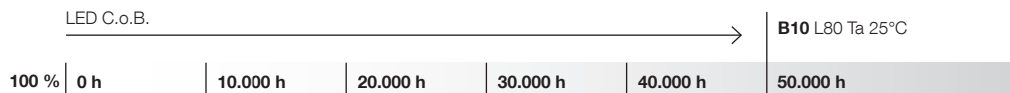
Duration of LEDs

The lifespan of LEDs is a given statistic. Parameters "L" and "B" describe the percentage value of the final luminous flux (L) and the confidence level expressed (B). Our new generation products always envisage B10 or B20, thereby stating extremely reliable LED lifespan values.



B10

Indicates a 90% reliability level at the point the declared lifetime is reached with the light flow indicated.



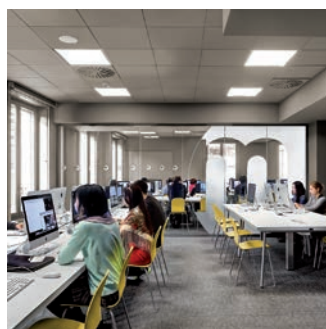
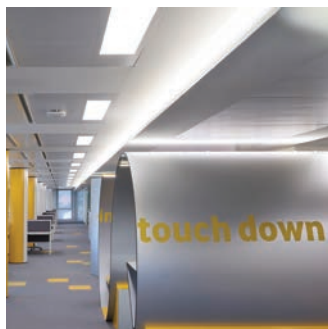
Overview General lighting systems

Reliability for better Light

Downlights for modular false ceilings

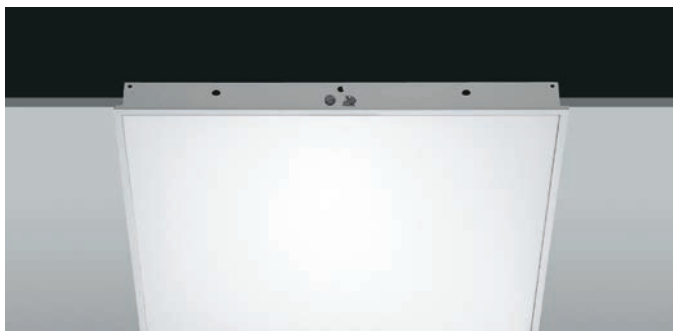
Modular flush-mount units are designed for office settings, meeting rooms, professional studios, hospitality lounges, waiting rooms and passage areas featuring standard module false ceilings.

These luminaires have many advantages: reduced height, rapid fixing, easy installation.



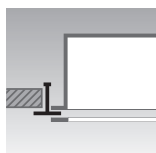
Reduced height

The extremely compact dimensions of these units allows installation even with rather low false ceilings.

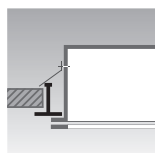


Installation

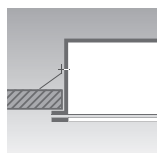
These modular downlights can be installed thanks to special accessories on all types of false ceilings and / or walls.



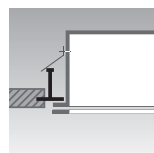
Grid installation from above



Grid installation from below



Plasterboard application



Hidden grid installation from below

Electronic features



Emergency lighting

Luminaires

incorporating an emergency device, in compliance with regulations governing their use, are now widespread in homes, offices and public areas.



DALI protocol

Digital Addressable Lighting Interface

This technology allows not just energy savings but also customised lighting set-ups.





Pendant
ø 1150 mm



Ceiling light
ø 1150 mm



Recessed
ø 1150 mm



Pendant
ø 870 mm



Pendant
ø 590 mm



Ceiling light
ø 870 mm



Ceiling light
ø 590 mm



Recessed
ø 870 mm



Recessed
ø 590 mm



Explore and interact with products in 3D.
thelightexperience.iguzzini.com



- Surface-mount device.
- Available in 3 scaled sizes
- Can be adapted for suspended and downlight versions using special accessories with separate codes
- Down light emission
- Up/down versions with indirect decorative flow (aura) also available in surface-mount versions
- Backlit LED technology
- General Light and UGR <19 - 3000 cd/m2 versions
- Wiring envisaged: DALI and Bluetooth
- IP20

Light distribution

The opal methacrylate diffuser version ensures broad and uniform distribution of light. A special lighting aura creates a delicate, elegant crown on the ceiling.



Aura/Downlight for surface-mount and suspended versions

Downlight for flush and ceiling mounting

Screens

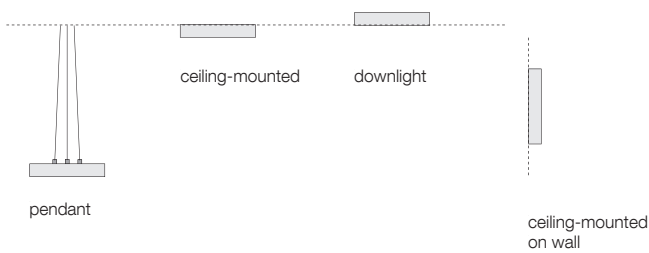
Two screens for general lighting: one with an opal screen and the other with micro-prismatic HP screen with filter for highly professional performance and efficiency up to 110 lm / W.



opal diffuser

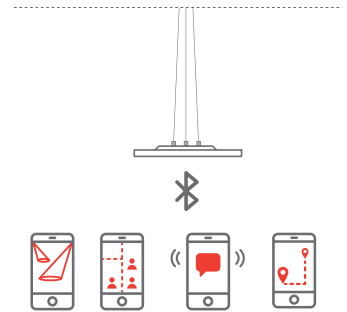
micro-prismatic diffuser

Installations



BLE-DALI 4 Interface

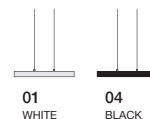

Smart device using the Bluetooth Low Energy protocol (integrated in the product) capable of activating management of lighting (smart light control) and the beacon (smart services: Space Management Push notification and Indoor Navigation).



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source	system		code	colour
	W	lm		
General light - Down light				
LED				
4000K - CRI 80 - DALI				
39W	7350	43,1W	5586	QL64 01-04
3000K - CRI 80 - DALI				
39W	6950	43,1W	5282	QL65 01-04
Tunable White - CRI 80 - DALI				
24W	4700	27,8W	3760	QL66 01-04
Complete with power supply				

source	system		code	colour
	W	lm		
UGR<19 3000 cd/mq - Down light				
LED				
4000K - CRI 80 - DALI				
23W	4650	26,5W	3255	QL82 01-04
4000K - CRI 90 - DALI				
27W	4700	29,4W	3102	QM00 01-04
3000K - CRI 80 - DALI				
23W	4450	26,5W	3115	QL83 01-04
3000K - CRI 90 - DALI				
27W	4500	29,4W	2970	QM01 01-04
Tunable White - CRI 80 - DALI				
24W	4700	27,8W	3196	QL84 01-04
Complete with power supply				

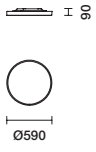

source		system		code	colour
W	lm	W	lm		
General light - Aura/down light					
LED					
4000K - CRI 80 - DALI					
39W	7350	43,1W	5733	QL73	01-04
3000K - CRI 80 - DALI					
39W	6950	43,1W	5421	QL74	01-04
4000K - CRI 80 - Bluetooth Low Energy (BLE)					
39W	7200	47W	5350	QM12	01-04
3000K - CRI 80 - Bluetooth Low Energy (BLE)					
39W	6800	47W	5100	QM13	01-04
Tunable White - CRI 80 - DALI					
24W	4700	27,8W	3807	QL75	01-04

Complete with power supply

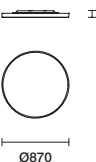

source		system		code	colour
W	lm	W	lm		
UGR<19 3000 cd/mq - Aura/down light					
LED					
4000K - CRI 80 - DALI					
26W	5100	29,1W	3672	QL91	01-04
4000K - CRI 90 - DALI					
30W	5200	32,3W	3588	QM06	01-04
3000K - CRI 80 - DALI					
26W	4850	29,1W	3492	QL92	01-04
3000K - CRI 90 - DALI					
30W	4950	32,3W	3416	QM07	01-04
4000K - CRI 80 - Bluetooth Low Energy (BLE)					
28W	5500	36W	3800	QM18	01-04
4000K - CRI 90 - Bluetooth Low Energy (BLE)					
28W	3700	36W	3200	QM24	01-04
3000K - CRI 80 - Bluetooth Low Energy (BLE)					
28W	5200	36W	3600	QM19	01-04
3000K - CRI 90 - Bluetooth Low Energy (BLE)					
28W	4400	36W	3100	QM25	01-04
Tunable White - CRI 80 - DALI					
24W	4700	27,8W	3243	QL93	01-04

Complete with power supply

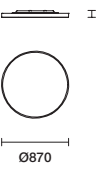
source		system		code	colour
W	lm	W	lm		
General light - Down light					
LED					
4000K - CRI 80 - DALI					
85W	16100	90,8W	12236	QL67	01-04
3000K - CRI 80 - DALI					
85W	15250	90,8W	11590	QL68	01-04
Tunable White - CRI 80 - DALI					
50W	9950	58,8W	7264	QL69	01-04

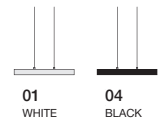
Complete with power supply

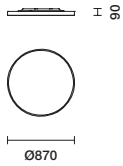
source		system		code	colour
W	lm	W	lm		
UGR<19 3000 cd/mq - Down light					
LED					
4000K - CRI 80 - DALI					
51W	10300	54,7W	7210	QL85	01-04
4000K - CRI 90 - DALI					
56W	10550	60,2W	7280	QM02	01-04
3000K - CRI 80 - DALI					
51W	9750	54,7W	6825	QL86	01-04
3000K - CRI 90 - DALI					
56W	10100	60,2W	6969	QM03	01-04
Tunable White - CRI 80 - DALI					
50W	9950	58,8W	6070	QL87	01-04

Complete with power supply

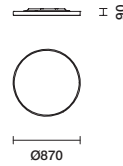




source		system		code	colour
W	lm	W	lm		
General light - Aura/down light					
LED					
4000K - CRI 80 - DALI					
85W	16100	90,8W	12397	QL76	01-04
3000K - CRI 80 - DALI					
85W	15250	90,8W	11743	QL77	01-04
4000K - CRI 80 - Bluetooth Low Energy (BLE)					
81W	15200	93W	12850	QM14	01-04
3000K - CRI 80 - Bluetooth Low Energy (BLE)					
81W	14400	93W	12300	QM15	01-04
Tunable White - CRI 80 - DALI					
50W	9950	58,8W	7363	QL78	01-04



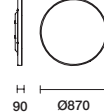
source		system		code	colour
W	lm	W	lm		
UGR<19 3000 cd/mq - Aura/down light					
LED					
4000K - CRI 80 - DALI					
55W	10950	59,3W	7775	QL94	01-04
4000K - CRI 90 - DALI					
59W	11050	64,6W	7846	QM08	01-04
3000K - CRI 80 - DALI					
55W	10400	59,3W	7384	QL95	01-04
3000K - CRI 90 - DALI					
59W	10600	64,6W	7526	QM09	01-04
4000K - CRI 80 - Bluetooth Low Energy (BLE)					
53W	11500	69W	9000	QM20	01-04
4000K - CRI 90 - Bluetooth Low Energy (BLE)					
53W	9700	69W	7700	QM26	01-04
3000K - CRI 80 - Bluetooth Low Energy (BLE)					
53W	10900	69W	8600	QM21	01-04
3000K - CRI 90 - Bluetooth Low Energy (BLE)					
53W	9200	69W	7300	QM27	01-04
Tunable White - CRI 80 - DALI					
50W	9950	58,8W	6169	QL96	01-04



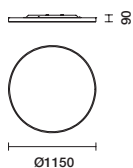
source		system		code	colour
W	lm	W	lm		
Aura					
LED					
4000K - CRI 80 - DALI					
39W	7160	44W	5350	EN16	01-04
3000K - CRI 80 - DALI					
39W	6800	44W	5100	EN17	01-04



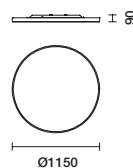
source		system		code	colour
W	lm	W	lm		
Aura					
LED					
4000K - CRI 80 - DALI					
81W	15230	90W	12850	EN18	01-04
3000K - CRI 80 - DALI					
81W	14420	90W	12300	EN19	01-04

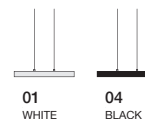


source		system		code	colour
W	lm	W	lm		
General light - Down light					
LED					
4000K - CRI 80 - DALI					
156W	29300	167,6W	22561	QL70	01-04
3000K - CRI 80 - DALI					
156W	27900	167,6W	21483	QL71	01-04
Tunable White - CRI 80 - DALI					
87W	17300	98,4W	13494	QL72	01-04

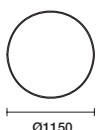


source		system		code	colour
W	lm	W	lm		
UGR<19 3000 cd/mq - Down light					
LED					
4000K - CRI 80 - DALI					
93W	18600	100,9W	13206	QL88	01-04
4000K - CRI 90 - DALI					
104W	18950	114,1W	13076	QM04	01-04
3000K - CRI 80 - DALI					
93W	17700	100,9W	12567	QL89	01-04
3000K - CRI 90 - DALI					
104W	18150	114,1W	12524	QM05	01-04
Tunable White - CRI 80 - DALI					
87W	17300	98,4W	12110	QL90	01-04





source		system		code	colour
W	lm	W	lm		
General light - Aura/down light					
LED					
4000K - CRI 80 - DALI					
156W	29300	167,6W	22854	QL79	01-04
3000K - CRI 80 - DALI					
156W	27900	167,6W	21762	QL80	01-04
4000K - CRI 80 - Bluetooth Low Energy (BLE)					
147W	27700	170W	22450	QM16	01-04
3000K - CRI 80 - Bluetooth Low Energy (BLE)					
147W	26250	170W	21600	QM17	01-04
Tunable White - CRI 80 - DALI					
87W	17300	98,4W	13667	QL81	01-04



Ø1150

Complete with power supply



source		system		code	colour
W	lm	W	lm		
UGR<19 3000 cd/mq - Aura/down light					
LED					
4000K - CRI 80 - DALI					
95W	19100	103,9W	13752	QL97	01-04
4000K - CRI 90 - DALI					
107W	19450	117,6W	13810	QM10	01-04
3000K - CRI 80 - DALI					
95W	18200	103,9W	13104	QL98	01-04
3000K - CRI 90 - DALI					
107W	18600	117,6W	13206	QM11	01-04
4000K - CRI 80 - Bluetooth Low Energy (BLE)					
100W	20000	118W	15000	QM22	01-04
4000K - CRI 90 - Bluetooth Low Energy (BLE)					
100W	16900	118W	12800	QM28	01-04
3000K - CRI 80 - Bluetooth Low Energy (BLE)					
100W	18800	118W	14400	QM23	01-04
3000K - CRI 90 - Bluetooth Low Energy (BLE)					
100W	16000	118W	12200	QM29	01-04
Tunable White - CRI 80 - DALI					
87W	17300	98,4W	12283	QL99	01-04



Ø1150

Complete with power supply

Mounting accessories	code	colour
Accessory for flush installation		
Ø 590	PA46	01-04
Ø870	PA47	01-04
Ø1150	PA48	01-04
Power supply base with suspension cables		
L=2000	PA45	01-04
L=4000	PA44	01-04

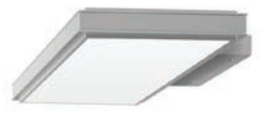


Upright

Up light 69%

Down light 31%

Versions with daylight sensor and presence detector are available



Wall

Up light 56%

Down light 44%

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- Direct and indirect/direct emission device designed for use with LED sources.
- Available in suspended, ceiling and downlight versions.
- Anodized extruded aluminium optical compartment, methacrylate diffuser screen for general lighting

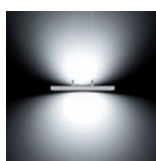
- or micro-prismatic for controlled luminance UGR <19.
- Versions with electronic power supply and DALI.
- Suspended versions pre-set for simultaneous switch-on of both types of lighting (direct and indirect); complete with driver, support

- cables L=1500 mm with creep adjustment and power strip.
- Ceiling versions with installation kit to be ordered separately as an accessory.
- Upright versions with DALI and DALI ACTILUME wiring with presence and Lux sensor.

- IP20
- IP40 on the visible body of the mount after installation.

Lighting distribution Opal Screen

The opal methacrylate diffuser version ensures broad and uniform distribution of light.



Suspension Up/
down light

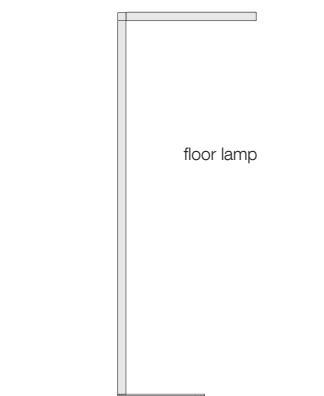
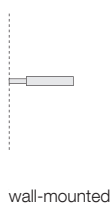
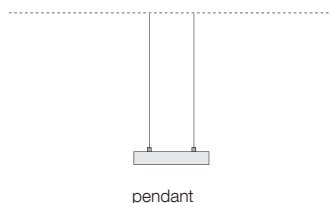
Lighting distribution Micro-prismatic screen

Luminaires with a micro-prismatic screen ensure high luminous efficiency and perfect luminance control UGR<19.



Suspension Up/
down light

Installations



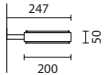
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source	system		code	colour
	W	lm		
Up/down light - Low Contrast- General Lighting				
LED				
4000K - CRI 80				
42W	1297 up	48W	947 up	ME76 12
	5803 down		4236 down	
3000K - CRI 80				
42W	1224 up	48W	894 up	ME77 12
	5476 down		3997 down	
4000K - CRI 80 - DALI				
42W	1297 up	47W	947 up	ME78 12
	5803 down		4236 down	
3000K - CRI 80 - DALI				
42W	1224 up	47W	894 up	ME79 12
	5476 down		3997 down	

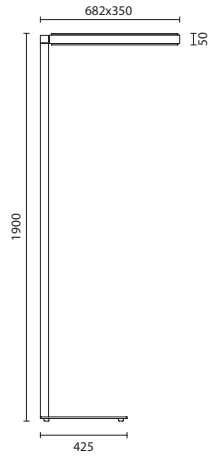
Complete with power supply base and suspension cables L=1500

source	system		code	colour
	W	lm		
Up/down light - UGR<19 3000 cd/mq				
LED				
4000K - CRI 80				
42W	1197 up	48W	814 up	N261 12
	5903 down		4014 down	
3000K - CRI 80				
42W	1130 up	48W	768 up	N262 12
	5570 down		3788 down	
4000K - CRI 80 - DALI				
42W	1197 up	47W	814 up	N263 12
	5903 down		4014 down	
3000K - CRI 80 - DALI				
42W	1130 up	47W	768 up	N264 12
	5570 down		3788 down	

DALI versions occupy 1 address. Complete with power supply base and suspension cables L=1500.

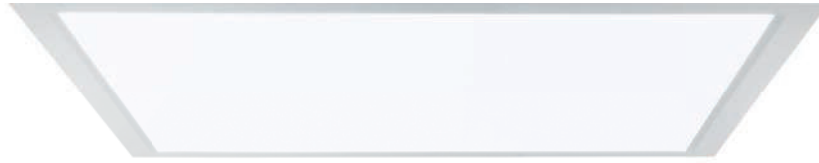


source		system		code	colour
W	lm	W	lm		
Up/down light					
LED					
4000K - CRI 80 - DALI					
27W	2675 up	29,7W	1872 up	5192	01-15
	2125 down		1488 down		
3000K - CRI 80 - DALI					
27W	2508 up	29,7W	1755 up	5193	01-15
	1992 down		1395 down		
Up/down light - with inverter					
LED					
4000K - CRI 80 - DALI					
27W	2675 up	33,3W	1872 up	5194	01-15
	2125 down		1488 down		
3000K - CRI 80 - DALI					
27W	2508 up	33,3W	1755 up	5195	01-15
	1992 down		1395 down		



source		system		code	colour
W	lm	W	lm		
Up/down light					
LED					
4000K - CRI 80 - DALI					
57W	6735 up	61,4W	4714 up	4589	01-15
	2965 down		2075 down		
102W	17850	110,1W	13564	Q272	01-15
Equipped with a L= 2000 mm cable with a plug					
Up/down light - ACTILUME with motion and lux sensors					
LED					
4000K - CRI 80 - DALI					
57W	6735 up	61,4W	4714 up	4590	01-15
	2965 down		2075 down		
102W	17850	110,1W	13564	Q273	01-15
Equipped with a L= 2000 mm cable with a plug					





600x600



300x1200



120x1155



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- Direct emission LED.
- Available in downlight, bandrastrer, ceiling and suspended versions using special accessories.
- Painted sheet steel perimeter frame, methacrylate diffuser screen for general lighting or micro-prismatic for controlled luminance UGR <19 3000 cd/m2.
- Versions with electronic power supply, DALI and smart sensor.
- Reduced height of luminaire.
- Ceiling versions with installation kit to be ordered separately as an accessory.
- IP20
- IP40 on the visible body of the mount after installation.

Lighting distribution Opal Screen

The opal methacrylate diffuser version ensures broad and uniform distribution of light.



Downlight for flush and ceiling mounting

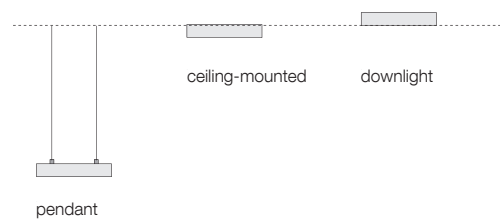
Lighting distribution Micro-prismatic screen

Luminaires with a micro-prismatic screen ensure high luminous efficiency and perfect luminance control UGR<19 3000 cd/m2.



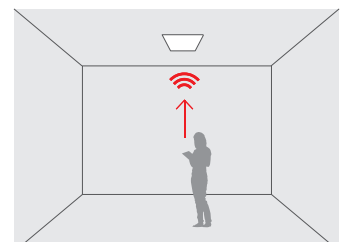
Downlight for flush and ceiling mounting

Installations



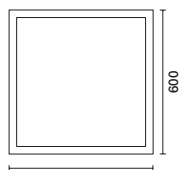
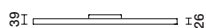
Smart Lighting

The Active+ Mobile application allows automatic adjustment of settings. To use this app, an Android or iOS smartphone is required with a LED flash, a lighting device with a LED Active+ driver and the Active+ Sense sensor. (Helvar Technology)





01
WHITE



source		system		code	colour
W	lm	W	lm		

Low Contrast- General Lighting

LED

4000K - CRI 80 - DALI
30W 4900 33W 3969 QI03 01

4000K - CRI 90 - DALI
30W 4300 33W 3483 QI23 01

3000K - CRI 80 - DALI
30W 4700 33W 3807 QI04 01

3000K - CRI 90 - DALI
30W 4100 33W 3321 QI24 01

4000K - CRI 80 - On/off
30W 4900 33W 3969 QI01 01

4000K - CRI 90 - On/off
30W 4300 33W 3483 QI21 01

3000K - CRI 80 - On/off
30W 4700 33W 3807 QI02 01

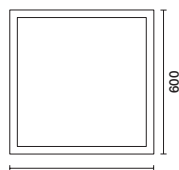
3000K - CRI 90 - On/off
30W 4100 33W 3321 QI22 01

Low Contrast- General Lighting - With smart sensor

LED

4000K - CRI 80 - On/off
30W 4900 33W 3969 QI17 01

3000K - CRI 80 - On/off
30W 4700 33W 3807 QI18 01



source		system		code	colour
W	lm	W	lm		

High Contrast - UGR<19 3000cd/mq

LED

4000K - CRI 80 - DALI
28W 4600 30,4W 3358 QI07 01

4000K - CRI 90 - DALI
28W 4000 30,4W 2920 QI27 01

3000K - CRI 80 - DALI
28W 4400 30,4W 3212 QI08 01

3000K - CRI 90 - DALI
28W 3800 30,4W 2774 QI28 01

4000K - CRI 80 - On/off
28W 4600 30,4W 3358 QI05 01

4000K - CRI 90 - On/off
28W 4000 30,4W 2920 QI25 01

3000K - CRI 80 - On/off
28W 4400 30,4W 3212 QI06 01

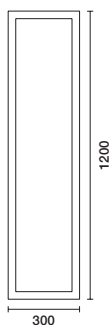
3000K - CRI 90 - On/off
28W 3800 30,4W 2774 QI26 01

High Contrast - UGR<19 3000cd/mq - With smart sensor

LED

4000K - CRI 80 - On/off
28W 4600 30,4W 3358 QI19 01

3000K - CRI 80 - On/off
28W 4400 30,4W 3212 QI20 01



source		system		code	colour
W	lm	W	lm		

Low Contrast- General Lighting

LED

4000K - CRI 80 - DALI
33W 5350 36,2W 3959 QI11 01

4000K - CRI 90 - DALI
33W 4600 36,2W 3404 QI31 01

3000K - CRI 80 - DALI
33W 5150 36,2W 3811 QI12 01

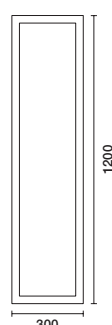
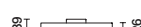
3000K - CRI 90 - DALI
33W 4500 36,2W 3330 QI32 01

4000K - CRI 80 - On/off
33W 5350 36,2W 3959 QI09 01

4000K - CRI 90 - On/off
33W 4600 36,2W 3404 QI29 01

3000K - CRI 80 - On/off
33W 5150 36,2W 3811 QI10 01

3000K - CRI 90 - On/off
33W 4500 36,2W 3330 QI30 01



source		system		code	colour
W	lm	W	lm		

High Contrast - UGR<19 3000cd/mq

LED

4000K - CRI 80 - DALI
27W 4710 30,1W 3203 QI15 01

4000K - CRI 90 - DALI
30W 4200 32,6W 2856 QI35 01

3000K - CRI 80 - DALI
30W 4700 32,6W 3196 QI16 01

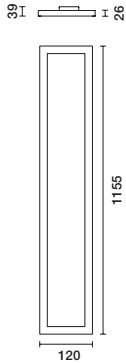
3000K - CRI 90 - DALI
30W 4100 32,6W 2788 QI36 01

4000K - CRI 80 - On/off
27W 4710 30,1W 3203 QI13 01

4000K - CRI 90 - On/off
30W 4200 32,6W 2856 QI33 01

3000K - CRI 80 - On/off
30W 4700 32,6W 3196 QI14 01

3000K - CRI 90 - On/off
30W 4100 32,6W 2788 QI34 01



source		system		code	colour
W	lm	W	lm		
High Contrast - UGR<19 3000cd/mq					
LED					
4000K - CRI 80 - DALI					
15W	2500	16,5W	2125	JPD0	01
3000K - CRI 80 - DALI					
15W	2400	16,5W	2040	JPD1	01
4000K - CRI 80 - On/off					
15W	2500	17W	2125	JPD2	01
3000K - CRI 80 - On/off					
15W	2400	17W	2040	JPD3	01
Only for installation on bandraaster - code JPD4					

Mounting accessories	code	colour	Mounting accessories	code	colour
Accessory for flush installation			Suspension kit with 4 steel cables		
for 600x600 modules	PA13	01	L=1500	PA12	24
for 300x1200 modules	PA14	01	Ceiling installation accessory		
for versions L=1155 (2 units) on bandraaster	JPD4	00	for 600x600 modules	PA15	01
3-pole power supply base			for 300x1200 modules	PA16	01
L=1500	PA17	01			
For On/Off versions					
5-pole power supply strip					
L=1500	PA18	01			





iN 30 - iN 60 - iN 90

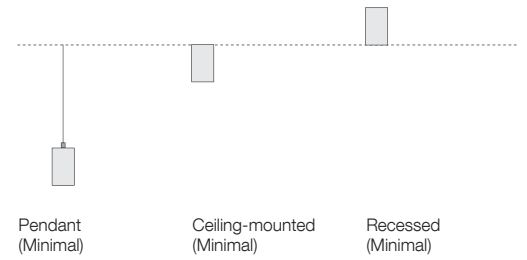
iN 30 page 390



General Lighting - Low Contrast



High Contrast UGR<10



iN 60 page 394



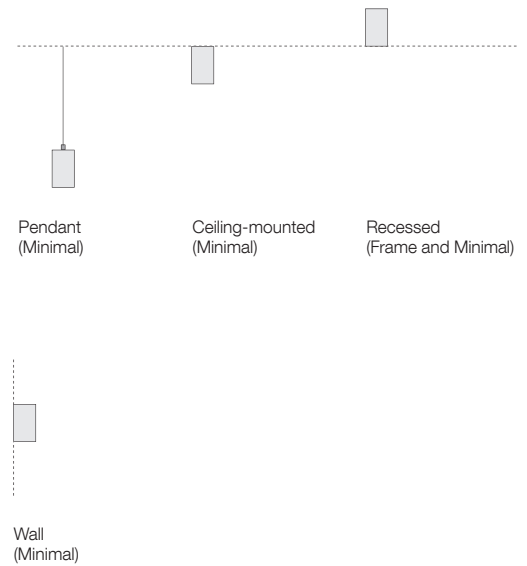
NEW MMO (metallic modular optic) UGR<19



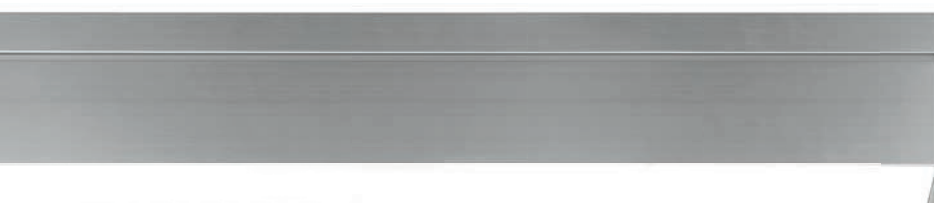
General Lighting Low Contrast / Microprismatic UGR<19



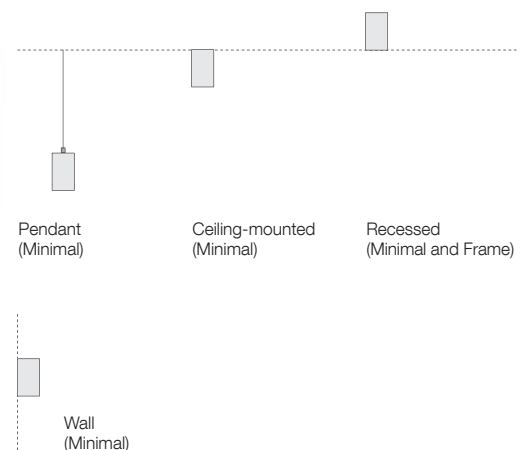
Wall Washer



iN 90 page 406



General Lighting - Low Contrast
Microprismatic UGR<19



Head Offices of Klöckner & CO – Duisburg, Germany

Interior architect: Heike Falkenberg
Lighting project: arens faulhaber lichtplaner
Photo: Jens Kirchner



General Lighting -
Low Contrast



High Contrast
UGR<10



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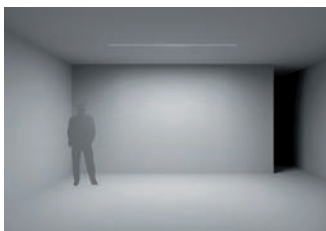


- Modular lighting system for continuous rows.
- Extruded aluminium frame for minimal (frameless) version.
- Available in two direct emission solutions:
- Low contrast for general lighting with frosted diffuser screen; high contrast with controlled luminance UGR<19 down light modules.
- Low contrast: can be ceiling mounted, pendant or downlight; modules available in two lengths

- in end or middle version for continuous line set-up; end modules can be completed with end cap accessories and used individually but they are always needed to start or finish a continuous line.
- High contrast: can be ceiling, pendant or downlight type; modules supplied in two lengths; possibility of individual installation or grouping in a continuous line, completing the modules with the accessories supplied.

- Electronic wiring and DALI available.
- High level of light output.
- Suspension versions having cables fitted with a creep adjustment system.

Optics

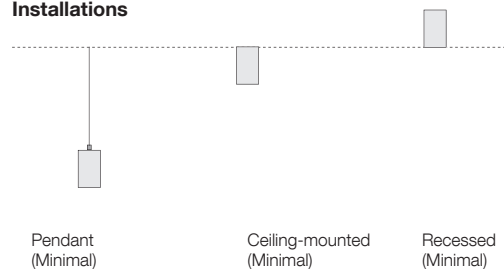


General Lighting - Low Contrast



High Contrast UGR<10 - Wide Flood

Installations



Pendant
(Minimal)

Ceiling-mounted
(Minimal)

Recessed
(Minimal)

System combination

This combo-system helps create very detailed compositions.

For the complete order please add the codes of the installation system you have chosen.





source		system		length	code	colour
W	lm	W	lm			
Low Contrast- General Lighting - Initial module						
LED						
4000K - CRI 80						
16W	2650	18,5W	2032	1197	ME36	01-04-12
32W	5300	37,6W	4064	2394	ME37	01-04-12
3000K - CRI 80						
16W	2450	18,5W	1879	1197	ME38	01-04-12
32W	4900	37,6W	3757	2394	ME39	01-04-12
4000K - CRI 80 - DALI						
16W	2650	19W	2032	1197	MJ48	01-04-12
32W	5300	38W	4064	2394	MJ49	01-04-12
3000K - CRI 80 - DALI						
16W	2450	19W	1879	1197	MJ50	01-04-12
32W	4900	38W	3757	2394	MJ51	01-04-12

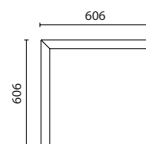


source		system		length	code	colour
W	lm	W	lm			
High Contrast - UGR<19 3000cd/mq - Module						
LED						
4000K - CRI 95						
20W	1900	24,2W	1576	1197	MJ58	01-04-12
42W	3800	47,1W	3151	1462	MJ62	01-04-12
3000K - CRI 90						
20W	1900	24,2W	1576	1197	MJ59	01-04-12
42W	3800	47,1W	3151	1462	MJ63	01-04-12
4000K - CRI 95 - DALI						
20W	2100	28W	1742	1197	MJ60	01-04-12
42W	4100	49,3W	3400	1462	MJ64	01-04-12
3000K - CRI 90 - DALI						
20W	2100	28W	1742	1197	MJ61	01-04-12
40W	4100	47,3W	3400	1462	MJ65	01-04-12










Low Contrast- General Lighting - Continuous line module

source		system		length	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80						
16W	2650	18,5W	2032	1197	ME40	01-04-12
32W	5300	37,6W	4064	2394	ME41	01-04-12
3000K - CRI 80						
16W	2450	18,5W	1879	1197	ME42	01-04-12
32W	4900	37,6W	3757	2394	ME43	01-04-12
4000K - CRI 80 - DALI						
16W	2650	20,3W	2032	1197	MJ52	01-04-12
32W	5300	40,6W	4064	2394	MJ53	01-04-12
3000K - CRI 80 - DALI						
16W	2450	20,3W	1879	1197	MJ54	01-04-12
32W	4900	40,6W	3757	2394	MJ55	01-04-12



source		system		length	code	colour
W	lm	W	lm			
Low Contrast- General Lighting - Angular module						
LED						
4000K - CRI 80						
16,2W	2650	18,5W	2032		ME44	01-04-12
3000K - CRI 80						
16,2W	2450	18,5W	1879		ME45	01-04-12
4000K - CRI 80 - DALI						
16,2W	2650	20,6W	2032		MJ56	01-04-12
3000K - CRI 80 - DALI						
16,2W	2450	20,6W	1879		MJ57	01-04-12

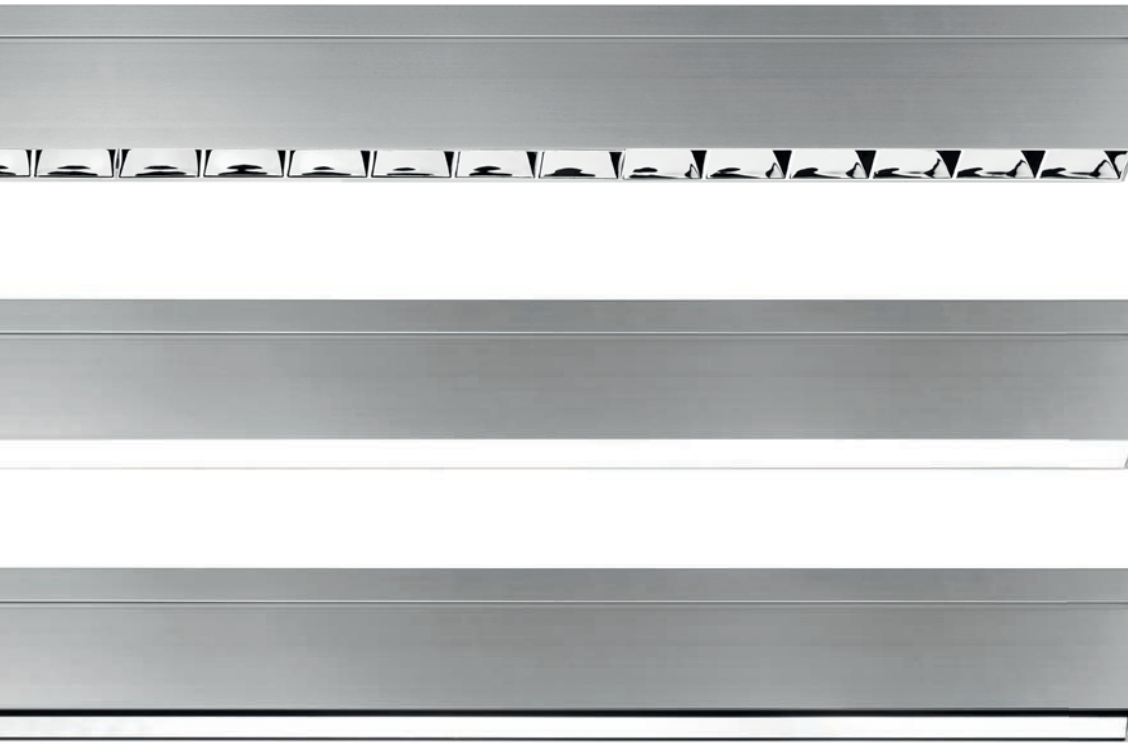
Mounting accessories	code	colour
 Pair of end caps for linear modules	MX80	01-04-15
 Accessory for flush installation	MWG8	00
 Power supply base with suspension cables		
L=1500	MWG5	01-04
 Suspension cable		
Intermediate L=1500	MWG6	00

Mounting accessories	code	colour
 Ceiling mounting attachment	MWG7	00
 Connection elements for continuous row	MX81	00
		for high contrast versions
 Connector for pendant continuous lines	MZ23	00

Private loft - Heilbron, Germany

Architectural project: Herzog + Herzog Architekten
Photo: David Frank





NEW MMO
(metallic modular optic UGR<19)

General Lighting Low Contrast
UGR<19

Wall Washer



Explore and interact with products in 3D.
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- Modular lighting system for continuous rows.
- Possibility of single or combined installation.
- Diffused light version with opal PMMA screen.
- High level of light output.
- Wall washer version for vertical wall lighting.
- Microprismatic version with controlled luminance UGR <19 for sites with video terminals.
- The MMO version is available with two types of light output, with higher (High Output) and lower (Low Output) luminous flux.
- Down light and up/down light versions.
- Frame versions (support-type) - minimal versions (flush with the ceiling)
- Extruded aluminium profile and zamak heads.
- Suspended, flush mount, ceiling and wall installation.
- Electronic wiring and DALI available.
- Suspension versions having cables fitted with a creep adjustment system.
- Bluetooth version using an accessory to be ordered separately

Installations



**Lighting distribution
UGR<19 (MMO) and UGR<19**

Controlled luminance UGR <19 3000 cd/m², in compliance with EN 12464-1, suitable for applications where video-terminals are used.
1400 lm/m



Down light



Up/down light

**Lighting distribution
Wall Washer**

Ideal for illuminating vertical surfaces. The specially designed shape of the spotlight ensures uniform illumination of walls.



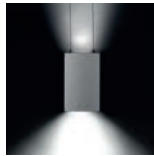
Down light

**Lighting distribution
General Lighting - Low Contrast**

Uniform and comfortable light emission with no glare phenomena.
1600 lm/m (Low output)
2500 lm/m (High output)



Down light



Up/down light

MMO (metallic modular optic) structural elements UGR <19

Frame / minimal module



modules: 1192/2384 mm

Raster down or up/down light



modules: 1192/2384 mm

Combo metallic modular optic (MMO) UGR <19

This combo-system helps create very detailed compositions.

For complex installations, consult the online instruction leaflet and/or on-line configurator.
<http://inconfigurator.iguzzini.it/>



End head
Module
Length 1192/2384 mm



iN60

Structural elements General Lighting Low Contrast and UGR<19

Initial module

complete with screen



modules: 612/1208/2397/3594 mm

Angular module

complete with wired plate,
through-passing cables and screen



Continuous row module

complete with screen and available in
triple version



module: 898/3594 mm

LED plate for Plug & Play wiring

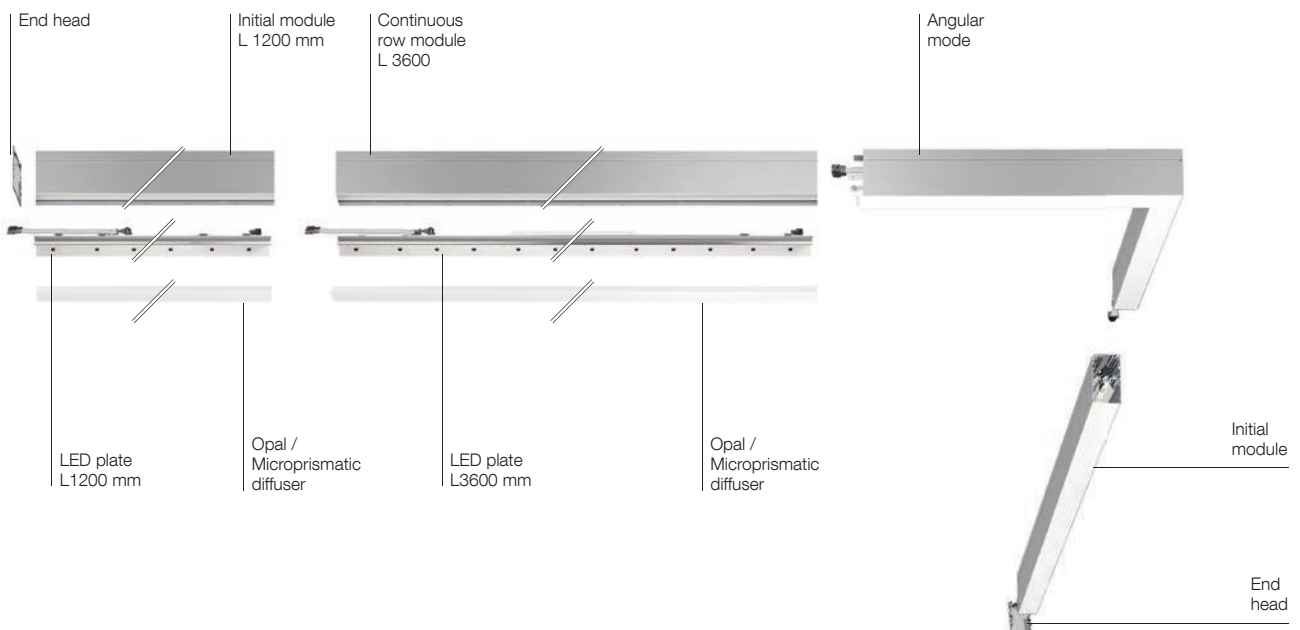
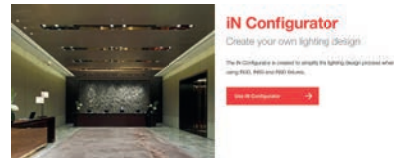
available with electronic wiring and DALI



Combo General Lighting Low Contrast and UGR <19

This combo-system helps create
very detailed compositions.

For complex installations, consult
the online instruction leaflet and/or
on-line configurator.
<http://inconfigurator.iguzzini.it/>



Wall Washer structural elements

Initial module

Complete with through-passing wiring



modules: 612/1208/2405/3602 mm

Continuous row module

available in triple version



module: 3594 mm

LED plate for electrical wiring

complete with diffuser.

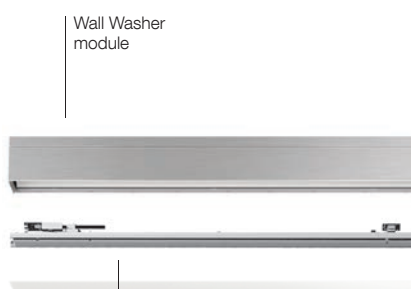
Available with electronic and DALI wiring.



Wall Washer combo

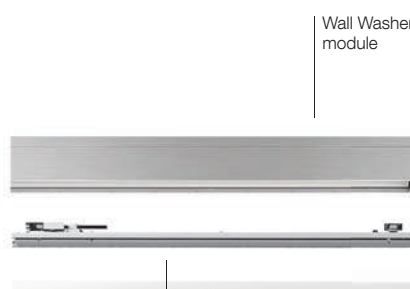
This combo-system helps create very detailed compositions.

For complex installations, consult the online instruction leaflet and/or on-line configurator.
<http://inconfigurator.iguzzini.it/>



Wall Washer module

Wall Washer
Led plate
complete with
diffuser

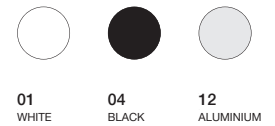


Wall Washer module

Wall Washer
Led plate
complete with diffuser

iN 60

MMO (metallic modular optic) UGR<19



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new
available from July



length	code colour
Frame version - Module down light per raster MMO dark light (Metallized Modular Optic)	
Module	
1192	QX47 01
2384	QX54 01



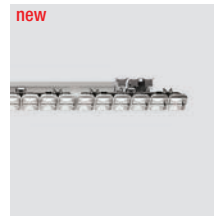
length	code colour
Minimal version - Module down light per raster MMO dark light (Metallized Modular Optic)	
Module	
1192	QX48 01-04-12
2384	QX55 01-04-12

End caps to be ordered separately



source W	system lm	W	lm	length	code colour
Minimal version - Module down light per raster MMO dark light (Metallized Modular Optic)					
LED					
4000K - CRI 80					
-	-	-	-	1192	QX51 01-04-12
-	-	-	-	2384	QX58 01-04-12
4000K - CRI 90					
-	-	-	-	1192	QX52 01-04-12
-	-	-	-	2384	QX59 01-04-12
3000K - CRI 80					
-	-	-	-	1192	QX49 01-04-12
-	-	-	-	2384	QX56 01-04-12
3000K - CRI 90					
-	-	-	-	1192	QX50 01-04-12
-	-	-	-	2382	QX57 01-04-12
Tunable White - CRI 90					
-	-	-	-	1192	QX53 01-04-12

End caps to be ordered separately



source W	system lm	W	lm	length	code colour
Raster high output - Down					
LED					
4000K - CRI 80 - DALI					
23,3W	4787	27,4W	3830	1192	QX94 12
46,5W	9574	54,7W	7660	2384	QY23 12
4000K - CRI 90 - DALI					
23W	4011	27,1W	3208	1192	QX96 12
46W	8022	54,1W	6416	2384	QY25 12
3000K - CRI 80 - DALI					
23,3W	4787	27,4W	3830	1192	QX90 12
46,5W	9574	54,7W	7660	2384	QY19 12
3000K - CRI 90 - DALI					
23W	3881	27,1W	3105	1192	QX92 12
46W	7762	54,1W	6210	2384	QY21 12
Driver included					
Raster high output - Down - Emergency light					
LED					
4000K - CRI 80 - DALI					
23,3W	4787	27,4W	3830	1192	QY02 12
4000K - CRI 90 - DALI					
23W	4011	27,1W	3208	1192	QY04 12
3000K - CRI 80 - DALI					
23,3W	4787	27,4W	3830	1192	QX98 12
3000K - CRI 90 - DALI					
23W	3881	27,1W	3105	1192	QY00 12

Driver with inverter and battery pack included



source W	system lm	W	lm	length	code colour
Minimal version - Raster low output for up/down modules - 40% up / 60% down emission					
LED					
4000K - CRI 80 - DALI					
25,4W	5338	29,9W	4336	1192	QY09 12
50,8W	10676	59,8W	8672	2384	QY30 12
4000K - CRI 90 - DALI					
25,1W	4472	29,6W	3633	1192	QY11 12
50,2W	8944	59,1W	7266	2384	QY32 12
3000K - CRI 80 - DALI					
25,4W	5338	29,9W	4336	1192	QY05 12
50,8W	10676	59,8W	8672	2384	QY26 12
3000K - CRI 90 - DALI					
25,1W	4328	29,6W	3516	1192	QY07 12
50,2W	8656	59,1W	7032	2384	QY28 12
Tunable White - CRI 90 - DALI					
25,1W	4400	29,6W	3575	1192	QY13 12

Driver included



source	system		length	code	colour
	W	lm			
Raster low output - Down					
LED					
4000K - CRI 80 - DALI					
14,9W	3139	17,6W	2511	1192	QX93 12
29,9W	6278	35,1W	5022	2384	QY22 12
4000K - CRI 90 - DALI					
14,8W	2630	17,4W	2104	1192	QX95 12
29,5W	5260	34,7W	4208	2384	QY24 12
3000K - CRI 80 - DALI					
14,9W	3139	17,6W	2511	1192	QX89 12
29,9W	6278	35,1W	5022	2384	QY18 12
3000K - CRI 90 - DALI					
14,8W	2545	17,4W	2036	1192	QX91 12
29,5W	5090	34,7W	4072	2384	QY20 12
Driver included					
Raster low output - Down - Emergency light					
LED					
3139K - CRI 80 - DALI					
14,9W	2500	17,6W	2511	1192	QY01 12
4000K - CRI 90 - DALI					
14,8W	2630	17,4W	2104	1192	QY03 12
3000K - CRI 80 - DALI					
14,9W	3139	17,6W	2511	1192	QX97 12
3000K - CRI 90 - DALI					
14,8W	2545	17,4W	2036	1192	QX99 12
Driver with inverter and battery pack included					

source	system		length	code	colour
	W	lm			
Minimal version - Raster high output for up/down modules - 40% up / 60% down emission					
LED					
4000K - CRI 80 - DALI					
38,8W	7978	45,6W	6478	1192	QY10 12
77,5W	15956	91,2W	12960	2384	QY31 12
4000K - CRI 90 - DALI					
38,4W	6684	45,1W	5427	1192	QY12 12
76,7W	13368	90,2W	10854	2384	QY33 12
3000K - CRI 80 - DALI					
38,8W	7978	45,6W	6480	1192	QY06 12
77,5W	15956	91,2W	12960	2384	QY27 12
3000K - CRI 90 - DALI					
38,4W	6468	45,1W	5252	1192	QY08 12
-	12936-	10504	2384		QY29 12
Driver included					
Raster high output for up/down modules - Separately adjustable up/down emission					
LED					
4000K - CRI 80 - DALI					
38,8W	7978	45,6W	6478	1192	QY16 12
77,5W	15956	91,2W	12956	2384	QY36 12
4000K - CRI 90 - DALI					
38,4W	6684	45,1W	5427	1192	QY17 12
76,7W	13368	90,2W	10854	2384	QY37 12
3000K - CRI 80 - DALI					
38,8W	7878	45,6W	6480	1192	QY14 12
77,5W	15756	91,2W	12960	2384	QY34 12
3000K - CRI 90 - DALI					
38,4W	6468	45,1W	5252	1192	QY15 12
76,7W	12936	90,2W	10504	2384	QY35 12
Driver included					

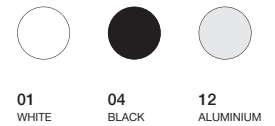
Control gear	code	colour
Through wiring and mechanical junction elements	PB34	00
Connection kit between iN60 and Laser Blade Office	PB35	00

Mounting accessories	code	colour
Pair of end caps		
frame	PB32	01
for minimal versions	PB33	01-04-15
Accessory for flush installation	MWH6	00
Power supply base with suspension cables	MWB5	01
L=1500	MWM2	01-04 for versions with DALI

Mounting accessories	code	colour
Suspension cable		
Intermediate L=1500	MW67	00
Wall attachment	MWB7	01-15

iN 60

General Lighting Low Contrast



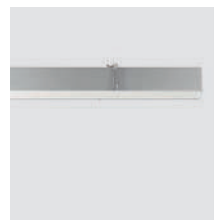
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length	code colour
Minimal version - Initial module - downlight - Opal diffuser	
LED	
Module	
612	QA90 01-04-12
1208	QA91 01-04-12
2397	QA92 01-04-12
3596	QA93 01-04-12



length	code colour
Minimal version - Continuous line module - downlight - opal diffuser	
LED	
Module	
898	QA94 01-04-12
3596	QA95 01-04-12



length	code colour
Frame version - Initial module - downlight - Opal diffuser	
LED	
Module	
612	QA84 01
1208	QA85 01
2397	QA86 01
3596	QA87 01



length	code colour
Frame version - Continuous line module - downlight - opal diffuser	
LED	
Module	
898	QA88 01
3596	QA89 01



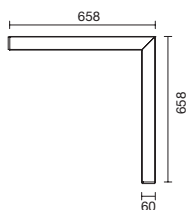
length	code colour
Minimal version - Initial module - up/downlight - Opal diffuser	
LED	
Module	
1208	QA96 01-04-12
2397	QA97 01-04-12
3596	QA98 01-04-12



length	code colour
Minimal version - Continuous line module - up/down light - opal diffuser	
LED	
Module	
3596	QA99 01-04-12



source		system		code colour
W	lm	W	lm	
Minimal version - Angular module complete with LED plate - opal diffuser - Low Output				
LED				
4000K - CRI 80				
15W	2700	17,1W	2052	QB04 01-04-12

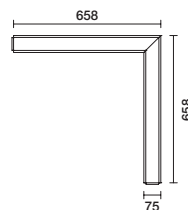


3000K - CRI 80				
15W	2500	17,1W	1900	QB06 01-04-12
4000K - CRI 80 - DALI				
15W	2700	16,1W	2052	QB05 01-04-12
3000K - CRI 80 - DALI				
15W	2500	16,1W	1900	QB07 01-04-12

source		system		code colour
W	lm	W	lm	
Minimal version - Angular module complete with LED plate - opal diffuser - High Output				
LED				
4000K - CRI 80				
22W	4100	24,6W	3116	QB36 01-04-12
3000K - CRI 80				
22W	3900	24,6W	2964	QB38 01-04-12
4000K - CRI 80 - DALI				
22W	4100	24,2W	3116	QB37 01-04-12
3000K - CRI 80 - DALI				
22W	3900	24,2W	2964	QB39 01-04-12



source		system		code colour
W	lm	W	lm	
Frame version - Angular module complete with LED plate - opal diffuser - Low Output				
LED				
4000K - CRI 80				
15W	2700	17,1W	2052	QB00 01



3000K - CRI 80				
15W	2500	17,1W	1900	QB02 01
4000K - CRI 80 - DALI				
15W	2700	16,1W	2052	QB01 01
3000K - CRI 80 - DALI				
15W	2500	16,1W	1900	QB03 01

source		system		code colour
W	lm	W	lm	
Frame version - Angular module complete with LED plate - opal diffuser - High Output				
LED				
4000K - CRI 80				
22W	4100	24,6W	3116	QB32 01
3000K - CRI 80				
22W	3900	24,6W	2964	QB34 01
4000K - CRI 80 - DALI				
22W	4100	24,2W	3116	QB33 01
3000K - CRI 80 - DALI				
22W	3900	24,2W	2964	QB35 01



source		system		length	code	colour
W	lm	W	lm			
LED plate - General Lighting - down light - Low Output						
LED						
4000K - CRI 80						
7,5W	1350	9,5W	1026	598	QB08	00
11W	2050	13,5W	1558	896	QB09	00
15W	2700	17,1W	2052	1196	QB10	00
45W	8100	48,3W	6156	3588	QB11	00
3000K - CRI 80						
7,5W	1250	9,5W	950	598	QB16	00
11W	1900	13,5W	1444	896	QB17	00
15W	2550	17,1W	1938	1196	QB18	00
45W	7600	48,3W	5776	3588	QB19	00
4000K - CRI 80 - DALI						
7,5W	1350	8,8W	1026	598	QB12	00
11W	2050	12,9W	1558	896	QB13	00
15W	2700	16,1W	2052	1196	QB14	00
45W	8100	50,1W	6156	3588	QB15	00
3000K - CRI 80 - DALI						
7,5W	1250	8,8W	950	598	QB20	00
11W	1900	12,9W	1444	896	QB21	00
15W	2550	16,1W	1938	1196	QB22	00
45W	7600	50,1W	5776	3588	QB23	00



source		system		length	code	colour
W	lm	W	lm			
LED plate - General Lighting - down light - High Output						
LED						
4000K - CRI 80						
11W	2050	13W	1558	598	QB40	00
17W	3100	18,6W	2356	896	QB41	00
22W	4150	24,6W	3154	1196	QB42	00
67W	12400	74,9W	9424	3588	QB43	00
3000K - CRI 80						
11W	1950	13W	1482	598	QB48	00
17W	2900	18,6W	2204	896	QB49	00
22W	3900	24,6W	2964	1196	QB50	00
67W	11650	74,9W	8854	3588	QB51	00
4000K - CRI 80 - DALI						
11W	2050	12,8W	1558	598	QB44	00
17W	3100	18,9W	2356	896	QB45	00
22W	4150	24,2W	3154	1196	QB46	00
67W	12400	73,8W	9424	3588	QB47	00
3000K - CRI 80 - DALI						
11W	1950	12,8W	1482	598	QB52	00
17W	2900	18,9W	2204	896	QB53	00
22W	3900	24,2W	2964	1196	QB54	00
67W	11650	73,8W	8854	3588	QB55	00



source		system		length	code	colour
W	lm	W	lm			
LED plate - General Lighting - up/down light - Low Output						
LED						
4000K - CRI 80						
22W	4050	25W	2835	1196	QB24	00
68W	12200	77,1W	8540	3588	QB25	00
3000K - CRI 80						
22W	3800	25W	2660	1196	QB28	00
68W	11450	77,1W	8015	3588	QB29	00
4000K - CRI 80 - DALI						
22W	4050	25,8W	2835	1196	QB26	00
68W	12200	75,3W	8540	3588	QB27	00
3000K - CRI 80 - DALI						
22W	3800	25,8W	2660	1196	QB30	00
68W	11450	75,3W	8015	3588	QB31	00



source		system		length	code	colour
W	lm	W	lm			
LED plate - General Lighting - up/down light - High Output						
LED						
4000K - CRI 80						
33W	6200	36,3W	4340	1196	QB56	00
100W	18650	114,3W	13055	3588	QB57	00
3000K - CRI 80						
33W	5850	36,3W	4095	1196	QB60	00
100W	17500	114,3W	12250	3588	QB61	00
4000K - CRI 80 - DALI						
33W	6200	35,6W	4340	1196	QB58	00
100W	18650	110,6W	13055	3588	QB59	00
3000K - CRI 80 - DALI						
33W	5850	35,6W	4095	1196	QB62	00
100W	17500	110,6W	12250	3588	QB63	00

Mounting accessories

	code	colour
Pair of end caps	MWP7	01 for frame versions MWP6 01-04-15 for minimal versions
Accessory for flush installation	MWH6	00
Power supply base with suspension cables		

Mounting accessories

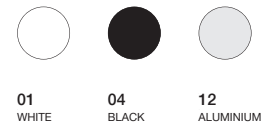
	code	colour
L=1500	MWM2	01-04 for versions with DALI MWB4 01-04 for electronic versions
Suspension cable		
Intermediate L=1500	MW67	00
Wall attachment	MWB7	01-15

Control gear

	code	colour
Initial plate with terminal blocks	MZ91	00
Interfaces & remote units		
BLE-DALI interface kit for Quick BLE system		
2.4GHz - 4 DALI addresses max - Integrated beacon	PA66	00

iN 60

UGR < 19



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length	code colour
Frame version - Initial module - downlight - microprism diffuser	
LED	
Module	
612	QB64 01
1208	QB65 01
2397	QB66 01
3596	QB67 01



length	code colour
Frame version - Continuous line module - downlight - microprism diffuser	
LED	
Module	
898	QB68 01
3596	QB69 01



length	code colour
Minimal version - Initial module - downlight - microprism diffuser	
LED	
Module	
612	QB70 01-04-12
1208	QB71 01-04-12
2397	QB72 01-04-12
3596	QB73 01-04-12



length	code colour
Minimal version - Continuous line module - downlight - microprism diffuser	
LED	
Module	
898	QB74 01-04-12
3596	QB75 01-04-12



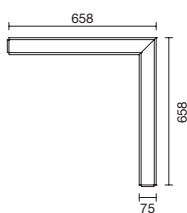
length	code colour
Minimal version - Initial module - up/downlight - microprism diffuser	
LED	
Module	
1208	QB76 01-04-12
2397	QB77 01-04-12
3596	QB78 01-04-12



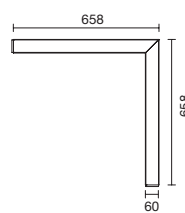
length	code colour
Minimal version - Continuous line module - up/downlight - microprism diffuser	
LED	
Module	
3596	QB79 01-04-12



source		system		code colour
W	lm	W	lm	
Frame version - Angular module complete with LED plate - microprism diffuser - UGR < 19 3000 cd/m2				
LED				
4000K - CRI 80				
9W	1840	10,3W	1306	QB80 01
3000K - CRI 80				
9W	1740	10,3W	1235	QB82 01
4000K - CRI 80 - DALI				
9W	1840	11W	1306	QB81 01
3000K - CRI 80 - DALI				
9W	1740	11W	1235	QB83 01



source		system		code colour
W	lm	W	lm	
Minimal version - Angular module complete with LED plate - microprism diffuser - UGR < 19 3000 cd/m2				
LED				
3000K - CRI 80				
9W	1740	10,3W	1235	QB86 01-04-12
4000K - CRI 80				
9W	1840	10,3W	1306	QB84 01-04-12
4000K - CRI 80 - DALI				
9W	1840	11W	1306	QB85 01-04-12
3000K - CRI 80 - DALI				
9W	1740	11W	1235	QB87 01-04-12





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INDETER-
MINATE

source		system		length	code	colour
W	lm	W	lm			
LED plate - down light UGR < 19 3000 cd/m2						
LED						
4000K - CRI 80						
4,5W	920	5,9W	653	598	QB88	00
6,8W	1400	8,5W	994	896	QB89	00
9W	1850	10,3W	1314	1196	QB90	00
27W	5550	29,7W	3941	3588	QB91	00
3000K - CRI 80						
4,5W	870	5,9W	618	598	QB96	00
6,8W	1300	8,5W	923	896	QB97	00
9W	1750	10,3W	1243	1196	QB98	00
27W	5200	29,7W	3692	3588	QB99	00
4000K - CRI 80 - DALI						
4,5W	920	5,9W	653	598	QB92	00
6,8W	1400	7,8W	994	896	QB93	00
9W	1850	11W	1314	1196	QB94	00
27W	5550	29,2W	3941	3588	QB95	00
3000K - CRI 80 - DALI						
4,5W	870	5,9W	618	598	QC00	00
6,8W	1300	7,8W	923	896	QC01	00
9W	1750	11W	1243	1196	QC02	00
27W	5200	29,2W	3692	3588	QC03	00

source		system		length	code	colour
W	lm	W	lm			
LED plate - up/down light UGR < 19 3000 cd/m2						
LED						
4000K - CRI 80						
14W	2750	15,4W	1843	1196	QC04	00
41W	8300	43,4W	5561	3588	QC05	00
3000K - CRI 80						
14W	2600	15,4W	1742	1196	QC08	00
41W	7800	43,4W	5226	3588	QC09	00
4000K - CRI 80 - DALI						
14W	2750	14,8W	1843	1196	QC06	00
41W	8300	45W	5561	3588	QC07	00
3000K - CRI 80 - DALI						
14W	2600	14,8W	1742	1196	QC10	00
41W	7800	45W	5226	3588	QC11	00

Mounting accessories	code	colour
Pair of end caps	MWP7 01 for frame versions MWP6 01-04-15 for minimal versions	
Accessory for flush installation	MWH6 00	
Power supply base with suspension cables	L=1500 MWM2 01-04 for versions with DALI MWB4 01-04 for electronic versions	
Suspension cable	Intermediate L=1500 MW67 00	
Wall attachment	MWB7 01-15	

Control gear	code	colour
Initial plate with terminal blocks	MZ91	00

Interfaces & remote units	code	colour
BLE-DALI interface kit for Quick BLE system		
2.4GHz - 4 DALI addresses max - Integrated beacon	PA66	00

iN 60 Wall Washer



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length	code colour
Minimal version - Initial wall washer module complete with pass-through wiring	
LED	
Module	
612	N357 01-04-12

Minimal version - Initial wall washer module complete with pass-through wiring

LED	code colour
Module	
1208	N358 01-04-12
2405	N359 01-04-12
3602	N360 01-04-12

Minimal version - Continuous wall washer line module

LED	code colour
Module	
3596	N361 01-04-12



length	code colour
Frame version - Initial wall washer module complete with pass-through wiring	
LED	
Module	
1208	N363 01
2405	N364 01
3602	N365 01

for LED plate L=1196

Frame version - Initial wall washer module complete with pass-through wiring

LED	code colour
Module	
612	N362 01

for LED plate L=597

Frame version - Continuous wall washer line module

LED	code colour
Module	
3594	N366 01

for LED plate L=1196



source W	system lm	W	lm	length	code colour
Wall washer LED plate					
LED					
4000K - CRI 80					
8,6W	1550	10,5W	821	597	N367 04
17W	3100	21,4W	1829	1196	N368 04
3000K - CRI 80					
8,6W	1450	10,5W	768	597	N369 04
17W	2900	21,4W	1711	1196	N370 04
4000K - CRI 80 - DALI					
8,6W	1550	10,2W	821	597	N371 04
17W	3100	20,8W	1829	1196	N372 04
3000K - CRI 80 - DALI					
8,6W	1450	10,2W	768	597	N373 04
17W	2900	20,8W	1711	1196	N374 04



code colour
MA55 00
MA56 00
MA57 00
MA58 00

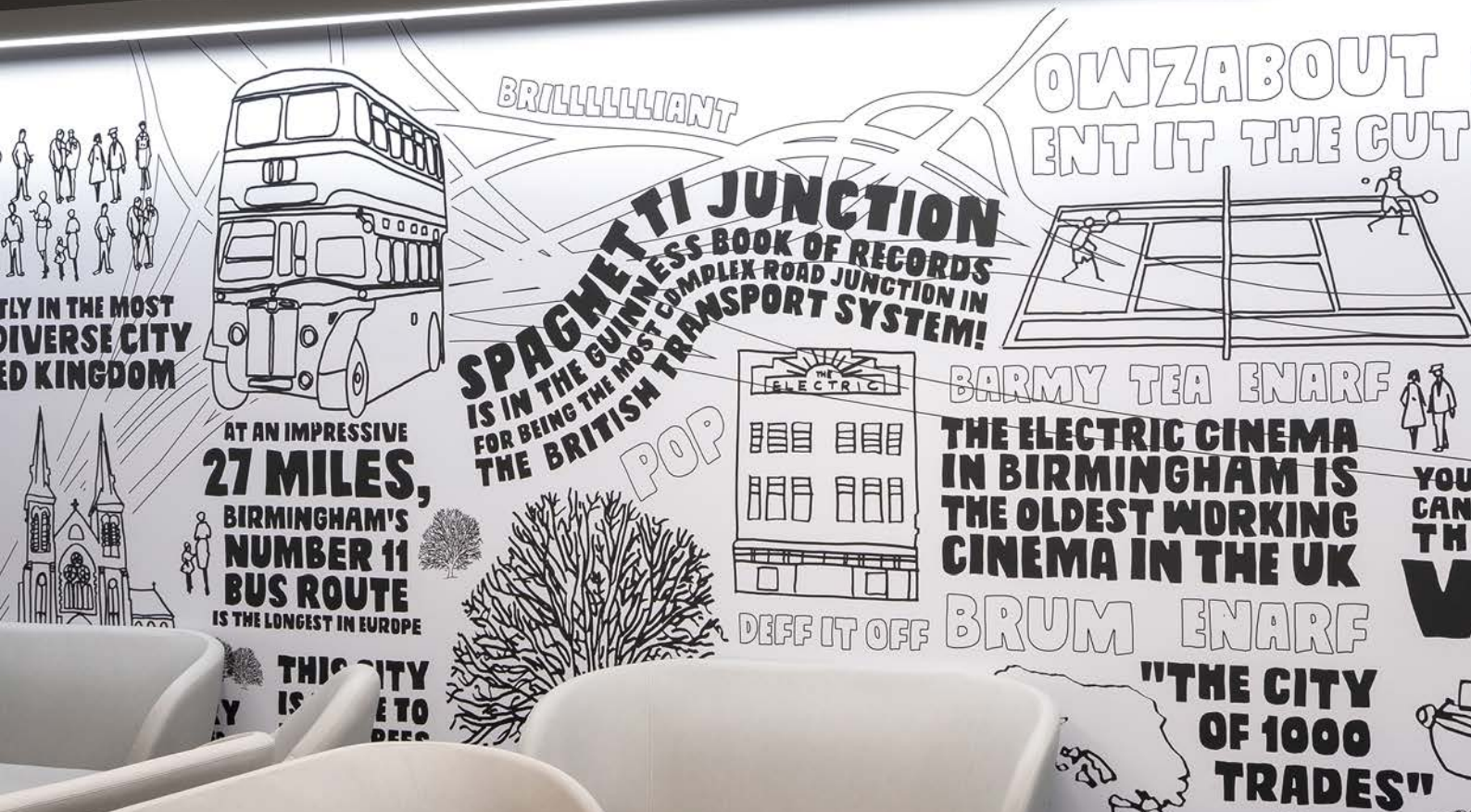
for plate L=1196

Mounting accessories	code colour
Pair of end caps	MWP7 01 for frame versions MWP6 01-04-15 for minimal versions
Accessory for flush installation	MWH6 00
Power supply base with suspension cables L=1500	MWM2 01-04 for versions with DALI MWB4 01-04 for electronic versions

Mounting accessories	code colour
Suspension cable	
Intermediate L=1500	MW67 00
Wall attachment	MWB7 01-15

Interfaces & remote units	code colour
BLE-DALI interface kit for Quick BLE system	
2.4GHz - 4 DALI addresses max - Integrated beacon	PA66 00

Primark - Birmingham, United Kingdom
Architectural project: 3D Reid and TTG Architects
Lighting project: LAPD
Graphics: Dalziel and Pow
Photo: CL9





General Lighting - Low Contrast
UGR<19



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- Modular lighting system for continuous rows.
- Suspended, flush mount, ceiling and wall installation.
- Extruded aluminium frame.
- Heads in zama.
- Steel sheet, wired lamp holder plate.
- Electronic and DALI cabling available
- High level of light output.
- Suspension versions having cables fitted with a creep adjustment system.

Lighting distribution UGR <19

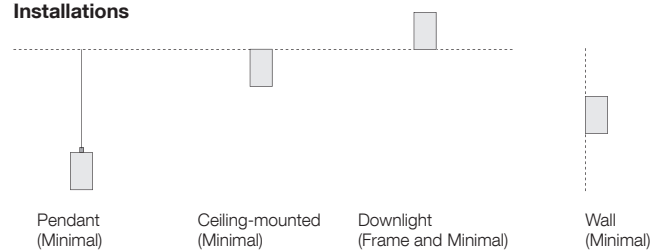
A comfortable lighting version with micro-prismatic screen specifically for work environments; assures values of UGR <19 and controlled luminance <3000cd/m².



Down light

Up/down light

Installations



Pendant
(Minimal)

Ceiling-mounted
(Minimal)

Downlight
(Frame and Minimal)

Wall
(Minimal)

Lighting distribution General Lighting - Low Contrast

General lighting with opal diffuser for soft and comfortable lighting.
1000 lm/m



Down light

Up/down light

Structural elements

Initial module

complete with screen



L= 610 / 1208 / 2397 / 23594 mm

Continuous row module

complete with screen and available in triple version



L= 898 / 3594 mm

Down Light angular module

complete with wired plate, through-passing cables and diffuser



LED plate Down Light & Up / Down Light

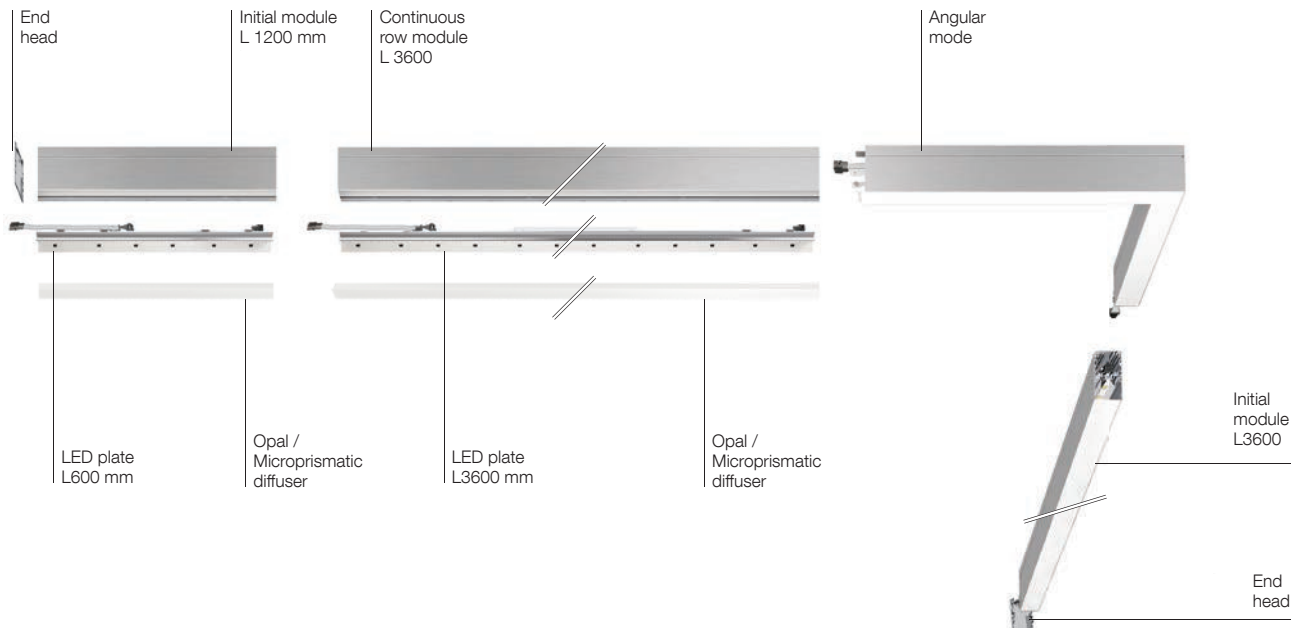
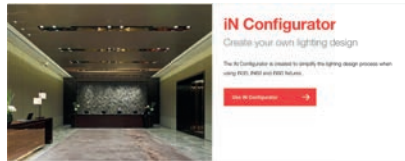
for electronic and DALI wiring



LED plate Down Light & Up / Down Light

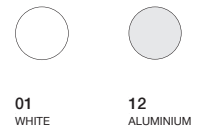
This combo-system helps create very detailed compositions.

For complex installations, consult the online instruction leaflet and/or on-line configurator. <http://inconfigurator.iguzzini.it/>



iN 90

General Lighting - Low Contrast



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length **code colour**

Minimal version - Down light - Initial module Opal diffuser

Module	code colour
612	Q362 01-12
1208	Q363 01-12
2397	Q364 01-12
3594	Q365 01-12

Minimal version - Down light - Continuous line module Opal diffuser

Module	code colour
898	Q366 01-12
3594	Q367 01-12



length **code colour**

Frame version - Down light - Initial module Opal diffuser

Module	code colour
612	Q356 01
1208	Q357 01
2397	Q358 01
3594	Q359 01

Frame version - Down light - Continuous line module Opal diffuser

Module	code colour
898	Q360 01
3594	Q361 01



length **code colour**

Minimal version - Up/down light - Initial module complete with pass-through wiring Opal diffuser

Module	code colour
1208	Q368 01-12
2397	Q369 01-12
3594	Q370 01-12

Minimal version - Up/down light - Continuous line module complete with pass-through wiring Opal diffuser

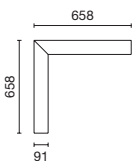
Module	code colour
3594	Q371 01-12



source **system**
W lm W lm optic code colour

Minimal version - Down light - Angular module complete with LED plate and pass-through wiring Opal diffuser

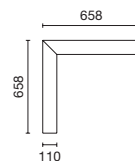
LED					
4000K - CRI 80					
30W	5400	34,5W	3996	GL	Q392 01-12
3000K - CRI 80					
30W	5000	34,5W	3700	GL	Q394 01-12
4000K - CRI 80 - DALI					
30W	5400	33W	3996	GL	Q393 01-12
3000K - CRI 80 - DALI					
30W	5000	33W	3700	GL	Q395 01-12



source **system**
W lm W lm optic code colour

Frame version - Down light - Angular module complete with LED plate and pass-through wiring Opal diffuser

LED					
4000K - CRI 80					
30W	5400	34,5W	3996	GL	Q388 01
3000K - CRI 80					
30W	5000	34,5W	3700	GL	Q390 01
4000K - CRI 80 - DALI					
30W	5400	33W	3996	GL	Q389 01
3000K - CRI 80 - DALI					
30W	5000	33W	3700	GL	Q391 01





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INDETER-
MINATE



source		system		length	code	colour
W	lm	W	lm			
LED plate - General Lighting - down light						
LED						
4000K - CRI 80						
15W	2700	17,4W	1998	598	Q404	00
22W	4050	26,3W	2997	896	Q405	00
30W	5400	34,6W	3996	1196	Q406	00
90W	16000	103,1W	11840	3588	QH85	00
3000K - CRI 80						
15W	2500	17,4W	1850	598	Q410	00
22W	3800	26,3W	2812	896	Q411	00
30W	5050	34,6W	3737	1196	Q412	00
90W	15050	103,1W	11137	3588	QH87	00
4000K - CRI 80 - DALI						
22W	4050	25,3W	2997	896	Q408	00
30W	5400	33W	3996	1196	Q409	00
90W	16000	101,2W	11840	3588	QH86	00
3000K - CRI 80 - DALI						
15W	2500	17W	1850	598	Q413	00
22W	3800	25,3W	2812	896	Q414	00
30W	5050	33W	3737	1196	Q415	00
90W	15050	101,2W	11137	3588	QH88	00



source		system		length	code	colour
W	lm	W	lm			
LED plate - General Lighting - up/down light						
LED						
4000K - CRI 80						
45W	8050	51,6W	5474	1196	Q416	00
134W	23600	151,9W	16048	3588	QH89	00
3000K - CRI 80						
45W	7550	51,6W	5134	1196	Q418	00
134W	22150	151,9W	15062	3588	QH91	00
4000K - CRI 80 - DALI						
45W	8050	50,7W	5474	1196	Q417	00
134W	23600	149W	16048	3588	QH90	00
3000K - CRI 80 - DALI						
45W	7550	50,7W	5134	1196	Q419	00
134W	22150	149W	15062	3588	QH92	00

Mounting accessories	code	colour
Pair of end caps	MWP9 01 for frame versions MWP8 01-15 for minimal versions	
Accessory for flush installation	MWB6 00	
Power supply base with suspension cables	L=1500 MWM2 01-04 for versions with DALI MWB4 01-04 for electronic versions	
Suspension cable	Intermediate L=1500 MW67 00	
Wall attachment	MWB7 01-15	

Control gear	code	colour
Plate with terminal block and cable retainer for the junction of through passing cables.	MY44 00	

Interfaces & remote units	code	colour
BLE-DALI interface kit for Quick BLE system		
2.4GHz - 4 DALI addresses max - Integrated beacon	PA66 00	



length	code colour
Minimal version - Down light - Initial module prismatized diffuser UGR < 19 3000 cd/m2	
Module	
612	Q426 01-12
1208	Q427 01-12
2397	Q428 01-12
3594	Q429 01-12



length	code colour
Minimal version - Down light - Continuous line module prismatized diffuser UGR < 19 3000 cd/m2	
Module	
898	Q430 01-12
3594	Q431 01-12



length	code colour
Frame version - Down light - Initial module prismatized diffuser UGR < 19 3000 cd/m2	
Module	
612	Q420 01
1208	Q421 01
2397	Q422 01
3594	Q423 01



length	code colour
Down light - Frame version - Continuous line module prismatized diffuser UGR < 19 3000 cd/m2	
Module	
898	Q424 01
3594	Q425 01



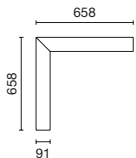
length	code colour
Minimal version - Up/down light - Initial module prismatized diffuser UGR < 19 3000 cd/m2	
Module	
1208	Q432 01-12
2397	Q433 01-12
3594	Q434 01-12



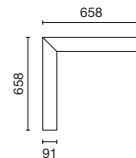
length	code colour
Minimal version - Up/down light - Continuous line module prismatized diffuser UGR < 19 3000 cd/m2	
Module	
3594	Q435 01-12



source	system	code colour			
W	lm	W	lm	optic	code colour
Minimal version - Down light - Angular module complete with LED plate and pass-through wiring prismatized diffuser UGR < 19 3000 cd/m2					
LED					
4000K - CRI 80					
13,6W	2700	16W	1944	UGR	Q440 01-12
3000K - CRI 80					
13,6W	2500	16W	1800	UGR	Q442 01-12
4000K - CRI 80 - DALI					
13,6W	2700	15,6W	1944	UGR	Q441 01-12
3000K - CRI 80 - DALI					
13,6W	2500	15,6W	1800	UGR	Q443 01-12



source	system	code colour			
W	lm	W	lm	optic	code colour
Frame version - Down light - Angular module complete with LED plate and pass-through wiring prismatized diffuser UGR < 19 3000 cd/m2					
LED					
4000K - CRI 80					
13,6W	2700	16W	1944	UGR	Q436 01
3000K - CRI 80					
13,6W	2500	16W	1800	UGR	Q438 01
4000K - CRI 80 - DALI					
13,6W	2700	15,6W	1944	UGR	Q437 01
3000K - CRI 80 - DALI					
13,6W	2500	15,6W	1800	UGR	Q439 01





source		system		length	code	colour
W	lm	W	lm			
LED plate - down light						
UGR < 19 3000 cd/m2						
LED						
4000K - CRI 80						
6,8W	1350	9,2W	972	598	Q444	00
10W	2000	12,5W	1440	896	Q445	00
14W	2700	16,1W	1944	1196	Q446	00
41W	8050	45,2W	5796	3588	QH93	00
3000K - CRI 80						
6,8W	1250	9,2W	900	598	Q450	00
10W	1900	12,5W	1368	896	Q451	00
14W	2550	16,1W	1836	1196	Q452	00
41W	7550	45,2W	5436	3588	QH95	00
4000K - CRI 80 - DALI						
6,8W	1350	8,4W	972	598	Q447	00
10W	2000	11,9W	1440	896	Q448	00
14W	2700	15,6W	1944	1196	Q449	00
41W	8050	45,3W	5796	3588	QH94	00
3000K - CRI 80 - DALI						
6,8W	1250	8,4W	900	598	Q453	00
10W	1900	11,9W	1368	896	Q454	00
14W	2550	15,6W	1836	1196	Q455	00
41W	7550	45,3W	5436	3588	QH96	00



source		system		length	code	colour
W	lm	W	lm			
LED plate - up/down light						
UGR < 19 3000 cd/m2						
LED						
4000K - CRI 80						
21W	4050	24,4W	2714	1196	Q456	00
61W	12000	69,7W	8040	3588	QH97	00
3000K - CRI 80						
21W	3800	24,4W	2546	1196	Q458	00
61W	11300	69,7W	7571	3588	QH99	00
4000K - CRI 80 - DALI						
21W	4050	23,3W	2714	1196	Q457	00
61W	12000	68,3W	8040	3588	QH98	00
3000K - CRI 80 - DALI						
21W	3800	23,3W	2546	1196	Q459	00
61W	11300	68,3W	7571	3588	Q100	00

Mounting accessories	code	colour	Control gear	code	colour	Interfaces & remote units	code	colour
Pair of end caps	MWP9	01	Plate with terminal block and cable retainer for the junction of through passing cables.	MY44	00	BLE-DALI interface kit for Quick BLE system	PA66	00
		for frame versions MWP8 01-15 for minimal versions						
Accessory for flush installation	MWB6	00				2.4GHz - 4 DALI addresses max - Integrated beacon		
Power supply base with suspension cables								
L=1500	MWM2	01-04						
		for versions with DALI MWB4 01-04 for electronic versions						
Suspension cable								
Intermediate L=1500	MW67	00						

Pages 412-413
Doha Metro - Doha, Qatar
 Customer: Qatar Rail
 Architectural project: UNSTUDIO
 Lighting design: AG LICHT
 Photo: Nigel Downes



خروج
Way Out





Suspensions/Pendants

System Flexibility

Ceilings are ideal locations for installing lighting systems. All indoor pendants are designed to use the best light sources ensuring excellent yields, efficient lighting and visual comfort.

416 Drop by Drop

418 Gem

420 iSign

422 Laser Blade XS

426 Laser

270 Le Perroquet

274 Front Light

374 Isola

380 iPlan

384 iPlan Access

389 iN 30/60/90

448 Easy

452 Cup

Under – Båly, Norway
Client: Gaute and Stig Ubostad
Architectural Project: Snøhetta
Lighting project: ÅF Lighting
Photo: Tomasz Majewski



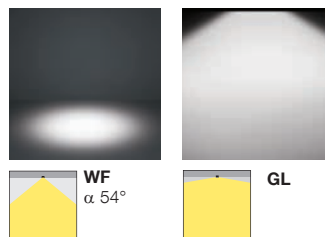


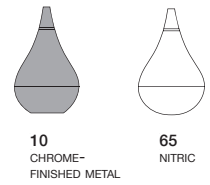
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- Diffused lighting device for use with fluorescent and LED sources.
- Body and head in polycarbonate, internal structure in aluminium and sheet steel.
- The heads are released by stainless steel clips.
- Extractable plate for lamp replacement.
- Fast-coupling terminal strips.
- Electronic, DALI and permanent emergency lighting wiring available, 1.5 hours autonomy with 12 hours recharge cycle - 3 hours autonomy with 24-hour recharge cycle. Conforms to EN60598-2-22.
- Luminaire ready for pass-through wiring.

Optics





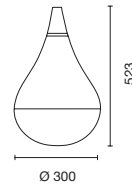
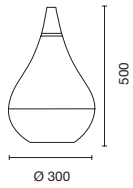
new
Available



source		system		optic	code colour
W	lm	W	lm		
Chromed suspension					
LED					
3000K - CRI 80 - DALI					
33W	2730	37,5W	2730	54°	TRR3 10
Pendant, chrome finish L = 2000 mm					



source		system		optic	code colour
W	lm	W	lm		
Opal suspension					
LED					
3000K - CRI 85 - DALI					
28W	2050	31W	2050	GL	TRR4 65
Pendant, opal finish L = 2000 mm					



The Light Gate – Milan, Italy
 Architectural and lighting project: Alfonso Femia Atelier(s)
 Interior design: Attico Interni
 Photo: Paolo Carlini

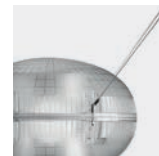


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- Direct and indirect/direct suspended light emission device designed for use with LED sources.
- Comprises two polycarbonate shells and with a partial satin finish.
- The shells are closed with specific supports to which the suspension cables (accessories) are attached.
- Coupling between the two sealed shells with a silicone seal located

- in the perimeter part and a brass nickel plated M12x1.5 cable gland for power supply cable exit.
- Micro-perforated aluminium reflector with bright finish.
- Aluminium mounting plate housing the component box and light source.
- Suspension cables with creep adjustment system.



Suspension cable angle max 45°



Millimetric (creep) adjustment of suspension cables



Down light
This version allows for direct light emission α 145°.



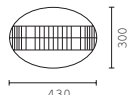
Up/down light
The dual reflector allows α 90° indirect and α 145° direct lighting.



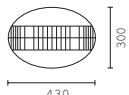
65
NITRIC


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source	system		optic	code colour
	W	lm		
Down light				
LED				
4000K - CRI 80 - DALI				
31W5000	34,1W	3800	GL	N308 65
3000K - CRI 80 - DALI				
32W5000	35,4W	3800	GL	N309 65



source	system		optic	code colour
	W	lm		
Up/down light				
LED				
4000K - CRI 80 - DALI				
45W2147 up	50,9W	1524 up	GL	N310 65
4853 down	3445	down	GL	
3000K - CRI 80 - DALI				
46W2147 up	51,8W	1524 up	GL	N311 65
4853 down	3445	down	GL	



Control gear	code	colour
 Base kit with suspension cable L=2000	4461	15

St Pius X High School - Adamstown, Australia
Architectural Project: SHAC Architects Newcastle - Elizabeth Brown
Lighting project: Goldenratio - Sam Dib
Photo: Alexander McIntyre





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- Diffused lighting device for use with fluorescent and LED sources.
- Body and head in polycarbonate, internal structure in aluminium and sheet steel.
- The heads are released by stainless steel clips.
- Extractable plate for lamp replacement.
- Fast-coupling terminal strips.
- Electronic, DALI and permanent emergency lighting wiring available, 1.5 hours autonomy with 12 hours recharge cycle - 3 hours autonomy with 24-hour recharge cycle. Conforms to EN60598-2-22.
- Luminaire ready for pass-through wiring.

Applications

iSign, thanks to special accessories, can be installed on walls/ceilings, with single and double suspension in horizontal or vertical positions.



wall/ceiling-mounted



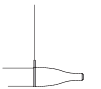
vertical suspension



Horizontal double pendant application



horizontal suspension



24
TRANSPARENT,
COLOURLESS

iguzzini.com code finder / download design files / save and organize favorites



source		system		length	code	colour
W	lm	W	lm			
Complete with pass-through wiring						
LED						
4000K - CRI 80						
26W	4350	29W	3610	1630	6787	24
32W	5450	36,2W	4415	1910	6788	24
3000K - CRI 80						
26W	4200	29W	3486	1630	6789	24
32W	5250	36,2W	4253	1910	6790	24
4000K - CRI 80 - DALI						
26W	4350	29W	3610	1630	6791	24
32W	5450	36,2W	4415	1910	6792	24
3000K - CRI 80 - DALI						
26W	4200	29W	3486	1630	6793	24
32W	5250	36,2W	4253	1910	6794	24
Permanent emergency light autonomy 3 hours						
LED						
4000K - CRI 80						
32W	5450	36,2W	4415	1910	6795	24
3000K - CRI 80						
32W	5250	36,2W	4253	1910	6796	24

Mounting accessories	code	colour
5-pole power supply strip	9401	15
5-pole power supply strip with cables for double horizontal suspension L=1500 - to be ordered with code 9409	9408	15
5-pole power supply strip with cables for single horizontal suspension L=1500	9402	15
5-pole power supply strip with cables for double vertical suspension L=1500	9411	15
5-pole power supply strip with cables for single vertical suspension L=1500	9410	15
Cable for double horizontal suspension L=1500	9409	00
Cable for single horizontal suspension L=1500	9403	00
Pair of plastic brackets for ceiling/wall application		
aluminium for ceiling/wall installation	9499	15
plastic material for ceiling/wall application	9400	15



Dental Clinic
"Smile-in" – Madrid, Spain
 Architectural Project: Paco Lago Interiorismo
 Photo: Agustín David Forner

Laser Blade XS

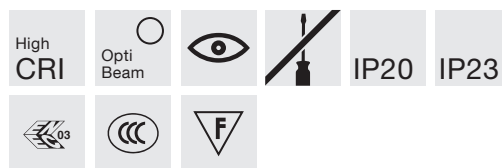
Suspension



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45mm



- Devices for pendant installation
- Complete with power supply base and suspension cable
- Pendants with cable adjustment and body rotation system to facilitate alignment
- Main bodies made of aluminium
- Opti Beam high definition optics in metallic thermoplastic material
- High visual comfort
- Built-in driver
- IP23
- Class I

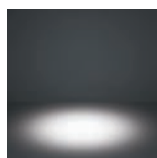


Alignment device



Strip

Optics





26x26



26x26



45x45



63x63

Laser Blade XS Suspension



01
WHITE



47
WHITE/BLACK



43
BLACK/BLACK



44
BLACK/
GOLD*



F1
BLACK/
BURNISHED
CHROME*



41
WHITE/
GOLD



E7
WHITE/
BURNISHED
CHROME

* available on request

Finishes / base strip / cable

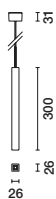
Laser Blade is light as decor. It may blend into the setting or, on the contrary, itself become an item of décor. A vast series of aesthetical options with different interior and exterior colour finishes for choosing with style.



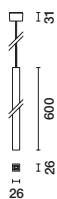
iguzzini.com code finder / download design files / save and organize favorites



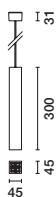
source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90					
2W	210	3,8W	168	42°	Q863 01-43-47
3000K - CRI 90					
2W	190	3,8W	152	42°	Q864 01-43-47
2700K - CRI 90					
2W	180	3,8W	144	42°	Q865 01-43-47
Complete with control gear, power supply base and cable L=2000					



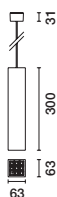
source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90					
2W	210	3,8W	168	42°	Q866 01-43-47
3000K - CRI 90					
2W	190	3,8W	152	42°	Q867 01-43-47
2700K - CRI 90					
2W	180	3,8W	144	42°	Q868 01-43-47
Complete with control gear, power supply base and cable L=2000					



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90					
8W	820	10,2W	681	58°	Q869 01-43-47
3000K - CRI 90					
8W	740	10,2W	614	58°	Q870 01-43-47
2700K - CRI 90					
8W	700	10,2W	581	58°	Q871 01-43-47
Complete with control gear, power supply base and cable L=2000					



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90					
15W	1600	17,7W	1328	58°	Q872 01-43-47
3000K - CRI 90					
15W	1450	17,7W	1204	58°	Q873 01-43-47
2700K - CRI 90					
15W	1350	17,7W	1121	58°	Q874 01-43-47
Complete with control gear, power supply base and cable L=2000					



“Sumosan” Japanese restaurant - Tivat, Montenegro
Architectural project: ABBA Design, Mason&Smith Development
Photo: Luka Bošković



Laser
Suspension

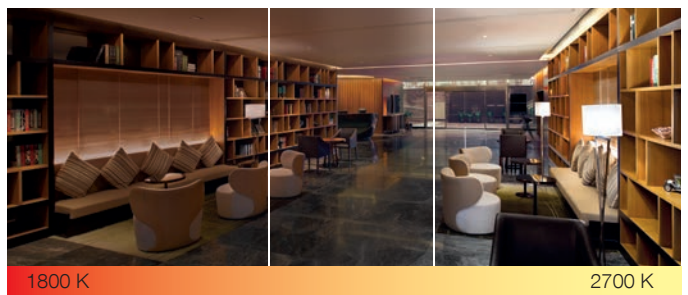
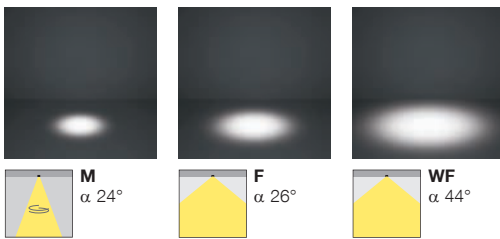




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- Devices for pendant installation
- Lighting body in painted aluminium
- Optional suspension kit to be combined with the body, comprising base strip, cable and coupling system with bayonet mount
- Possibility of adjusting the length of the cable
- High Definition optical lenses in metallic-finish thermoplastic material
- Super Comfort (UGR <10) or decorative versions with transparent acrylic glass terminal
- Built-in driver
- IP20
- Class I



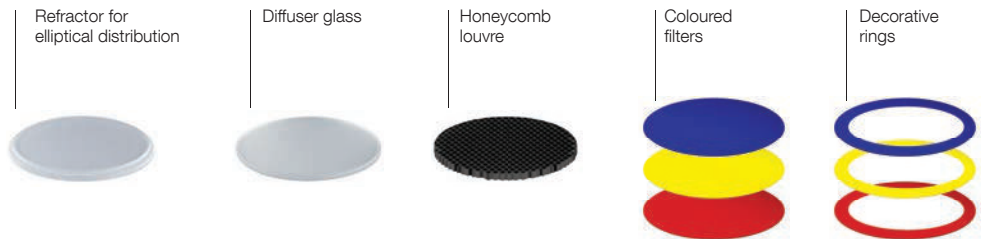
Warm dimming

Halogen functionality with LED technology. When luminous intensity drops to 5%, colour temperature

warms up slowly from 2700K to 1800K using only one control channel.

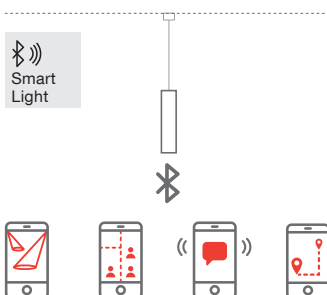
Accessories

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects. The combination of filters allows the chromatic characteristics of the source to be modified in order to enhance illuminated objects or settings.



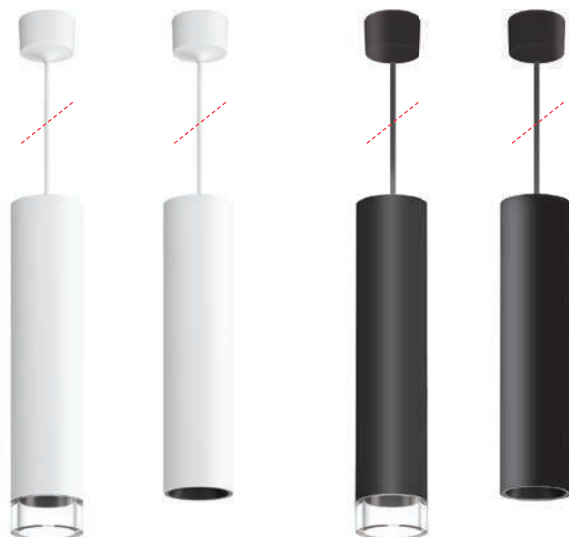
BLE-DALI 4 Interface

Smart device using the Bluetooth Low Energy protocol (integrated in the product) capable of activating management of lighting (smart light control) and the beacon (smart services: Space Management Push notification and Indoor Navigation).

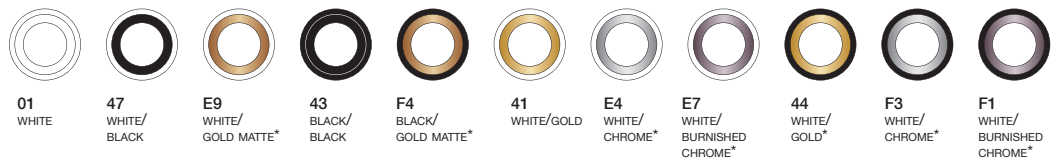


Finishes / base strip / cable

Laser is light as decor. It may blend into the setting or, on the contrary, itself become an item of décor. A vast series of aesthetical options with different interior and exterior colour finishes for choosing with style



Laser Suspension



01
WHITE

47
WHITE/
BLACK

E9
WHITE/
GOLD MATTE*

43
BLACK/
BLACK

F4
BLACK/
GOLD MATTE*

41
WHITE/GOLD

E4
WHITE/
CHROME*

E7
WHITE/
BURNISHED
CHROME*

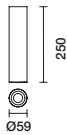
44
WHITE/
GOLD*

F3
WHITE/
CHROME*

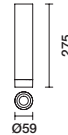
F1
WHITE/
BURNISHED
CHROME*

iguzzini.com code finder / download design files / save and organize favorites

* available on request



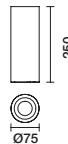
source		system		optic	code colour
W	lm	W	lm		
Ø 59					
LED					
3000K - CRI 90					
11W	990	11,7W	703	24°	Q999 01-43-47
11W	990	11,7W	762	42°	QA01 01-43-47
2700K - CRI 90					
11W	940	11,7W	667	24°	Q997 01-43-47
11W	940	11,7W	724	42°	Q998 01-43-47
3000K - CRI 90 - DALI					
11W	990	12,2W	703	24°	QA04 01-43-47
11W	990	12,2W	762	42°	QA05 01-43-47
2700K - CRI 90 - DALI					
11W	940	12,2W	667	24°	QA02 01-43-47
11W	940	12,2W	724	42°	QA03 01-43-47
3000K - CRI 90 - Phase-cut					
11W	990	12W	703	24°	QI47 01-43-47
11W	990	12W	762	42°	QI48 01-43-47
2700K - CRI 90 - Phase-cut					
11W	940	12W	667	24°	QI45 01-43-47
11W	940	12W	724	42°	QI46 01-43-47
Complete with power supply					



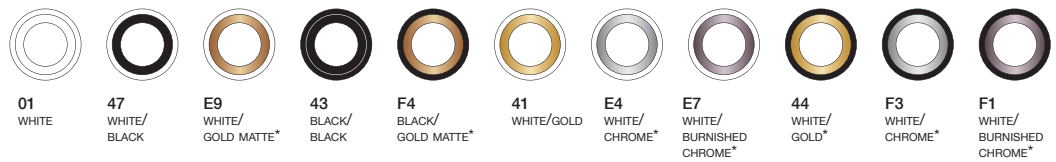
source		system		optic	code colour
W	lm	W	lm		
Ø 59 - Decorative ring version					
LED					
3000K - CRI 90					
11W	990	11,7W	663	24°	QA08 43-47
11W	990	11,7W	703	38°	QA09 43-47
2700K - CRI 90					
11W	940	11,7W	630	24°	QA06 43-47
11W	940	11,7W	667	38°	QA07 43-47
3000K - CRI 90 - DALI					
11W	990	12,2W	663	24°	QA12 43-47
11W	990	12,2W	703	38°	QA13 43-47
2700K - CRI 90 - DALI					
11W	940	12,2W	630	24°	QA10 43-47
11W	940	12,2W	667	38°	QA11 43-47
3000K - CRI 90 - Phase-cut					
11W	990	12W	663	24°	QI51 43-47
11W	990	12W	703	38°	QI52 43-47
2700K - CRI 90 - Phase-cut					
11W	940	12W	630	24°	QI49 43-47
11W	940	12W	667	38°	QI50 43-47
Complete with power supply					



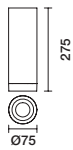
source		system		optic	code colour
W	lm	W	lm		
Ø 75					
LED					
3000K - CRI 90					
14W	1650	15,6W	1403	26°	QA16 01-43-47
14W	1650	15,6W	1386	44°	QA17 01-43-47
2700K - CRI 90					
14W	1550	15,6W	1318	26°	QA14 01-43-47
14W	1550	15,6W	1302	44°	QA15 01-43-47
3000K - CRI 90 - DALI					
14W	1650	15,8W	1403	26°	QA20 01-43-47
14W	1650	15,8W	1386	44°	QA21 01-43-47
2700K - CRI 90 - DALI					
14W	1550	15,8W	1318	26°	QA18 01-43-47
14W	1550	15,8W	1302	44°	QA19 01-43-47
3000K - CRI 90 - Bluetooth Low Energy (BLE)					
14W	1650	16,8W	1403	26°	QA36 01-43-47
14W	1650	16,8W	1386	44°	QA37 01-43-47
Complete with power supply					



source		system		optic	code colour
W	lm	W	lm		
Ø 75					
LED					
2700K - CRI 90 - Bluetooth Low Energy (BLE)					
14W	1550	16,8W	1318	26°	QA34 01-43-47
14W	1550	16,8W	1302	44°	QA35 01-43-47
3000K - CRI 90 - Phase-cut					
12W	1450	13,9W	1233	26°	QI55 01-43-47
12W	1450	13,9W	1218	44°	QI56 01-43-47
2700K - CRI 90 - Phase-cut					
12W	1400	13,9W	1190	26°	QI53 01-43-47
12W	1400	13,9W	1176	44°	QI54 01-43-47
Warm Dimming - CRI 90 - DALI					
14W	840	15,5W	722	28° / 30°	QA22 01-43-47
14W	840	15,5W	714	44° / 46°	QA23 01-43-47
Warm Dimming - CRI 90 - Bluetooth Low Energy (BLE)					
14W	840	16,6W	722	28° / 30°	QA38 01-43-47
14W	840	16,6W	714	44° / 46°	QA39 01-43-47
Complete with power supply					



source		system		optic	code	colour
W	lm	W	lm			
Ø 75 - Decorative ring version						
LED						
3000K - CRI 90						
14W	1650	15,6W	1337	28°	QA26	43-47
14W	1650	15,6W	1337	42°	QA27	43-47
2700K - CRI 90						
14W	1550	15,6W	1256	28°	QA24	43-47
14W	1550	15,6W	1256	42°	QA25	43-47
3000K - CRI 90 - DALI						
14W	1650	15,8W	1337	28°	QA30	43-47
14W	1650	15,8W	1337	42°	QA31	43-47
2700K - CRI 90 - DALI						
14W	1550	15,8W	1256	28°	QA28	43-47
14W	1550	15,8W	1256	42°	QA29	43-47
3000K - CRI 90 - Bluetooth Low Energy (BLE)						
14W	1650	16,8W	1337	28°	QA42	43-47
14W	1650	16,8W	1337	42°	QA43	43-47
Complete with power supply						



source		system		optic	code	colour
W	lm	W	lm			
Ø 75 - Decorative ring version						
LED						
2700K - CRI 90 - Bluetooth Low Energy (BLE)						
14W	1550	16,8W	1256	28°	QA40	43-47
14W	1550	16,8W	1256	42°	QA41	43-47
3000K - CRI 90 - Phase-cut						
12W	1450	13,9W	1175	28°	QI59	43-47
12W	1450	13,9W	1175	42°	QI60	43-47
2700K - CRI 90 - Phase-cut						
12W	1400	13,9W	1134	28°	QI57	43-47
12W	1400	13,9W	1134	42°	QI58	43-47
Warm Dimming - CRI 90 - DALI						
14W	840	15,5W	664	30°	QA32	43-47
14W	840	15,5W	680	44° / 42°	QA33	43-47
Warm Dimming - CRI 90 - Bluetooth Low Energy (BLE)						
14W	840	16,6W	664	30°	QA44	43-47
14W	840	16,6W	680	44° / 42°	QA45	43-47
Complete with power supply						



Decorative accessories	code	colour	code	colour
Decorative rings	MY15	05-06-16	MY26	05-06-16



Optical accessories	code	colour	code	colour
Honeycomb louvre	PA63	04	MY22	04
diffuser glass	MY12	65	---	---
Diffuser glass	---	---	PA65	65
Refractor for elliptical distribution	MY13	24	---	---
medium	---	---	MY24	24
Coloured filters	---	---	MY25	05-06-16
Coloured filters	PA64	05-06-16	---	---



Mounting accessories	code	colour	code	colour
Ceiling mounting attachment	MZ87	01-04	MZ88	01-04



Base kit with suspension cable	code	colour	code	colour
for versions with DALI	PA07	01-04	PA08	01-04
for electronic versions and Bluetooth versions	MZ89	01-04	PA06	01-04





Wall / ceiling / floor luminaires

Diffused, direct or indirect light

Ceiling-mounted lights for general lighting ensuring excellent visual comfort. Down/up light versions mounted on vertical walls for uniform diffused light in the setting or on the ceiling.

Wall or floor mounted versions for comfortable lighting, using technical solutions that reduce the need for maintenance and cleaning work.

432 Overview Wall / ceiling / floor luminaires

435 Laser Blade XS

444 Laser

448 Easy Ceiling / Pendant

452 Cup

455 Motus

462 Bos

466 Underscore

470 Underscore15/18

478 Underscore Grazer

483 PizzaKobra



Overview Wall / ceiling / floor luminaires



436 Laser Blade XS
Ceiling
High Contrast

440 Laser Blade XS
Ceiling
General Lighting Pro

442 Laser Blade XS
Ceiling
Wall Washer

442 Laser Blade XS
Ceiling
Wall Washer
Longitudinal Glare Control

Performances

Optics	42°/58°	GL	WW	WW
Power W	2 → 33,4	9,9 → 33,4	17 → 19,7	17 → 19,7
Luminous flux lm	136 → 2532	573 → 2105	480 → 665	480 → 665
Colour temperature K	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000
Emergency				

Versions

Ceiling-mounted	•	•	•	•
Wall-mounted				
Pendant				
Downlight				



466 Underscore6

470 Underscore15/18

478 Underscore
Grazer

483 PizzaKobra

Performances

Optics	GL	LE	WW	37°/38°
Power W	9,2	4,8 → 19,2	14,3 → 41,5	8,7
Luminous flux lm	200 → 220	270 → 1800	1007 → 3052	187
Colour temperature K	3000/4000/6000	2400/27000/3000/ 4000/6000/RGB	3000/4000	6700
Emergency				

Versions

Ceiling-mounted	•	•		
Wall-mounted	•	•		
Pendant				
Downlight	•	•	•	

Optics: **GL** General Lighting - **UGR** Controlled luminance- **SG** Signalling **WW** Wall Washer - **WW LGC** Wall Washer Longitudinal Glare Control - **LE** Lighting Effect

Codes, technical e and lighting features for these appliances are presented in the appropriate sections



254 Palco
Surfaces



250 Palco Framer
Surfaces



270 Le Perroquet



284 View



374 Isola



380 iPlan



874 iPro



616 Linealuce
Mini 37



602 Linealuce
Mini 47



628 Linealuce
Compact 75



782 Light Up Orbit
technopolymer
body with all glass
diffuser



782 Light Up Orbit
technopolymer
body with all glass
diffuser



444 Laser Ceiling



444 Laser Ceiling



448 Easy Ceiling / Pendant



452 Cup



462 Bos

new

24°/26°/28°/30°/ 38°/42°/44°/46°	24°/26°/28°/30°/ 38°/42°/44°/46°	GL/UJR	GL	GL
11,7 → 16,8	11,7 → 16,8	12,9 → 36,7	9,7	14 → 43,8
630 → 1403	630 → 1403	1275 → 4410	663 → 689	1330 → 5135
2700/3000	2700/3000	3000/4000	2700	3000/4000
		•		•
•	•	•	•	•
•	•	•	•	•
			•	



456 Motus



458 Motus Escape



458 Motus Antipanic



460 Motus Pictogram

new

new

new

GL	Escape-Route	Anti-Panic	D
	3,5	3,5	1
259 → 590	200	220	35
6000	5000	5000	4000
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•



380 iPlan



380 iPlan



390 iN30



390 iN60



390 iN90



420 iSign



760 Light Up Orbit
stainless steel
body



652 Underscore
InOut 10



656 Underscore
InOut 16



RUESSGROUP



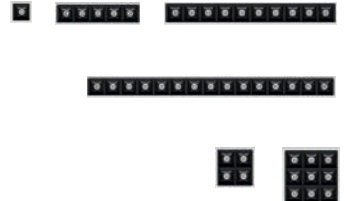
Laser Blade XS

Laser Blade XS High Contrast Ceiling

page 436



WF
α 42-58°



Laser Blade XS General Lighting Pro Ceiling

page 440



GL



Laser Blade XS Wall Washer Ceiling

page 440



WW



Wall Washer
Longitudinal
Glare Control

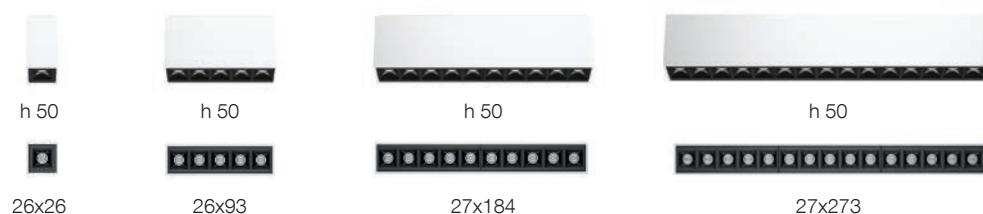
Laser Blade XS, Laser Blade, Laser Blade L and Laser Blade XL versions are described on page 102

Laser Blade XS

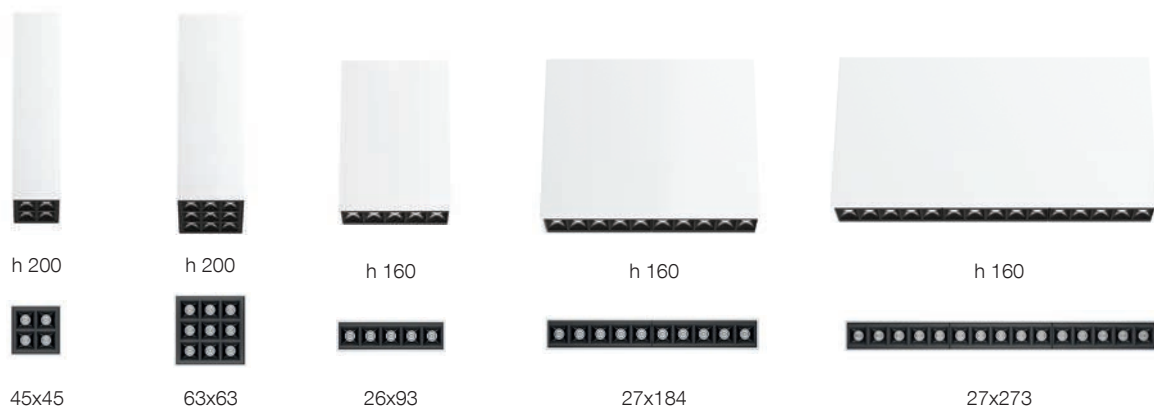
Ceiling High Contrast



remote driver



built-in driver



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thelightexperience.iguzzini.com



- Range of devices for ceiling installation
- Versions with built-in driver or remote power supply available with separate code number
- Main bodies made of aluminium

- Opti Beam high definition optics in metallic thermoplastic material
- High visual comfort
- IP23
- Class III / Class I



01
WHITE



43
BLACK/BLACK



47
WHITE/BLACK



41
WHITE/GOLD



44
BLACK/
GOLD*



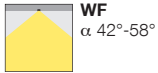
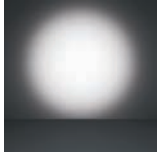
E7
WHITE/
BURNISHED
CHROME



F1
BLACK/
BURNISHED
CHROME*

* available on request

Optics



WF
α 42°-58°

Body finishes

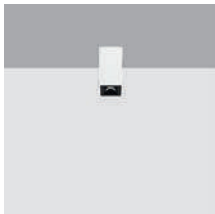


White/Black



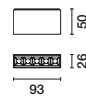
Black/Black

iguzzini.com code finder / download design files / save and organize favorites



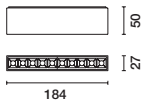
source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90					
2W	210	2W	168	42°	Q875 01-43-47
3000K - CRI 90					
2W	190	2W	152	42°	Q876 01-43-47
2700K - CRI 90					
2W	170	2W	136	42°	Q877 01-43-47

Class of Insulation III
Power supply to be ordered separately



source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90					
9,9W	990	9,9W	822	42°	Q878 01-43-47
3000K - CRI 90					
10W	890	10W	739	42°	Q879 01-43-47
2700K - CRI 90					
10W	840	10W	697	42°	Q880 01-43-47

Class of Insulation III
Power supply to be ordered separately



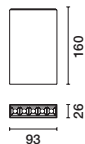
source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90					
20W	1950	20W	1619	42°	Q881 01-43-47
3000K - CRI 90					
20W	1750	20W	1453	42°	Q882 01-43-47
2700K - CRI 90					
20W	1650	20W	1370	42°	Q883 01-43-47

Class of Insulation III
Power supply to be ordered separately



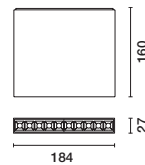
source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90					
30W	2900	30W	2407	42°	Q884 01-43-47
3000K - CRI 90					
30W	2650	30W	2200	42°	Q885 01-43-47
2700K - CRI 90					
30W	2500	30W	2075	42°	Q886 01-43-47

Class of Insulation III
Power supply to be ordered separately



source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90 - DALI					
10W	1050	12,5W	872	42°	Q161 01-43-47
3000K - CRI 90 - DALI					
10W	920	12,5W	764	42°	Q162 01-43-47
2700K - CRI 90 - DALI					
10W	870	12,5W	722	42°	Q163 01-43-47

Complete with power supply



source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90 - DALI					
20W	2050	22,8W	1702	42°	Q164 01-43-47
3000K - CRI 90 - DALI					
20W	1850	22,8W	1536	42°	Q165 01-43-47
2700K - CRI 90 - DALI					
20W	1700	22,8W	1411	42°	Q166 01-43-47

Complete with power supply

For Class III products, certifications, safety and performances are only assured when the electronic power supply units and drivers indicated in the catalogue are used.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

iguzzini.com/laser-blade-xS 437

Laser Blade XS

Ceiling High Contrast



01
WHITE



43
BLACK/BLACK



47
WHITE/BLACK



41
WHITE/GOLD



44
BLACK/
GOLD*



E7
WHITE/CHROME
BURNISHED*



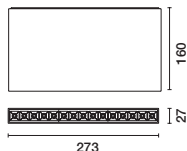
F1
BLACK/
CHROME
BURNISHED*

iguzzini.com code finder / download design files / save and organize favorites

* available on request



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90 - DALI					
30W	3050	33,4W	2532	42°	Q167 01-43-47
3000K - CRI 90 - DALI					
30W	2750	33,4W	2283	42°	Q168 01-43-47
2700K - CRI 90 - DALI					
30W	2600	33,4W	2158	42°	Q169 01-43-47
Complete with power supply					



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90					
8W	820	10,2W	681	58°	Q857 01-43-47
3000K - CRI 90					
8W	740	10,2W	614	58°	Q858 01-43-47
2700K - CRI 90					
8W	700	10,2W	581	58°	Q859 01-43-47
Complete with power supply					



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 90					
15W	1600	17,7W	1328	58°	Q860 01-43-47
3000K - CRI 90					
15W	1450	17,7W	1204	58°	Q861 01-43-47
2700K - CRI 90					
15W	1350	17,7W	1121	58°	Q862 01-43-47
Complete with power supply					



	26	93	184	273
Power supply	code colour	code colour	code colour	code colour
Power supply On-Off 20W	MZ82 00	---	---	---
Power supply On-Off 50W				
Vin = 220-240Vac 50 / 60Hz Iout = 700mA dimensions = 124x79x22	---	MZ84 00	MZ84 00	MZ84 00
Power supply DALI 20W	MZ83 00	---	---	---
Constant current power supply DALI IP20 50W				
VIN = 220-240VAC 50/60Hz Iout = 350±1050mA dimensions: 125x80x22	---	BZM4 00	BZM4 00	BZM4 00

Studio Gruppo SPA - Rome, Italy
Architectural Project: Gabriele Napolitano
Photo: Ales&Ales



Laser Blade XS

Ceiling General Lighting Pro



remote driver



h 50



26x93



h 50



27x184



h 50



27x273

built-in driver



h 160



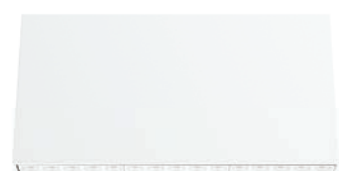
26x93



h 160



27x184



h 160



27x273

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thelightexperience.iguzzini.com




- Range of devices for ceiling installation
- Versions with built-in driver or remote power supply available with separate code number
- Main bodies made of aluminium
- High definition metallic-finish thermoplastic optics combined with

a special diffuser filter to optimise light emission by significantly reducing direct glare

- IP43
- Class III



Optics





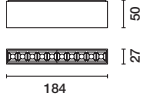

source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90					
9,9W	980	9,9W	676	GL	Q887 01-F2
3000K - CRI 90					
9,9W	880	9,9W	607	GL	Q888 01-F2
2700K - CRI 90					
9,9W	830	9,9W	573	GL	Q889 01-F2

Class of Insulation III
Power supply to be ordered separately



source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90					
20W	1950	20W	1346	GL	Q890 01-F2
3000K - CRI 90					
20W	1750	20W	1208	GL	Q891 01-F2
2700K - CRI 90					
20W	1650	20W	1139	GL	Q892 01-F2

Class of Insulation III
Power supply to be ordered separately

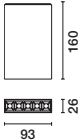

source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90					
30W	2900	30W	2001	GL	Q893 01-F2
3000K - CRI 90					
30W	2600	30W	1794	GL	Q894 01-F2
2700K - CRI 90					
30W	2450	30W	1691	GL	Q895 01-F2

Class of Insulation III
Power supply to be ordered separately

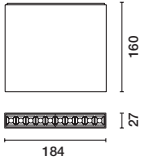

source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90 - DALI					
10W	1000	12,5W	690	GL	Q170 01-F2
3000K - CRI 90 - DALI					
10W	920	12,5W	635	GL	Q171 01-F2
2700K - CRI 90 - DALI					
10W	870	12,5W	600	GL	Q172 01-F2

Complete with power supply

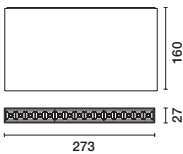
source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90 - DALI					
20W	2000	22,8W	1380	GL	Q173 01-F2
3000K - CRI 90 - DALI					
20W	1800	22,8W	1242	GL	Q174 01-F2
2700K - CRI 90 - DALI					
20W	1700	22,8W	1173	GL	Q175 01-F2


Complete with power supply

source		system			
W	lm	W	lm	optic	code colour
LED					
4000K - CRI 90 - DALI					
30W	3050	33,4W	2105	GL	Q176 01-F2
3000K - CRI 90 - DALI					
30W	2750	33,4W	1898	GL	Q177 01-F2
2700K - CRI 90 - DALI					
30W	2550	33,4W	1760	GL	Q178 01-F2

Complete with power supply




Power supply	code	colour	code	colour	code	colour
 Power supply On-Off 50W Vin = 220-240Vac 50 / 60Hz Iout = 700mA dimensions = 124x79x22	MZ84	00	MZ84	00	MZ84	00
 Constant current power supply DALI IP20 50W VIN = 220-240VAC 50/60Hz Iout = 350÷1050mA dimensions: 125x80x22	BZM4	00	BZM4	00	BZM4	00

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Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

Laser Blade XS

Ceiling Wall Washer



remote driver



h 50



27x184

built-in driver
Wall Washer
Longitudinal Glare Control



h 160



27x184



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- Range of devices for ceiling installation
- Versions with built-in driver or remote power supply available with separate code number
- Main bodies made of aluminium
- The ceiling lights are equipped with the patented optical systems

- for the Laser Blade XS WW range, ensuring effective and uniform light distribution on the wall
- Ceiling lights with built-in driver use the Longitudinal Glare Control diffuser, which combines wall washer emission with reduced longitudinal glare.

- IP43
- Class III



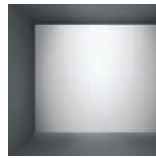
43
BLACK/BLACK



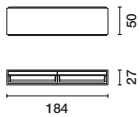
47
WHITE/BLACK

Optics

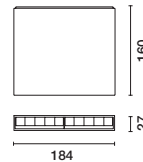
The innovative wall washer optic (patented) was designed to ensure uniform lighting of walls, from the highest to the lowest points, as well as avoiding shadow areas in zones near the ceiling.



source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 90						
17W	1750	17W	665	WW	Q896	43-47
3000K - CRI 90						
17W	1550	17W	589	WW	Q897	43-47
2700K - CRI 90						
17W	1450	17W	551	WW	Q898	43-47
Class of Insulation III Power supply to be ordered separately						



source		system		optic	code	colour
W	lm	W	lm			
Longitudinal Glare Control						
LED						
4000K - CRI 90 - DALI						
17W	1800	19,7W	576	WW	Q179	43-47
3000K - CRI 90 - DALI						
17W	1600	19,7W	512	WW	Q180	43-47
2700K - CRI 90 - DALI						
17W	1500	19,7W	480	WW	Q181	43-47
Complete with power supply						



Power supply	code	colour
Power supply On-Off 36W	MZ85	00
Power supply DALI 37W	MZ86	00

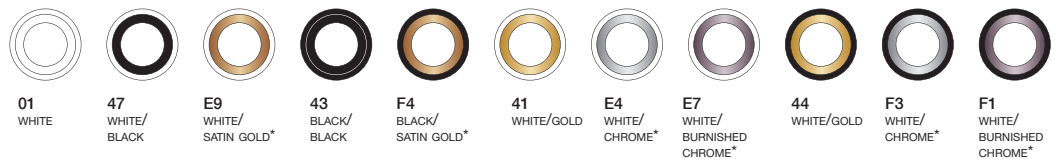
Laser Ceiling



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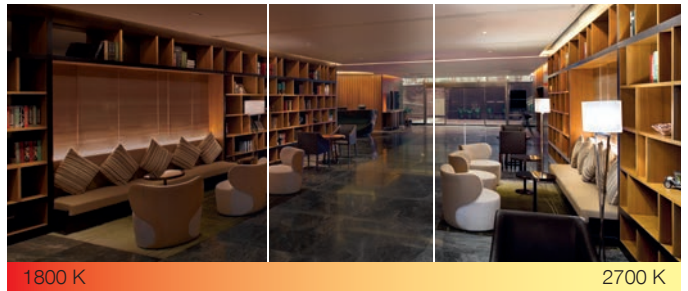
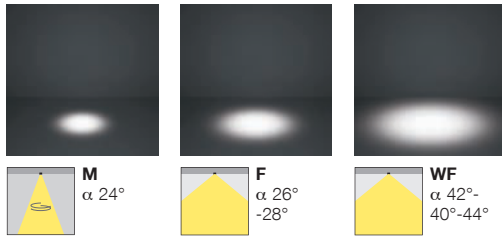


- Devices for ceiling installation
- Lighting body in painted aluminium
- Optional ceiling mount kit, to be combined with the body using a bayonet coupling system
- High Definition optical lenses in metallic-finish thermoplastic material
- Super Comfort (UGR <10) or decorative versions with transparent acrylic glass terminal
- Built-in driver
- IP43
- Class I



* available on request

Optics



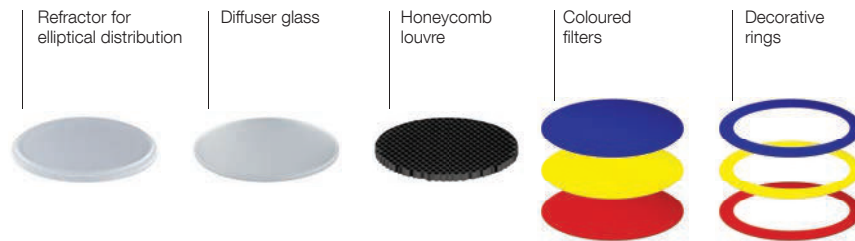
Warm dimming

Halogen functionality with LED technology. When luminous intensity drops to 5%, colour temperature

warms up slowly from 2700K to 1800K using only one control channel.

Accessories

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects. The combination of filters allows the chromatic characteristics of the source to be modified in order to enhance illuminated objects or settings.

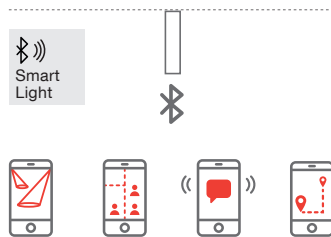


BLE-DALI Interface

Smart device using the Bluetooth Low Energy protocol (integrated in the product) capable of activating management of lighting (smart light control) and the beacon (smart services: Space Management Push notification and Indoor Navigation).

Finishes

Laser is light as decor. It may blend into the setting or, on the contrary, itself become an item of décor. A vast series of aesthetical options with different interior and exterior colour finishes for choosing with style



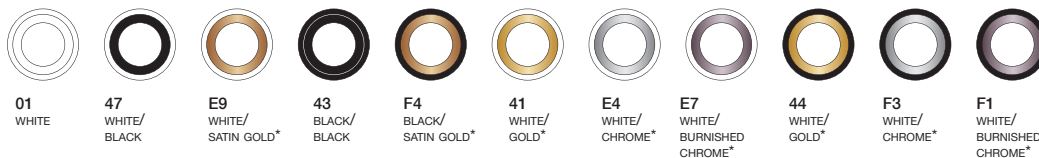
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source	system		optic	code	colour
	W	lm			
LED					
3000K - CRI 90					
11W	990	11,7W	703	24°	Q999 01-43-47
11W	990	11,7W	762	42°	QA01 01-43-47
2700K - CRI 90					
11W	940	11,7W	667	24°	Q997 01-43-47
11W	940	11,7W	724	42°	Q998 01-43-47
3000K - CRI 90 - DALI					
11W	990	12,2W	703	24°	QA04 01-43-47
11W	990	12,2W	762	42°	QA05 01-43-47

Complete with power supply

source	system		optic	code	colour
	W	lm			
LED					
2700K - CRI 90 - DALI					
11W	940	12,2W	667	24°	QA02 01-43-47
11W	940	12,2W	724	42°	QA03 01-43-47
3000K - CRI 90 - Phase-cut					
11W	990	12W	703	24°	QI47 01-43-47
11W	990	12W	762	42°	QI48 01-43-47
2700K - CRI 90 - Phase-cut					
11W	940	12W	667	24°	QI45 01-43-47
11W	940	12W	724	42°	QI46 01-43-47

Complete with power supply



source		system		optic	code	colour
W	lm	W	lm			
Ø 59 - Decorative ring version						
LED						
3000K - CRI 90						
11W	990	11,7W	663	24°	QA08	43-47
11W	990	11,7W	703	38°	QA09	43-47
2700K - CRI 90						
11W	940	11,7W	630	24°	QA06	43-47
11W	940	11,7W	667	38°	QA07	43-47
3000K - CRI 90 - DALI						
11W	990	12,2W	663	24°	QA12	43-47
11W	990	12,2W	703	38°	QA13	43-47



Complete with power supply



source		system		optic	code	colour
W	lm	W	lm			
Ø 59 - Decorative ring version						
LED						
2700K - CRI 90 - DALI						
11W	940	12,2W	630	24°	QA10	43-47
11W	940	12,2W	667	38°	QA11	43-47
3000K - CRI 90 - Phase-cut						
11W	990	12W	663	24°	QI51	43-47
11W	990	12W	703	38°	QI52	43-47
2700K - CRI 90 - Phase-cut						
11W	940	12W	630	24°	QI49	43-47
11W	940	12W	667	38°	QI50	43-47



Complete with power supply



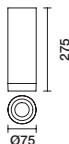
source		system		optic	code	colour
W	lm	W	lm			
Ø 75						
LED						
3000K - CRI 90						
14W	1650	15,6W	1403	26°	QA16	01-43-47
14W	1650	15,6W	1386	44°	QA17	01-43-47
2700K - CRI 90						
14W	1550	15,6W	1318	26°	QA14	01-43-47
14W	1550	15,6W	1302	44°	QA15	01-43-47
3000K - CRI 90 - DALI						
14W	1650	15,8W	1403	26°	QA20	01-43-47
14W	1650	15,8W	1386	44°	QA21	01-43-47
2700K - CRI 90 - DALI						
14W	1550	15,8W	1318	26°	QA18	01-43-47
14W	1550	15,8W	1302	44°	QA19	01-43-47
3000K - CRI 90 - Bluetooth Low Energy (BLE)						
14W	1650	16,8W	1403	26°	QA36	01-43-47
14W	1650	16,8W	1386	44°	QA37	01-43-47
2700K - CRI 90 - Bluetooth Low Energy (BLE)						
14W	1550	16,8W	1318	26°	QA34	01-43-47
14W	1550	16,8W	1302	44°	QA35	01-43-47
3000K - CRI 90 - Phase-cut						
12W	1450	13,9W	1233	26°	QI55	01-43-47
12W	1450	13,9W	1218	44°	QI56	01-43-47
2700K - CRI 90 - Phase-cut						
12W	1400	13,9W	1190	26°	QI53	01-43-47
12W	1400	13,9W	1176	44°	QI54	01-43-47
Warm Dimming - CRI 90 - DALI						
14W	840	15,5W	722	28° / 30°	QA22	01-43-47
14W	840	15,5W	714	44° / 46°	QA23	01-43-47
Warm Dimming - CRI 90 - Bluetooth Low Energy (BLE)						
14W	840	16,6W	722	28° / 30°	QA38	01-43-47
14W	840	16,6W	714	44° / 46°	QA39	01-43-47






Complete with power supply















source		system		optic	code	colour
W	lm	W	lm			
Ø 75 - Decorative ring version						
LED						
3000K - CRI 90						
14W	1650	15,6W	1337	28°	QA26	43-47
14W	1650	15,6W	1337	42°	QA27	43-47
2700K - CRI 90						
14W	1550	15,6W	1256	28°	QA24	43-47
14W	1550	15,6W	1256	42°	QA25	43-47
3000K - CRI 90 - DALI						
14W	1650	15,8W	1337	28°	QA30	43-47
14W	1650	15,8W	1337	42°	QA31	43-47
2700K - CRI 90 - DALI						
14W	1550	15,8W	1256	28°	QA28	43-47
14W	1550	15,8W	1256	42°	QA29	43-47
3000K - CRI 90 - Bluetooth Low Energy (BLE)						
14W	1650	16,8W	1337	28°	QA42	43-47
14W	1650	16,8W	1337	42°	QA43	43-47
2700K - CRI 90 - Bluetooth Low Energy (BLE)						
14W	1550	16,8W	1256	28°	QA40	43-47
14W	1550	16,8W	1256	42°	QA41	43-47
3000K - CRI 90 - Phase-cut						
12W	1450	13,9W	1175	28°	QI59	43-47
12W	1450	13,9W	1175	42°	QI60	43-47
2700K - CRI 90 - Phase-cut						
12W	1400	13,9W	1134	28°	QI57	43-47
12W	1400	13,9W	1134	42°	QI58	43-47
Warm Dimming - CRI 90 - DALI						
14W	840	15,5W	664	30°	QA32	43-47
14W	840	15,5W	680	44° / 42°	QA33	43-47
Warm Dimming - CRI 90 - Bluetooth Low Energy (BLE)						
14W	840	16,6W	664	30°	QA44	43-47
14W	840	16,6W	680	44° / 42°	QA45	43-47



Complete with power supply

				
	code	colour	code	colour
 Decorative rings	MY15	05-06-16	MY26	05-06-16

				
	code	colour	code	colour
 Honeycomb louvre	PA63	04	MY22	04
 diffuser glass	MY12	65	---	---
 Diffuser glass	---	---	PA65	65
 Refractor for elliptical distribution	MY13	24	---	---
medium	---	---	MY24	24
 Coloured filters	---	---	MY25	05-06-16
 Coloured filters	PA64	05-06-16	---	---

				
	code	colour	code	colour
 Ceiling mounting attachment	MZ87	01-04	MZ88	01-04
 Base kit with suspension cable				
for versions with DALI	PA07	01-04	PA08	01-04
for electronic versions and Bluetooth versions	MZ89	01-04	PA06	01-04

Easy

Ceiling / Pendant



ø 96



ø 153



ø 212



ø 153
UGR<19



ø 212
UGR<19



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- Devices for ceiling and pendant installation
- Pendant installation requires a special kit to be ordered separately
- Body of luminaire in painted aluminium
- Reflector in metallic-finish thermoplastic material
- General lighting versions

- UGR versions <19 L < 3000 cd/m²
- Wiring envisaged: On-Off - DALI -
- With inverter for Emergency lighting
- IP43 (Ceiling installation)
- IP40 (Pendant installation)



39
WHITE/
ALUMINIUM



40
BLACK/
ALUMINIUM

Finishes



white / aluminium



black / aluminium

**Application
pendant**
(base strip to
be ordered
separately)



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new
available



source		system		optic	code	colour
W	lm	W	lm			
Ø 153 - UGR<19						

LED

4000K - CRI 80 - DALI						
15W	2500	16,9W	2150	UGR	QU35	39-40
21W	3400	24,5W	2924	UGR	QU41	39-40

4000K - CRI 90 - DALI						
15W	2100	16,9W	1806	UGR	QU36	39-40
21W	2900	24,5W	2494	UGR	QU42	39-40

3000K - CRI 80 - DALI						
15W	2400	16,9W	2064	UGR	QU32	39-40
21W	3350	24,5W	2881	UGR	QU38	39-40

3000K - CRI 90 - DALI						
15W	2100	16,9W	1806	UGR	QU33	39-40
21W	2850	24,5W	2451	UGR	QU39	39-40

4000K - CRI 80 - On/off						
15W	2500	16,7W	2150	UGR	QU34	39-40
21W	3400	23,9W	2924	UGR	QU40	39-40

3000K - CRI 80 - On/off						
15W	2400	16,7W	2064	UGR	QU31	39-40
21W	3350	23,9W	2881	UGR	QU37	39-40

Complete with power supply



source		system		optic	code	colour
W	lm	W	lm			
Ø 212 - UGR<19						

LED

4000K - CRI 80 - DALI						
22W	3450	25,3W	2898	UGR	QU60	39-40
32W	4900	36,7W	4116	UGR	QU66	39-40

4000K - CRI 90 - DALI						
22W	2950	25,3W	2478	UGR	QU61	39-40
32W	4150	36,7W	3486	UGR	QU67	39-40

3000K - CRI 80 - DALI						
22W	3350	25,3W	2814	UGR	QU57	39-40
32W	4750	36,7W	3990	UGR	QU63	39-40

3000K - CRI 90 - DALI						
22W	2900	25,3W	2436	UGR	QU58	39-40
32W	4100	36,7W	3444	UGR	QU64	39-40

4000K - CRI 80 - On/off						
23W	3600	26,3W	3024	UGR	QU59	39-40
32W	4900	36,5W	4116	UGR	QU65	39-40

3000K - CRI 80 - On/off						
23W	3500	26,3W	2940	UGR	QU56	39-40
32W	4750	36,5W	3990	UGR	QU62	39-40

Complete with power supply

Ø 212 - UGR<19 - emergency light

LED

4000K - CRI 80 - On/off						
23W	3600	31,2W	3024	UGR	QU70	39-40

4000K - CRI 90 - On/off						
23W	3050	31,2W	2562	UGR	QU71	39-40

3000K - CRI 80 - On/off						
23W	3500	31,2W	2940	UGR	QU68	39-40

3000K - CRI 90 - On/off						
23W	3000	31,2W	2520	UGR	QU69	39-40

Complete with power supply with inverter

Easy Ceiling / Pendant



39
WHITE/
ALUMINIUM

40
BLACK/
ALUMINIUM

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new
available



source		system		optic	code colour
W	lm	W	lm		
Ø 96 - General light					
LED					
4000K - CRI 80 - DALI					
11W	1800	13,2W	1530	GL	QU20 39-40
3000K - CRI 80 - DALI					
11W	1750	13,2W	1488	GL	QU18 39-40
3000K - CRI 90 - DALI					
11W	1500	13,2W	1275	GL	QU19 39-40
4000K - CRI 80 - On/off					
11W	1800	12,9W	1530	GL	QU17 39-40
3000K - CRI 80 - On/off					
11W	1750	12,9W	1488	GL	QU16 39-40

Complete with power supply



source		system		optic	code colour
W	lm	W	lm		
Ø 153 - General light					
LED					
4000K - CRI 80 - DALI					
15W	2350	17W	2115	GL	QU25 39-40
22W	3250	24,5W	2925	GL	QU30 39-40
3000K - CRI 80 - DALI					
15W	2300	17W	2070	GL	QU22 39-40
22W	3150	24,5W	2835	GL	QU27 39-40
3000K - CRI 90 - DALI					
15W	2000	17W	1800	GL	QU23 39-40
22W	2700	24,5W	2430	GL	QU28 39-40
4000K - CRI 80 - On/off					
15W	2350	16,8W	2115	GL	QU24 39-40
22W	3250	24,3W	2925	GL	QU29 39-40
3000K - CRI 80 - On/off					
15W	2300	16,8W	2070	GL	QU21 39-40
22W	3150	24,3W	2835	GL	QU26 39-40

Complete with power supply



source		system		optic	code colour
W	lm	W	lm		
Ø 212 - General light					
LED					
4000K - CRI 80 - DALI					
22W	3450	25,3W	3105	GL	QU47 39-40
32W	4900	36,7W	4410	GL	QU52 39-40
3000K - CRI 80 - DALI					
22W	3350	25,3W	3015	GL	QU44 39-40
32W	4750	36,7W	4275	GL	QU49 39-40
3000K - CRI 90 - DALI					
22W	2900	25,3W	2610	GL	QU45 39-40
32W	4100	36,7W	3690	GL	QU50 39-40
4000K - CRI 80 - On/off					
23W	3600	26,3W	3240	GL	QU46 39-40
32W	4900	36,5W	4410	GL	QU51 39-40
3000K - CRI 80 - On/off					
23W	3500	26,3W	3150	GL	QU43 39-40
32W	4750	36,5W	4275	GL	QU48 39-40

Complete with power supply

Ø 212 - General light - emergency light					
LED					
4000K - CRI 80 - On/off					
23W	3600	31,2W	3240	GL	QU55 39-40
3000K - CRI 80 - On/off					
23W	3500	31,2W	3150	GL	QU53 39-40
3000K - CRI 90 - On/off					
23W	3000	31,2W	2700	GL	QU54 39-40

Complete with power supply with inverter



ø96



ø153



ø212

Mounting accessories



Cable and base plate kit for pendant installation with power supply cable L=2000

	code	colour	code	colour	code	colour
for versions with DALI	PA94	01-04	PA96	01-04	PA96	01-04
for versions with inverter	---	---	---	---	PA97	01-04
for electronic versions	PA93	01-04	PA95	01-04	PA95	01-04



**St Ives Carine Retirement Village
– St Ives Carine, Australia**
Architectural Project: Hassell Studio
Photo: Ron Tan



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- Luminaire for diffused light.
- Ceiling, suspended and downlight installation.
- Die-cast aluminium body; thick, transparent pressed glass with an internal satin finish.
- High level of light output.

Applications



ceiling-mounted



semi-recessed



pendant



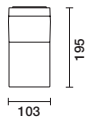
01
WHITE

15
GREY

65
NITRIC



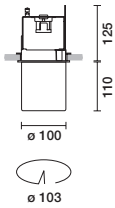
source		system		code colour
W	lm	W	lm	
Ceiling				
LED				
2700K - CRI 80				
9,7W	850	9,7W	663	MQ98 01-15



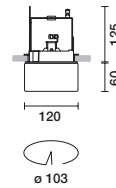
source		system		code colour
W	lm	W	lm	
Ceiling				
LED				
2700K - CRI 80				
9,7W	850	9,7W	689	MQ97 01-15



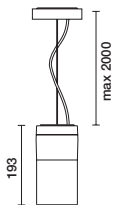
source		system		code colour
W	lm	W	lm	
Recessed				
LED				
2700K - CRI 80				
9,7W	850	9,7W	663	MR00 65
Class of Insulation II				



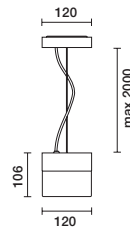
source		system		code colour
W	lm	W	lm	
Recessed				
LED				
2700K - CRI 80				
9,7W	850	9,7W	689	MQ99 65
Class of Insulation II				



source		system		code colour
W	lm	W	lm	
Pendant				
LED				
2700K - CRI 80				
9,7W	850	9,7W	663	MQ96 01-15
Complete with suspension cables and power cable				



source		system		code colour
W	lm	W	lm	
Pendant				
LED				
2700K - CRI 80				
9,7W	850	9,7W	689	MQ95 01-15
Complete with suspension cables and power cable				





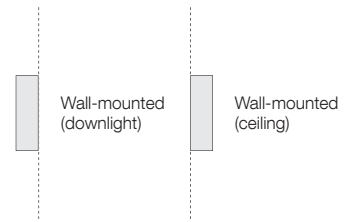
IL FRANCISCANISMO
FRANCISCAN SUBJECTS



Motus

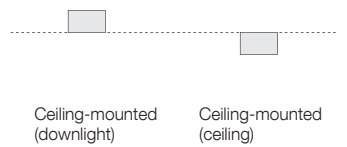
NEW Motus

page 456



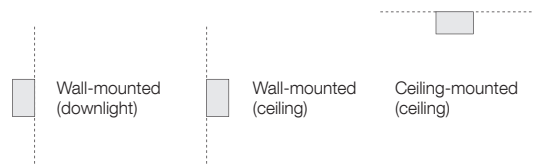
NEW Motus Escape / Antipanic

page 458



Motus Pictogram

page 460





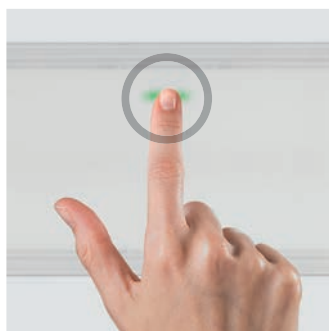
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NEW



IP65

- Emergency light with LED source and opal finish screen.
- Installation directly on the surface or with side frame (supplied) ensuring uniform aesthetics for the body.
- Semi-recessed installation with accessory wall box.
- Screen and housing in self-extinguishing polycarbonate.
- Advanced battery recharge system and optimal LED piloting.
- Latest generation LiFePO4 (lithium ferrophosphate) battery ensuring excellent reliability at high temperatures, longer life and lower environmental impact.
- Versions with high and low luminous flux and autonomy 1.5 or 3 h, recharge in 12 h.
- Automatic self-test at regular intervals with luminous feedback thanks to multi-colour LEDs on the screen.
- Local verification of lamp function by tapping the top of the screen.
- Optional accessories: control unit for devices with centralised testing and signalling. Inhibit function



Status LED with button to call a local test



Wall installation with frame included



Installation on wall without frame



Downlight installation

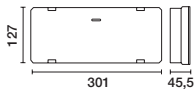


01
WHITE



source		system					
W	lm	W	lm	auton.	recharge	code	colour
Recessed - Wall/Ceiling - Emergency lighting - 1.5h autonomy / 12h Recharge							
LED							
6000K - CRI 70							
-	-	-	314	1,5h	12h	QY40	01
-	-	-	590	1,5h	12h	QY41	01

Complete with driver and battery unit



Recessed - Wall/Ceiling - Emergency lighting - 3 hr autonomy							
LED							
6000K - CRI 70							
-	-	-	259	3h	12h	QY42	01
-	-	-	356	3h	12h	QY43	01

Driver and battery included



**Palazzo Albizzini Foundation
Burri Collection - Perugia, Italy**
Architectural project: Alberto
Zanmatti, Tiziano Sarteanesi
Photo: Luca Petrucci

Motus

Escape / Anti-panic



Downlight
ø 90



Ceiling-mounted
175x176



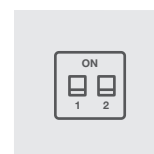
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- Independent emergency luminaire available as downlight and ceiling versions.
- Escape route optics at 21 m distance intervals; anti-panic optics (open area) for coverage up to 9 m.
- IP42 circular downlight version with springs for thicknesses of 1-30 mm, complete with battery unit and driver. Local testing button on the front.
- Square, ceiling-mounted IP65 version with built-in driver and battery unit.
- Screen and housing in self-extinguishing polycarbonate.
- Advanced battery recharge system and optimal LED piloting.
- Latest generation LiFePO4 (lithium ferrophosphate) battery ensuring excellent reliability at high temperatures, longer life and lower environmental impact.
- All versions provide 3h autonomy with 12h recharge.
- Maintained and non-maintained mode selected using dip-switches or external wiring. 100% or 50% power selected by dip-switches.
- Automatic self-test at regular intervals with luminous feedback thanks to multi-colour LEDs on the front panel.
- Local verification of lamp function using a standard Laser pointer operating on ground level.
- Optional accessories: control unit for devices with centralised testing and signalling. Inhibit function



High reliability
LiFePO4 battery



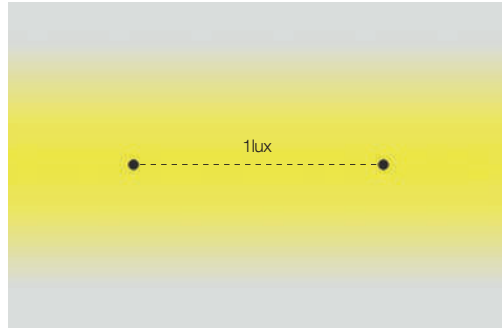
Dip-switches for maintained and non-maintained operation and 100% - 50% power selection.



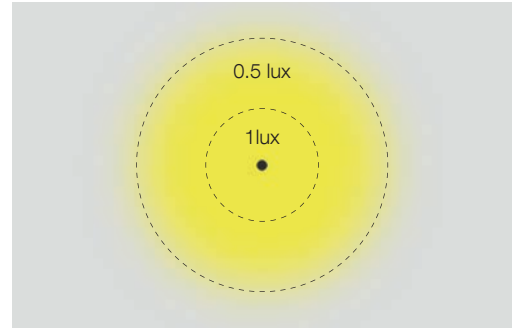
01
WHITE



Local tests can be activated using a standard remote laser pointer to facilitate maintenance operations



Motus Escape:
asymmetric lens for minimum illumination
1 lux - 21 m.
Installation at height of 3 m

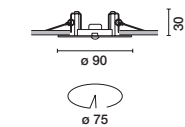


Motus Anti-panic (open area):
symmetrical lens for minimum illumination
1 lux - 6.5 m / 0,5 lux - 9 m.
Installation at height of 3 m

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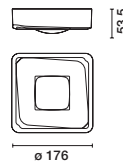
new
available from April

Motus escape



source		system		auton.	recharge	code	colour
W	lm	W	lm				
Recessed - Elliptical optic for escape routes lighting (escape route) - Autonomy 3h / Recharge 12h							
LED							
5000K - CRI 80							
-	-	3,5W	200	3h	12h	E178	01

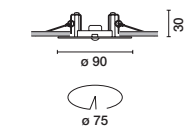
Complete with driver and battery unit



source		system		auton.	recharge	code	colour
W	lm	W	lm				
Ceiling - Elliptical optic for escape routes lighting (escape route) - Autonomy 3h / Recharge 12h							
LED							
5000K - CRI 80							
-	-	3,5W	200	3h	12h	QY38	01

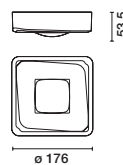
Complete with driver and battery unit

Motus antipanic



source		system		auton.	recharge	code	colour
W	lm	W	lm				
Recessed - Optic for antipanic lighting (open area) - Autonomy 3h / Recharge 12h							
LED							
5000K - CRI 80							
-	-	3,5W	220	3h	12h	E179	01

Complete with driver and battery unit



source		system		auton.	recharge	code	colour
W	lm	W	lm				
Ceiling - Optic for antipanic lighting (open area) - Autonomy 3h / Recharge 12h							
LED							
5000K - CRI 80							
-	-	3,5W	220	3h	12h	QY39	01

Complete with driver and battery unit

Motus Pictogram



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- Safety signal with LED source.
- Lamp body in painted steel.
- Transparent PMMA screens with signal pictograms (L22 design).
- Signal visibility distance 25 m in compliance with NI EN 1838 regulations.
- Ceiling, downlight, wall and flag mount installation.

- Ni-Cd Battery; autonomy: 3 hours.
- Maintained operation (always on)
- Self-test or centralized test variants.
- Accessories: control system for luminaires with centralized test; remote control for inhibiting luminaires with auto-test.



Indicator luminaire with Neutral White LED lamp, visible from a distance of 25 meters (EN1838), life 70,000 hours.

Applications

Motus LED can be applied in different installation modes.

downlight



ceiling-mounted



Cantilever
mount on walls



wall-mounted



Signalling



Compliant
with European
standards
EN 1838

Emergency Operation SA

The system is always ON in order to indicate directions, emergency exits.

Rest mode

Available for all versions, allowing the system to be disabled for short periods. The emergency system is reactivated with remote control code MXT0 (versions with auto-test) or with control system code MXS9 (versions with centralized test).

Inhibition mode

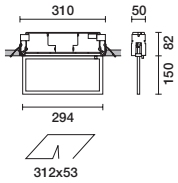
Available for all versions with centralized test, allowing the system to be disabled for long periods of inactivity. The emergency system is reactivated with control system code MXS9.



01
WHITE



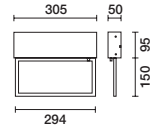
source		system							
W	lm	W	lm	auton.	recharge	code	colour		
Recessed - Always-on (SA) with emergency signalling Auto-Test									
LED									
4000K - CRI 80									
1W	35	-	-	3h	24h	MU31	01		



source		system							
W	lm	W	lm	auton.	recharge	code	colour		
Recessed - Always-on (SA) with emergency signalling Centralized test									
LED									
4000K - CRI 80									
1W	35	-	-	3h	24h	MU32	01		



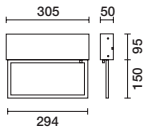
source		system							
W	lm	W	lm	auton.	recharge	code	colour		
Ceiling-mounted - Always-on (SA) with emergency signalling Auto-Test									
LED									
4000K - CRI 80									
1W	35	-	-	3h	24h	MU33	01		



source		system							
W	lm	W	lm	auton.	recharge	code	colour		
Ceiling-mounted - Always-on (SA) with emergency signalling Centralized test									
LED									
4000K - CRI 80									
1W	35	-	-	3h	24h	MU34	01		



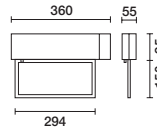
source		system							
W	lm	W	lm	auton.	recharge	code	colour		
Wall-mounted - Always-on (SA) with emergency signalling Auto-Test									
LED									
4000K - CRI 80									
1W	35	-	-	3h	24h	MU35	01		



source		system							
W	lm	W	lm	auton.	recharge	code	colour		
Wall-mounted - Always-on (SA) with emergency signalling Centralized test									
LED									
4000K - CRI 80									
1W	35	-	-	3h	24h	MU36	01		



source		system							
W	lm	W	lm	auton.	recharge	code	colour		
Wall-mounted, cantilever style - Always-on (SA) with emergency signalling Auto-Test									
LED									
4000K - CRI 80									
1W	35	-	-	3h	24h	MU37	01		



source		system							
W	lm	W	lm	auton.	recharge	code	colour		
Wall-mounted, cantilever style - Always-on (SA) with emergency signalling Centralized test									
LED									
4000K - CRI 80									
1W	35	-	-	3h	24h	MU38	01		

The codes refer to the installation system. Indicator screens to be ordered separately.

Interfaces & remote units

code	colour

Inhibition comand for products with Auto-test

max 100 operable appliances
network absorption 0.5VA
Allows to carry out: test synchronisation, immediate functional test. inhibition



Control System for products with centralised test

230V-50Hz
Internal rechargeable battery (24h charge)
2VA Absorption
1 exit line
max 100 connectable appliances
allows to carry out: 1) manual test from keyboard 2) scheduled automatic tests

Decorative accessories

code	colour

Screen with pictogram 1 side - right arrow

Screen with pictogram 1 side - downward arrow

Screen with pictogram 1 side - left arrow

Screen with pictogram 2 sides - right/left arrow

Screen with pictogram 2 sides - downward arrow



h 80



h 125



h 125



ø 264



ø 426



ø 530



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IP40



- Luminaires especially suited for general lighting with diffused and comfortable light emission
- Ceiling and wall-mount installation
- Mounting plate with LED group in painted sheet steel

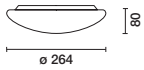
- Thermoplastic diffuser
- Manual diffuser lock system with rotating springs



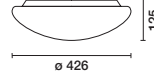
01
WHITE



source		system		code	colour
W	lm	W	lm		
LED					
4000K - CRI 80					
12W	1950	14W	1482	QN48	01
3000K - CRI 80					
12W	1800	14W	1368	QN49	01
4000K - CRI 80 - DALI					
11W	1900	14,3W	1444	QN50	01
3000K - CRI 80 - DALI					
11W	1750	14,3W	1330	QN51	01



source		system		code	colour
W	lm	W	lm		
LED					
4000K - CRI 80					
17W	2600	18,2W	1976	5030	01
3000K - CRI 80					
17W	2600	18,2W	1976	5031	01
4000K - CRI 80 - DALI					
16W	2700	18,8W	2106	QN52	01
3000K - CRI 80 - DALI					
16W	2500	18,8W	1950	QN53	01



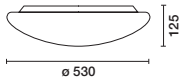
emergency light

LED					
4000K - CRI 80					
15W	2600	21,4W	2028	QN54	01
3000K - CRI 80					
15W	2450	21,4W	1911	QN55	01

Complete with power supply with inverter



source		system		code	colour
W	lm	W	lm		
LED					
4000K - CRI 80					
27W	4650	31,5W	3627	QN56	01
3000K - CRI 80					
27W	4300	31,5W	3354	QN57	01
4000K - CRI 80 - DALI					
27W	4600	31,5W	3588	QN58	01
3000K - CRI 80 - DALI					
27W	4300	31,5W	3354	QN59	01



High Output

LED					
4000K - CRI 80					
38W	6500	43,8W	5135	QN60	01
3000K - CRI 80					
38W	6050	43,8W	4780	QN61	01
4000K - CRI 80 - DALI					
38W	6500	43,5W	5135	QN62	01
3000K - CRI 80 - DALI					
38W	6050	43,5W	4780	QN63	01

emergency light

LED					
4000K - CRI 80					
27W	4650	33,5W	3627	QN64	01
3000K - CRI 80					
27W	4350	33,5W	3393	QN65	01

Complete with power supply with inverter



Underscore



Underscore 6
page 466



Frame downlight



Minimal
downlight



External angle
90°



Internal angle
90°



Single up or
down installation



Double up and
down installation



Underscore 15
page 470



Perimeter



Surface



Frame downlight



Minimal
downlight



Angular



Underscore 18
page 470



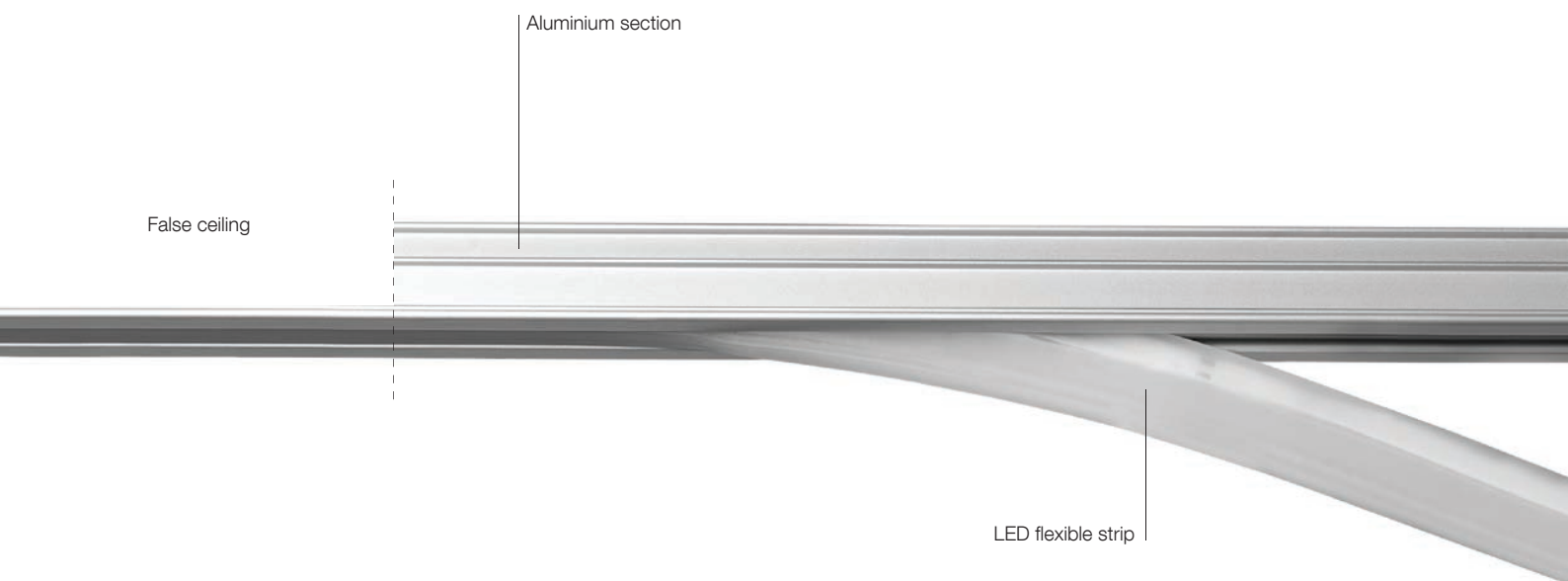
Perimeter



Surface



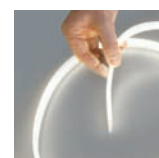
Minimal
downlight



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- Flexible strip for linear lighting with monochromatic LEDs, characterized by very compact dimensions (6 mm).
- Protective covering in thermally-dissipative silicone elastomer with diffusing finish.
- It can be sectioned at pre-set intervals. The non-sectioned strips (full length) have IP65 protection class; the ends of circuits are fitted with IP20 end cables, therefore the installer is responsible for completing insulation operations.
- The values specifying colour temperature of the white LEDs are indicative and subject to variation.
- The strip is specifically intended for use with innovative aluminium frames designed to create extremely thin lines of light and striking illumination effects.
- Downlight frame and minimal linear frames for internal angles or edges and for surface applications.



Compact dimensions

K colour temperature

Underscore is available in three colour temperatures: warm, neutral and cool. Every requirement is matched by the most suitable lighting design solution.



Warm white 3000K



Neutral white 4000K

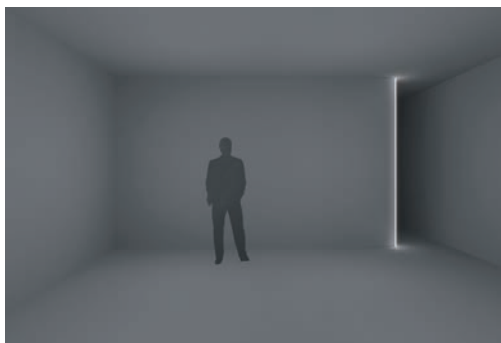


Cool white 6000K

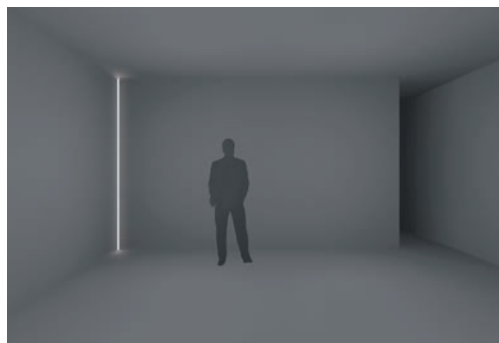


01
WHITE

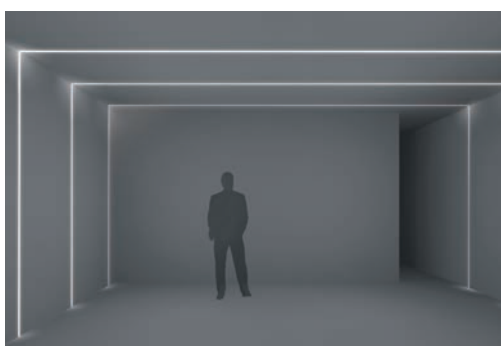
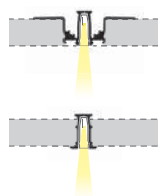
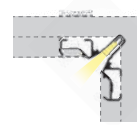
Installations



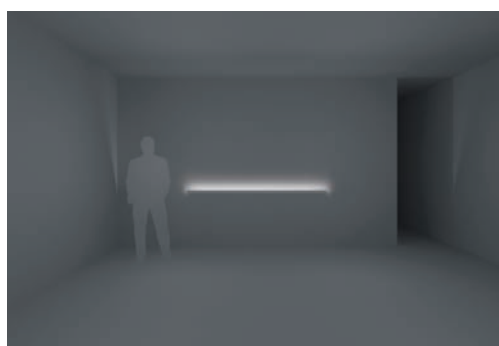
90° outer angular



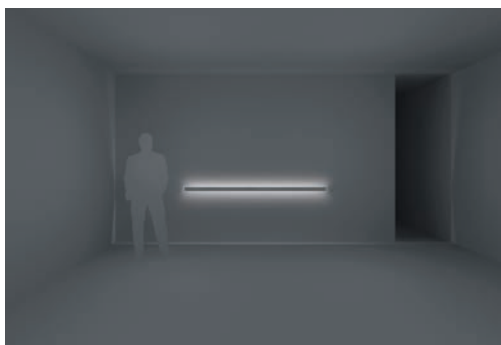
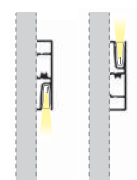
90° inner angular



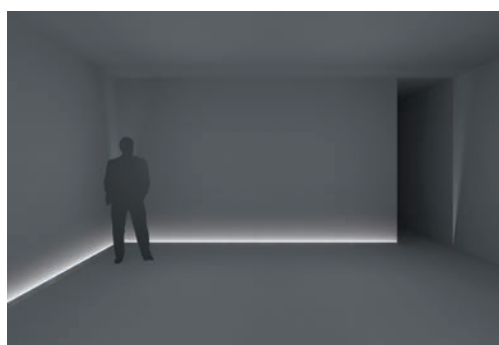
Minimal / frame downlight



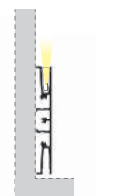
Up or down



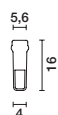
Up and down



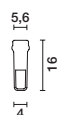
Baseboard up



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source		system		code	colour
W	lm	W	lm		
Ledstrip - 24V					
LED					
6000K - CRI 80					
9,2W	220	9,2W	220	MT97	01
4000K - CRI 80					
9,2W	210	9,2W	210	MT95	01
The W and lm values relate to 1 metre length. 120 LED/m. Sections can be split every 50 mm. The flux and colour temperature values are subject to minor changes according to the profile used.					



source		system		code	colour
W	lm	W	lm		
Ledstrip - 24V					
LED					
3000K - CRI 80					
9,2W	200	9,2W	200	MT96	01
The W and lm values relate to 1 metre length. 120 LED/m. Sections can be split every 50 mm. The flux and colour temperature values are subject to minor changes according to the profile used.					

For Class III products, certifications, safety and performances are only assured when the electronic power supply units and drivers indicated in the catalogue are used.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

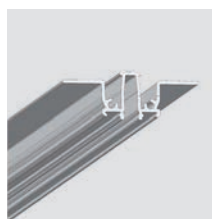
iguzzini.com/code 467



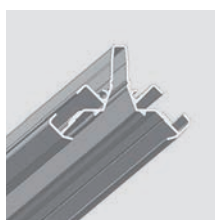
frames



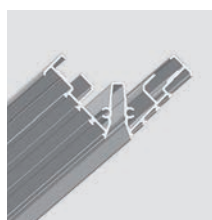
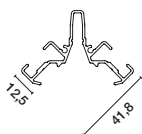
length	code colour
Frame recessed linear profile	
Module	
1000	MXR1 01-12
2000	MXR2 01-12



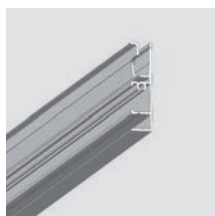
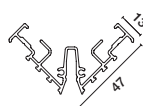
length	code colour
Minimal recessed linear profile	
Module	
2000	MXR3 01



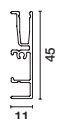
length	code colour
Inner angular profile	
Module	
3000	MXR5 01



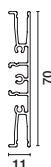
length	code colour
90° outer angular profile	
Module	
3000	MXR4 01



length	code colour
Single linear surface profile	
Module	
2000	MXR6 01-12

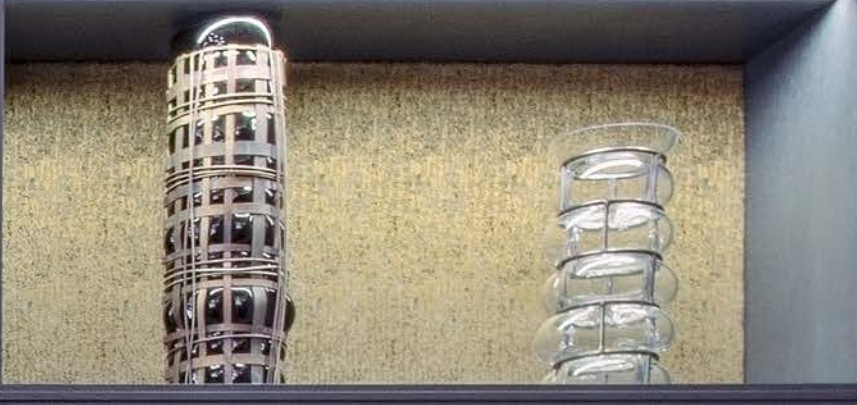


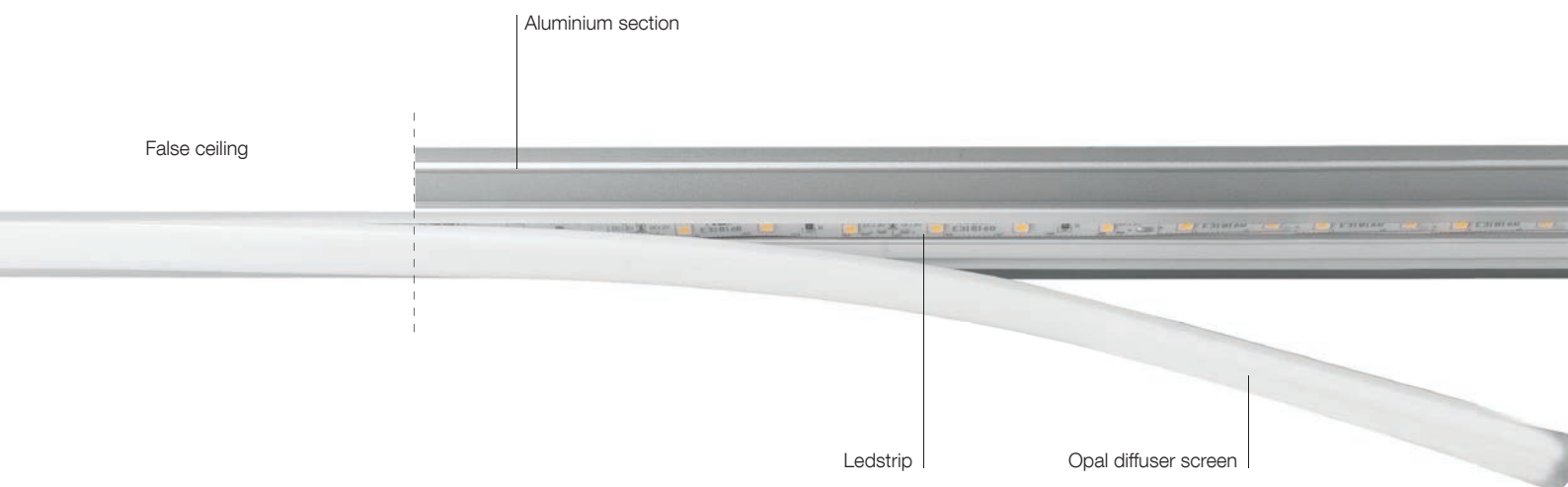
length	code colour
Double linear surface profile	
Module	
2000	MXR7 01-12



Mounting accessories	code	colour
Securing clip for linear profiles 5 units	MXM4	00
Ends for 90° outer angular profile 4 units	MXS0	01
Ends for 90° inner angular profile 4 units	MXS1	01
Ends for linear profile double surface 2 units	MXS3	01-15

Mounting accessories	code	colour
Linear profile ends Frame flush-mount 2x5 units	MXR8	01-15
Linear profile ends Minimal flush-mount 4 units	MXR9	01
Ends for linear profile single surface 2 units	MXS2	01-15





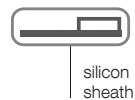
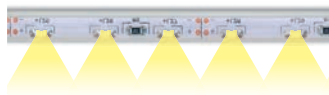
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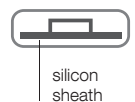
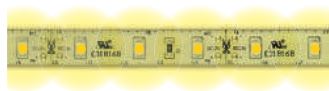
- Linear illumination with monochrome or RGB LEDs.
- Wall/ceiling mount installation.
- Can be sectioned at pre-set intervals depending on the version.
- Non-sectioned strips (full length) have IP65 protection class; circuit ends are fitted with IP20 end connectors, therefore the installer is responsible for completing connector insulation operations.
- The values specifying colour temperature of the white LEDs are indicative and subject to variation.
- When using the RGB Ledstrip in line, the white mix may be uneven.

Lighting effect

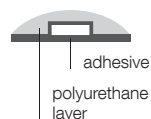
Ledstrip tube side



Ledstrip tube
 Ledstrip tube hi-power
 Ledstrip
 Ledstrip hi-power



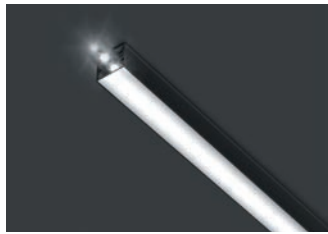
Ledstrip tube
 Ledstrip tube
 hi-power



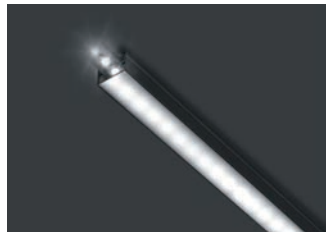
Ledstrip
 Ledstrip
 hi-power

High and Low frames

The linear frames are available in two versions: High for better diffuser uniformity; Low for higher light flux.

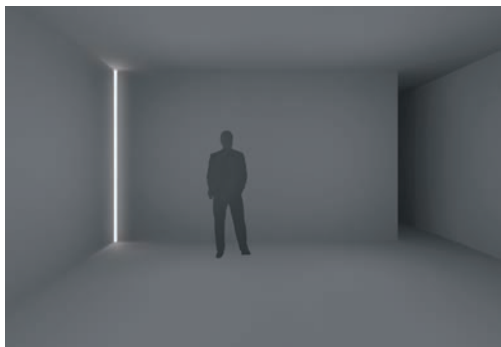
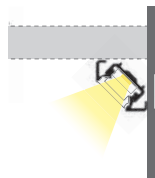


High: 21 mm high for the minimal version and 22 mm for the frame version.

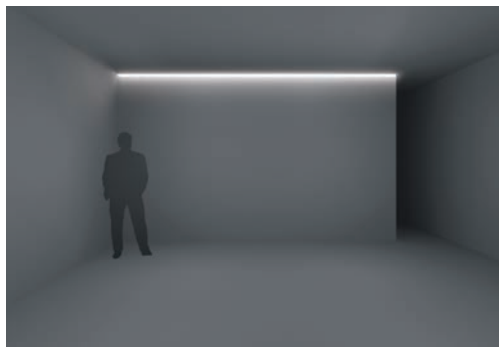


Low: 13.5mm high for the surface version and 14.5 mm for the frame version.

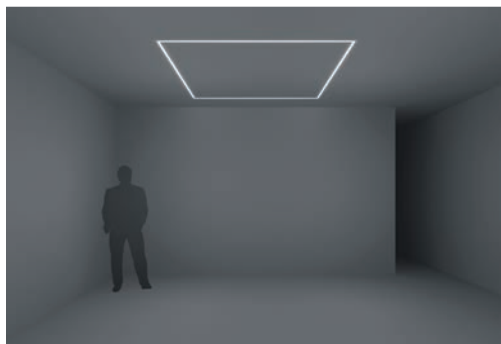
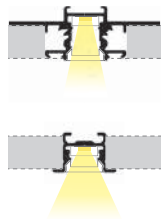
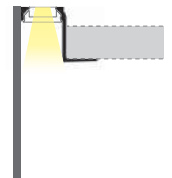
Installations



Angular



Perimeter



Minimal / Frame

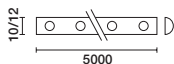


Surface





source		system		code	colour
W	lm	W	lm		
Ledstrip - 12V					
LED					
6000K - CRI 80					
4,8W	430	4,8W	430	M252	01
4000K - CRI 80					
4,8W	400	4,8W	400	M251	01
3000K - CRI 80					
4,8W	390	4,8W	390	M250	01
2700K - CRI 60					
4,8W	410	4,8W	410	M249	01



The W and lm values relate to 1 metre length.
Sections can be split every 50 mm.
2 strips connected in consecutive line.

Ledstrip - 12V - RGB

LED					
RGB					
3,1W	115	3,1W	115	M253	01

The W and lm values relate to 1 metre length.
Sections can be split every 125 mm.
When using the RGB Ledstrip in line the white mix may not be homogenous.
For use with profiles code MWG1 or with clips code MWG2.

Ledstrip Hi-power - 24V

LED					
6000K - CRI 80					
19,2W	1900	19,2W	1900	N177	01
4000K - CRI 80					
19,2W	1900	19,2W	1900	N176	01
3000K - CRI 80					
19,2W	1800	19,2W	1800	N175	01

Sections can be split every 125 mm

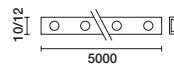
Ledstrip Hi-power - 24V

LED					
6000K - CRI 80					
14,4W	1120	14,4W	1120	MI61	01
4000K - CRI 80					
14,4W	1170	14,4W	1170	MI60	01
3000K - CRI 80					
14,4W	1140	14,4W	1140	MI59	01

The W and lm values relate to 1 metre length.
Sections can be split every 100 mm.



source		system		code	colour
W	lm	W	lm		
Ledstrip tube - 12V					
LED					
6000K - CRI 75					
4,8W	460	4,8W	460	M828	01
4000K - CRI 70					
4,8W	490	4,8W	490	M827	01
3000K - CRI 70					
4,8W	430	4,8W	430	M826	01
2400K - CRI 55					
4,8W	430	4,8W	430	M824	01



The W and lm values relate to 1 metre length.
Sections can be split every 50 mm.
2 strips connected in consecutive line.

Ledstrip - 12V - RGB

LED					
RGB					
3,1W	120	3,1W	120	M829	01

Sections can be split every 100 mm
2 strips connected in consecutive line.
When using the RGB Ledstrip in line the white mix may not be homogenous
For use with profiles code MWG1 or with clips code MWG2.

Ledstrip Tube hi-power - 12V

LED					
6000K - CRI 80					
9,6W	920	9,6W	920	ME35	01
4000K - CRI 80					
9,6W	980	9,6W	980	ME34	01
3000K - CRI 80					
9,6W	860	9,6W	860	ME33	01

The W and lm values relate to 1 metre length.
Sections can be split every 25 mm.

Ledstrip Tube hi-power - 24V

LED					
4000K - CRI 90					
14,4W	1260	14,4W	1260	N174	01
19,2W	1680	19,2W	1680	N179	01
3000K - CRI 90					
14,4W	1260	14,4W	1260	N173	01
19,2W	1680	19,2W	1680	N178	01
2700K - CRI 90					
14,4W	1260	14,4W	1260	N199	01
19,2W	1680	19,2W	1680	N203	01

Sections can be split every 125 mm

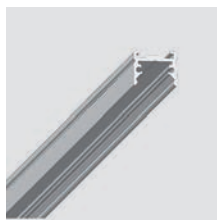


01
WHITE



12
ALUMINIUM

frames for monochrome Ledstrips



length	code colour
Frame recessed low linear profile	
Module	
1000	MXK6 01-12
2000	MXK7 01-12



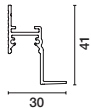
length	code colour
Surface low linear profile	
Module	
1000	MXK8 01-12
2000	MXK9 01-12



length	code colour
Frame recessed high linear profile	
Module	
1000	MXL0 01-12
2000	MXL1 01-12



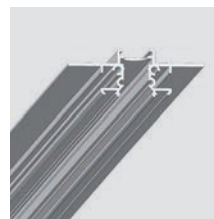
length	code colour
Perimetric profile	
Module	
2000	MXK5 00



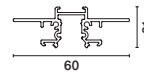
length	code colour
Angular profile	
Module	
1000	MXK3 01-12
2000	MXK4 01-12



length	code colour
Surface high linear profile	
Module	
1000	MXL2 01-12
2000	MXL3 01-12



length	code colour
Minimal recessed high linear profile	
Module	
2000	MXN8 00



length	code colour
Opal diffuser screen	
Module	
1000	MXM0 38
2000	MXM1 38

length	code colour
Translucid diffuser screen	
Module	
1000	MXM2 21
2000	MXM3 21



code colour
Kit of aluminium rigid channels
MWG1 12











5 pieces with 1 m. Ledstrip tube side cannot be installed with rigid channel.




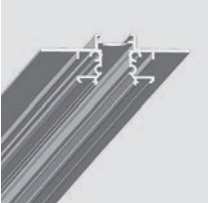

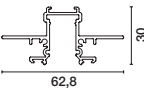
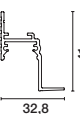



code colour
Fixing clips kit
Module
MWG2 01
10 pieces

01
WHITE12
ALUMINIUM

Monochrome Ledstrip frame accessories

Mounting accessories	code	colour	Mounting accessories	code	colour	Mounting accessories	code	colour
 Securing clip for angular profiles 5 units	MXM5	00	 High surface flush-mount linear profile ends	MXL9	01-15 For MXL2-MXL3	 Low frame flush-mount linear profile ends 2x5 units	MXL6	01-15 For MXK6-MXK7
 Securing clip for linear profiles 5 units	MXM4	00	 Linear high profile ends	MXL8	01-15 For MXL0-MXL1	 Ends for perimeter profile 2x5 units	MXL5	01
 Kit with springs for insertion into through-passing slots for linear profile 2 units	MXP6	00	 High linear profile ends for Minimal flush-mount 4 units	MXQ2	01			
 Ends for angular profile 10 units	MXL4	01-15	 Low surface flush-mount linear profile ends 2x5 units	MXL7	01-15 For MXK8-MXK9			

frames for RGB Ledstrips

	length	code	colour		length	code	colour
	Surface high linear profile				Minimal recessed high linear profile		
	Module				Module		
	2000	MXQ3	01-12		2000	MXQ4	00
							
	length	code	colour		length	code	colour
	Perimetric profile				Opal diffuser screen		
	Module				Module		
	2000	MXQ5	00		2000	MXQ9	38
							
					Module		
					2000	MXR0	21
			code colour				code colour
			Kit of aluminium rigid channels				Fixing clips kit
			MWG1				MWG2
			5 pieces with 1 m. Ledstrip tube side cannot be installed with rigid channel.				10 pieces

pages 476-477

The Retreat at Blue Lagoon - Grindavik, Iceland



Architectural Project: Basalt Architects

Interior design: Basalt Architects & Design Group Italia

Experience design: Design Group Italia

Lighting project: Liska / Photo: Gunnar Sverrisson

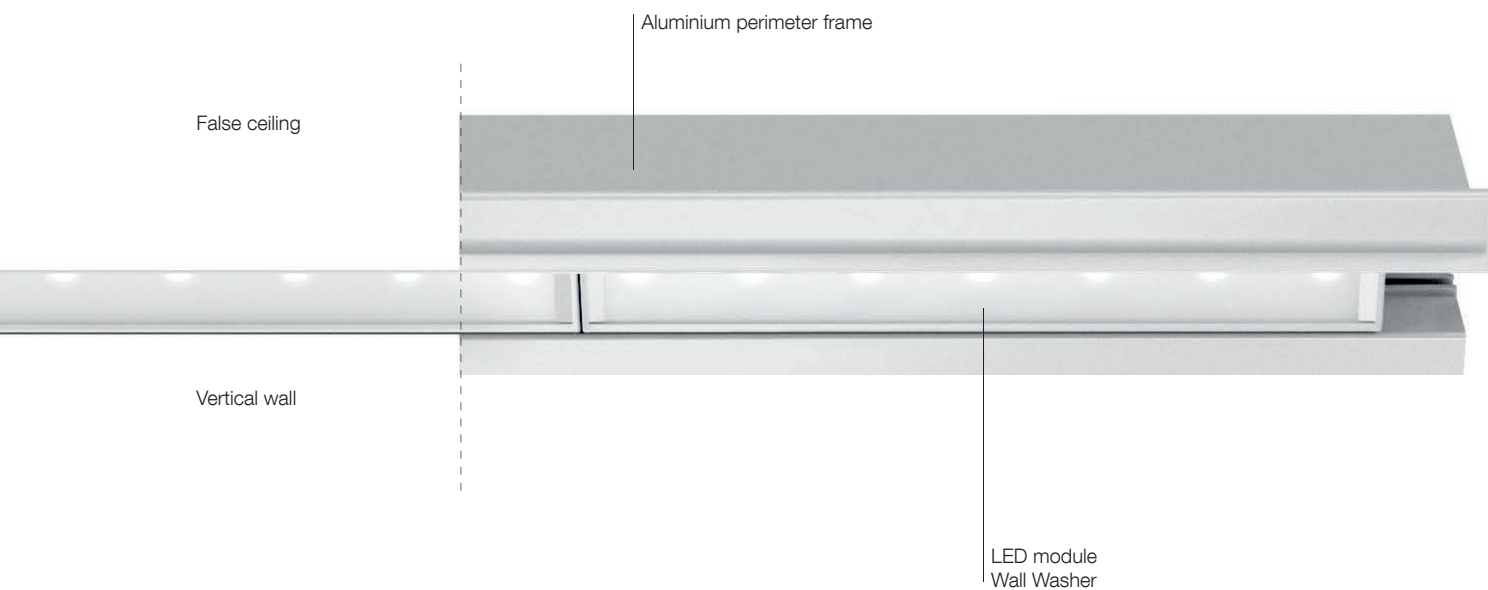
RGB Ledstrip frame accessories

Mounting accessories	code	colour	Mounting accessories	code	colour
 Securing clip for linear profiles 5 units	MXM4	00	 High linear profile ends for Minimal flush-mount 4 units	MXQ8	01
 High surface flush-mount linear profile ends	MXQ6	01-15	 Ends for perimeter profile 2x5 units	MXQ7	01





Underscore Grazer



 Explore and interact with products in 3D.
thelightexperience.iguzzini.com



- Linear system for vertical wall lighting.
- Application in a niche using a specific aluminium frame for false ceilings, together with internal and external angles to adapt the system to the way the walls develop.
- Lighting modules available in 3 lengths, complete with DALI dimmable power supply and in and out connectors for applications in continuous rows.
- High performance wall washer optics.

Flexibility

Underscore Grazer is available in various lengths in order to adapt to each single lighting project.



528 mm



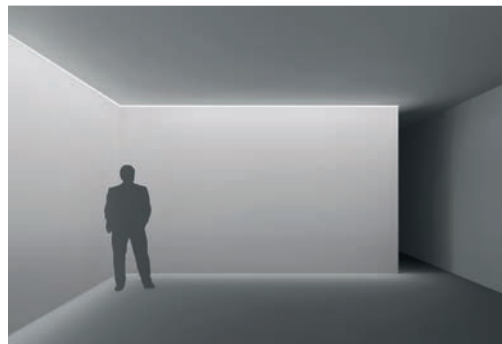
1056 mm



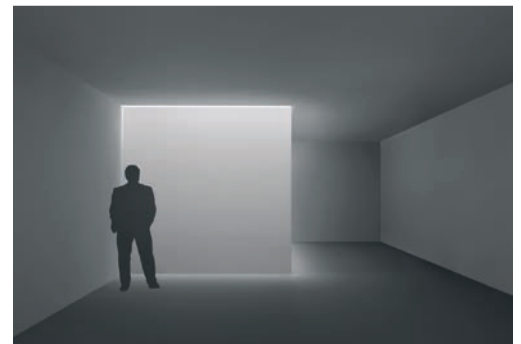
1585 mm

Uniform lighting

Grazer guarantees a uniform homogeneous lighting, creating a shadow-free luminous effect.



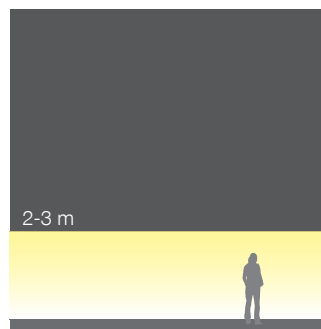
Inner angle



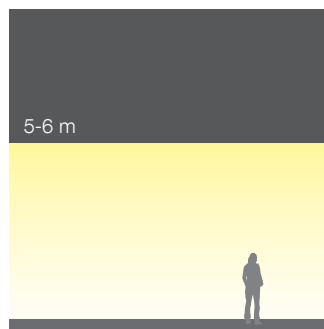
Outer angle

Lighting performance

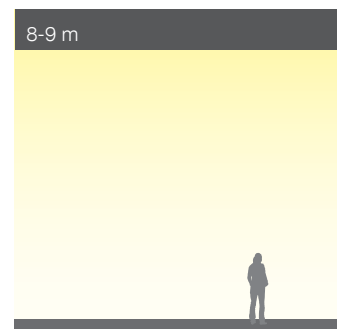
The efficiency of last-generation LEDs mounted in Underscore Grazer delivers a wide range of applications.



2-3 m

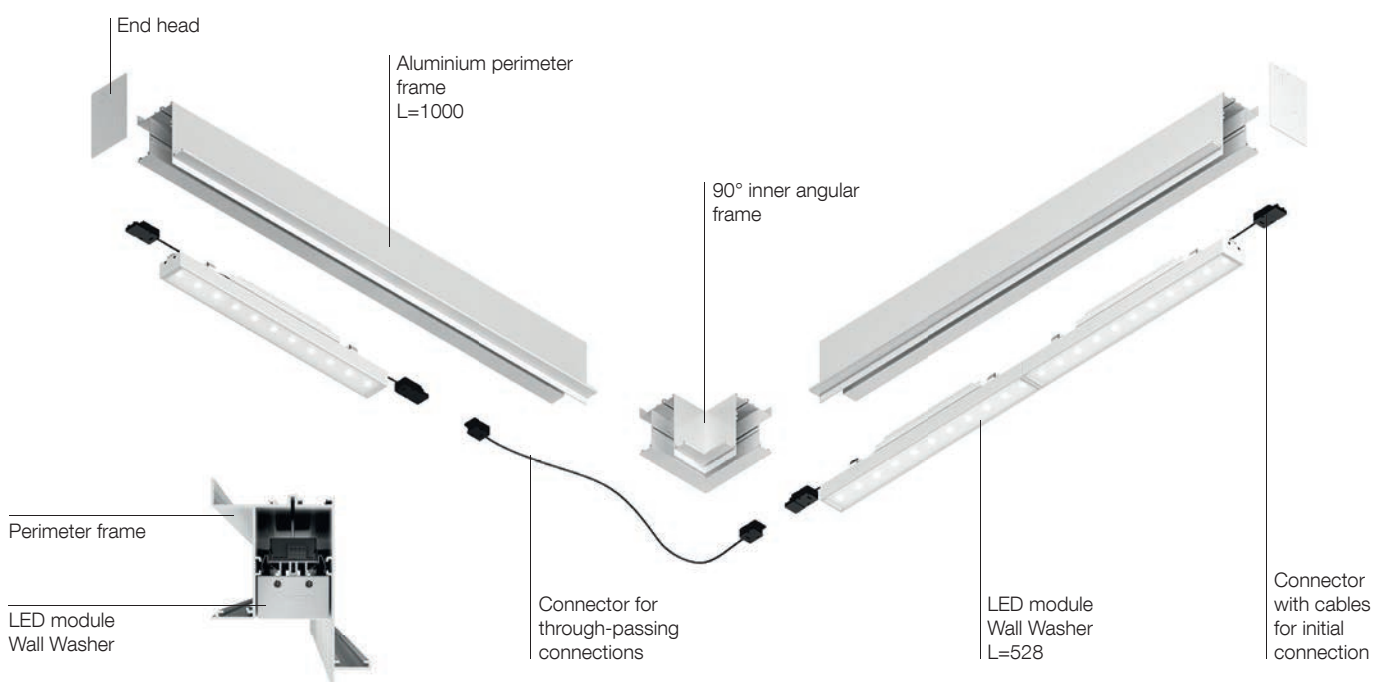


5-6 m



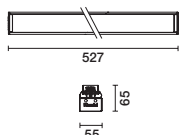
8-9 m

System combination



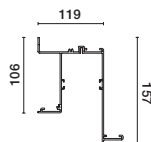


source		system		length	code colour
W	lm	W	lm		
Wall Washer					
LED					
4000K - CRI 80 - DALI					
11W	1650	14,3W	1007	528	MM91 01
22W	3300	25,8W	2014	1054	MM92 01
32W	5000	41,5W	3052	1585	MM93 01
3000K - CRI 80 - DALI					
11W	1650	14,3W	1007	528	MM94 01
22W	3300	25,8W	2014	1054	MM95 01
32W	5000	41,5W	3052	1585	MM96 01

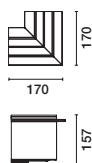


length	code colour
Aluminium perimeter profile	
Module	
1000	MX17 01
2000	MX18 01

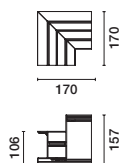
Complete with elements for linear connection to adjacent sections



code colour
90° outer angular profile
MXT3 01



code colour
90° inner angular profile
MX19 01



code colour
Two end caps
MXT4 01

Control gear	code	colour
Connector for through-passing connections	MXT6	00
Plate with terminal blocks	MXT5	00

The Retreat at Blue Lagoon - Grindavik, Iceland
 Architectural Project: Basalt Architects
 Interior design: Basalt Architects & Design Group Italia
 Experience design: Design Group Italia
 Lighting project: Liska
 Photo: Gunnar Sverrisson



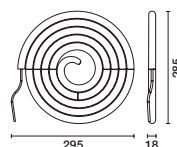




Free-standing lamp in aluminium and steel with shiny chrome finish, comprising concentric spirals and an adjustable die-cast aluminium head. The base of the appliance is fitted with non-scratch rubber feet.



source		system		code colour
W	lm	W	lm	
LED				
6700K - CRI 74				
7,4W	282	8,7W	187	4059 10



Pages 484 -485

Evolution Tower - Moscow, Russia

Client: Transneft
 Architectural Project: RMJM, Tony Kettle, Karen Forbes, Philipp Nikandrov
 Lighting project: Skira Architectural Lighting
 General contractor: Velesstroy
 Interior architects: IQ Elforma
 Photo: Ivan Smelov







Pole-mounted systems

Urban efficiency

Lighting systems are increasingly sturdy and reliable. They embody considerable optical and energy technology to enhance efficiency and visual comfort. Intelligent lighting and remote management help turn light into a value for everyone, turning open space into essential places for city life.

488	Overview Pole-mounted systems	537	Delphi
498	Albero	542	iTeka
500	La Venaria	545	Wow
502	Fiamma	551	Archilede HP
504	Anello	557	Quid
507	UFO	562	Street
514	Crown	568	MultiPalco InOut
518	Twilight	572	MultiPro
527	Platea Pro	576	MultiWoody
533	Lavinia	580	MultiPlatea

The poles can be found on page 585



Overview Pole-mounted systems



498 Albero



500 La Venaria



502 Fiamma



504 Anello



507 UFO

Performances

new

Optics	SM	A $\gamma=66^\circ$ /SM	SM	SM	A45/A60/SC/ST1/ ST1.2/ST1C
Power W	123	168 → 384	52	55	29 → 54
Luminous flux lm	2552 → 2725	8620 → 20290	5350	2255	2800 → 5480
Colour temperature K	3000/4000	4000	3000	3000	3000/4000
Multipower					•
DALI			•	•	•
Middle of the Night					•
Bi-energy with pilot cable					•

Dimensions and applications

Number of sizes	1	1	1	1	2
Wall-mounted			•		•



527 Platea Pro



533 Lavinia



537 Delphi



542 iTeka



545 Wow

Performances

Optics	A45/ST0.5/ST0.8C/ ST1/ST1.2/ST1C	A45/A60/ST1/ST1.2	A45/A60/ST1/ST1.2	A45C/ST1	A45/A60/ST0.8C/ST1/ ST1.2/ST1C
Power W	33 → 86	36 → 100	36 → 100	23	24 → 211
Luminous flux lm	3130 → 10410	3550 → 11850	3600 → 11600	2280 → 2550	2950 → 25210
Colour temperature K	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
Multipower					
DALI	•	•	•	•	•
Middle of the Night	•	•	•	•	•
Bi-energy with pilot cable		•	•	•	•

Dimensions and applications

Number of sizes	2	1	1	1	3
Wall-mounted	•	•	•	•	•

Optics: Symmetric **SM** - Symmetric Comfort **SC** - **STF1** Road Optic for outreach effect - **STCy0.5** Road Optic for cycle paths - **ST1** Street Optic for vehicle traffic, urban and extra-urban areas - **ST1.5** Street Optic for urban and suburban areas - **ST1.2** Street Optic for intense vehicle traffic, urban and suburban areas - **ST 0.5** Optic for residential streets and bicycle lanes - **ST1C** Street Comfort Optic for pedestrian urban areas - **ST0.8C** Comfort Optic for bicycle lanes and residential streets - **A45** Comfort Street Optic - **A60** 60° Asymmetrical Optic for parking lots and large areas - **SC** Comfort Symmetrical Optic for historic centres and pedestrian areas with high visual comfort - **E** Elliptical - **A** Asymmetrical - **AL** Asymmetrical Longitudinal - **AT** Asymmetrical Crossways



514 Crown



518 Twilight
Joburg



518 Twilight
Canberra



518 Twilight
Bilbao



518 Twilight
Odense



456 Twilight
Paris

new

109°/E 148°/SM/ST1/ ST1.2	110°/118°/E/E 98°/SM/ ST0.5/ST1.2/ST1C	110°/118°/E/E 98°/SM/ ST0.5/ST1.2/ST1C	110°/118°/E/E 98°/SM/ ST0.5/ST1.2/ST1C	110°/118°/E/E 98°/SM/ ST0.5/ST1.2/ST1C	110°/118°/E/E 98°/SM/ ST0.5/ST1.2/ST1C
84 → 100	20 → 47	20 → 47	20 → 47	20 → 47	20 → 47
8380 → 10530	1960 → 4350	1960 → 4350	1960 → 4350	1960 → 4350	1960 → 4350
3000/4000	2200/3000/4000	2200/3000/4000	2200/3000/4000	2200/3000/4000	2200/3000/4000
•	•	•	•	•	•
	•	•	•	•	•
1	1	1	1	1	1
	•	•	•	•	•



551 Archilede HP



557 Quid



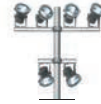
562 Street



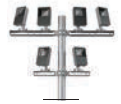
568 MultiPalco InOut



572 MultiPro



576 MultiWoody



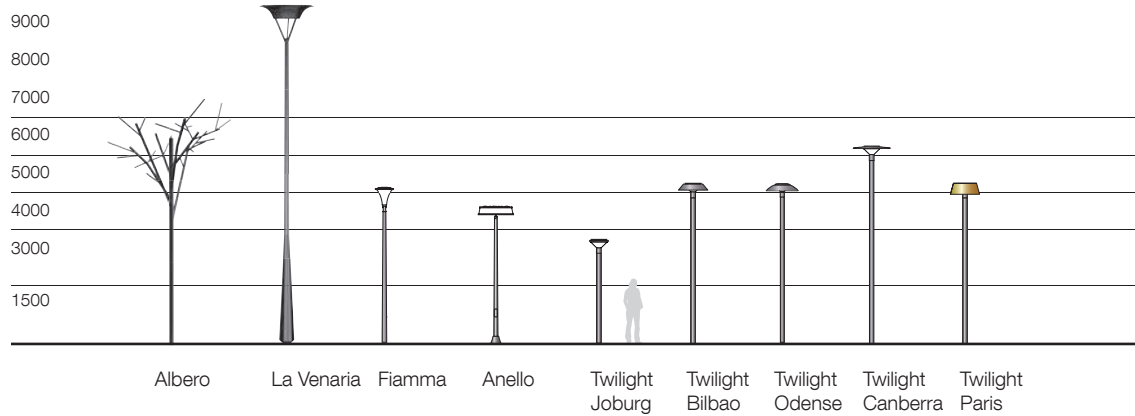
580 MultiPlatea

A60/ST1/ST1.2	A60/ST1/ST1.2	A60/ST1/ST1.2/ ST1.5/STC0.5/STF1	*	*	*	*
26 → 154	15 → 176	15 → 176	*	*	*	*
3210 → 19660	2300 → 24206	2300 → 25770	*	*	*	*
3000/4000	3000/4000	3000/4000	2700/3000/4000	3000/4000/RGB/TW	3000/4000/RGB/TW	3000/4000/RGB/TW
•	•	•	•	•	•	•
•		•				
•		•				
2	3	2	4	1	3	2
•	•	•	•	•	•	•

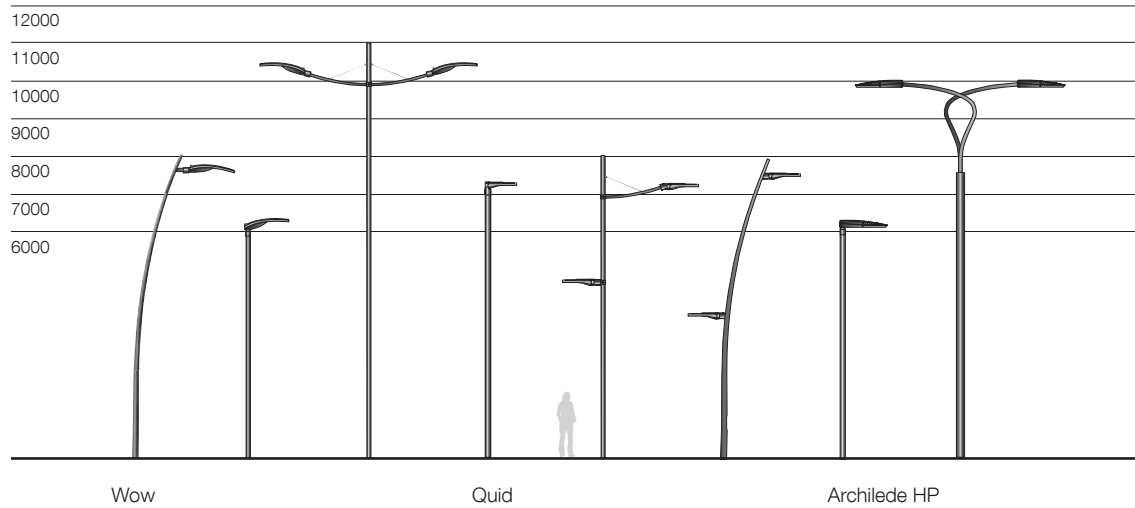
* Watt and Lumen values are listed in the Floodlights section on page 673

Overview Pole-mounted systems

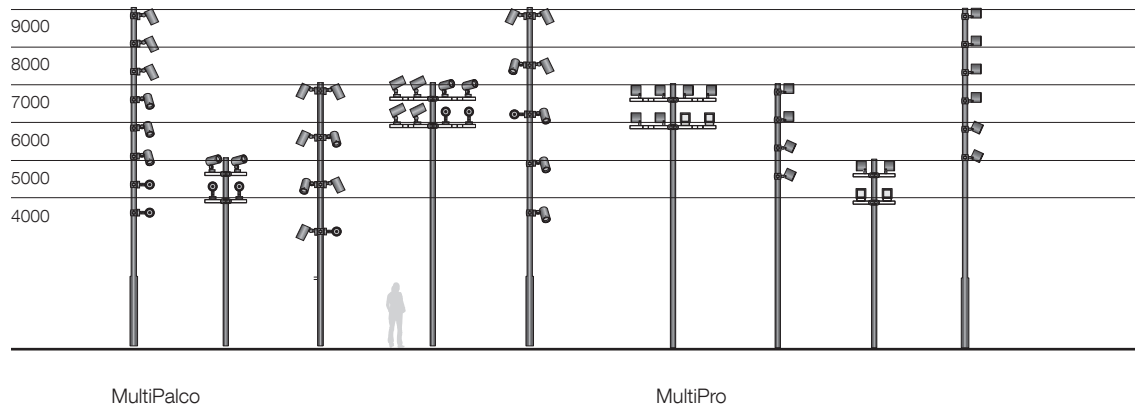
Urban furniture
Poles h 4000 / h 9000

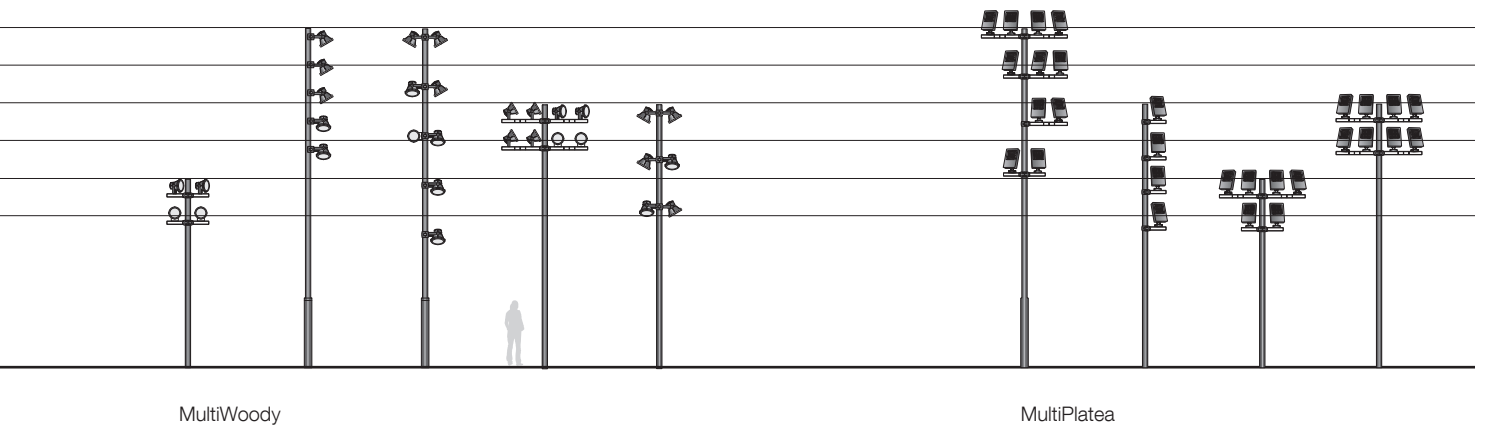
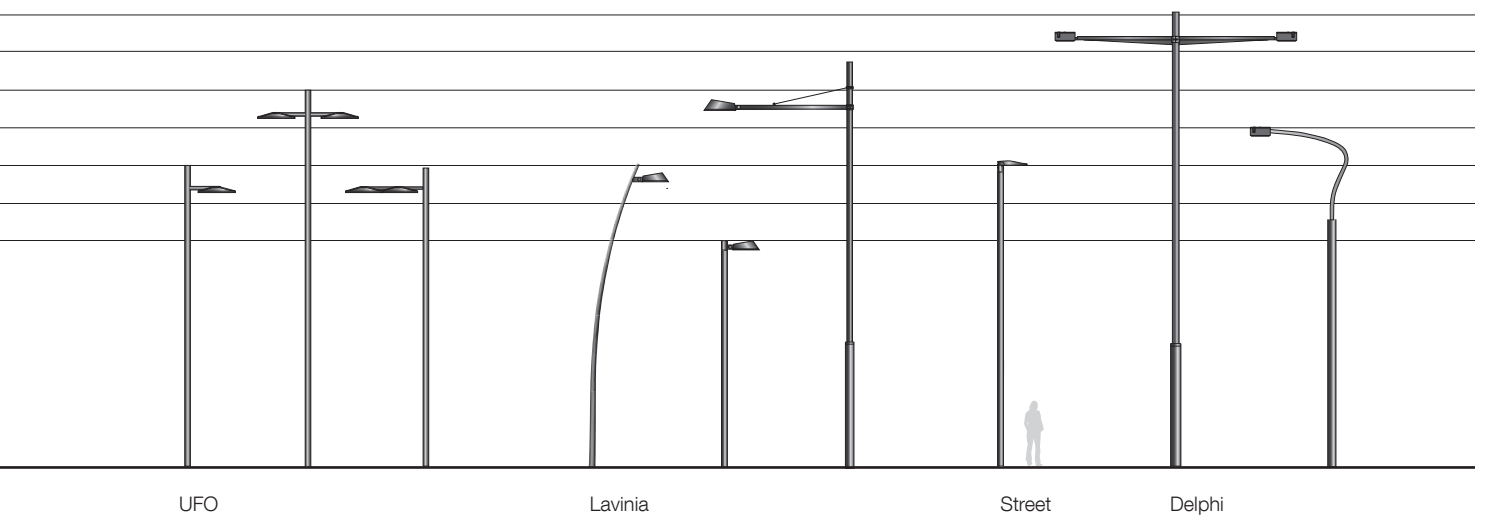
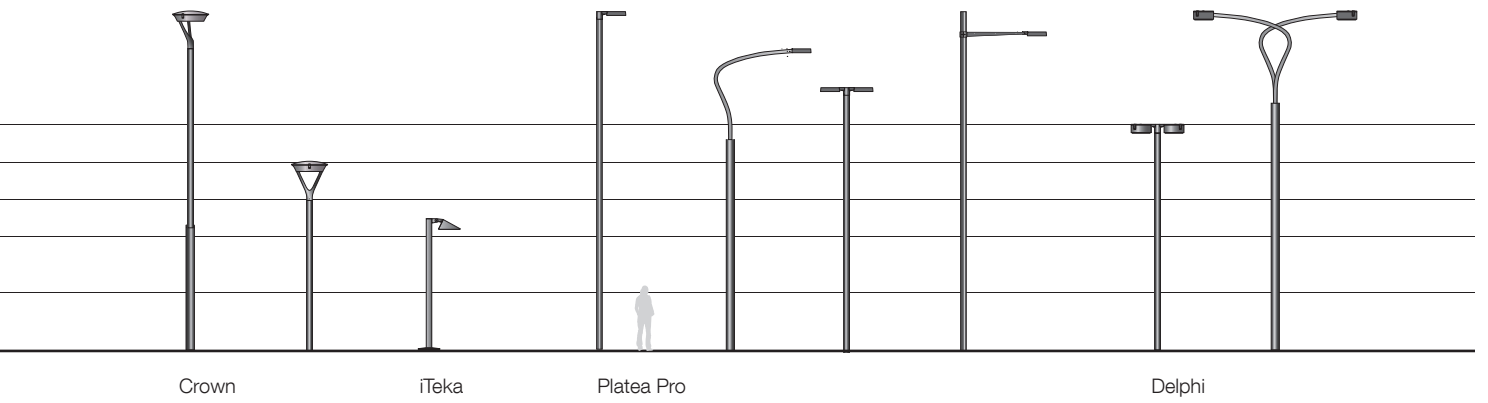


Urban furniture
Poles h 6000 / h 12000



Multiple floodlights
poles h 4000 / h 9000





Overview Pole-mounted systems

Opti Smart

Reflector

The result of iGuzzini research into the optimum use of LEDs, with their ultra-high performance, Opti Smart optics represent the new "frontier" in street lighting.

Opti Smart optics are an innovative solution able to use the luminous flux from LEDs to guarantee luminous efficacy, low consumption, long lamp life, reduced CO2 emissions, excellent colour rendering.

All this is done in order to optimize energy consumption and environmental sustainability. The Opti Smart range is made up of two optic systems which guarantee exceptional visual comfort: the first for streets with vehicular traffic (Intensity Class G*4), the other for urban pedestrian areas (Intensity Class G*6).



Street Optic ST1 & ST1.2



Exclusive and licensed optic principle.
Outdoor LEDs are:
3000K - CRI 70
4000K - CRI 70

Aluminium with silver deposits

Optical collimators

Asymmetric optic



Exclusive and licensed optic principle.
Outdoor LEDs are:
3000K - CRI 70
4000K - CRI 70

Aluminium with silver deposits

Optical collimators

Lenses

This optic uses free-form technology for "made to measure" modelling of lenses to define optimal geometries, thereby allowing maximum use of the luminous flux in extremely compact dimensions.

The PMMA used, thanks to its impressive transparency, resistance to UV rays and index of refraction close to that of glass, ensures superb efficiency values over time.



The third-party EQI laboratory carried out UV ageing test in compliance with the UNI EN ISO 4892-3: 2016 standard. After 1568 h, with alternating cycles of exposure to UV-A 340 at 60 °C and condensation at 50 °C, the samples did not present any variation.

Street Optic ST1

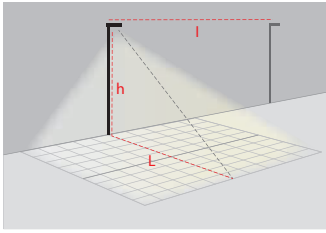


Exclusive and licensed optic principle.
Outdoor LEDs are:
3000K - CRI 70
4000K - CRI 70

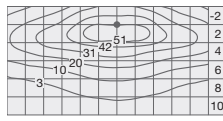
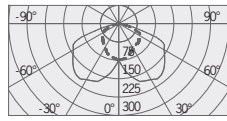
New Street Optics (CSP)
ST1, ST1.5, A60, STF, SCy0.5



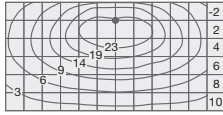
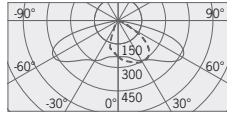
ST - Road optics



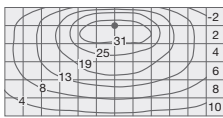
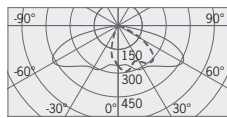
$d = L/h$
 h = Installation height
 L = Width of area to illuminate
 l = Distance between poles



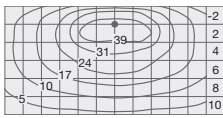
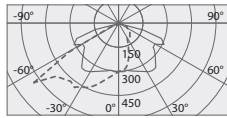
ST 0.5
 Optic for residential streets and bicycle lanes
 $l = 4h$
 $d = 0.5$
Intensity Class: G*3 (Lens)



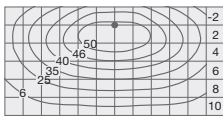
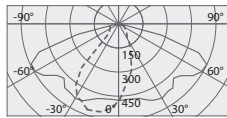
ST1
 Street Optic for intense vehicle traffic, urban and suburban areas
 $l = 4h$
 $d = 1$
Intensity Class: G*3 (Reflector)



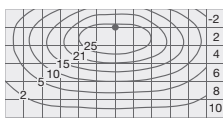
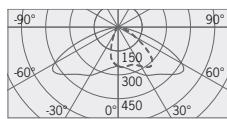
ST1.2
 Street Optic for intense vehicle traffic, urban and suburban areas
 $l = 4h$
 $d = 1.2$
Intensity Class: G*3 (Reflector)



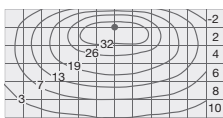
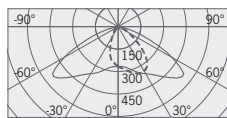
ST1 5
 Optic for residential streets and bicycle lanes
 $l = 4h$
 $d = 1.5$
Intensity Class: G*3 (Lens)



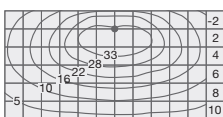
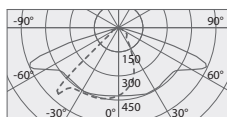
STCy 0.5
 Optic for residential streets and bicycle lanes
 $l = 3.7h$
 $d = 0.5$
Intensity Class: G*3 (Lens)



ST0.8C
 Comfort Optic for bicycle lanes and residential streets
 $l = 5h$
 $d = 0.5 / 0.8$
Intensity Class: G*6 (Reflector)

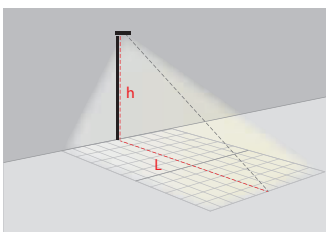


ST1C
 Comfort Road Optic for pedestrian urban areas
 $l = 3.7h$
 $d = 1$
Intensity Class: G*6 (Reflector)

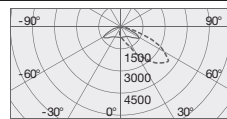


STF1
 Optic for residential streets and bicycle lanes
 $l = 4h$
 $d = 1$
Intensity Class: G*3 (Lens)

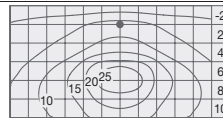
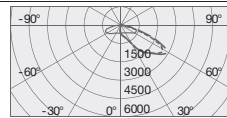
A - Asymmetric optic



$d = L/h$
 h = Installation height
 L = Width of area to illuminate

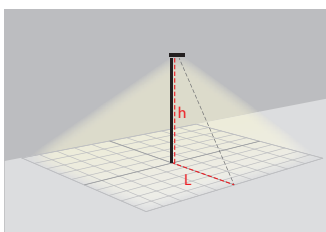


A45
 45° Asymmetrical Comfort Optic for squares and pedestrian urban areas
 $h = 7$
 $d = 1.6$

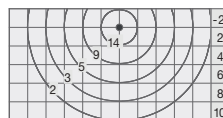
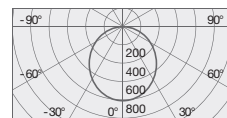


A60
 60° Asymmetric Optic for parking areas and large open spaces
 $h = 7$
 $d = 2$

SC - Comfort Symmetric optic



$d = L/h$
 h = Installation height
 L = Width of area to illuminate



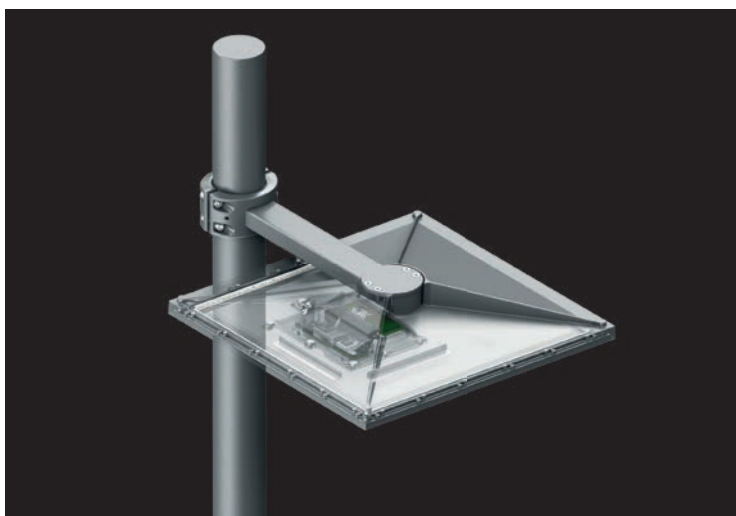
SC
 Comfort Symmetric Optic for historic centres and pedestrian areas with high visual comfort
 $h = 7$
 $d = 1$
Intensity Class G*6

Overview Pole-mounted systems

Smartronic

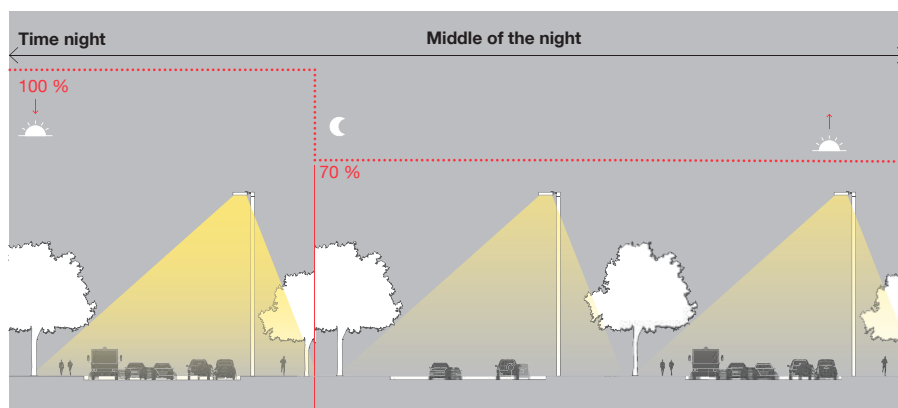
A wide range of different options according to specific needs. The Smartronic family has four different configurations:

- 1 - Middle of the Night
- 2 - Pre-set for Smart Lighting
- 3 - Dali
- 4 - Partialization of the electronics



1 - Middle of the Night

Middle of the Night automatically recognises the mid point of the switch-on time and the luminous flux without the need of external management systems. By inserting the pilot cable, with an external control element, you are free to decide when to bring the luminous flux back to 100%. An ideal solution for areas characterised by variable presence because of the seasonal natural of certain events.



Example with Middle of the Night profile with Street

2 - Pre-set for Smart Lighting

Smart City and Connected City
The NEMA 7-pin and ZHAGA 4-pin socket connects DALI products in a wireless network and integrates them into Smart City control and management systems. Any IoT integration into the system can be activated through the NEMA and ZHAGA socket without having to replace lighting products.

Smart Control

The NEMA-compatible 7-pin and ZHAGA 4-pin compatible interact with the lighting system by activating all DALI functions. The 7-pin and 4-pin units also ensure compatibility with 3-pin units provided that only the ON-OFF function is selected.

IP65

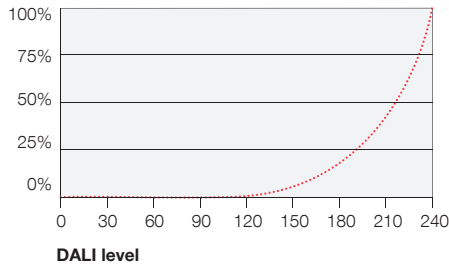
The closure cap ensures electrical connection and the upkeep of IP65 grade protection. It can be removed to insert elements such as photocells or other connected city devices.



3 - DALI

DALI comes with three standard profiles and can be integrated with practically all tele-management systems that use the DALI protocol to communicate with the fixture. This solution is recommended when a point-point tele-management system is used.

Luminous flux



No photo-biological risks

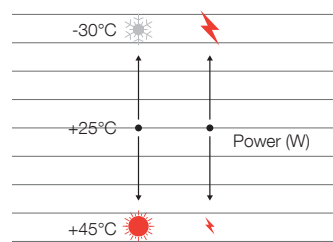
The LED lighting is classified in compliance with the new standard EN 62471. iGuzzini fittings are part of the "Exempt Group" category (no dangers due to infrared, blue light and UV radiation) and they guarantee the compliance with the safety requirements set by the self-same standard. (Risk group 0)

Risk groups

0	1	2	3
Exempt No photo-biological hazard.	Low risk No photo-biological risk under normal conditions of use.	Moderate risk Does not pose a hazard due to aversion response to bright light or thermal discomfort.	High risk Dangerous even for temporary exposure.

Extreme operating conditions

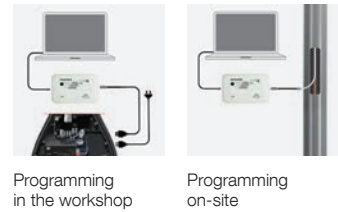
Our luminaries are designed to operate perfectly at any ambient temperature. The power of the LEDs is increased or reduced depending on the variation in the ambient temperature relative to the reference temperature of 25° to guarantee optimum operation within a range of ambient temperatures of between -30° and +45°. For the operating temperatures of individual products, refer to the relative instruction sheets on iguzzini.com



4 - Customization of the electronics

Customisation of electronics with MY92- X430

Programming through the interface directly from the pole lid with a pre-set 4-lead cable or in the workshop. All Dali functions compatible with simple connection to a PC can be activated.



Customisation of electronics with Pen Profiler BZX1

The Multipower standard profiles can be customised with an endless number of combinations, using the USB interface. The software is available in the Download section of our Web site.



Customisation of electronics with X410

Programming can be performed using the NFC contact-less system to facilitate and accelerate the activation phase.



Light pollution

Light pollution is a phenomenon mainly caused by upward light diffusion from luminaries with unscreened optics. iGuzzini luminaries equipped with Opti Smart systems only direct light towards roads used by vehicles and

pavements or cycle paths at the side of roads, as required by European standards, in compliance with the most stringent regulations and laws against light pollution and at the same time allow energy-efficient use of artificial lighting.



Overview Pole-mounted systems

Protection against over-voltages in street lighting

Unlike discharge light sources, LEDs are designed to operate at low voltages and are consequently much more sensitive to voltage variations. Various kinds of over-voltage are very frequent in street lighting and, inasmuch, it is vital to include LED circuit and LED driver protection systems.

When and how do over-voltages occur?

An over-voltage involves a rapid increase in the voltage value between parts having different polarity and between these and earth/ground above the typical normal operating level.

Over-voltages occur as a result of:

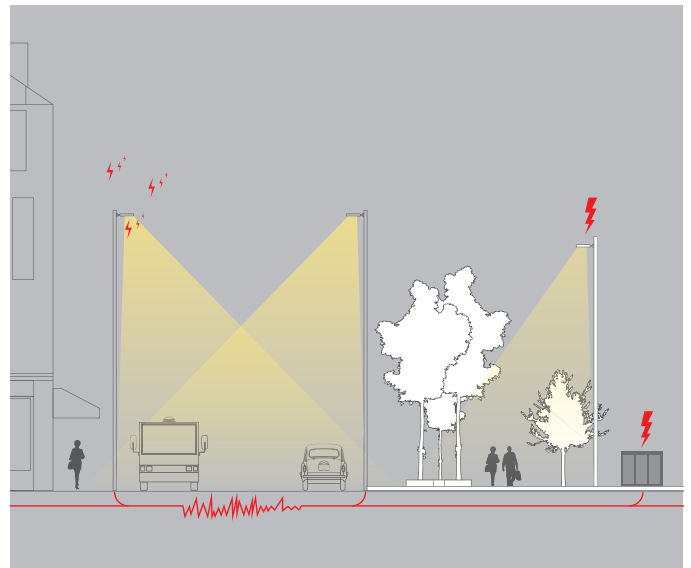
- Lightning strikes in the system area (directly on the device or in vicinity)
- Accumulation of electrostatic discharges

- Manoeuvres on the mains power supply for the system/luminaries and/or indirect lightning strikes.

Over-voltages through the electrical power supply mains are more frequent than those generated by atmospheric events (indirect lightning strikes) or inductive phenomena even on lines other than the line powering the equipment itself.

These over-voltages may affect equipment in two ways:

- Differential over-voltages between Live and Neutral. There are generally of limited entity.
- Common over-voltages between Live and Earth & Neutral and Earth. They may even reach very high intensities but are less frequent.



What do they cause?

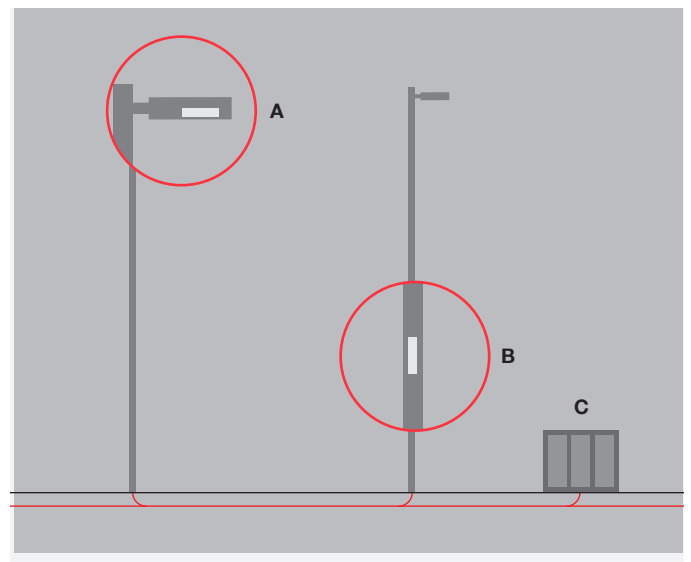
High over-voltages may exceed the withstand threshold causing a partial or total fault of the LEDs and/or the driver. Certain less intense over-voltages may in any case compromise LED performances over time even without causing direct damage.

Protection measures?

In order to ensure appropriate protection, measures must be taken to prevent or limit over-voltages. We take action right from the equipment design stage by optimising the centres between diodes in the LED circuit and the insulation shims. We also select drivers with high surge protection to safeguard LED modules. These expedients, for our latest-generation street systems*, help achieve protection values of 6 kV in differential mode and 10 kV in shared mode. (The CEI 34-156:2016 standard recommends protection of a 2.5-4kV in differential mode and 4-6 kV in shared mode).

Wow, Archilede, Quid, Street

As well as devices protecting the equipment, in areas exposed to this type of phenomena plant must be protected with additional SPD devices (Surge Protection Device)**. These devices limit voltage in electrical circuits within pre-set values and transfer associated over-currents to earth/ground. First and foremost, if the area is at risk but there are no lightning rods, over-voltage protection can be installed in the main street lighting distribution cabin and, in addition if necessary, even over-voltage protection built into the junction box at the bases of the pole. The latter solution is only justified if the distance between the pole and the cabin is significant and if the area is subject to intense lightning phenomena.



A Effective protection built into the LED driver (see iGuzzini Led Street Products)

B Over-voltage protection built-into the junction box (SPD)

C Over-voltage protection built-into the main distribution station (SPD)

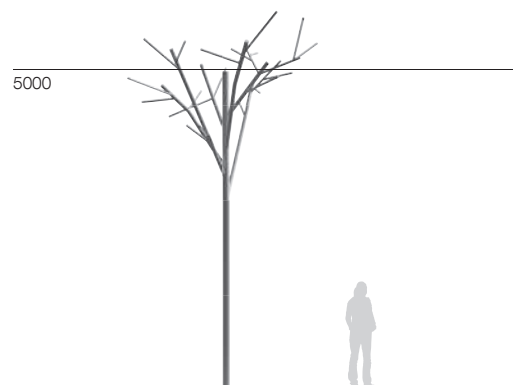
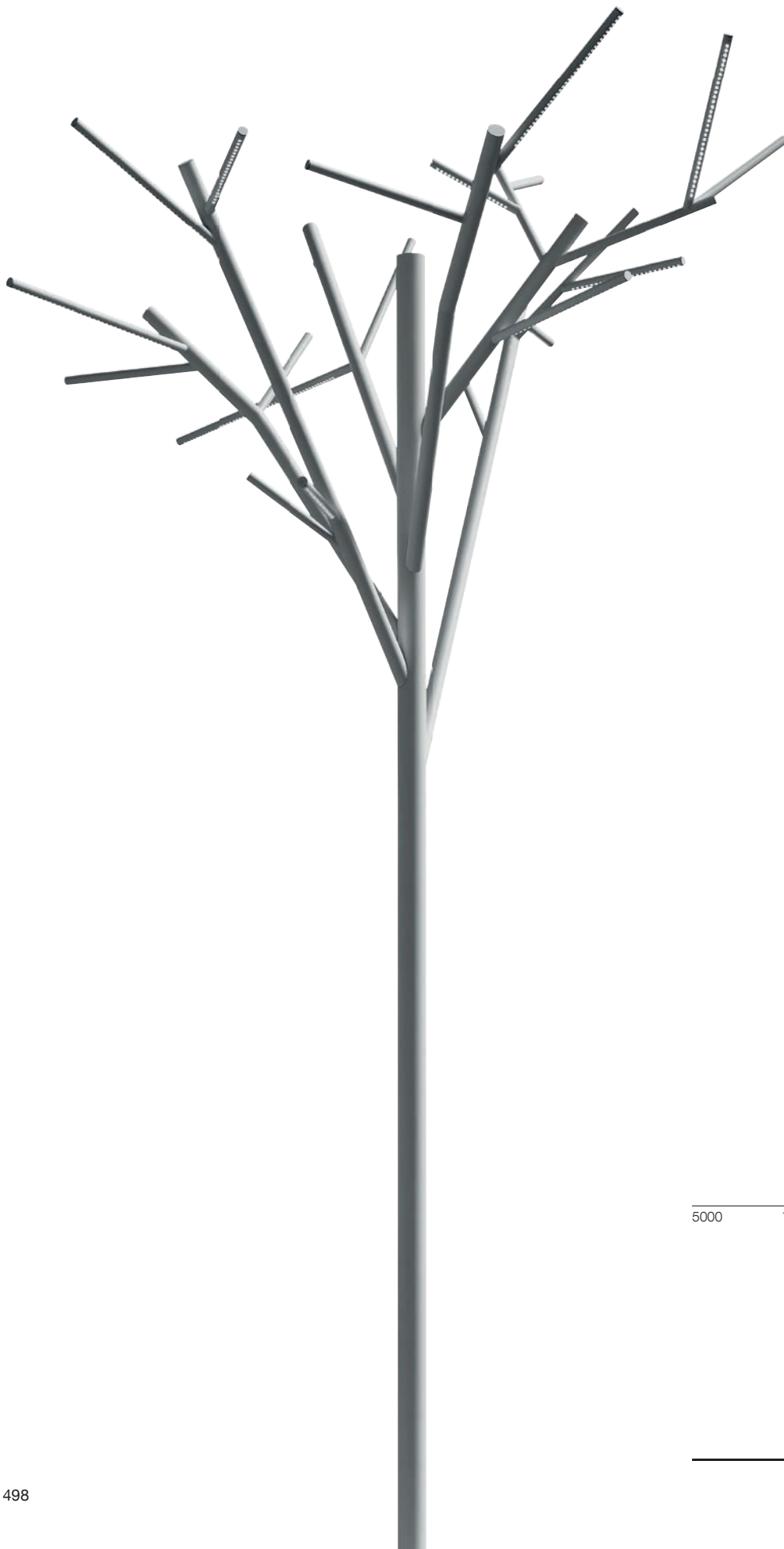
Piazza della Repubblica – Spello, Italy

Architectural Project: Oikos Progetti

Lighting project: Arch. Massimo Berzetta

Photo: Luca Petrucci





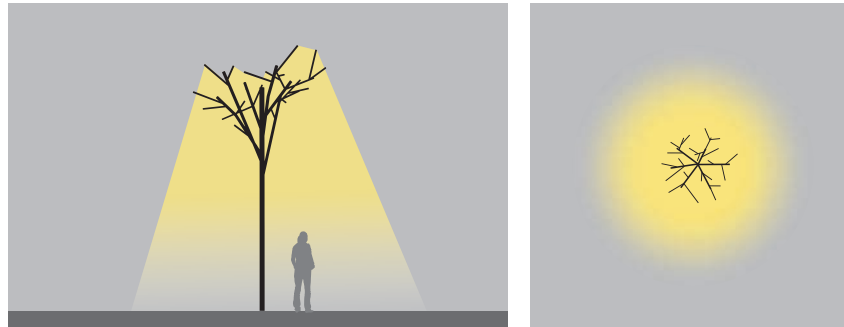


- Direct light system designed for use with LED light sources.
- Comprising pole and arms (branches) where the LEDs are housed.
- Pole H = 5500 mm D = 102 mm in stainless steel with white powder painted surface treatment, fitted with an external ground/earth system.
- Flush hatch 220x45 mm.
- Versions for below ground installation and with plate (260x260 mm).
- Arms (branches) complete with LEDs in white painted tubular stainless steel.
- Replaceable LED group.
- Remote control electronic power supply inserted inside the hatch.

Standard configuration

The 21 arms of the system are configured as follows:
 n° 12 L = 400 mm with 5 W power LED;
 n° 7 L = 600 mm with 7.5 W power LED;
 n° 2 L = 800 mm with 10 W power LED;

The number of branches that produce the luminous flux can, on request, be customised.

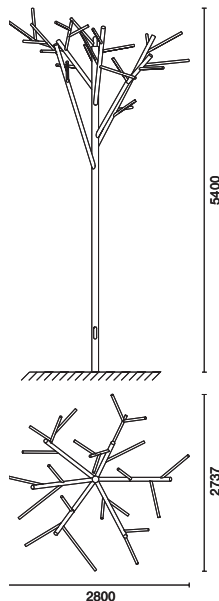


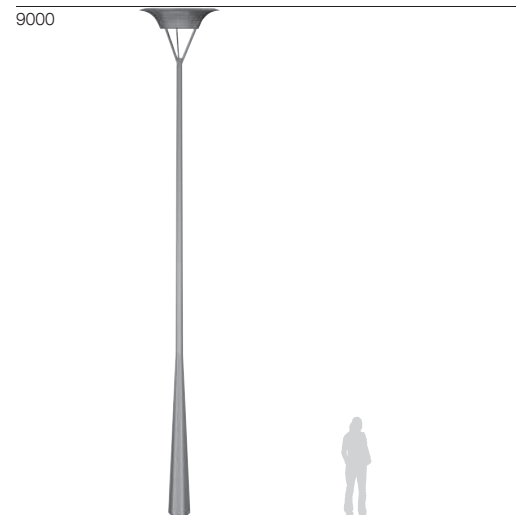
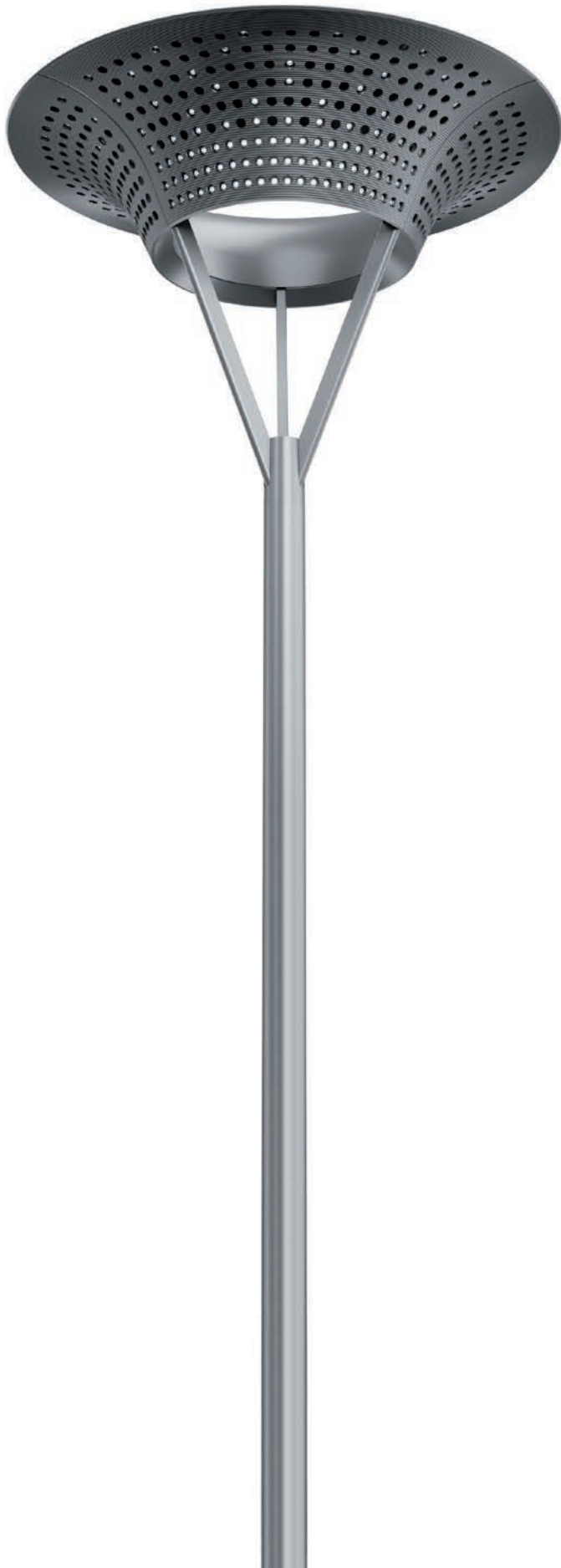
1mt=40 lux
 2mt=35 lux
 3mt=20 lux
 4mt=15 lux
 5mt=8 lux

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W	lm	optic	code colour
Complete with sunk pole			
LED			
4000K - CRI 80			
123W	2725	SM	ADR2 01
3000K - CRI 80			
123W	2552	SM	ADR0 01
Complete with pole with plate			
LED			
4000K - CRI 80			
123W	2725	SM	ADR3 01
3000K - CRI 80			
123W	2552	SM	ADR1 01







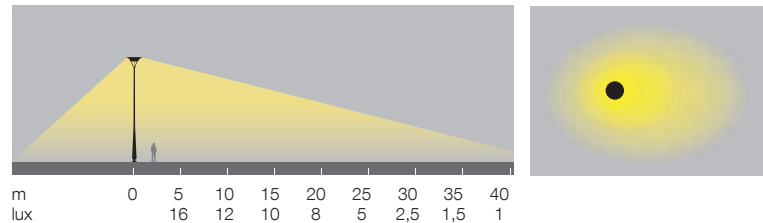
IP67 IK07

- Lighting system for large urban areas intended for use with LED lamps.
- Comprising optical compartment and pole.
- Optical compartment and internal cover in painted fibre glass; securing the chamber to the pole by means of painted tubular steel.
- Optical unit comprising monochromatic neutral white LEDs for general lighting.
- Replaceable LED group.
- Electronic power supply inside the product.
- No photo-biological risks. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- Pole in EN 10025-S235JR hot galvanised 70 micron steel with textured powder surface coating; complete with flush lid (200x100 mm) and ground anchoring plate. The pole is fitted with an internal grounding system, grounding lug, insert and screw.
- IP 64 for the component compartment
- IP 67 for the optical compartment

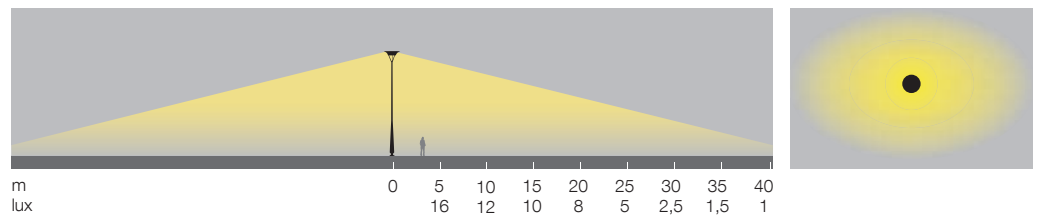
Standard configuration

The two standard configurations, symmetrical and asymmetrical, share exceptional light efficiency as well as lighting precision.

A - Asymmetric light distribution



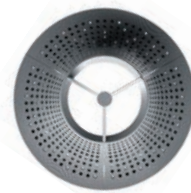
SM - Symmetric light distribution



Optical system

The optical assembly consists of three light emission sectors that, thanks to the combination of optics and spots and medium, ensure for precise lighting solutions. The light distribution can be

customised, on request, based on the installation requirements. The different inclination of the flood-lights, and therefore of the direction of the luminous flux, guarantee uniform and homogeneous lighting.

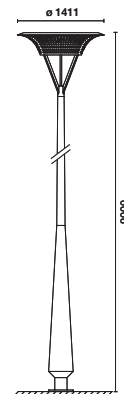


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W	lm	optic	code	colour
LED				
4000K - CRI 80				
384W	20290	SM	AEB0	15
168W	8620	A $\gamma=66^\circ$	AZ70	15

Complete with pole and plate

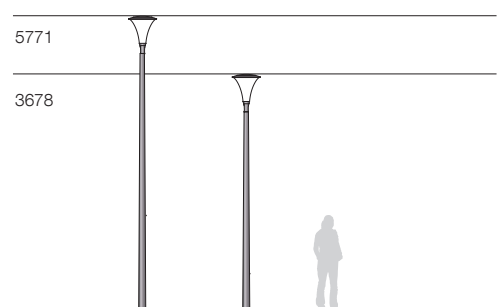




ceiling application



wall application





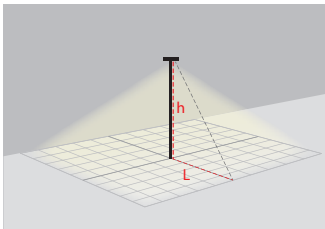
- Street lighting system for use with LEDs.
- Pole-top, suspended and wall-mounted installation.
- Optical compartment in cast aluminium; hot dip galvanised steel tubular arms; internal diffuser made of opal polycarbonate with texture for a high uniformity of the light beam; external diffuser and external screen made of UV-ray stabilised clear polycarbonate; elements for

suspension of optical assembly made of AISI 304 stainless steel: hot galvanised steel pole with power paint finish and customised attachment for coupling with the optical assembly.

- High visual comfort.
- High efficiency optics and uniform light distribution.
- DALI wiring.
- Compatibility with remote management systems.

- Common mode surge protection up to 8KV.
- Replaceable LED group.
- Replaceable driver and power supply unit.
- All external screws used are in stainless steel.

Optics



SM - Symmetric optics

LED 52W
h = 5 / d = 2

d = L/h
h = Installation height
L = Width of area to illuminate

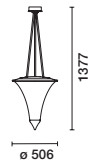
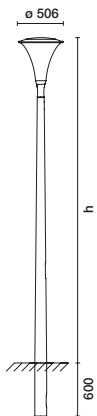
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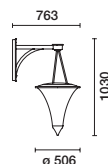
source		system				code colour
W	lm	W	lm	h		
LED						
3000K - CRI 80 - DALI						
52W	5350	52W	5350	3678	AET7 15	
52W	5350	52W	5350	5771	AHA5 15	

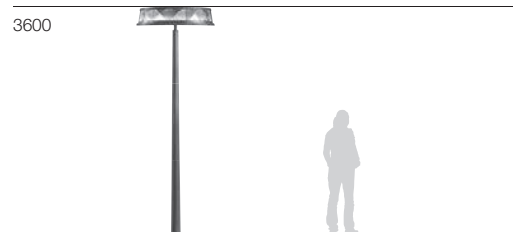


W	lm	optic	code colour
LED			
3000K - CRI 80 - DALI			
52W	5350	SM	AET8 15



W	lm	optic	code colour
LED			
3000K - CRI 80 - DALI			
52W	5350	SM	AET9 15

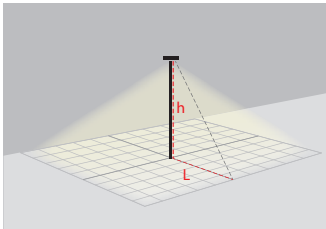






- Street lighting system for use with LED light sources.
- Comprising a pole and optical compartment.
- Optical compartment comprising: structure in powder-coated cast aluminium with an external screen in transparent methacrylate; optical unit with warm white monochromatic LEDs (3000K) for general lighting and cool white monochromatic LEDs (6000K) for lighting decorative elements.
- Two pole options: pole with mounting plate and pole inserted in ground
- Replaceable LED group.
- Electronic power supply inside the product.

Optics



SM - Symmetric optics

LED Down light
 $h = 3 / d = 1$

$d = L/h$
h = Installation height
L = Width of area to illuminate



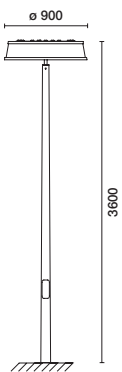
Downlight

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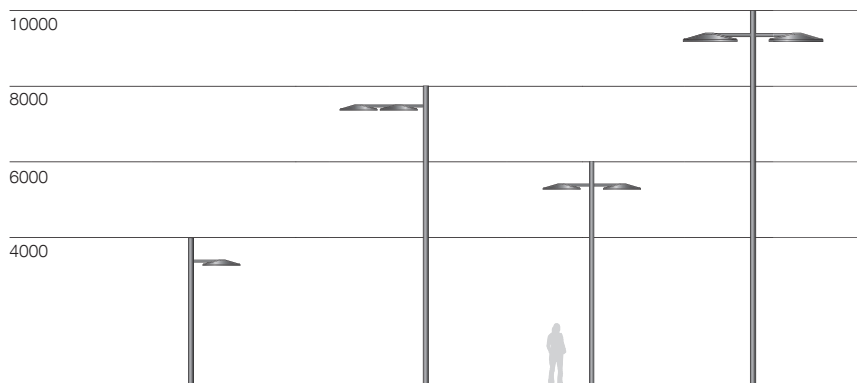
new
Available from June



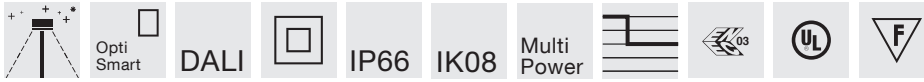
W	lm	optic	code colour
LED			
3000K - DALI			
55W	2255	SM	AMK2 15
Complete with pole and plate			
LED			
3000K - DALI			
55W	2255	SM	AMK3 15
Complete with sunk pole			







Botín Center for Arts and Culture - Santander, Spain
 Architectural project: Renzo Piano Building Workshop in collaboration with Luis Vidal + Architects
 Lighting project: Artec3 Studio, Arup
 Structural project: Arup
 Landscape architecture: Fernando Caruncho & Asociados
 Photo: Enrico Cano



- Street lighting system for use with LED light sources.
- Installation by means of arms on poles with diameters of 60/76/89/102/114/120 mm.
- Optical compartment in die-cast aluminium; sodium-calcium sealing glass, 5 mm thick, or in opaline polycarbonate for versions with SC optic, siliconed to frame that closes the LED compartment with screws.
- Versions with monochromatic power LEDs with silver aluminium reflectors available with 5 different light distributions.
- No upwards dispersion of the luminous flux.
- High visual comfort.
- High yield optics (Opti Smart) with uniform light distribution.
- No photo-biological risks. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminous flux emitted by the driver of this luminaire is totally programmable.
- Street Optics: the driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
 - Fixed Profile 1** at 350mA
 - Fixed Profile 2** at 450mA
 - Fixed Profile 3** at 525mA
 - Variable Profile 4** at 350mA
- For Symmetric Comfort Optics
 - Profile 1 - fixed** 100%
 - Profile 2** with luminous flux reduction and midnight recognition (10h at 70%)
 - Profile 3** with luminous flux reduction and midnight recognition (8h at 70%)
 - Profile 4** with luminous flux reduction and midnight recognition (6h at 70%)
- Compatibility with remote management systems thanks to the "Power Supply", bi-power luminous flux regulator and "DALI LED Driver" (0-10V/1-10V) compatible with systems available on the market.
- Common mode surge protection up to 10KV.
- An active control system modifies current intensity in order to maintain lighting efficiency and LED lifespan regardless of any environmental thermal conditions.
- Replaceable LED group.
- All external screws used are in stainless steel.

Optical systems

Versions with Opti Smart Street and Asymmetric optics are equipped with latest-generation optics to ensure lighting efficiency, low consumption, reduced CO2 emissions and excellent colour rendering. Street is ideal for urban and interurban areas with vehicular traffic. Asymmetric is for pedestrian urban areas and bicycle lanes. Thanks to Multipower, four standard pre-set profiles can be selected with a DIP switch. The fixtures can be completely programmed in terms of luminous flux emission directly on the product driver.



Road/Asymmetric optic



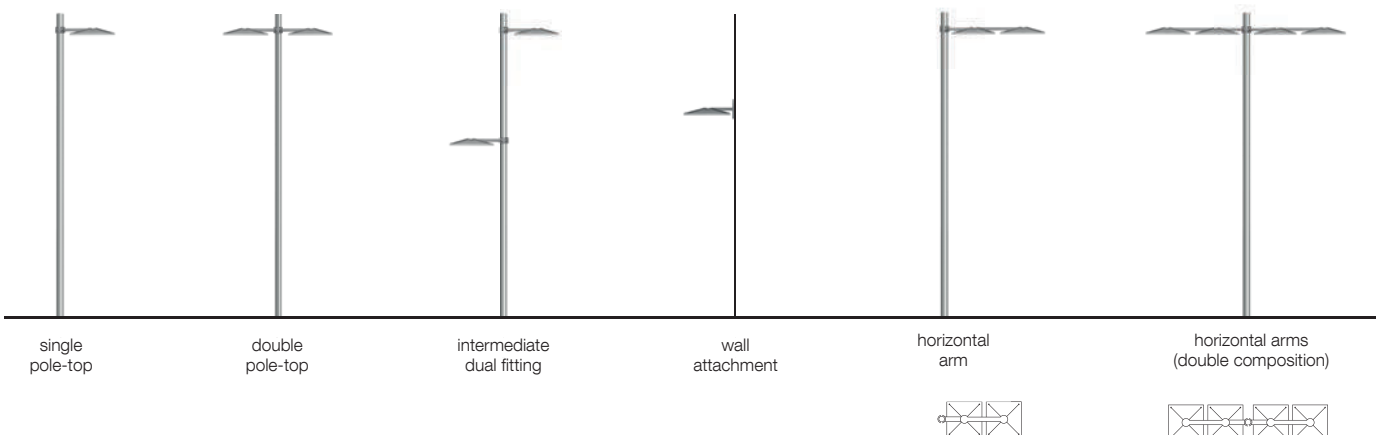
Comfort Symmetric optic

The Symmetrical Comfort optic, designed for pedestrian areas (Intensity Class G*6), helps create a comfortable environment with "soft" light similar to the effect achieved with indirect lighting.

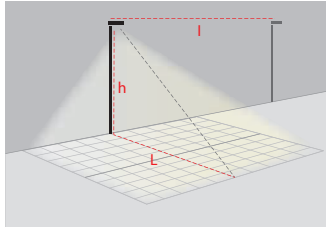
Compositions

Horizontal arms for installation of 1 optical compartment.

Horizontal arms for installation of 2 optical compartments.



ST / A optics



$d = L/h$
h = Installation height
L = Width of area to illuminate
l = Distance between poles

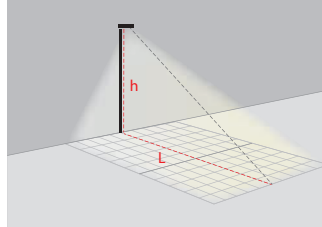
ST - Road optics

LED

ST1
 $l = 4h / d = 1$
Intensity Class: G*4

ST1.2
 $l = 4h / d = 1.2$
Intensity Class: G*4

ST1C
 $l = 3.7h / d = 1$
Intensity Class: G*6



$d = L/h$
h = Installation height
L = Width of area to illuminate

A - Asymmetric optic

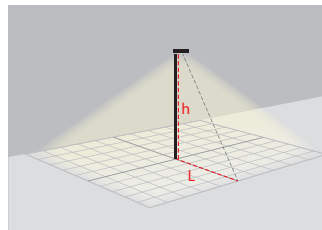
LED

A60
 $h = 7 / d = 2$

A45
 $h = 7 / d = 1.6$

Comfort Symmetrical Optics- Three different pre-set profiles for midnight recognition

The driver of this version allows the use of 4 different profiles which correspond to different durations of the dimming period.



$d = L/h$
h = Installation height
L = Width of area to illuminate

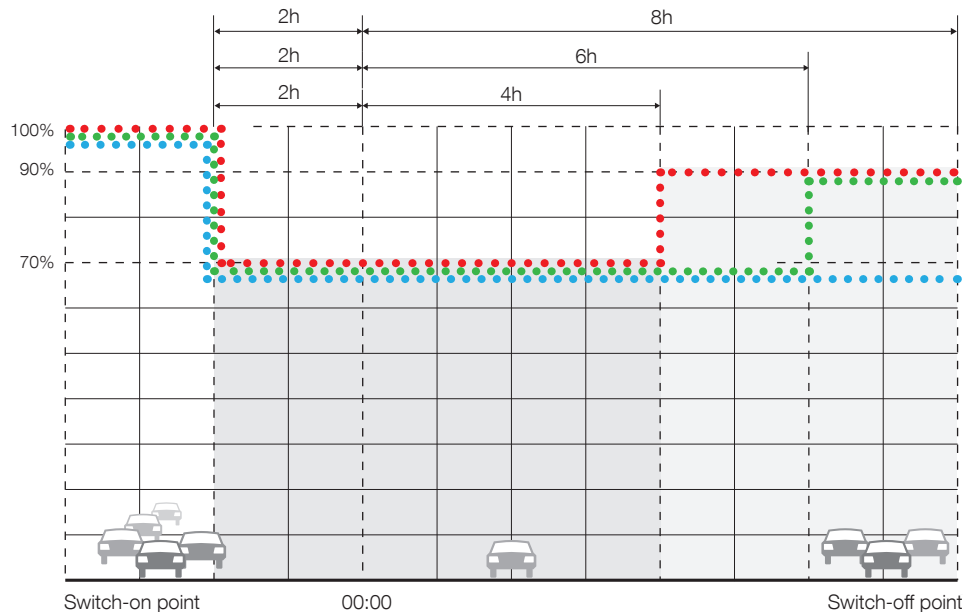
SC - Comfort Symmetric optic

LED

$h = 7 / d = 1$
Intensity Class G*6

- Profile 1 - fixed 100%**
- Profile 2** with luminous flux reduction and midnight recognition (**10h at 70%**)
- Profile 3** with luminous flux reduction and midnight recognition (**8h at 70%**)
- Profile 4** with luminous flux reduction and midnight recognition (**6h at 70%**)

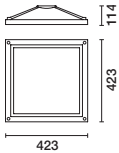
The profiles can also be customised further via USB by including, for example, midnight recognition or decreasing the output lumen levels in each profile.



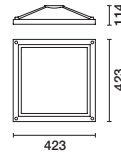
- Profile 2
- Profile 3
- Profile 4



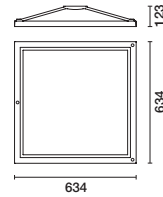
W min	W max	lm min	lm max	code colour
Multipower with midnight recognition				
LED				
4000K - CRI 70 - ST1				
29W	41W	3630	4870	BL05 B5
37W	51W	4640	6070	BL07 B5
3000K - CRI 70 - ST1				
29W	41W	3510	4710	BL04 B5
37W	51W	4490	5880	BL06 B5
4000K - CRI 70 - ST1.2				
38W	51W	4810	6220	BL09 B5
3000K - CRI 70 - ST1.2				
38W	51W	4650	6020	BL08 B5
4000K - CRI 70 - ST1C				
29W	41W	3400	4570	BL13 B5
43W	60W	5100	6830	BL15 B5
3000K - CRI 70 - ST1C				
29W	41W	3290	4420	BL12 B5
43W	60W	4930	6610	BL14 B5
4000K - CRI 70 - A60				
43W	60W	5480	7340	BL11 B5
3000K - CRI 70 - A60				
43W	60W	5300	7100	BL10 B5
4000K - CRI 70 - A45				
43W	60W	5140	6890	BL17 B5
3000K - CRI 70 - A45				
43W	60W	4980	6670	BL16 B5
IK08				



W	lm	optic	code colour
Midnight recognition			
LED			
4000K - CRI 80			
34W	2940	SC	BL03 B5
3000K - CRI 80			
34W	2800	SC	BL02 B5
IK07			



W	lm	optic	code colour
Midnight recognition			
LED			
4000K - CRI 80			
54W	5070	SC	BL19 B5
3000K - CRI 80			
54W	4840	SC	BL18 B5
IK07			



Interfaces & remote units code colour

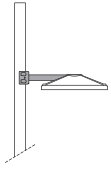


USB pen profiler

with cable and battery **BZX1** 04

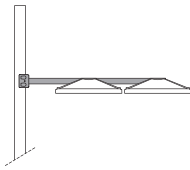
installation with arms

	length	ø pole	code colour
horizontal arm for installation of 1 assembly	398	76	BZP3 15
	411	102	BZP5 15
	for small optical assembly		
	538	76	BZP4 15
	552	102	BZP6 15
for large optical assembly	562	120	BZP7 15



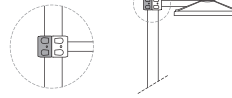
The counter flange must also be ordered in order to secure the arm to the pole.

	length	ø pole	code colour
horizontal arm for installation of 2 assemblies	840	102	BZU5 15
	for small optical assembly		
	1196	102	BZP8 15
for large optical assembly	1206	120	BZP9 15



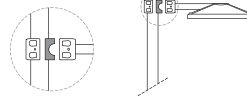
The counter flange must also be ordered in order to secure the arm to the pole.

	ø pole	code colour
counter flange	76	BZQ2 15
	102	6161 15
	120	6162 15



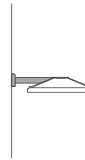
To be ordered to secure the single arm to the pole. Not required when installing two opposite arms.

	ø pole	code colour
flange adapter	60 (76)	BZQ3 15
	89 (102)	6163 15
	114 (120)	6164 15



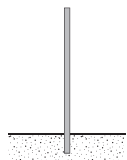
Allows the installation of the arms on poles having diameters of ø 60 - ø 89 - ø 114 mm.

		code colour
wall attachment	for small optical assembly	BZW4 15

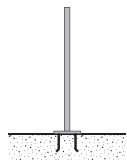


cylindrical poles for 1 optical assembly

	h above ground	ø pole	ø tang	code colour
below ground	4000	76		1271 15
	5000	102		1205 15
	6000	102	76	1518 15
	7000	120	102	1519 15



	h above ground	ø pole	ø tang	code colour
with plate	4000	76		1272 15
	5000	102		1344 15
	6000	120	102	1521 15
	7000	120	102	1522 15



accessory for poles with tangs

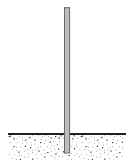
	ø pole	code colour
closure cap	102 (tang ø 76)	BZM6 15
	120 (tang ø 102)	BZM7 15



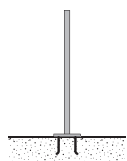


cylindrical poles for compositions with 2 optical assemblies

	h above ground ø pole		code colour
below ground	6000	102	1542 15
	7000	102	1543 15



	h above ground ø pole		code colour
with plate	6000	159/102	1597 15
	7000	159/102	1598 15



cylindrical poles for compositions with 4 optical assemblies

	h above ground ø pole		code colour
below ground	8000	127/102	1544 15
	9000	194/120	1545 15
	10000	194/120	1546 15
	12000	194/120	1552 15



	h above ground ø pole		code colour
with plate	8000	159/102	1599 15
	9000	194/120	1547 15
	10000	194/120	1548 15
	12000	194/120	1554 15



The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)





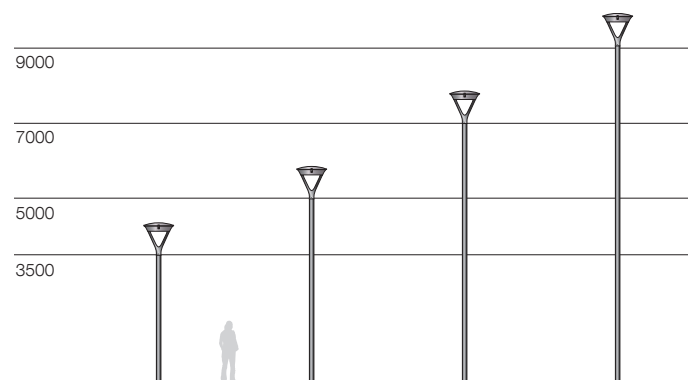
Awards
Red Dot Award

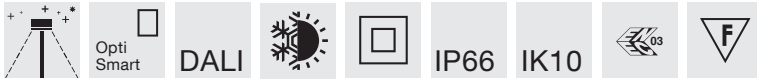


Street Optic



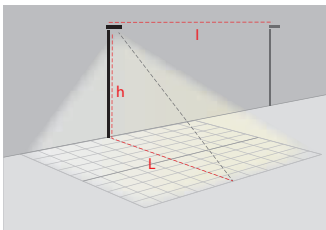
Symmetric / Elliptical optic





- Urban lighting system intended for use with LED light sources.
- Optical compartment, hatch and arms in die-cast aluminium with hardened sodium-calcium protection glass, 5 mm thick.
- No upwards dispersion of the luminous flux.
- High visual comfort
- High yield optics (Opti Smart Reflector) with uniform light distribution.
- No photo-biological risks. This luminaire is in the “Exempt Group” (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire is fully programmable as regards luminous flux emission through the MY92 device.
- DALI driver compatible with remote management systems.
- Overvoltage protection: 10kV in Common Mode (CM), 6kV in Differential Mode (DM).
- An active control system changes the current intensity in order to maintain the lifespan of the LEDs even under extreme thermal conditions.
- Installation on poles with \varnothing 76
- Pole-top installation on poles with \varnothing 60 and \varnothing 120 mm terminals; installation is achieved by using the specific adapter
- All external screws used are in A2 stainless steel.

Optics



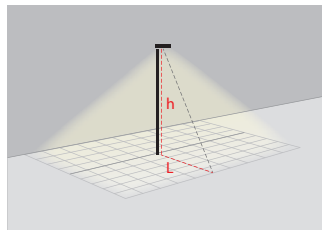
ST - Road optics

LED

ST1
 $l = 4h / d = 1$
Intensity Class: G*4

ST1.2
 $l = 4h / d = 1.2$
Intensity Class: G*4

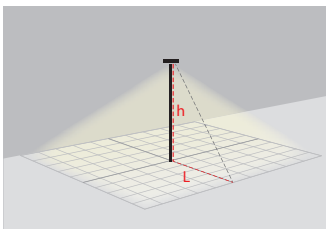
d = L/h
h = Installation height
L = Width of area to illuminate
I = Distance between poles



E - Elliptical optic

LED $h = 6 / d = 1.5$

d = L/h
h = Installation height
L = Width of area to illuminate



SM - Symmetric optics

LED $h = 7 / d = 2$

d = L/h
h = Installation height
L = Width of area to illuminate

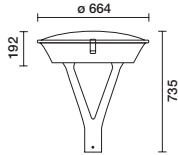


15
GREY

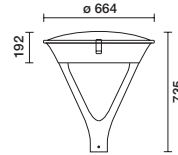
iguzzini.com code finder / download design files / save and organize favorites



W	lm	optic	code colour
Asymmetrical optical assembly			
LED			
4000K - CRI 70 - DALI			
84W	8660	ST1	EH47 15
84W	8660	ST1.2	EH49 15
3000K - CRI 70 - DALI			
84W	8380	ST1	EH48 15
84W	8380	ST1.2	EH50 15

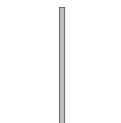


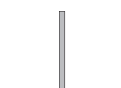
W	lm	optic	code colour
Symmetrical optical assembly			
LED			
4000K - CRI 70 - DALI			
100W	9800	E 148°/109°	EH57 15
100W	10530	SM	EH55 15
3000K - CRI 70 - DALI			
100W	9480	E 148°/109°	EH58 15
100W	10190	SM	EH56 15



Interfaces & remote units	code	colour
 Programming Interface DALI	MY92	00

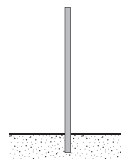
cylindrical poles

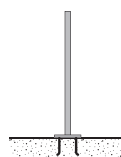
	h above ground	ø pole	ø tang	code colour
	3500	102		1203 15
	5000	102		1205 15
	6000	102	76	1518 15
	7000	120	102	1519 15
	8000	120	102	1520 15

	h above ground	ø pole	ø tang	code colour
	5000	102		1344 15
	6000	120	102	1521 15
	7000	120	102	1522 15
	8000	120	102	1523 15

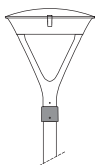
The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

tapered poles

	h above ground	ø pole	code colour
	4000	106-60	1275 15
	7000	138-60	1281 15
	9000	158-60	1282 15

	h above ground	ø pole	code colour
	7000	130-60	1283 15
	9000	150-60	1284 15

	code colour
Pole reducer	
from ø 102 to ø 76	6134 15
from ø 60 to ø 76	6152 15



La Biblioteca degli Alberi (Tree Library) - Milan, Italy

Client: Milan City Council
Landscape architect: Inside Outside
Local Landscape Architect: Studio Giorgetta
Lighting Design: Inside Outside
Photo: Paolo Carlini



Twilight

The Canberra, Odense, Paris and Bilbao versions can be created by combining Twilight Joburg with the pertinent diffuser screens.



Twilight Joburg
ST1.2 / ST0.5
SM / E

Twilight Canberra
ST1.2 / ST0.5
SM / E

Twilight Odense
ST1.2 / ST0.5
SM / E

NEW

Twilight Paris
ST1.2 / ST0.5
SM / E

design Marc Aurel



Twilight Bilbao
ST1.2 / ST0.5
SM / E

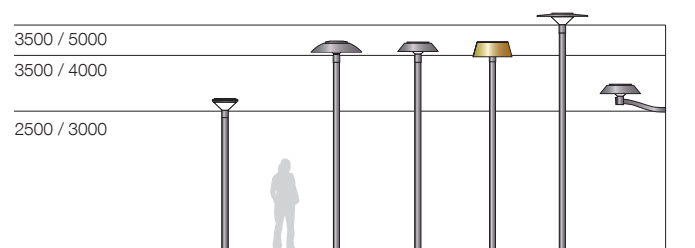


NEW
Twilight Bilbao
Methacrylate
ST1.2 / ST0.5 / SM / E



Twilight Joburg
ST1.0C

Twilight Canberra, Odense, Paris and Bilbao are also available as wall-mounted versions by combining Twilight Joburg with the pertinent diffuser screens.



Twilight



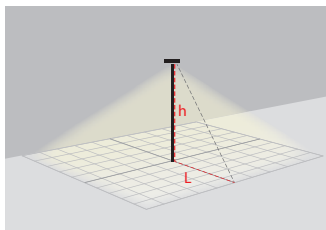
- Pole and applique street lighting system for use with LED light sources.
- Optical compartment in die-cast aluminium; PMMA protection diffuser, 3 mm thickness (IK10);
- Versions with street optics and the Optismart Lenses system, versions with symmetrical/elliptical

- optics comprising upper reflector in super-pure anodised aluminium, methacrylate lens and lower reflector in metallic PMMA.
- No upwards dispersion of the luminous flux for the Bilbao version.
 - High visual comfort.
 - No photo-biological risks. This luminaire is in the "Exempt Group"

- (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- DALI versions compatible with remote management systems and Midnight versions.
 - Installation on poles with \varnothing 60 or \varnothing 76 mm terminal.
 - Applique installation.

- All external screws used are in stainless steel.
- Product equipped with Nema 7-PIN Dali Fitting complete with protective cap.
- Product can be equipped on request with Zhaga 4-Pin fitting.

Optics

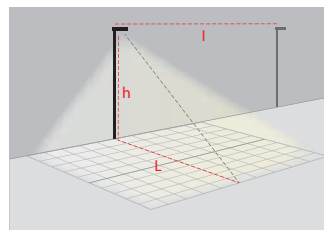


SM - Symmetric optics

LED $h = 4 / d = 2$

E - Elliptical optic

LED $h = 4 / d = 1.5$



ST - Road optics

LED **ST1.2**
 $l = 4h / d = 1.2$

ST0.5
 $l = 3.7h / d = 0.5$

ST1.0 C
 $l = 3.7h / d = 1$
for wall-mounted versions

$d = L/h$
 h = Installation height
 L = Width of area to illuminate

$d = L/h$
 h = Installation height
 L = Width of area to illuminate
 l = Distance between poles

Light emission



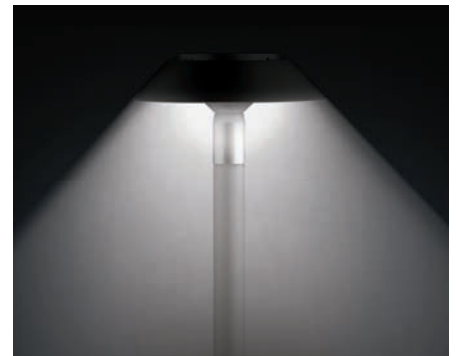
Twilight Joburg

A simple opportunity for aesthetic and power updating by replacing conventional light sources with LEDs
 G^*1 ULOR < 4% for ST1.2 and ST0.5



Twilight Bilbao Methacrylate

Another opportunity for power updating and high aesthetic value achieved by replacing conventional light sources with LEDs
 G^*3 ULOR < 6%



Twilight Bilbao

Absolute control of light pollution in compliance with the most stringent regulations.
 G^*6 ULOR < 0%



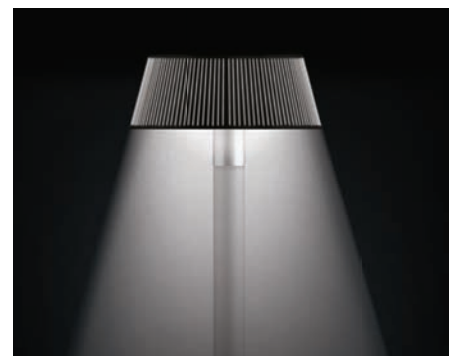
Twilight Canberra

Light pollution control and excellent semi-cylindrical distribution.
 G^*1 ULOR < 1% for ST1.2 and ST0.5



Twilight Odense

Maximum resistance to snow loads and absolute control of light pollution.
 G^*6 ULOR < 0%



Twilight Paris

Control of light pollution and high aesthetic value in urban contexts.
 G^*4 ULOR < 3%

Symmetric / Elliptical optic

The symmetrical optic is particularly suited to lighting contexts in urban areas such as parks and squares. The elliptical optic, on the other hand, is the ideal solution for lighting pedestrian or cycle paths only where necessary, thereby eliminating intrusive light.

Highly reflective super-pure aluminium reflector

Glass lens ensuring extremely high energy efficiency

Luminous flux recovery to catalyse efficiency



Die-cast aluminium dissipator

Led CoB

Opal screen for uniform and comfortable light distribution

External anti-UV and anti-vandalism screen in polycarbonate IK10

Street Optic

Street Optic uses innovative Opti Smart technology. There are three light distributions: ST1.2 for residential, urban and suburban streets, ST0.5 for pedestrian paths and bicycle lanes, and ST1.0C, highly comfortable and ideal for urban pedestrian routes.

Twilight Bilbao and Twilight Odense have the stray light reduction screen as standard.



Opti Smart Lens

Anti-reflection film



Die-cast aluminium dissipator

External anti-UV and anti-vandalism screen in polycarbonate IK10

Wall-mounted versions

The ST1.0C optic is available as a wall-mounted version for lighting alleys and narrow streets typical of historic city centres.

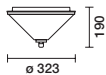
Products include comfort glass and screen to reduce stray light.



Screen to reduce stray light.



W	lm	optic	code colour
LED			
4000K - CRI 80 - DALI			
20W	2080	E 98°/110°	E002 15
30W	3460	E 98°/118°	E014 15
20W	2160	SM	E000 15
30W	3370	SM	E012 15



3000K - CRI 80 - DALI			
20W	2030	E 98°/110°	E003 15
30W	3370	E 98°/118°	E015 15
20W	2110	SM	E001 15
30W	3290	SM	E013 15

2200K - CRI 65 - DALI			
20W	1960	E 98°/110°	EM36 15
31W	3250	E 98°/118°	EM37 15
20W	2040	SM	EM38 15
31W	3170	SM	EM39 15

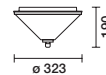
4000K - CRI 80 - Middle of the night			
20W	2080	E 98°/110°	E026 15
30W	3460	E 98°/118°	E038 15
20W	2160	SM	E024 15
30W	3370	SM	E036 15

3000K - CRI 80 - Middle of the night			
20W	2030	E 98°/110°	E027 15
30W	3370	E 98°/118°	E039 15
20W	2110	SM	E025 15
30W	3290	SM	E037 15

2200K - CRI 65 - Middle of the night			
20W	1960	E 98°/110°	EM40 15
31W	3250	E 98°/118°	EM41 15
20W	2040	SM	EM42 15
31W	3170	SM	EM43 15



W	lm	optic	code colour
LED			
4000K - CRI 70 - DALI			
31W	2940	ST0.5	E820 15
• 47W	4350	ST0.5	EP30 15
31W	2980	ST1.2	E822 15
• 47W	4350	ST1.2	EP31 15



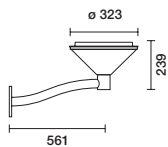
3000K - CRI 70 - DALI			
31W	2850	ST0.5	E821 15
• 47W	4350	ST0.5	EP32 15
31W	2890	ST1.2	E823 15
• 47W	4350	ST1.2	EP33 15

4000K - CRI 70 - Middle of the night			
31W	2940	ST0.5	E855 15
• 47W	4350	ST0.5	EP34 15
31W	2980	ST1.2	E857 15
• 47W	4350	ST1.2	EP35 15

3000K - CRI 70 - Middle of the night			
31W	2850	ST0.5	E856 15
• 47W	4350	ST0.5	EP36 15
31W	2890	ST1.2	E858 15
• 47W	4350	ST1.2	EP37 15



W	lm	optic	code colour
LED			
4000K - CRI 70 - DALI			
• 31W	2400	ST1.2	EP38 15
• 47W	4350	ST1.2	EP39 15
31W	2390	ST1C	E891 15



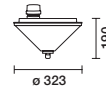
3000K - CRI 70 - DALI			
• 31W	2400	ST1.2	EP40 15
• 47W	4350	ST1.2	EP41 15
31W	2320	ST1C	E892 15

4000K - CRI 70 - Middle of the night			
• 31W	2400	ST1.2	EP42 15
• 47W	4350	ST1.2	EP43 15
31W	2390	ST1C	E893 15

3000K - CRI 70 - Middle of the night			
• 31W	2400	ST1.2	EP44 15
• 47W	4350	ST1.2	EP45 15
31W	2320	ST1C	E894 15

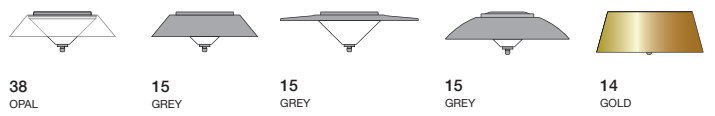


W	lm	optic	code colour
NEMA			
LED			
4000K - CRI 70 - DALI			
32W	3530	E	EJ38 15
32W	3140	SM	EJ39 15



3000K - CRI 70 - DALI			
32W	3530	E	EJ41 15
32W	3140	SM	EJ42 15

ZHAGA version available from July



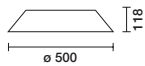
new

Bilbao, Canberra, Odense: available
 Bilbao opal: available from March
 Paris: available from April

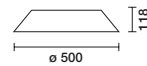
iguzzini.com code finder / download design files / save and organize favorites



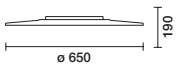
code colour
Bilbao diffuser screen
 X483 15



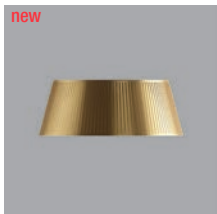
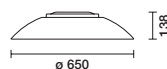
code colour
Bilbao opal diffuser screen
 JYY2 38



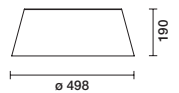
code colour
Canberra diffuser screen
 X484 15



code colour
Odense diffuser screen
 X485 15



code colour
Paris diffuser screen
 X530 14



Optical accessories code colour

- Screen to reduce stray light **MZ22** 04

- Comfort Screen
for street optic **X237** 24

Interfaces & remote units code colour

- Programming Interface DALI **X430** 00
for SM / E - DALI optics
MY92 00
for ST optics

- Programming Interface NFC **X410** 00
for SM / E optics - Middle of the night

Control gear code colour

- IP68 connector 5-pole **BZS6** 04

- 2-way connector with 2 pole terminal IP68
Suitable for 2x2.5 mm2 cables **BZK6** 00

- Cable set for programming Interface DALI **MZ36** 00

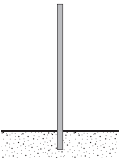
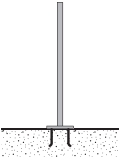
Mounting accessories code colour

- Adapter required for installation on pole - To be ordered together with optic assembly
for ø 60 terminal **X102** 15
for ø 76 terminal **X126** 15

- Pole reducer
from ø 102 to 76 **6134** 15

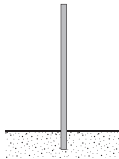


cylindrical poles

	h above ground	ø pole	ø tang	code colour
below ground 	2500	60		E062 15
	3500	60		E063 15
	4000	76	60	E064 15
	4000	76		1271 15
	5000	102		1205 15
	6000	102		1542 15
with plate 	4000	76		1272 15
	5000	102		1344 15

The technical characteristics of the poles are detailed on page 585

tapered poles

	h above ground	ø pole	code colour
below ground 	4000	106-60	1275 15

BV Wohnen Plus – Hildesheim, Germany

Photo: Kaffee, Milch & Zucker, Dirk.Andre Betz





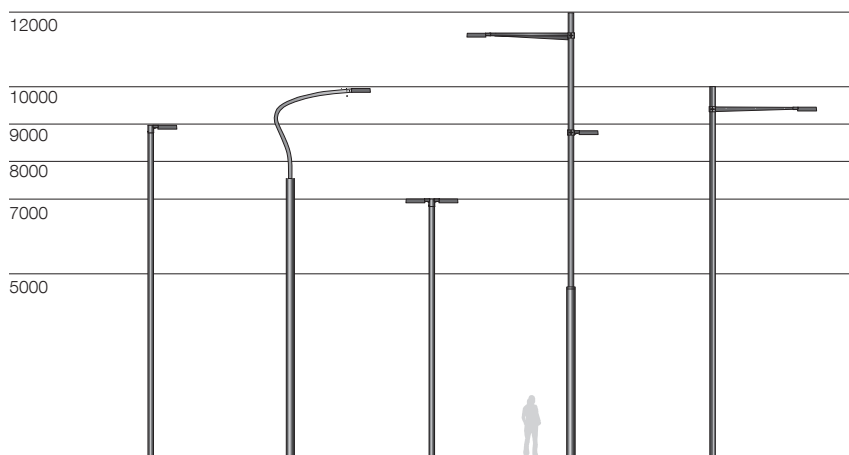




214x506



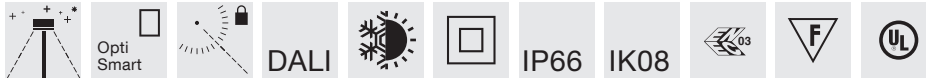
276x619



**Street lighting -
Macerata, Italy**

Client: Macerata City Council
Lighting project: Macerata Academy
of Fine Arts - Course in Lighting
Design, Francesca Cecarini Impianti:
Atlantico
Photo: iGuzzini Archive

Platea Pro



- Street lighting system for use with LED light sources.
- Pole or wall installation.
- Comprising optical compartment, pole, arm and pole-top.
- Optical compartment in die-cast aluminium; sodium-calcium tempered protection glass, with 5 mm thickness.
- Die-cast aluminium pole head with single and double fitting for poles ø 60/76/102/120 mm, and triple ø 102/120 mm.

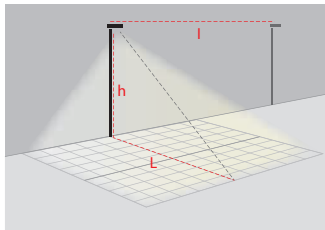
- Side mount in die-cast aluminium for whip-type poles having diameters between ø 46 and ø 76 mm.
- No upwards dispersion of the luminous flux.
- Adjustable optical compartment.
- High visual comfort.
- Optical polymer lenses for high yield and uniform light distribution.
- No photo-biological risks. This luminaire is in the "Exempt Group".
- Compatibility with remote

- management systems thanks to the "DALI LED Driver".
- The luminaire is fully programmable as regards luminous flux emission, Midnight recognition and bi-power settings.
- Common mode surge protection up to 10 KV, differential protection up to 6 KV
- Replaceable driver and power supply unit.
- All external screws used are in stainless steel.



Adjustability of product
+15° / -5°

Optics



$d = L/h$
 h = Installation height
 L = Width of area to illuminate
 I = Distance between poles

ST - Road optics

LED

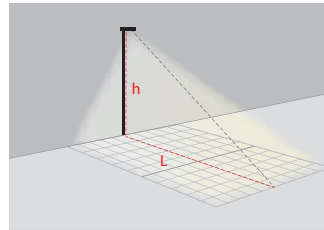
ST1
 $I = 4h / d = 1$
Intensity Class: G*3

ST1.2
 $I = 4h / d = 1.2$
Intensity Class: G*3

ST0.5
 $I = 3.7h / d = 0.5$
Intensity Class: G*3

ST0.8C
 $I = 3.7h / d = 0.5$
Intensity Class: G*6

ST1C
 $I = 3.7h / d = 1$
Intensity Class: G*6



$d = L/h$
 h = Installation height
 L = Width of area to illuminate

A - Asymmetric optic

LED

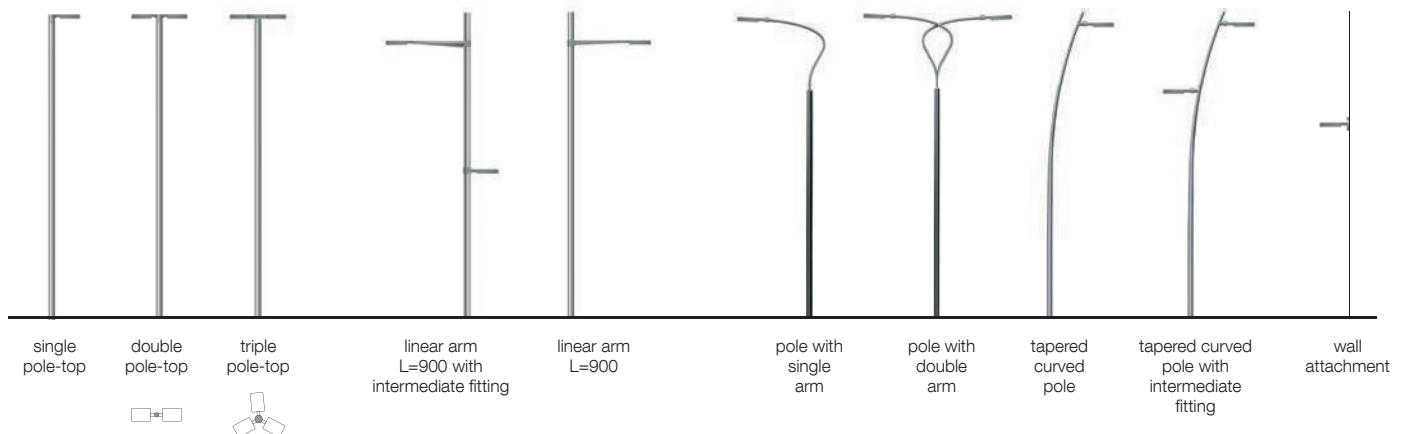
A45
 $h = 7 / d = 1.6$

Compositions

Pole-top

Linear arms

Shaped poles



Floodlights

The floodlight range is shown on page 738



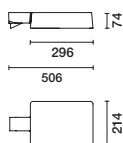
214x296

276x406

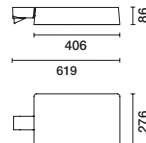
iguzzini.com code finder / download design files / save and organize favorites



W	lm	optic	code	colour
LED				
4000K - CRI 70 - DALI				
33W	3630	ST0.5	P876	15
33W	3630	ST1	P870	15
33W	3230	ST0.8C	P872	15
33W	3770	A45	P874	15
3000K - CRI 70 - DALI				
33W	3510	ST0.5	P877	15
33W	3510	ST1	P871	15
33W	3130	ST0.8C	P873	15
33W	3640	A45	P875	15



W	lm	optic	code	colour
LED				
4000K - CRI 70 - DALI				
58W	6740	ST0.5	P884	15
86W	10040	ST0.5	P892	15
58W	6830	ST1	P878	15
86W	10160	ST1	P886	15
86W	10040	ST1.2	P888	15
58W	6080	ST1C	P880	15
58W	6990	A45	P882	15
86W	10410	A45	P890	15
3000K - CRI 70 - DALI				
58W	6530	ST0.5	P885	15
86W	9720	ST0.5	P893	15
58W	6600	ST1	P879	15
86W	9840	ST1	P887	15
86W	9720	ST1.2	P889	15
58W	5890	ST1C	P881	15
58W	6770	A45	P883	15
86W	10080	A45	P891	15



Interfaces & remote units



Programming Interface
DALI

code **MY92**
colour 00

Control gear



Cable set for programming
Interface DALI

code **MZ36**
colour 00



pole top installation on cylindrical poles

	ø pole coupling	code colour
single	60	BD13 15
	76	BD15 15
	102	BD17 15
	120	6120 15
double	60	BD14 15
	76	BD16 15
	102	BD18 15
	120	6121 15
triple	102	BD19 15
	120	6122 15



installation with arms on cylindrical poles

	length	ø pole	code colour
linear	500	102	MY70 15
	900	102	MY71 15
	1500	102	MY72 15
linear	900	102	BZ44 15
	900	120	6130 15
	1500	102	BZ45 15
	1500	120	6131 15
counter flange	102	BZ46 15	
	120	6132 15	
angled with tie-rod	900	102	BZ48 15
	1500	102	6135 15
intermediate fitting	102	BD21 04-15	
	120	6123 15	

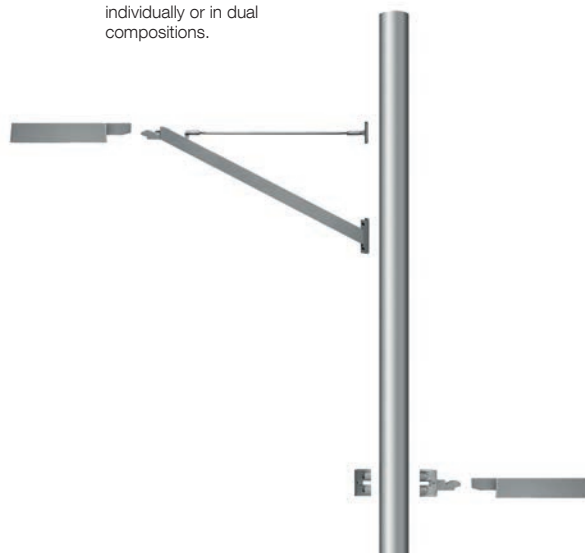
The counter flange must also be ordered in order to secure the arm to the pole.

To be ordered to secure the linear arm without tie-rod to the pole. Not required when installing two opposite arms.

Can only be used with Argo and Delphi (small body).



The arms can be installed individually or in dual compositions.





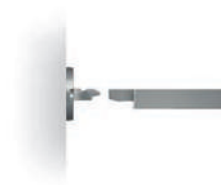
15
GREY

74
GREY/
BLACK

wall-mounted installation

code colour
BD20 04-15

wall attachment



cylindrical poles for installation on pole top with 1/2 optical assemblies

	h above ground	ø pole	ø tang	code colour
below ground	2500	60		E062 15
	3500	60		E063 15
	4000	76	60	E064 15
	4000	76		1271 15
	5000	102		1205 15
	6000	102	76	1518 15
	7000	120	102	1519 15
8000	120	102	1520 15	
with plate	4000	76		1272 15
	5000	102		1344 15
	6000	120		1521 15
	7000	120	102	1522 15
	8000	120	102	1523 15

cylindrical poles for installation with arms

	h above ground	ø pole	code colour
below ground	5000	102	1205 15
	6000	102	1542 15
	7000	102	1543 15
	8000	102	1543 15
with plate	5000	102	1344 15
	6000	159/102	1597 15
	7000	159/102	1598 15
	8000	159/102	1599 15

The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

installation on shaped poles

	ø lateral coupling	code colour
lateral coupling	46 to 76 mm	BZC9 04-15
decorative tip with LED	LED Blue	BZC5 01
	LED Neutral white	BZC6 01

For curved tapered poles

The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

shaped poles

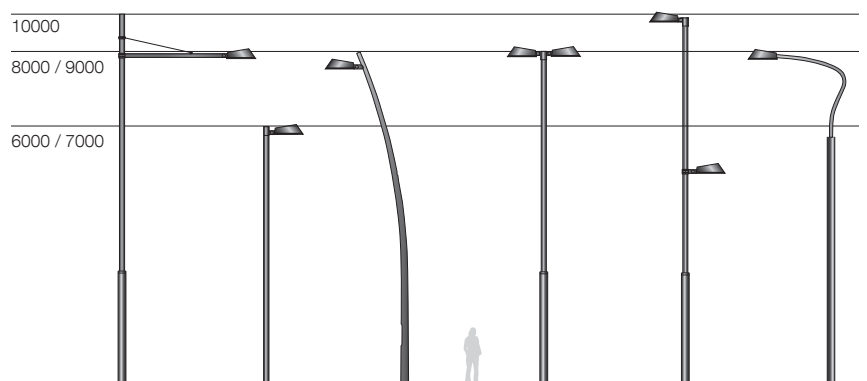
	h above ground	ø pole	ø lateral coupling	code colour
below ground	with single arm			
	6700	160	76	1511 74
	8700	160	76	1515 74
	with double arm			
with plate	6700	160	76	1585 74
	8700	160	76	1588 74
with plate	with single arm			
	6700	160	76	1566 74
	8700	160	76	1570 74
	with double arm			
curved tapered	6700	160	76	1909 74
	8700	160	76	1910 74
curved tapered	6000	147 max	60	1506 15
	6000	147 max	60	*1508 15
	8000	172 max	60	1507 15
	8000	172 max	60	*1509 15

* Versions with intermediate fitting



OBS
Til Nylandsveien
Hverdager 07-09

40



**Dronning Eufemias gate,
Queen Eufemias Street -
Oslo, Norway**

Client: Statens Vegvesen
Architectural Project: Birger Heyerdal
arkitekter AS
Lighting Project: Electro-
Nova AS – Zenisk AS
Photo: Tomasz Majewski



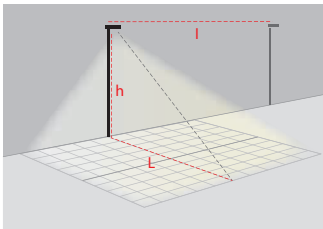
- Urban lighting system intended for use with LED light sources.
- Pole or wall installation.
- Comprising an optical compartment, pole, arm (single or double) and pole-top (single, double or triple).
- Frame type optical compartment in die-cast aluminium; frame secured with captive screws; tempered sodium-calcium sealing glass, thickness 4 mm. internal retention cables made of galvanised steel; reflector in 99.9% super-pure aluminium. porcelain lamp-holder secured with anodised aluminium supports;

- lamp anti-loosening device.
- Aluminium pole top and arms.
- Side mount in die-cast aluminium for whip-type poles having diameters between $\varnothing 46$ and $\varnothing 76$ mm.
- No upwards dispersion of the luminous flux.
- Adjustable optical compartment
- High visual comfort
- High yield optics (Opti Smart Reflector) with uniform light distribution.
- No photo-biological risks. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light

- and UV radiation) in accordance with EN 62471:2008.
- The luminaire is fully programmable as regards luminous flux emission through the MY92 device.
- DALI driver compatible with remote management systems.
- Overvoltage protection: 10kV in Common Mode (CM), 6kV in Differential Mode (DM).
- An active control system changes the current intensity in order to maintain the lifespan of the LEDs even under extreme thermal conditions.

- Replaceable LED group.
- Driver unit can be replaced without needing tools.
- All external screws used are in A2 stainless steel.

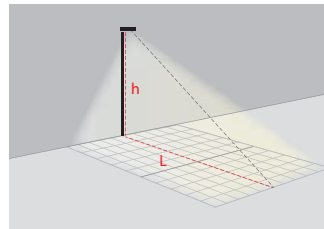
Optics



$d = L/h$
 h = Installation height
 L = Width of area to illuminate
 l = Distance between poles

ST - Road optics

LED	ST1 $l = 4h / d = 1$ Intensity Class: G*4
	ST1.2 $l = 4h / d = 1.2$ Intensity Class: G*4
	ST1C $l = 3.7h / d = 1$ Intensity Class: G*6



$d = L/h$
 h = Installation height
 L = Width of area to illuminate

A - Asymmetric optic

LED	A60 $h = 7 / d = 2$
	A45 $h = 7 / d = 1.6$

Compositions

Pole-top



single pole-top double pole-top triple pole-top



Arms

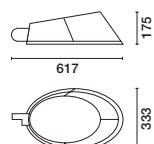


single arm L=900 with fitting intermediate double arm L=900

Shaped poles



pole with single arm pole with double arm tapered curved pole tapered curved pole with intermediate fitting wall attachment



W	lm	optic	code	colour
LED				
4000K - CRI 70 - DALI				
36W	3670	ST1	EH21	15
56W	6220	ST1	EH23	15
84W	9200	ST1	EH25	15
84W	9310	ST1.2	EH27	15
100W	11850	A60	EH29	15
100W	10260	A45	EH31	15
3000K - CRI 70 - DALI				
36W	3550	ST1	EH22	15
56W	6020	ST1	EH24	15
84W	8900	ST1	EH26	15
84W	9010	ST1.2	EH28	15
100W	11470	A60	EH30	15
100W	9930	A45	EH32	15

Interfaces & remote units	code	colour
Programming Interface DALI	MY92	00

installation with arms on cylindrical poles

	length	ø pole	code	colour
single 	900	102	B437	15
	900	120	B440	15
	1500	102	B438	15
	1500	120	B441	15
double 	1800	102	B443	15
	1800	120	B446	15
	3000	102	B444	15
	3000	120	B447	15
intermediate fitting 		102	B459	15
		120	B460	15

The arms can only be installed on iguzzini poles



installation on shaped poles

	ø lateral coupling	code	colour
lateral coupling 	from ø 46 to ø 76 mm	BZC8	15
decorative tip with LED 	LED Blue	BZC5	01
	LED Neutral white	BZC6	01

For curved tapered poles

wall-mounted installation

	code	colour
wall attachment 	B223	15



15
GREY



74
GREY/
BLACK

installation on pole top

	ø pole coupling	code colour
single	60	*BZG3 15
	76	*BZG4 15
	102	B450 15
	120	B220 15
double	60	BZG5 15
	76	*BZG6 15
	102	B451 15
	120	B221 15
triple	102	*B452 15
	120	B222 15

* To be used with terminal strip code 1865 (refer to the instruction sheet)



cylindrical poles

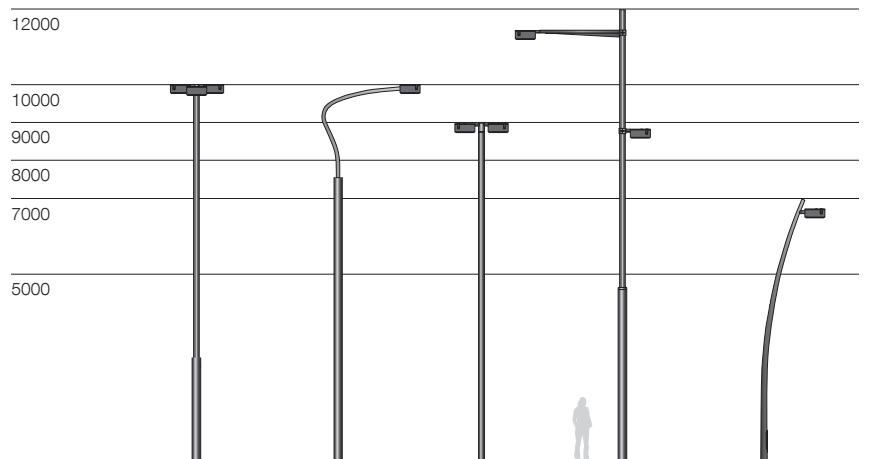
	h above ground	ø pole	code colour
below ground	6000	102	1542 15
	8000	102	1543 15
	8000	127/102	1544 15
	9000	194/120	1545 15
	10000	194/120	1546 15
	12000	194/120	1552 15
with plate	6000	159/102	1597 15
	7000	159/102	1598 15
	8000	159/102	1599 15
	9000	194/120	1547 15
	10000	194/120	1548 15
	12000	194/120	1554 15

shaped poles

	h above ground	ø pole	ø lateral coupling	code colour
below ground	with single arm			
	6700	160	76	1511 74
	8700	160	76	1515 74
	with double arm			
	6700	160	76	1585 74
	8700	160	76	1588 74
with plate	with single arm			
	6700	160	76	1566 74
	8700	160	76	1570 74
	with double arm			
	6700	160	76	1909 74
	8700	160	76	1910 74
curved tapered	6000	147 max	60	1506 15
	6000	147 max	60	*1508 15
	8000	172 max	60	1507 15
	8000	172 max	60	*1509 15

The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

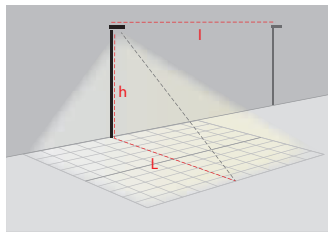
* Versions with intermediate fitting





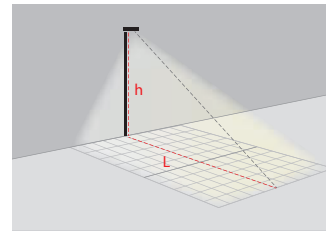
- Urban lighting system intended for use with LED light sources.
- Pole or wall installation.
- Comprising optical compartment, pole, arm (single or double) and pole-top.
- Optical compartment and hatch in die-cast aluminium; tempered sodium-calcium sealing glass, thickness 5 mm. 50 Shore black silicone gasket; 99.93% super-pure polished and anodised aluminium reflector.
- Die-cast aluminium pole head with single and double fitting for poles
- Side mount in die-cast aluminium for whip-type poles having diameters between $\varnothing 46$ and $\varnothing 76$ mm.
- No upwards dispersion of the luminous flux.
- Adjustable optical compartment.
- High visual comfort.
- High yield optics (Opti Smart Reflector) with uniform light distribution.
- No photo-biological risks. This luminaire is in the "Exempt Group"
- $\varnothing 60, 76, 102, 120$ mm, and triple $\varnothing 102, 120$ mm.
- (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire is fully programmable as regards luminous flux emission through the MY92 device.
- DALI driver compatible with remote management systems.
- Overvoltage protection: 10kV in Common Mode (CM), 6kV in Differential Mode (DM).
- An active control system changes the current intensity in order to maintain the lifespan of the LEDs
- even under extreme thermal conditions.
- Replaceable driver and power supply unit.
- All external screws used are in A2 stainless steel.

Optics



ST - Road optics

LED	ST1 $l = 4h / d = 1$ Intensity Class: G*4
	ST1.2 $l = 4h / d = 1.2$ Intensity Class: G*4



A - Asymmetric optic

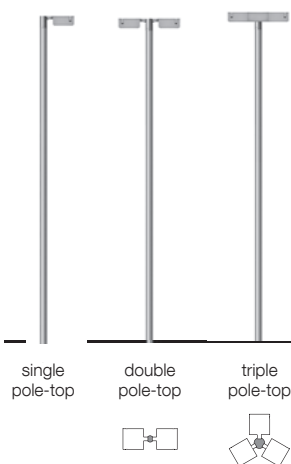
LED	A60 $h = 7 / d = 2$
	A45 $h = 7 / d = 1.6$

$d = L/h$
 h = Installation height
 L = Width of area to illuminate
 I = Distance between poles

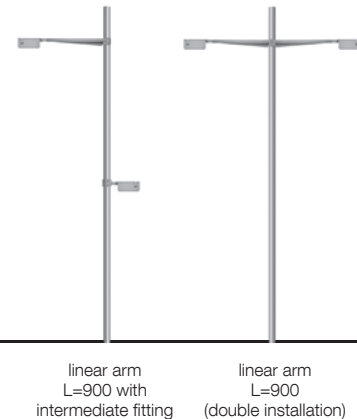
$d = L/h$
 h = Installation height
 L = Width of area to illuminate

Compositions

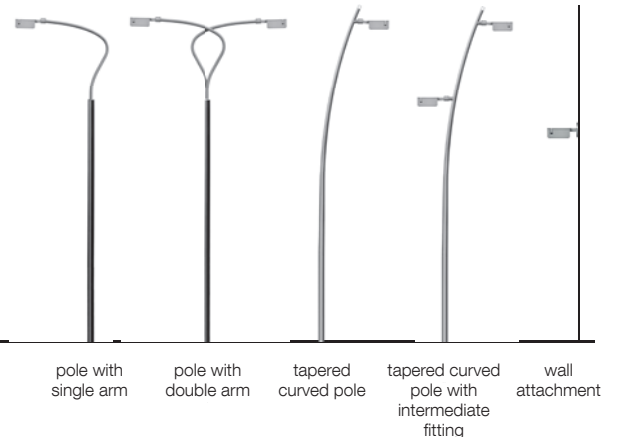
Pole-top

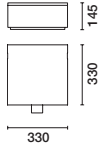


Linear arms



Shaped poles





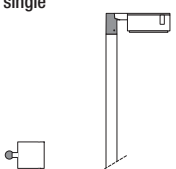
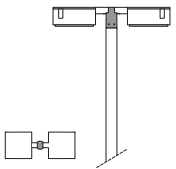
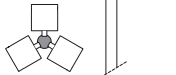
W	lm	optic	code colour
LED			
4000K - CRI 70 - DALI			
36W	3720	ST1	EH07 15
57W	6260	ST1	EH09 15
84W	9180	ST1	EH11 15
84W	9300	ST1.2	EH13 15
100W	11600	A60	EH15 15
100W	10150	A45	EH17 15
3000K - CRI 70 - DALI			
36W	3600	ST1	EH08 15
57W	6060	ST1	EH10 15
84W	8890	ST1	EH12 15
84W	9000	ST1.2	EH14 15
100W	11220	A60	EH16 15
100W	9820	A45	EH18 15

Interfaces & remote units	code	colour
 Programming Interface DALI	MY92	00



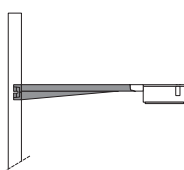
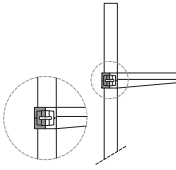
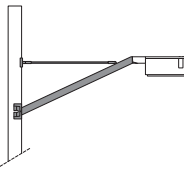
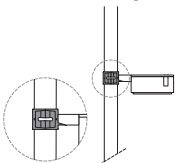
**Piazza d'Armi -
Santiago del Chile, Chile**
Architectural Project: Rodrigo Pérez de Arce & Sebastián Bianchi
Lighting project: Tallerdos (Ramón López & Matías López)
Photo: Cristian Barahona M.

pole top installation on cylindrical poles

	ø pole coupling	code colour
single 	60	BD13 15
	76	BD15 15
	102	BD17 15
	120	6120 15
double 	60	BD14 15
	76	BD16 15
	102	BD18 15
	120	6121 15
triple 	102	BD19 15
	120	6122 15



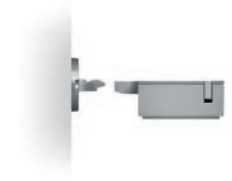
installation with arms on cylindrical poles

	length	ø pole	code colour
linear 	900	102	BZ44 15
	900	120	6130 15
	1500	102	BZ45 15
	1500	120	6131 15
The counter flange must also be ordered in order to secure the arm to the pole.			
counter flange 		102	BZ46 15
		120	6132 15
To be ordered to secure the linear arm without tie-rod to the pole. Not required when installing two opposite arms.			
angled with tie-rod 	900	102	BZ48 15
	1500	102	6135 15
Can only be used with Argo and Delphi (small body).			
intermediate fitting 		102	BD21 04-15
		120	6123 15



wall-mounted installation

	code colour
wall attachment 	BD20 04-15





15
GREY

74
GREY/
BLACK

cylindrical poles for installation on pole top with 1/2 optical assemblies

	h above ground	ø pole	ø tang	code colour
below ground 	3500	102		*1203 15
	5000	102		1205 15
	5000	120		1291 15
	6000	102	76	1518 15
	7000	120	102	1519 15
	8000	120	102	1520 15
	9000	120		1274 15
	9000	194/120		1545 15
	10000	194/120		1546 15
	12000	194/120		1552 15
with plate 	5000	102		1344 15
	5000	120		1292 15
	6000	120		1521 15
	7000	120	102	1522 15
	8000	120	102	1523 15
	9000	194/120		1547 15
	10000	194/120		1548 15
	12000	194/120		1554 15

* Cannot be used for installation with the large optical assembly

cylindrical poles for installation on pole top with 3 optical assemblies or with arms

	h above ground	ø pole	code colour
below ground 	5000	120	1291 15
	6000	102	1542 15
	7000	102	1543 15
	8000	127/102	1544 15
	9000	194/120	1545 15
	10000	194/120	1546 15
	12000	194/120	1552 15
	with plate 	6000	159/102
7000		159/102	1598 15
8000		159/102	1599 15
9000		194/120	1547 15
10000		194/120	1548 15
12000		194/120	1554 15

The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

installation on shaped poles

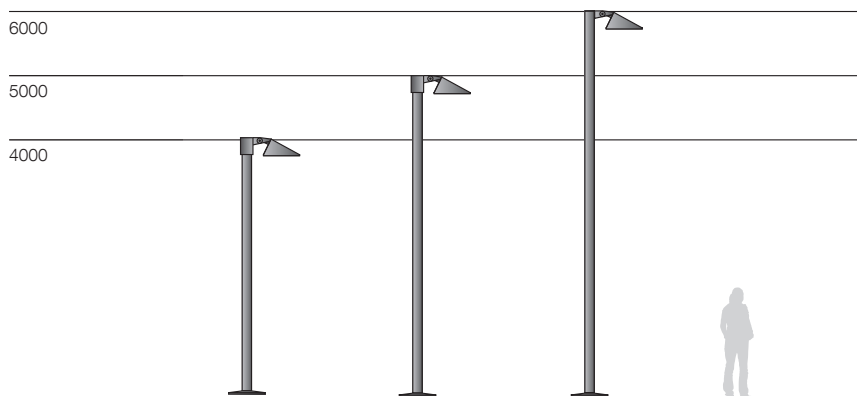
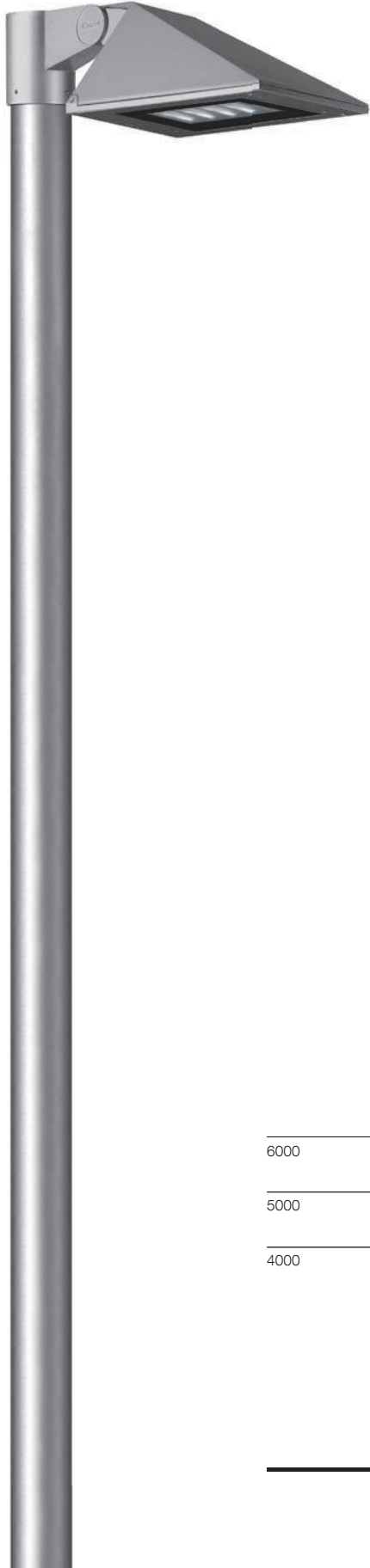
	ø lateral coupling	code colour
lateral coupling 	46 to 76 mm	BZC9 04-15
decorative tip with LED 	LED Blue	BZC5 01
	LED Neutral white	BZC6 01
	For curved tapered poles	

shaped poles

	h above ground	ø pole	ø lateral coupling	code colour
below ground 	with single arm			
	6700	160	76	1511 74
	8700	160	76	1515 74
	with double arm			
	6700	160	76	1585 74
	8700	160	76	1588 74
with plate 	with single arm			
	6700	160	76	1566 74
	8700	160	76	1570 74
	with double arm			
	6700	160	76	1909 74
	8700	160	76	1910 74
	curved tapered			
	6000	147 max	60	1506 15
	6000	147 max	60	*1508 15
	8000	172 max	60	1507 15
	8000	172 max	60	*1509 15

* Versions with intermediate fitting

The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)





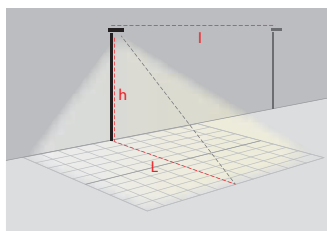
- Floodlight intended for use with LED light sources.
- Installation on poles and walls. Also available in versions complete with pole (h = 2500 and 3500 mm).
- Optical compartment and frame in die-cast aluminium; clear sodium-calcium tempered sealing glass, 4 mm thick; super-pure aluminium reflector.
- Optical compartment adjustment by +45°/-20° in relation to horizontal plane.

- Versions complete with pole comprise a support in extruded aluminium (h = 2500 mm) or 70 micron hot galvanised steel (h = 3500 mm); fixing plate and cover casing in die-cast aluminium alloy.
- Wall-mount versions comprise a base in die-cast aluminium alloy.
- No upwards dispersion of the luminous flux.
- High visual comfort
- Graduated scale and mechanical aiming lock.

- No photo-biological risks. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire is fully programmable as regards luminous flux emission through the MY92 device.
- An active control system changes the current intensity in order to maintain the lifespan of the LEDs even under extreme thermal conditions.

- DALI driver compatible with remote management systems.
- Accessory box with double PG for pass-through wiring.
- All external screws used are in A2 stainless steel.

Optics

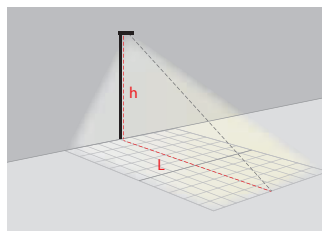


ST - Road optics

LED

ST1
 $l = 4h / d = 1$
Intensity Class: G*4

ST1C
 $l = 3.7h / d = 1$
Intensity Class: G*6



A - Asymmetric optic

LED

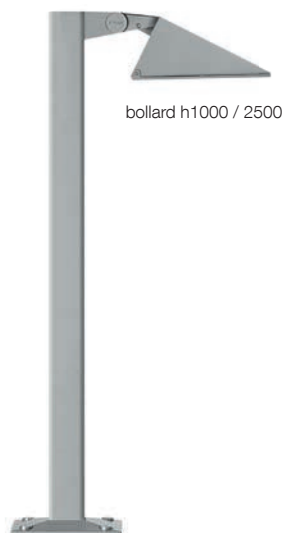
A45
 $h = 7 / d = 1.6$

$d = L/h$
h = Installation height
L = Width of area to illuminate
I = Distance between poles

$d = L/h$
h = Installation height
L = Width of area to illuminate

Versions

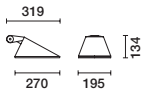
iTeka is also available in bollard version (h1000 and h2500), floodlight and floodlight with arm presented on page 854.





W	lm	optic	code	colour
Floodlight for poles				
LED				
4000K - CRI 70 - DALI				
23W	2550	ST1	BU47	15
23W	2360	A45C	BU49	15
3000K - CRI 70 - DALI				
23W	2470	ST1	BV23	15
23W	2280	A45C	BV25	15

Interfaces & remote units	code	colour
Programming Interface DALI	MY92	00



cylindrical poles

	h above ground	ø pole	ø tang	code	colour
below ground 	4000	76		1271	15
	5000	102		1205	15
	6000	102	76	1518	15
with plate 	4000	76		1272	15
	5000	102		1344	15
	6000	120	102	1521	15

The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

tapered poles

	h above ground	ø pole	code	colour
below ground 	4000	106-60	1275	15

installation on pole top

	ø pole coupling	code	colour
single 	60	X002	15
	76	X003	15
double 	60	X004	15
	76	X005	15





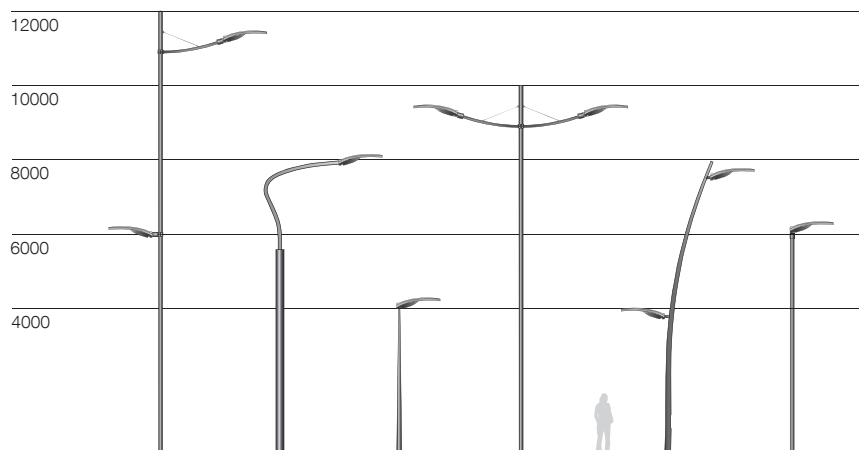
307x620



415x758



505x807





- Urban lighting system intended for use with LED light sources.
- Installation on poles with pole-tops using lateral arms or on whip-type poles with \varnothing 46/60/76 mm diameter connection.
- Reflectors in silver aluminium.
- Optical compartment in die-cast aluminium; hot dip galvanised steel tubular arms; sodium-calcium sealing glass, 5 mm thick, siliconed to frame that closes the LED compartment with a hinge and 2 screws.
- No upwards dispersion of the luminous flux.
- This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- Adjustable optical compartment.
- High visual comfort.
- No photo-biological risks.
- High yield optics (Opti Smart Reflector) with uniform light distribution.
- The luminaire is fully programmable as regards luminous flux emission through the MY92 device.
- DALI driver compatible with remote management systems.
- Overvoltage protection: 10kV in Common Mode (CM), 6kV in Differential Mode (DM).
- An active control system changes the current intensity in order to maintain the lifespan of the LEDs even under extreme thermal conditions.
- Replaceable LED group.
- Replaceable driver and power supply unit.
- All external screws used are in A2 stainless steel.

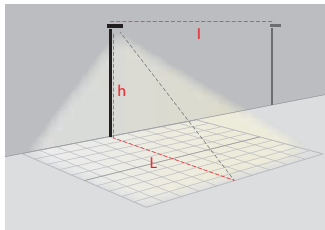


Replaceable LED optical compartment



Adjustability of product +20° / -20°

Optics



$d = L/h$
h = Installation height
L = Width of area to illuminate
I = Distance between poles

ST - Road optics

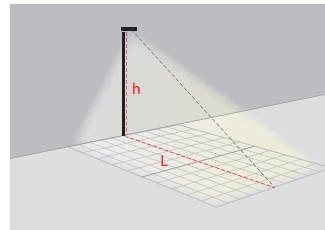
LED

ST1
 $I = 4h / d = 1$
Intensity Class: G*4

ST1.2
 $I = 4h / d = 1.2$
Intensity Class: G*4

ST1C
 $I = 3.7h / d = 1$
Intensity Class: G*6

STO.8C
 $I = 5h$
 $d = 0.5 / 0.8$
Intensity Class: G*6



$d = L/h$
h = Installation height
L = Width of area to illuminate

A - Asymmetric optic

LED

A60
 $h = 7 / d = 2$

A45
 $h = 7 / d = 1.6$

Compositions

Pole-top



single pole-top double pole-top triple pole-top



Arms



arms L=900 (double installation) single arm L=900 with intermediate

Shaped poles



pole with single arm pole with double arm tapered curved pole with intermediate fitting tapered curved pole wall attachment



W	lm	optic	code	colour
---	----	-------	------	--------

High Efficiency
Ending part from ø 46 to ø 76 mm

LED

4000K - CRI 70 - DALI

24W	3050	ST1	EC28	15
29W	3810	ST1	EC30	15
34W	4560	ST1	EC32	15
33W	4200	ST1.2	EC34	15
34W	4620	ST1.2	EC36	15

3000K - CRI 70 - DALI

24W	2950	ST1	EC45	15
29W	3690	ST1	EC47	15
34W	4420	ST1	EC49	15
33W	4070	ST1.2	EC51	15
34W	4470	ST1.2	EC53	15

High Output
Ending part from ø 46 to ø 76 mm

LED

4000K - CRI 70 - DALI

36W	4000	ST1	EC25	15
53W	6000	ST1	EC26	15
70W	8000	ST1	EC27	15
76W	9000	ST1	EC29	15
83W	10000	ST1	EC31	15
63W	7500	ST1.2	EC33	15
83W	10120	ST1.2	EC35	15
36W	3660	ST0.8C	EC37	15
63W	6870	ST1C	EC38	15
75W	8440	A60	EC39	15
75W	7520	A45	EC41	15

3000K - CRI 70 - DALI

36W	3870	ST1	EC42	15
53W	5800	ST1	EC43	15
70W	7740	ST1	EC44	15
76W	8710	ST1	EC46	15
83W	9680	ST1	EC48	15
63W	7250	ST1.2	EC50	15
83W	9790	ST1.2	EC52	15
36W	3540	ST0.8C	EC54	15
63W	6650	ST1C	EC55	15
75W	8170	A60	EC56	15
75W	7280	A45	EC58	15



W	lm	optic	code	colour
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Ending part from ø 46 to ø 76 mm

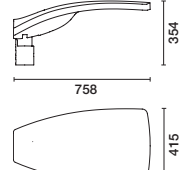
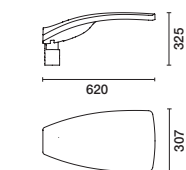
LED

4000K - CRI 70 - DALI

101W	12250	ST1	ED72	15
127W	15330	ST1	ED82	15
162W	18970	ST1	ED88	15
101W	12400	ST1.2	ED74	15
127W	15520	ST1.2	ED84	15
162W	19210	ST1.2	ED90	15
101W	11490	ST1C	ED76	15
127W	14380	ST1C	ED86	15
101W	12670	A60	ED78	15
162W	19620	A60	ED92	15
101W	11620	A45	ED80	15
162W	17990	A45	ED94	15

3000K - CRI 70 - DALI

101W	11850	ST1	ED73	15
127W	14840	ST1	ED83	15
162W	18360	ST1	ED89	15
101W	12000	ST1.2	ED75	15
127W	15020	ST1.2	ED85	15
162W	18590	ST1.2	ED91	15
101W	11120	ST1C	ED77	15
127W	13920	ST1C	ED87	15
101W	12260	A60	ED79	15
162W	18990	A60	ED93	15
101W	11240	A45	ED81	15
162W	17410	A45	ED95	15



W	lm	optic	code	colour
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Ending part from ø 46 to ø 76 mm

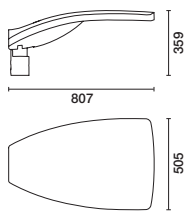
LED

4000K - CRI 70 - DALI

192W	22260	ST1	ED96	15
211W	24900	ST1	EE04	15
192W	22530	ST1.2	ED98	15
211W	25210	ST1.2	EE06	15
205W	24120	A60	EE00	15
205W	22380	A45	EE02	15

3000K - CRI 70 - DALI

192W	21540	ST1	ED97	15
211W	24090	ST1	EE05	15
192W	21810	ST1.2	ED99	15
211W	24390	ST1.2	EE07	15
205W	23350	A60	EE01	15
205W	21660	A45	EE03	15



Interfaces & remote units



Programming Interface DALI **X430** 00



Programming Interface NFC **X410** 00

Control gear



Cable set for programming Interface DALI **MZ36** 00
for dim. 307 X 620 mm



installation with arms on cylindrical poles

	length	ø pole	code colour
single	900	102	6154 15
	900	120	6157 15

The counter flange must also be ordered in order to secure the arm to the pole.

with tie-rod	1500	102	6155 15
	1500	120	6158 15

The counter flange must also be ordered in order to secure the arm to the pole.

counter flange	102	6161 15
	120	6162 15

To be ordered to secure the single arm to the pole. Not required when installing two opposite arms.

flange adapter	89 (102)	6163 15
	114 (120)	6164 15

Allows the installation of the arms on poles having diameters of ø 89 - ø 114 - ø mm.

wall attachment	6160 15
-----------------	----------------

installation on pole top

double	ø pole coupling	code colour
	102	6165 15

triple	102	6166 15
--------	-----	----------------

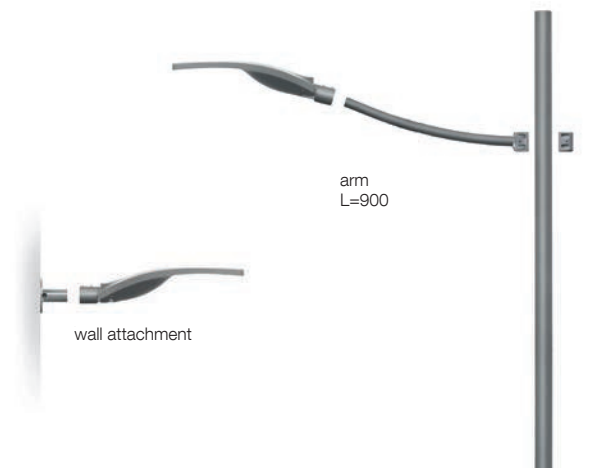
pole reducer	from 102 to 76	6134 15
--------------	----------------	----------------

intermediate installation

	length	ø pole	code colour
intermediate fitting	300	102	6156 15
	300	120	6159 15

All arms of various sizes can be installed using flanges, with single or double composition.

The Wow optical assembly can be installed on ø 46 to ø 76 mm poles. A reducer is available for ø 102 mm poles to allow installation.

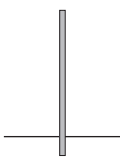
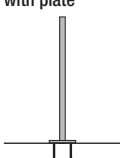




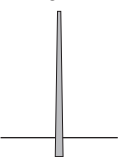

15
GREY

74
GREY/
BLACK

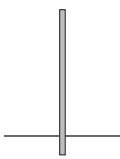
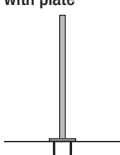
cylindrical poles for installation on pole top with 3 optical assemblies or for arms

	h above ground	ø pole	code colour
below ground 	6000	102	1542 15
	7000	102	1543 15
	8000	127/102	1544 15
	9000	194/120	1545 15
	10000	194/120	1546 15
	12000	194/120	1552 15
with plate 	6000	159/102	1597 15
	7000	159/102	1598 15
	8000	159/102	1599 15
	9000	194/120	1547 15
	10000	194/120	1548 15
	12000	194/120	1554 15

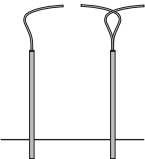
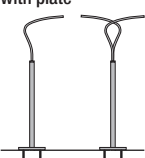

tapered poles for installation on pole tops with 1 optical assembly

	h above ground	ø pole	code colour
below ground 	4000	106-60	1275 15
	7000	138-60	1281 15
	9000	158-60	1282 15
with plate 	7000	130-60	1283 15
	9000	150-60	1284 15


cylindrical poles for installation on pole top with 1/2 optical assemblies

	h above ground	ø pole	ø tang	code colour
below ground 	5000	102		1205 15
	6000	102	76	1518 15
	7000	120	102	1519 15
	8000	120	102	1520 15
with plate 	5000	102		1344 15
	6000	120	102	1521 15
	7000	120	102	1522 15
	8000	120	102	1523 15

shaped poles

	h above ground	ø pole	ø lateral coupling	code colour
below ground 	with single arm			
	6700	160	76	1511 74
	8700	160	76	1515 74
	with double arm			
with plate 	6700	160	76	1585 74
	8700	160	76	1588 74
curved tapered 	with single arm			
	6700	160	76	1566 74
	8700	160	76	1570 74
	with double arm			
6700	160	76	1909 74	
8700	160	76	1910 74	
* Versions with intermediate fitting				

accessory for curved tapered poles

	code colour	
decorative tip with LED 	LED Blue	BZC5 01
	LED Neutral white	BZC6 01

The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)



湖景瑞·星海御岸
海湾 | 150-180m² 极致墅
8691 7777

交通银行
BANK OF COMMUNICATIONS

江朵酒店

IN CITY 仁安

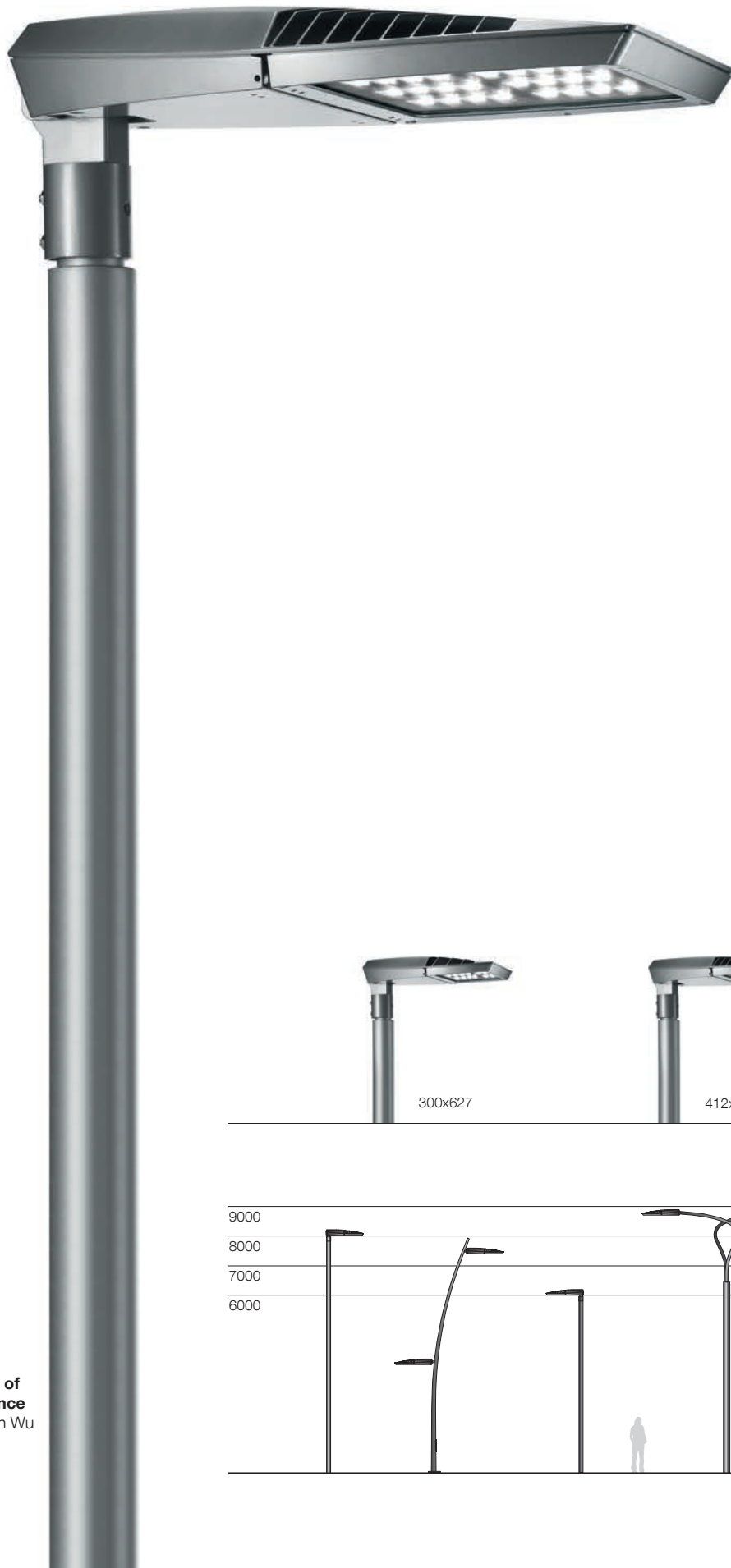
新华书店

口味风

Bank of China

KAY

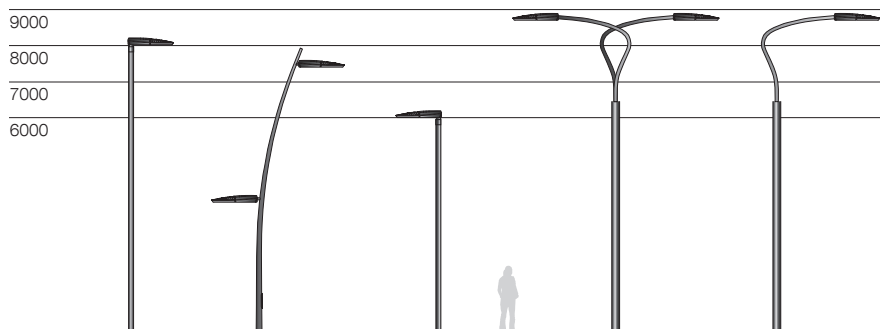
用
交
公
用
7m-9m
10m-15m



300x627



412x765



Zhongshan Road - City of Ningbo, Zhejiang Province
Lighting project: Hua Zhan Wu
Yun Lighting Design
Photographer: Flatmind



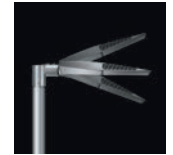
- Urban lighting system intended for use with LED light sources.
- Installation on poles with pole-tops using lateral arms or on whip-type poles with \varnothing 46/60/76 mm diameter connection.
- Reflectors in silver aluminium.
- Optical compartment in die-cast aluminium; hot dip galvanised steel tubular arms; sodium-calcium sealing glass, 5 mm thick, siliconed to frame that closes the LED compartment with a hinge and 2 screws.
- No upwards dispersion of the luminous flux.
- Adjustable optical compartment
- High visual comfort.

- High yield optics (Opti Smart Reflector) with uniform light distribution.
- No photo-biological risks. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire can be programmed using the interface for luminous flux adjustment. The luminaire is supplied in Midnight mode and can be converted into Bi-power voltage adjustment mode using the same interface.
- DALI driver compatible with remote management systems.

- Overvoltage protection: 10kV in Common Mode (CM), 6kV in Differential Mode (DM).
- An active control system changes the current intensity in order to maintain the lifespan of the LEDs even under extreme thermal conditions.
- Replaceable LED group.
- Replaceable driver and power supply unit.
- All external screws used are in A2 stainless steel.

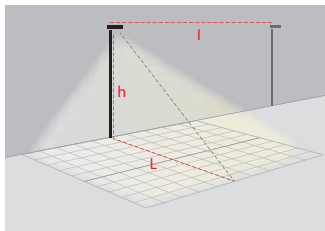


Replaceable LED optical compartment



Adjustability of product +20° / -20°

Optics



$d = L/h$
 h = Installation height
 L = Width of area to illuminate
 l = Distance between poles

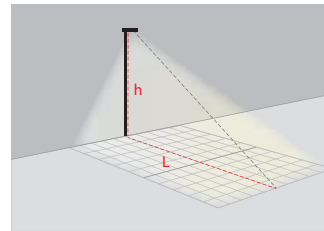
ST - Road optics

LED

ST1
 $l = 4h / d = 1$
Intensity Class: G*4

ST1.2
 $l = 4h / d = 1.2$
Intensity Class: G*4

ST1C
 $l = 3.7h / d = 1$
Intensity Class: G*6



$d = L/h$
 h = Installation height
 L = Width of area to illuminate

A - Asymmetric optic

LED

A60
 $h = 7 / d = 2$

A45
 $h = 7 / d = 1.6$

Compositions

Pole-top and wall-mounted installation

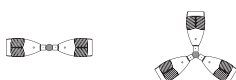


single pole-top double pole-top triple pole-top single arm with intermediate wall attachment

Shaped poles



pole with single arm pole with double arm tapered curved pole tapered curved pole with intermediate fitting





15
GREY

iguzzini.com code finder / download design files / save and organize favorites



W lm optic code colour

Midnight - DALI
Ending part from ø 46 to ø 76 mm

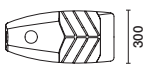
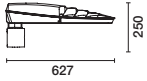
LED

4000K - CRI 70 - Middle of the night

29W	3360	ST1	ED33	15
49W	6030	ST1	ED34	15
70W	8700	ST1	ED35	15
56W	7120	ST1.2	ED36	15

3000K - CRI 70 - Middle of the night

29W	3250	ST1	ED37	15
49W	5830	ST1	ED38	15
70W	8420	ST1	ED39	15
56W	6890	ST1.2	ED40	15



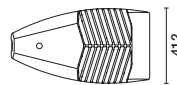
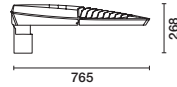
W lm optic code colour

Midnight - DALI
Ending part from ø 46 to ø 76 mm

LED

4000K - CRI 70 - Middle of the night

26W	3320	ST1	ED07	15
46W	5970	ST1	ED08	15
70W	9370	ST1	ED09	15
139W	17050	ST1	ED10	15
34W	4360	ST1.2	ED11	15
53W	7010	ST1.2	ED12	15
70W	9490	ST1.2	ED13	15
85W	11210	A60	ED14	15
154W	19660	A60	ED15	15



3000K - CRI 70 - Middle of the night

26W	3210	ST1	ED20	15
46W	5780	ST1	ED21	15
70W	9070	ST1	ED22	15
139W	16500	ST1	ED23	15
34W	4220	ST1.2	ED24	15
53W	6780	ST1.2	ED25	15
70W	9180	ST1.2	ED26	15
85W	10850	A60	ED27	15
154W	19030	A60	ED28	15

Interfaces & remote units code colour



Programming Interface
DALI

code colour

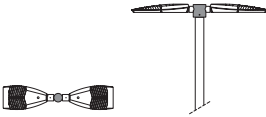

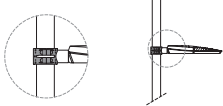
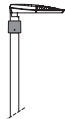
MY92 00



Zhongshan Road - City of Ningbo, Zhejiang Province
Lighting project: Hua Zhan Wu Yun
Lighting Design
Photographer: Flatmind



installation on pole top

	∅ pole coupling	code colour
double	102	6165 15
		
triple	102	6166 15
		
intermediate fitting L=300	102	6156 15
	120	6159 15
		
pole reducer	from ∅ 102 to ∅ 76	6134 15
		

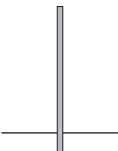


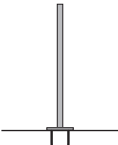
wall-mounted installation

	code colour
wall attachment	6160 15
	

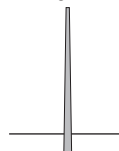


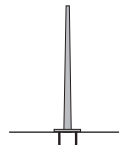
cylindrical poles for installation on pole top with 3 optical assemblies

	h above ground	∅ pole	code colour
	6000	102	1542 15
	7000	102	1543 15
	8000	127/102	1544 15

	h above ground	∅ pole	code colour
	6000	159/102	1597 15
	7000	159/102	1598 15
	8000	159/102	1599 15

tapered poles for installation on pole tops with 1 optical assembly

	h above ground	∅ pole	code colour
	4000	106-60	1275 15
	7000	138-60	1281 15
	9000	158-60	1282 15

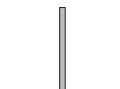
	h above ground	∅ pole	code colour
	7000	130-60	1283 15
	9000	150-60	1284 15

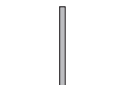


15
GREY

74
GREY/
BLACK

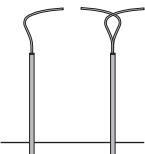
cylindrical poles for installation on pole top with 1/2 optical assemblies

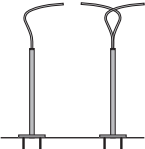
	h above ground	ø pole	ø tang	code colour
below ground 	5000	102		1205 15
	6000	102	76	1518 15
	7000	120	102	1519 15
	8000	120	102	1520 15


	h above ground	ø pole	ø tang	code colour
with plate 	5000	102		1344 15
	6000	120	102	1521 15
	7000	120	102	1522 15
	8000	120	102	1523 15

The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

shaped poles


	h above ground	ø pole	ø lateral coupling	code colour
below ground 	with single arm			
	6700	160	76	1511 74
	8700	160	76	1515 74
	with double arm			
6700	160	76	1585 74	
8700	160	76	1588 74	

	h above ground	ø pole	ø lateral coupling	code colour
with plate 	with single arm			
	6700	160	76	1566 74
	8700	160	76	1570 74
	with double arm			
6700	160	76	1909 74	
8700	160	76	1910 74	

	h above ground	ø pole	ø lateral coupling	code colour
	curved tapered			
	6000	147 max	60	1506 15
	6000	147 max	60	*1508 15
	8000	172 max	60	1507 15
8000	172 max	60	*1509 15	

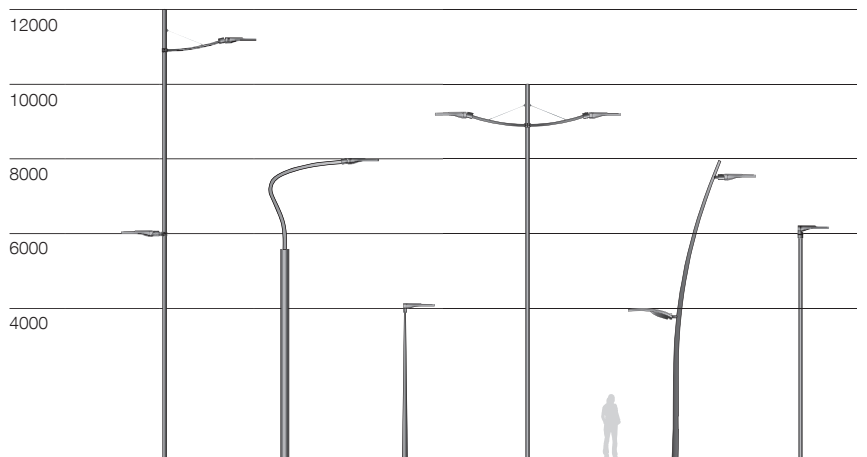
* Versions with intermediate fitting

accessory for curved tapered poles

		code colour
decorative tip with LED 	LED Blue	BZC5 01
	LED Neutral white	BZC6 01



Award
German Design Award



Street lighting - Pontresina,
Switzerland
Photo: Paolo Carlini

Quid



- Urban lighting system intended for use with LED light sources.
- Installation on poles with pole-tops and lateral arms or whip-type poles with terminals measuring $\varnothing 42$ to $\varnothing 60$ mm or $\varnothing 60$ to $\varnothing 76$ mm. (terminal must be purchased as accessories).
- Optical compartment in die-cast aluminium; hot dip galvanised steel tubular arms; sodium-calcium sealing glass, 5 mm thick, siliconed to frame that closes the LED compartment with a clip.
- No upwards dispersion of the luminous flux.
- Adjustable optical compartment.
- High visual comfort.

- High yield optics (Opti Smart Lens) (with polymer optic lenses and uniform light distribution).
- No phorto-biological risk. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire can be programmed using the interface for luminous flux adjustment.
- DALI driver compatible with remote management systems
- Overvoltage protection: 10kV in Common Mode (CM), 6kV in Differential Mode (DM).

- An active control system changes the current intensity in order to maintain the lifespan of the LEDs even under extreme thermal conditions.
- Replaceable LED group.
- Driver unit can be replaced without needing tools.
- All external screws used are in A2 stainless steel.
- Product equipped with Nema 7-PIN Dali Fitting complete with protective cap.

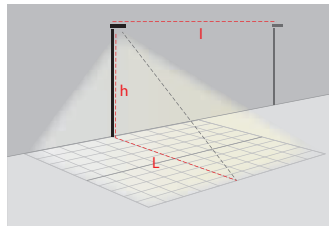


Optical compartment can be opened without using tools



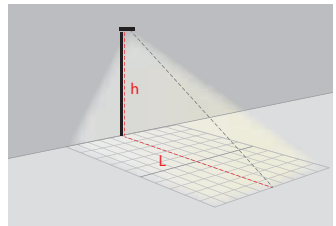
Product adjustability +20° / -5° to top of pole + 5° / -20° lateral

Optics



ST - Road optics	
LED	ST1 $l = 4h / d = 1$ Intensity Class: G*3
	ST1.2 $l = 4h / d = 1.2$ Intensity Class: G*3

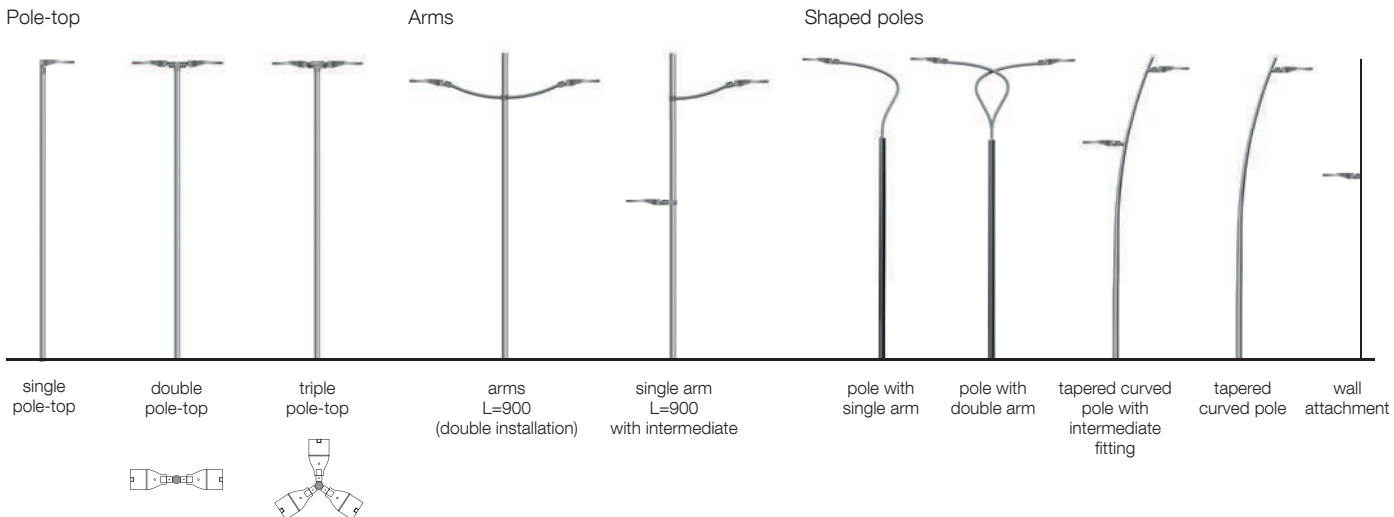
$d = L/h$
 h = Installation height
 L = Width of area to illuminate
 l = Distance between poles

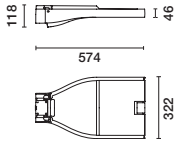


A - Asymmetric optic	
LED	A45 $h = 7 / d = 1.6$

$d = L/h$
 h = Installation height
 L = Width of area to illuminate

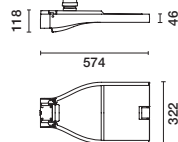
Compositions





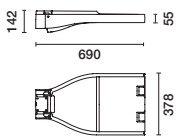
W	lm	optic	code	colour
LED				
4000K - CRI 70 - DALI				
15W	2300	ST1	EW57	15
25W	3700	ST1	EW58	15
36W	5500	ST1	EW59	15
55W	8600	ST1	EW60	15
66W	9930	ST1	EW61	15
88W	12075	ST1	EW62	15
25W	3660	ST1.2	EW72	15
36W	5440	ST1.2	EW73	15
55W	8500	ST1.2	EW74	15
88W	12075	ST1.2	EW75	15
3000K - CRI 70 - DALI				
16W	2300	ST1	EW48	15
27W	3700	ST1	EW49	15
29W	4300	ST1	EW50	15
60W	8600	ST1	EW51	15
66W	9330	ST1	EW52	15
88W	12075	ST1	EW53	15
27W	3660	ST1.2	EW66	15
29W	4250	ST1.2	EW67	15
60W	8500	ST1.2	EW68	15
88W	12075	ST1.2	EW69	15

Adapter for installation on pole to be ordered separately.



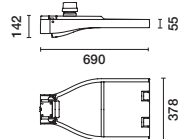
W	lm	optic	code	colour
NEMA				
LED				
4000K - CRI 70 - DALI				
38W	5500	ST1	EX00	15
59W	8600	ST1	EX01	15
65W	9300	ST1	EX02	15
3000K - CRI 70 - DALI				
38W	5500	ST1	EW94	15
59W	8600	ST1	EW95	15
65W	9300	ST1	EW96	15

Adapter for installation on pole to be ordered separately.



W	lm	optic	code	colour
LED				
4000K - CRI 70 - DALI				
110W	15900	ST1	EW63	15
129W	18641	ST1	EW64	15
176W	24206	ST1	EW65	15
110W	15900	ST1.2	EW76	15
176W	24206	ST1.2	EW77	15
103W	15900	A60	EW80	15
176W	24206	A60	EW81	15
3000K - CRI 70 - DALI				
110W	15900	ST1	EW54	15
129W	18641	ST1	EW55	15
176W	24206	ST1	EW56	15
110W	15900	ST1.2	EW70	15
176W	24206	ST1.2	EW71	15
103W	15900	A60	EW78	15
176W	24206	A60	EW79	15

Adapter for installation on pole to be ordered separately.



W	lm	optic	code	colour
NEMA				
LED				
4000K - CRI 70 - DALI				
110W	15900	ST1	EX03	15
129W	18640	ST1	EX04	15
176W	24206	ST1	EX05	15
3000K - CRI 70 - DALI				
110W	15900	ST1	EW97	15
129W	18640	ST1	EW98	15
176W	24206	ST1	EW99	15

Adapter for installation on pole to be ordered separately.

Interfaces & remote units	code	colour
Programming Interface DALI	X430	00

Programming Interface NFC	X410	00
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Control gear	code	colour
Cable set for programming Interface DALI	MZ36	00

Mounting accessories	code	colour
Adapter required pole-mounted installation		

to be ordered separately from the optical assembly - from Ø42mm to Ø60mm **X531** 15

to be ordered separately from the optical assembly - from Ø60 to Ø76mm for Quid **X532** 15

Mounting accessories	code	colour
Pole reducer		

from ø 102 to 76 **6134** 15

installation with arms on cylindrical poles

	length	ø pole	code colour
single	900	102	6154 15
	900	120	6157 15

The counter flange must also be ordered in order to secure the arm to the pole.

with tie-rod	1500	102	6155 15
	1500	120	6158 15

The counter flange must also be ordered in order to secure the arm to the pole.

counter flange	102	6161 15
	120	6162 15

To be ordered to secure the single arm to the pole. Not required when installing two opposite arms.

flange adapter	89 (102)	6163 15
	114 (120)	6164 15

Allows the installation of the arms on poles having diameters of ø 89 - ø 114 - ø mm.

wall attachment	6160 15
-----------------	----------------

installation on pole top

double	ø pole coupling	code colour
	102	6165 15

triple	102	6166 15
--------	-----	----------------

pole reducer	from 102 to 76	6134 15
--------------	----------------	----------------

intermediate installation

	length	ø pole	code colour
intermediate fitting	300	102	6156 15
	300	120	6159 15

All arms of various sizes can be installed using flanges, with single or double composition.

The Quid optical assembly can be installed with pole top with terminal block ø 60 to ø 76 mm. A reducer is available for ø 102 mm poles to allow installation.

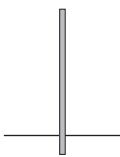
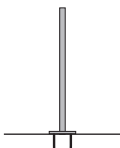




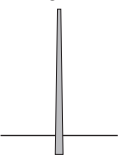

15
GREY

74
GREY/
BLACK

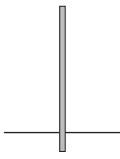
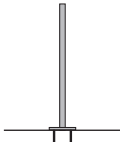
cylindrical poles for installation on pole top with 3 optical assemblies or for arms

	h above ground	ø pole	code colour
	6000	102	1542 15
	7000	102	1543 15
	8000	127/102	1544 15
	9000	194/120	1545 15
	10000	194/120	1546 15
	12000	194/120	1552 15
	6000	159/102	1597 15
	7000	159/102	1598 15
	8000	159/102	1599 15
	9000	194/120	1547 15
	10000	194/120	1548 15
	12000	194/120	1554 15

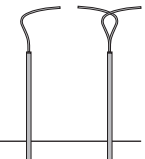
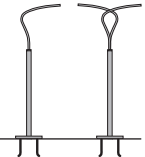
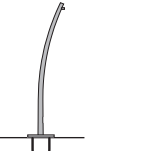
tapered poles for installation on pole tops with 1 optical assembly

	h above ground	ø pole	code colour
	4000	106-60	1275 15
	7000	138-60	1281 15
	9000	158-60	1282 15
	7000	130-60	1283 15
	9000	150-60	1284 15

cylindrical poles for installation on pole top with 1/2 optical assemblies

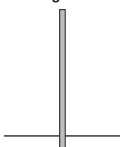
	h above ground	ø pole	ø tang	code colour
	5000	102		1205 15
	6000	102	76	1518 15
	7000	120	102	1519 15
	8000	120	102	1520 15
	5000	102		1344 15
	6000	120	102	1521 15
	7000	120	102	1522 15
	8000	120	102	1523 15

shaped poles


	h above ground	ø pole	ø fitting side	code colour
	with single arm			
	6700	160	76	1511 74
	8700	160	76	1515 74
	with double arm			
	6700	160	76	1585 74
	8700	160	76	1588 74
	with single arm			
	6700	160	76	1566 74
	8700	160	76	1570 74
	with double arm			
	6700	160	76	1909 74
	8700	160	76	1910 74
	curved tapered			
	6000	147 max	60	1506 15
	6000	147 max	60	*1508 15
	8000	172 max	60	1507 15
8000	172 max	60	*1509 15	

* Versions with intermediate fitting

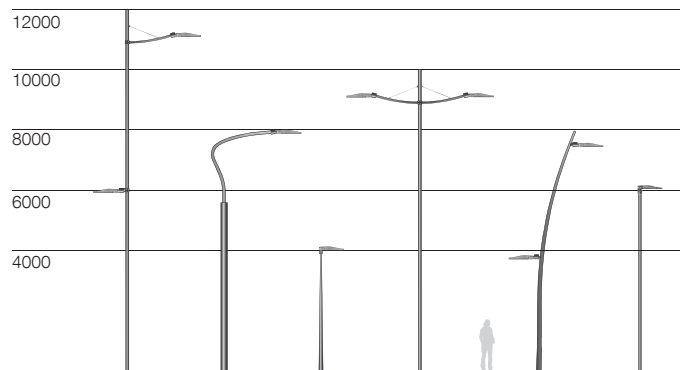
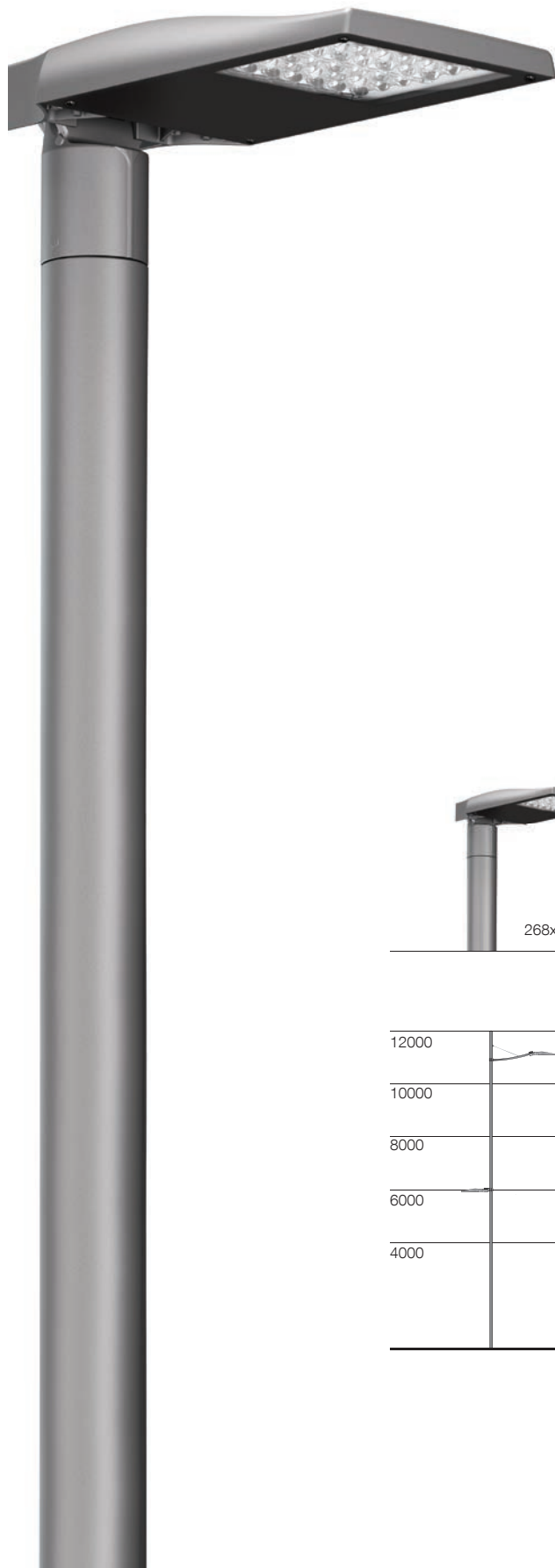
cylindrical poles for installation on pole tops with 1 optical assembly

	h above ground	ø pole	ø tang	code colour
	2500	60		E062 15
	3500	60		E063 15
	4000	76	60	E064 15

accessory for curved tapered poles

	code colour	
	LED Blue	BZC5 01
	LED Neutral white	BZC6 01

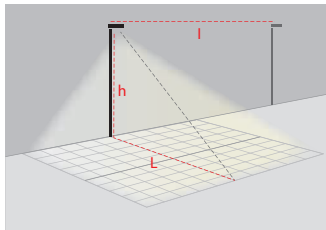
The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)





- Urban lighting system for use with LED luminaires.
- Installation on poles with pole tops and side arms or whip-type terminal parts from $\varnothing 42$ to $\varnothing 76$ mm.
- Optical compartment in die-cast aluminium; hot dip galvanised steel tubular arms; sodium-calcium tempered protection glass, with 5 mm thickness.
- No upwards dispersion of the luminous flux.
- Adjustable optical compartment
- High visual comfort
- High yield optics (Opti Smart Lens) (with polymer optic lenses and uniform light distribution).
- No photo-biological risks. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with the EN 62471:2008 standard.
- The Street luminaire complete with terminal is DALI-MIDNIGHT-ON/OFF programmable through the interface for luminous flux regulation or through NFC.
- The Street luminaire supplied with outgoing cable and without terminal can be programmed only with the MIDNIGHT (NO DALI) profile via NFC.
- Overvoltage protection: 10kV in Common Mode (CM), 6kV in Differential Mode (DM).
- All external screws used are in A2 stainless steel.
- Product can be equipped on request with Zhaga 4-Pin fitting.
- Product equipped with Nema 7-PIN DALI Fitting complete with protective cap.

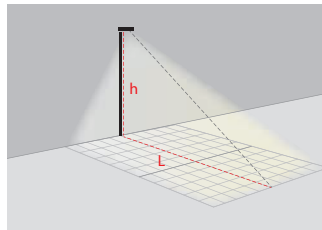
Optics



$d = L/h$
 h = Installation height
 L = Width of area to illuminate
 d = Distance between poles

ST - Road optics

- LED
- ST0.5**
 $l = 3.7h / d = 0,5$
Intensity Class: G*3
-
- ST1**
 $l = 4h / d = 1$
Intensity Class: G*3
-
- ST1.2**
 $l = 4h / d = 1,2$
Intensity Class: G*3
-
- ST1.5**
 $l = 4h / d = 1,5$
Intensity Class: G*3
-
- STCy0.5**
 $l = 3.7h / d = 0,5$
Intensity Class: G*3
-
- STF1**
 $l = 4h / d = 1$
Intensity Class: G*3



A - Asymmetric optic

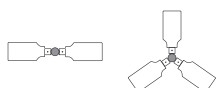
- LED
- A45**
 $h = 7 / d = 1.6$

Compositions

Pole-top



single pole-top double pole-top triple pole-top



Arms



arms L=900 (double installation) single arm L=900 with intermediate

Shaped poles



pole with single arm pole with double arm tapered curved pole with intermediate fitting tapered curved pole wall attachment



new

ST1: available
ST1.2, STF1, STCy0.5: available from March
ST1.5, A60: available from April
Nema, Complete with outgoing cable : available from June

iguzzini.com code finder / download design files / save and organize favorites



W lm optic code colour

Ending part from \varnothing 46 to \varnothing 76 mm included.

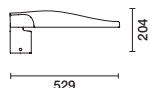
LED

4000K - CRI 70 - Middle of the night

35W	4250	ST1	EH69	15
44W	5560	ST1	EH70	15
64W	7550	ST1	EH75	15
72W	8680	ST1	EH71	15
84W	9900	ST1	EF68	15

3000K - CRI 70 - Middle of the night

35W	4110	ST1	EH72	15
44W	5380	ST1	EH73	15
64W	7300	ST1	EH76	15
72W	8400	ST1	EH74	15
84W	9580	ST1	EF76	15



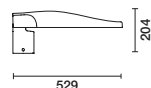
W lm optic code colour

Ending part from \varnothing 46 to \varnothing 76 mm included.

LED

4000K - CRI 70 - Middle of the night

25W	3610	STCy0.5	EQ62	15
15W	2300	ST1	EQ29	15
21W	3100	ST1	EQ30	15
25W	3700	ST1	EQ31	15
27W	4300	ST1	EQ32	15
36W	5500	ST1	EQ33	15
44W	7000	ST1	EQ34	15
55W	8600	ST1	EQ35	15
66W	9930	ST1	EQ36	15
78W	11600	ST1	EQ37	15
88W	12920	ST1	EQ38	15
25W	3660	ST1.2	EQ43	15
36W	5440	ST1.2	EQ44	15
55W	8500	ST1.2	EQ45	15
88W	12770	ST1.2	EQ46	15
25W	3610	STF1	EQ66	15
36W	5370	STF1	EQ67	15
55W	8400	STF1	EQ68	15
25W	3610	ST1.5	EQ51	15
36W	5370	ST1.5	EQ52	15
55W	8400	ST1.5	EQ53	15
88W	12620	ST1.5	EQ54	15
36W	5370	A60	EQ58	15
55W	8400	A60	EQ59	15
88W	12620	A60	EQ60	15



W lm optic code colour

Complete with outgoing power supply cable.
Ending part from \varnothing 46 to \varnothing 76 mm to be ordered separately.

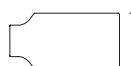
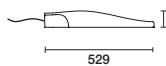
LED

4000K - CRI 70 - Middle of the night

15W	2300	ST1	EW23	15
26W	3700	ST1	EW24	15
36W	5500	ST1	EW25	15
55W	8600	ST1	EW26	15
88W	12798	ST1	EW27	15
26W	3700	STF1	EW45	15
38W	5500	STF1	EW46	15
59W	8600	STF1	EW47	15
26W	3700	ST1.5	EW32	15
38W	5500	ST1.5	EW33	15
59W	8600	ST1.5	EW34	15
88W	12075	ST1.5	EW35	15
38W	5500	A60	EW39	15
59W	8600	A60	EW40	15
88W	12075	A60	EW41	15

3000K - CRI 70 - Middle of the night

16W	2300	ST1	EW18	15
26W	3700	ST1	EW19	15
38W	5500	ST1	EW20	15
59W	8600	ST1	EW21	15
88W	12075	ST1	EW22	15
26W	3700	STF1	EW42	15
38W	5500	STF1	EW43	15
59W	8600	STF1	EW44	15
26W	3700	ST1.5	EW28	15
38W	5500	ST1.5	EW29	15
59W	8600	ST1.5	EW30	15
88W	12075	ST1.5	EW31	15
38W	5500	A60	EW36	15
59W	8600	A60	EW37	15
88W	12075	A60	EW38	15



3000K - CRI 70 - Middle of the night

26W	3610	STCy0.5	EQ61	15
16W	2300	ST1	EQ19	15
22W	3100	ST1	EQ20	15
26W	3700	ST1	EQ21	15
29W	4300	ST1	EQ22	15
38W	5500	ST1	EQ23	15
47W	7000	ST1	EQ24	15
59W	8600	ST1	EQ25	15
66W	9330	ST1	EQ26	15
83W	11600	ST1	EQ27	15
88W	12190	ST1	EQ28	15
26W	3660	ST1.2	EQ39	15
38W	5440	ST1.2	EQ40	15
59W	8500	ST1.2	EQ41	15
88W	12050	ST1.2	EQ42	15
26W	3610	STF1	EQ63	15
38W	5370	STF1	EQ64	15
59W	8400	STF1	EQ65	15
26W	3610	ST1.5	EQ47	15
38W	5370	ST1.5	EQ48	15
59W	8400	ST1.5	EQ49	15
88W	11910	ST1.5	EQ50	15
38W	5370	A60	EQ55	15
59W	8400	A60	EQ56	15
88W	11910	A60	EQ57	15

Adaptor for installation on pole to be ordered separately. PSU power supply not DALI

DALI programmable power supply



15
GREY

new

ST1: available
ST1.2, STF1, STCy0.5: available from March
ST1.5, A60: available from April
Nema, Complete with outgoing cable: available from June

iguzzini.com code finder / download design files / save and organize favorites



W lm optic code colour

NEMA
Ending part from \varnothing 46 to \varnothing 76 mm included.

LED

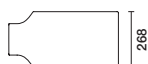
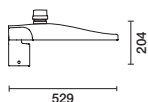
4000K - CRI 70 - DALI

38W	5500	ST1	EW88	15
59W	8600	ST1	EW89	15
65W	9300	ST1	EW90	15

3000K - CRI 70 - DALI

38W	5500	ST1	EW82	15
59W	8600	ST1	EW83	15
65W	9300	ST1	EW84	15

ZHAGA version available from July



W lm optic code colour

NEMA
Ending part from \varnothing 46 to \varnothing 76 mm included.

LED

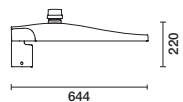
4000K - CRI 70 - DALI

110W	15900	ST1	EW91	15
129W	18641	ST1	EW92	15
176W	24200	ST1	EW93	15

3000K - CRI 70 - DALI

110W	15900	ST1	EW85	15
129W	18641	ST1	EW86	15
176W	24200	ST1	EW87	15

ZHAGA version available from July



W lm optic code colour

Ending part from \varnothing 46 to \varnothing 76 mm included.
Ending part from \varnothing 46 to \varnothing 76 mm

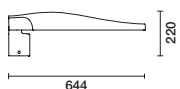
LED

4000K - CRI 70 - Middle of the night

108W	12800	ST1	EI20	15
138W	15900	ST1	EF83	15

3000K - CRI 70 - Middle of the night

108W	12390	ST1	EI21	15
138W	15380	ST1	EF90	15



W lm optic code colour

Ending part from \varnothing 46 to \varnothing 76 mm included.

LED

4000K - CRI 70 - Middle of the night

105W	15910	ST1	EW05	15
126W	19100	ST1	EW06	15
176W	25770	ST1	EW07	15
105W	15540	ST1.2	EW10	15
176W	25170	ST1.2	EW11	15
105W	15540	ST1.5	EW14	15
176W	25170	ST1.5	EW15	15
176W	25170	A60	EW17	15

3000K - CRI 70 - Middle of the night

111W	15810	ST1	EW02	15
130W	18350	ST1	EW03	15
176W	24310	ST1	EW04	15
111W	15450	ST1.2	EW08	15
176W	23750	ST1.2	EW09	15
111W	15450	ST1.5	EW12	15
176W	23750	ST1.5	EW13	15
176W	23750	A60	EW16	15

Adapter for installation on pole to be ordered separately.

Interfaces & remote units

code colour



Programming Interface DALI **X430** 00
for versions with DALI



Programming Interface NFC **X410** 00
for Middle of the night versions

Mounting accessories

code colour



Adapter required pole-mounted installation

to be ordered together with the optical assembly **X432** 15
from \varnothing 76 to \varnothing 60 mm

to be ordered separately from the optical assembly **X431** 15
from \varnothing 60 to \varnothing 42 mm

Mounting accessories

code colour



Stainless steel plate **X482** 13

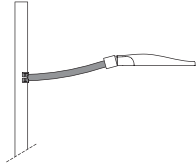


Pole reducer
from \varnothing 102 to 76 **6134** 15



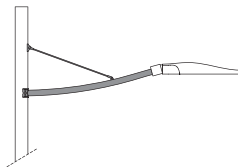
installation with arms on cylindrical poles

	length	ø pole	code colour
single	900	102	6154 15
	900	120	6157 15



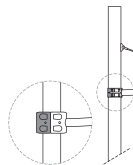
The counter flange must also be ordered in order to secure the arm to the pole.

with tie-rod	length	ø pole	code colour
	1500	102	6155 15
	1500	120	6158 15



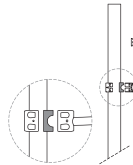
The counter flange must also be ordered in order to secure the arm to the pole.

counter flange	length	code colour
	102	6161 15
	120	6162 15



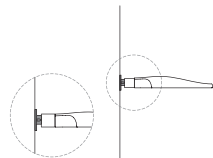
To be ordered to secure the single arm to the pole. Not required when installing two opposite arms.

flange adapter	length	code colour
	89 (102)	6163 15
	114 (120)	6164 15



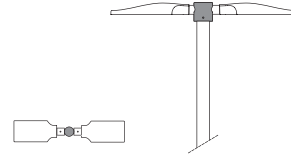
Allows the installation of the arms on poles having diameters of ø 89 - ø 114 - ø mm.

wall attachment	code colour
	6160 15

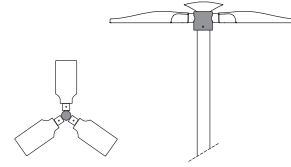


installation on pole top

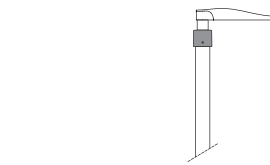
	ø pole coupling	code colour
double	102	6165 15



triple	ø pole coupling	code colour
	102	6166 15

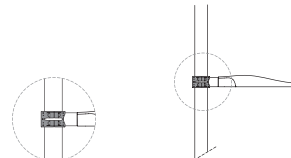


pole reducer	length	code colour
	from 102 to 76	6134 15



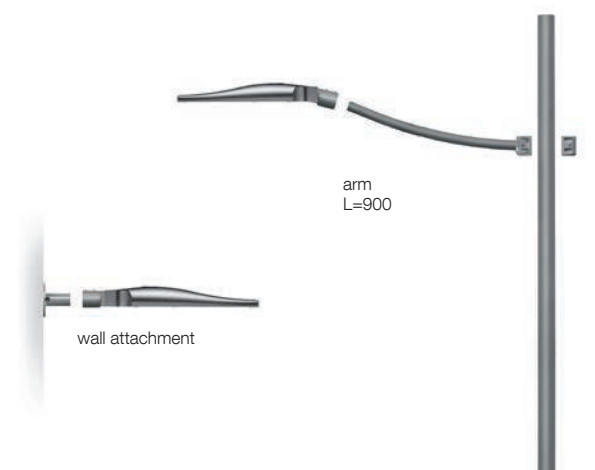
intermediate installation

intermediate fitting	length	ø pole	code colour
	300	102	6156 15
	300	120	6159 15



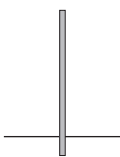
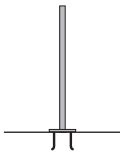
All arms of various sizes can be installed using flanges, with single or double composition.

The Street optical compartment can be installed on the pole-tops of ø 46 to ø 76 mm poles. A reducer is available for ø 102 mm poles to allow installation.

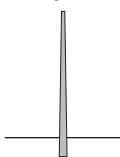





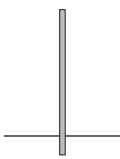
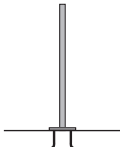
cylindrical poles for installation on pole top with 3 optical assemblies or for arms

	h above ground	ø pole	code colour
below ground 	6000	102	1542 15
	7000	102	1543 15
	8000	127/102	1544 15
	9000	194/120	1545 15
	10000	194/120	1546 15
	12000	194/120	1552 15
with plate 	6000	159/102	1597 15
	7000	159/102	1598 15
	8000	159/102	1599 15
	9000	194/120	1547 15
	10000	194/120	1548 15
	12000	194/120	1554 15

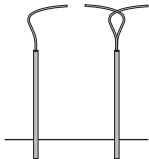
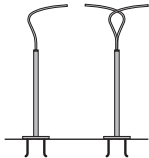
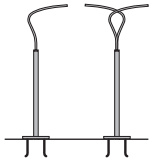

tapered poles for installation on pole tops with 1 optical assembly

	h above ground	ø pole	code colour
below ground 	4000	106-60	1275 15
	7000	138-60	1281 15
	9000	158-60	1282 15
with plate 	7000	130-60	1283 15
	9000	150-60	1284 15

cylindrical poles for installation on pole top with 1/2 optical assemblies

	h above ground	ø pole	ø tang	code colour
below ground 	5000	102		1205 15
	6000	102	76	1518 15
	7000	120	102	1519 15
	8000	120	102	1520 15
with plate 	5000	102		1344 15
	6000	120	102	1521 15
	7000	120	102	1522 15
	8000	120	102	1523 15

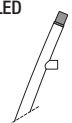
shaped poles

	h above ground	ø pole	ø lateral coupling	code colour
below ground 	with single arm			
	6700	160	76	1511 74
	8700	160	76	1515 74
	with double arm			
with plate 	with single arm			
	6700	160	76	1566 74
with plate 	with double arm			
	6700	160	76	1909 74
curved tapered 	6000	147 max	60	1506 15
	6000	147 max	60	*1508 15
	8000	172 max	60	1507 15
	8000	172 max	60	*1509 15

* Versions with intermediate fitting

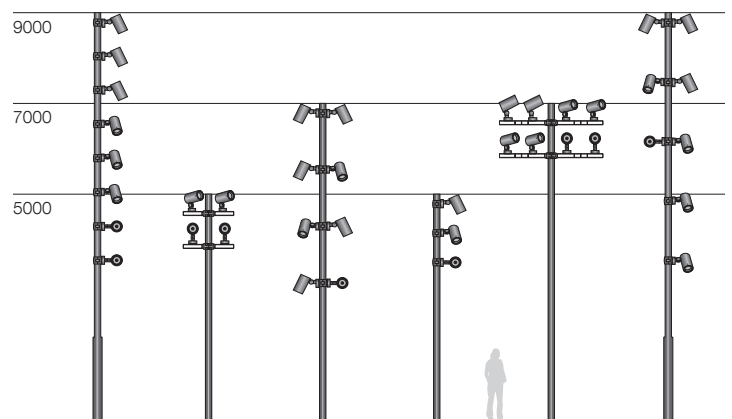
The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

accessory for curved tapered poles

	code colour
decorative tip with LED 	LED Blue BZC5 01
	LED Neutral white BZC6 01



The system is designed to install the Palco InOut floodlight ø 83 (Class II), ø 119, ø 137, ø 153 and the ø 116 framers. The complete floodlight range is shown on pages 696-697

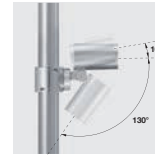




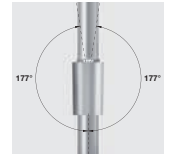
- Urban lighting system intended for use with LED light sources.
- Pole installation with single / double flange for \varnothing 102 diameter poles; \varnothing 120mm.
- Pole installation with single / double arm for \varnothing 102 diameter poles; \varnothing 120mm.
- Wall installation with multiple support for 2, 3 units. Comprising an optical compartment (InOut

- stage \varnothing 83, \varnothing 119, \varnothing 137 and \varnothing 153).
- Comprising an optical compartment and base strip in die-cast aluminium and transparent tempered sodium-calcium safety glass.
- Adjustable optical compartment in the horizontal plane (+90°/-50°).
- Graduated scale and mechanical aiming lock.
- Luminaire ready for pass-through wiring.

- DALI driver compatible with remote management systems.
- Common mode surge protection up to 10KV. differential mode up to 6 KV.
- All screws used are in A2 stainless steel.

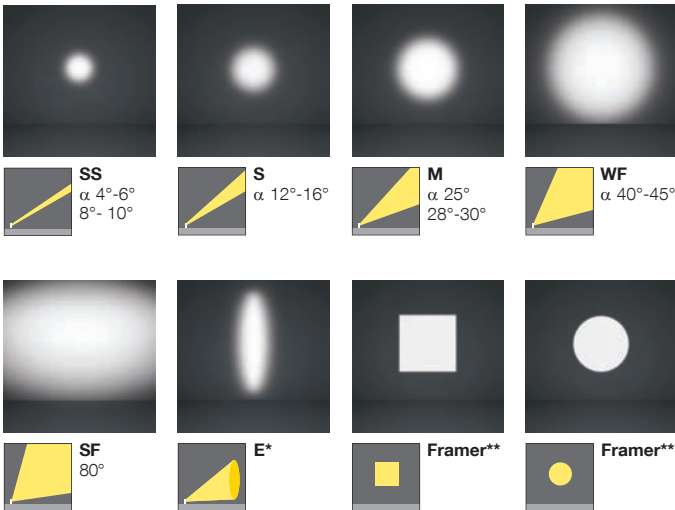


140° optical compartment angle



355° optical compartment angle

Optics

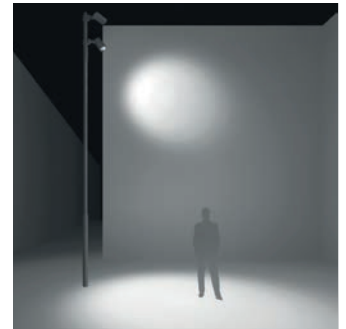


* Elliptical optics are obtained by installing the specific accessory.

** Circular shapes and square geometries of variable side can be obtained with the Palco InOut framer.

Lighting distribution

The MultiPalco InOut system, thanks to the double adjustability of the floodlights and the installation flexibility, allows both horizontal surfaces (streets, squares, car parks) and vertical surfaces (facings, monuments, architectonic details) to be illuminated at the same time.



Horizontal and vertical lighting

Compositions

Flanges and supports



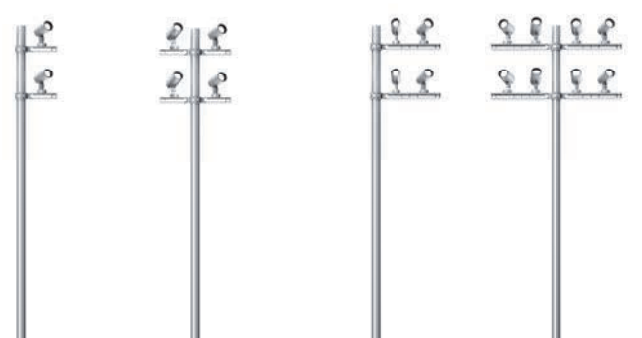
multiple support for 2 floodlights

single flange for 1 floodlight

double flange for 2 floodlights

multiple support for 3 floodlights

Horizontal arms



arms for 1 floodlight, single installation

arms for 1 floodlight, double installation

arms for 2 floodlights, single installation

arms for 2 floodlights, double installation



installation on poles with arms

	length	ø pole	code colour
arm for 1/2 floodlights	400	120	X411 15
	390	102	X412 15
	The counter flange must also be ordered in order to secure the arm to the pole.		
arm for 2/4 floodlights	795	120	X413 15
	785	102	X414 15
	The counter flange must also be ordered in order to secure the arm to the pole.		
counter flange	178	120	6115 15
	160	102	6118 15
	To be ordered to secure the single arm to the pole. Not required when installing two opposite arms.		



The floodlight can be installed simultaneously both in the upper and lower part of the arm (max. 2 floodlights on single arm and max. 4 floodlights on double arm). For correct installation of the luminaries, always consult the instruction sheet supplied with the product and the poles.

installation on poles with flanges

	ø pole	code colour
flange for 1 floodlight	120	X416 15
	102	X417 15
flange for 2 floodlights	120	X418 15
	102	X419 15





15
GREY

wall-mounted installation

	code colour
multiple support for 2 floodlights	6014 15
multiple support for 3 floodlights	6015 15



cylindrical poles

	h above ground	ø pole	code colour
	5000	102	1205 15
	5000	120	1291 15
	6000	102	1542 15
	7000	102	1543 15
	7000	120	1287 15
	8000	127/102	1544 15
	9000	194/120	1288 15
	9000	194/120	1545 15
	10000	194/120	1546 15
	12000	194/120	1552 15

	h above ground	ø pole	code colour
	5000	120	1292 15
	6000	159/102	1597 15
	7000	159/102	1598 15
	8000	159/102	1599 15
	9000	194/120	1547 15
	10000	194/120	1548 15
	12000	194/120	1554 15

The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

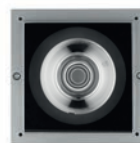
	code colour
junction box	1880 00



For multiple wiring harness on pole with $\phi \geq 120\text{mm}$



LED Multi Chip



Led C.o.B.
Opti Beam Lens

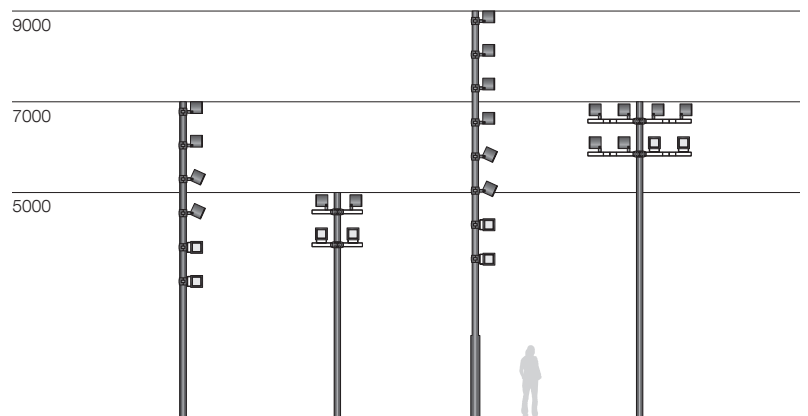


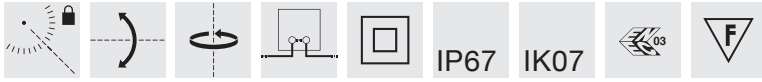
Led C.o.B.



Led C.o.B.
Opti Smart Lens

The system is designed to install the iProz 192 floodlight. The complete floodlight range is shown on pages 714-715

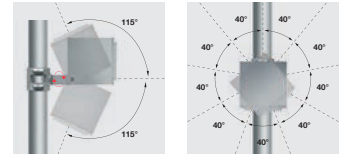




- Urban lighting system intended for use with LED light sources.
- Pole installation with single / double flange for \varnothing 102 diameter poles; \varnothing 120mm.
- Pole installation with single / double arm for \varnothing 102 diameter poles; \varnothing 120mm.
- Wall installation with multiple support for 2, 3 floodlights.

- Consisting of an optical compartment (iPro \varnothing 192 mm), component holder compartment and adjustable bracket.
- Optical compartment and rear cap in die-cast aluminium; transparent tempered sodium-calcium sealing glass, 4 mm thick, applied with silicon on the optical assembly.

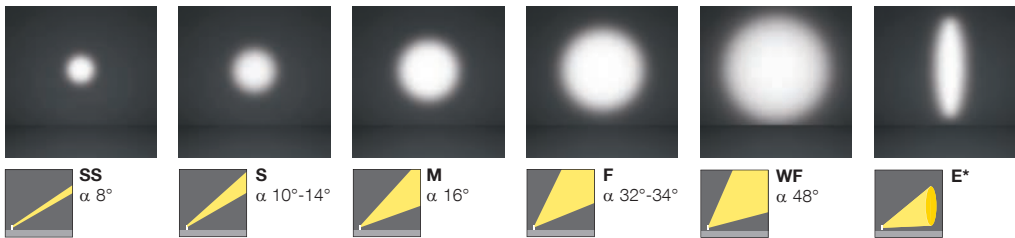
- Graduated scale and mechanical aiming lock.
- Luminaire ready for pass-through wiring.
- IP66.
- All external screws used are in A2 stainless steel.



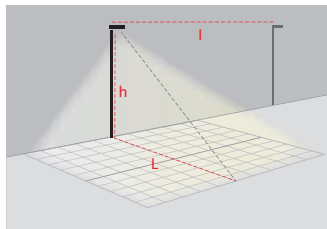
Floodlight-bracket rotation

Bracket rotation in 40° steps

Optics



* Elliptical optics are obtained by installing the specific accessory.



ST - Road optics

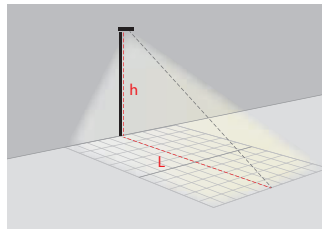
LED

ST1
 $l = 4h / d = 1$
Intensity Class: G*4

ST1.2
 $l = 4h / d = 1.2$
Intensity Class: G*4

ST1C
 $l = 3.7h / d = 1$
Intensity Class: G*6

$d = L/h$
 h = Installation height
 L = Width of area to illuminate
 l = Distance between poles



A - Asymmetric optic

LED

A60
 $h = 7 / d = 2$

A45
 $h = 7 / d = 1.6$

$d = L/h$
 h = Installation height
 L = Width of area to illuminate

Compositions

Flanges and supports



multiple support for 2 floodlights single flange for 1 floodlight double flange for 2 floodlights multiple support for 3 floodlights

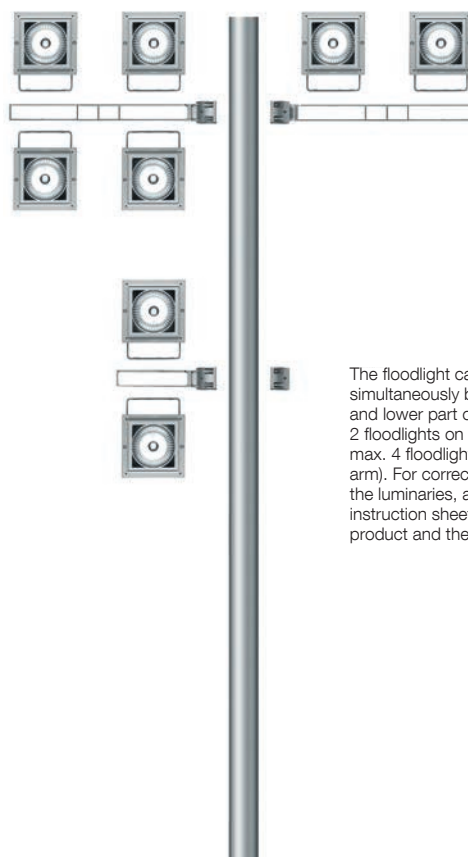
Horizontal arms



arms for 1 floodlight, single installation arms for 1 floodlight, double installation arms for 2 floodlights, single installation arms for 2 floodlights, double installation

installation on poles with arms

	length	ø pole	code colour
arm for 1/2 floodlights	400	120	6113 15
	390	102	6116 15
	The counter flange must also be ordered in order to secure the arm to the pole.		
arm for 2/4 floodlights	795	120	6114 15
	785	102	6117 15
	The counter flange must also be ordered in order to secure the arm to the pole.		
counter flange	178	120	6115 15
	160	102	6118 15
	To be ordered to secure the single arm to the pole. Not required when installing two opposite arms.		
adapter disk			6119 15
	Allows complete rotation of the floodlight on the horizontal arm		



The floodlight can be installed simultaneously both in the upper and lower part of the arm (max. 2 floodlights on single arm and max. 4 floodlights on double arm). For correct installation of the luminaries, always consult the instruction sheet supplied with the product and the poles.

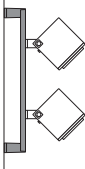
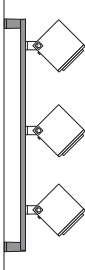

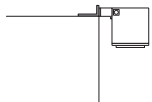
installation on poles with flanges

	ø pole	code colour
flange for 1 floodlight	120	6012 15
	102	6111 15
flange for 2 floodlights	120	6013 15
	102	6112 15





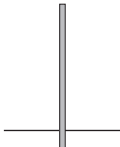
wall-mounted installation

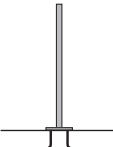
	code colour
multiple support for 2 floodlights 	6014 15
multiple support for 3 floodlights 	6015 15
applique clip 	BZM5 01-15
L-shaped bracket 	BZ91 15

For installation on large frames




cylindrical poles

	h above ground	ø pole	code colour
	5000	102	1205 15
	5000	120	1291 15
	6000	102	1542 15
	7000	102	1543 15
	7000	120	1287 15
	8000	127/102	1544 15
	9000	120	1274 15
	9000	194/120	1288 15
	9000	194/120	1545 15

	h above ground	ø pole	code colour
	5000	102	1344 15
	5000	120	1292 15
	6000	159/102	1597 15
	7000	120	1289 15
	7000	159/102	1598 15
	8000	159/102	1599 15
	9000	194/120	1290 15
	9000	194/120	1547 15

The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

	code colour
junction box 	1880 00

For multiple wiring harness on pole with $\varnothing \geq 120\text{mm}$



MaxiWoody
ø 260

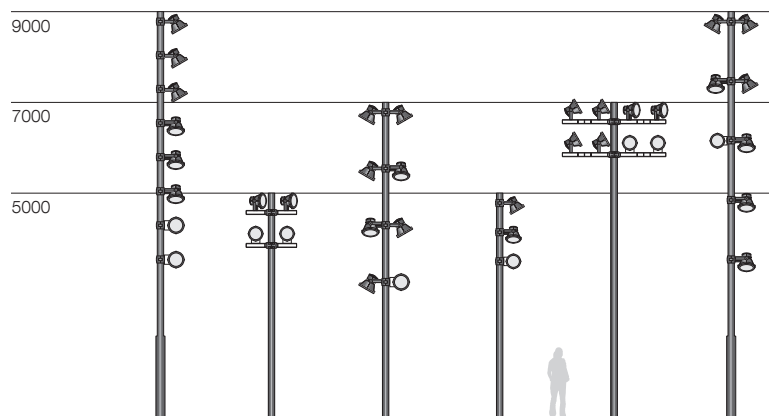


MaxiWoody
ø 315



MaxiWoody
ø 380

The system is designed to install MaxiWoody ø 260, ø 315 and ø 380 floodlights. The complete floodlight range is shown on pages 726-727



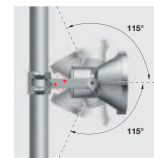


- Urban lighting system intended for use with LED and discharge light sources.
- Pole installation with single / double flange for \varnothing 102 diameter poles; \varnothing 120.
- Pole installation with single / double arms for \varnothing 102 diameter poles; \varnothing 120.
- Wall installation with multiple support for 2, 3 floodlights.
- Comprising an optical compartment (maxiWoody floodlight \varnothing 260, \varnothing 315 and \varnothing 380) and bracket.
- Optical compartment and frame in

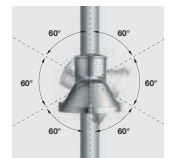
aluminium alloy; clear, colourless sodium-calcium tempered sealing glass, 4 mm thick; reflector in super-pure aluminium.

- Dual optical compartment adjustment.
- Graduated scale and mechanical aiming lock.
- The support arms are in 70 micron hot galvanised steel and available in various lengths in pole and wall mount versions; pole fixing with painted aluminium flange, the fixing system does not require any drilling of the pole.

- The poles (tapered) are in galvanised steel available in two different heights: 4 and 7 metres off ground.
- DALI driver compatible with remote management systems.
- Overvoltage protection: 10kV in Common Mode (CM), 6kV in Differential Mode (DM).
- Luminaire ready for pass-through wiring.
- No upwards dispersion of the luminous flux.
- All screws used are in A2 stainless steel.

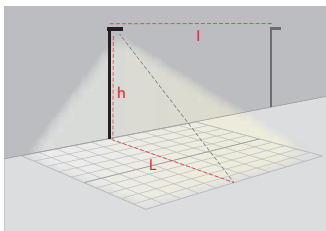


Floodlight-bracket rotation



Bracket rotation in 60° steps

Optics



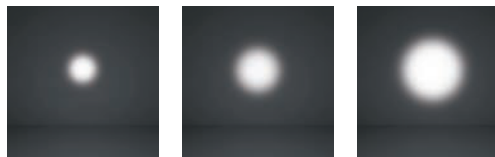
$d = L/h$
h = Installation height
L = Width of area to illuminate
l = Distance between poles

ST - Road optics

LED

ST1
 $l = 4h / d = 1$
Intensity Class: G*4

ST1.2
 $l = 4h / d = 1.2$
Intensity Class: G*4



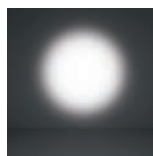
SS
 α 4°-6°



S
 α 10°-12°



M
 α 14°-16°



F
 α 30°-32°



WF
 α 44°-50°



E*

* Elliptical optics are obtained by installing the specific accessory.

Compositions

Flanges and supports



multiple support for 2 floodlights

single flange for floodlight

double flange for 2 floodlights

multiple support for 3 floodlights

Horizontal arms



arms for 1 floodlight, single installation

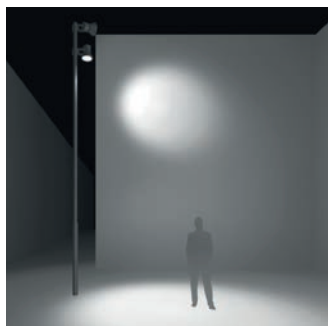
arms for 1 floodlight, double installation

arms for 2 floodlights, single installation

arms for 2 floodlights, double installation

Lighting distribution

The MultiWoody system, thanks to the double adjustability of the floodlights and the installation flexibility, allows both horizontal surfaces (streets, squares, car parks) and vertical surfaces (facings, monuments, architectonic details) to be illuminated at the same time.



Horizontal and vertical lighting



Installation on poles with arms

	length	ø pole	code colour
arm for 1 floodlight	400	120	6113 15
	390	102	6116 15
arm for 2 floodlights	795	120	6114 15
	785	102	6117 15
counter flange	178	120	6115 15
	160	102	6118 15
adapter disk			6119 15

The counter flange must also be ordered in order to secure the arm to the pole.

The counter flange must also be ordered in order to secure the arm to the pole.

To be ordered to secure the single arm to the pole. Not required when installing two opposite arms.

Allows complete rotation of the floodlight on the horizontal arm

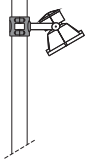


Floodlights can only be installed in the upper part of the arm (max 1 floodlight for the single arm and max 2 floodlights for the double arm). Moreover, only one MaxiWoody medium size floodlight can be installed for each arm on the flange side towards the pole. For correct installation of the luminaries, always consult the instruction sheet supplied with the product and the poles.

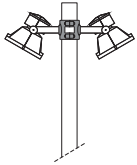


installation on poles with flanges

	ø pole	code colour
flange for 1 floodlight	102	6111 15
	120	6012 15

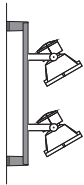


	ø pole	code colour
flange for 2 floodlights	102	6112 15
	120	6013 15

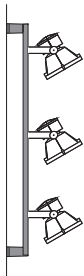


wall-mounted installation

	code colour
multiple support for 2 floodlights	6014 15

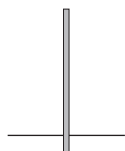


	code colour
multiple support for 3 floodlights	6015 15

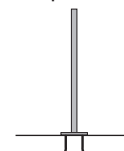


cylindrical poles

	h above ground	ø pole	code colour
below ground	5000	102	1205 15
	5000	120	1291 15
	6000	102	1542 15
	7000	102	1543 15
	7000	120	1287 15
	8000	127/102	1544 15
	9000	194/120	1288 15
	9000	194/120	1545 15
	10000	194/120	1546 15
	12000	194/120	1552 15



	h above ground	ø pole	code colour
with plate	5000	120	1292 15
	6000	159/102	1597 15
	7000	159/102	1598 15
	8000	159/102	1599 15
	9000	194/120	1547 15
	10000	194/120	1548 15
	12000	194/120	1554 15



The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

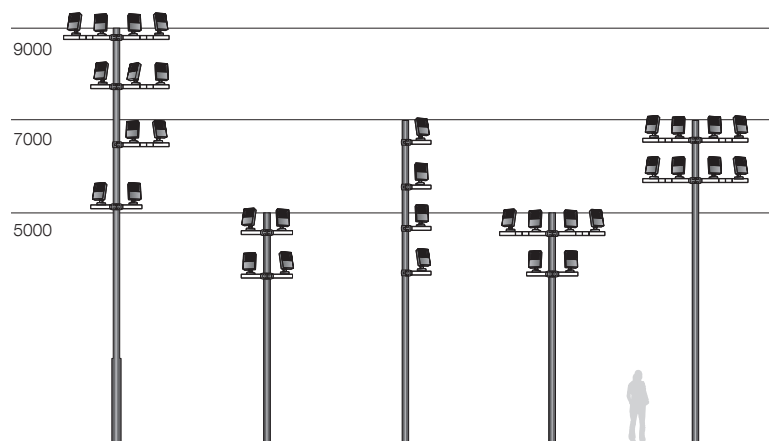
	code colour
junction box	1880 00

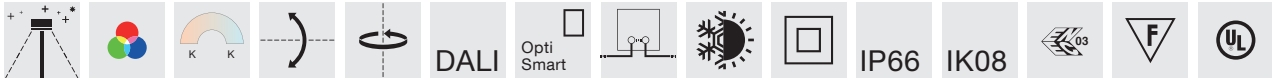


For multiple wiring harness on pole with $\varnothing \geq 120\text{mm}$



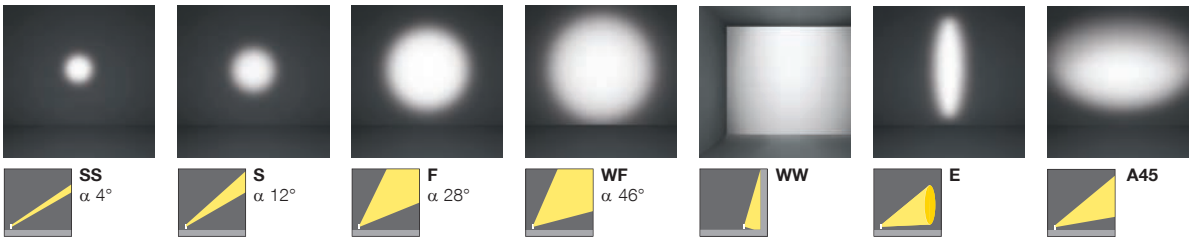
The system is designed to install the Platea Pro 214x296 floodlight. The complete floodlight range is shown on page 738



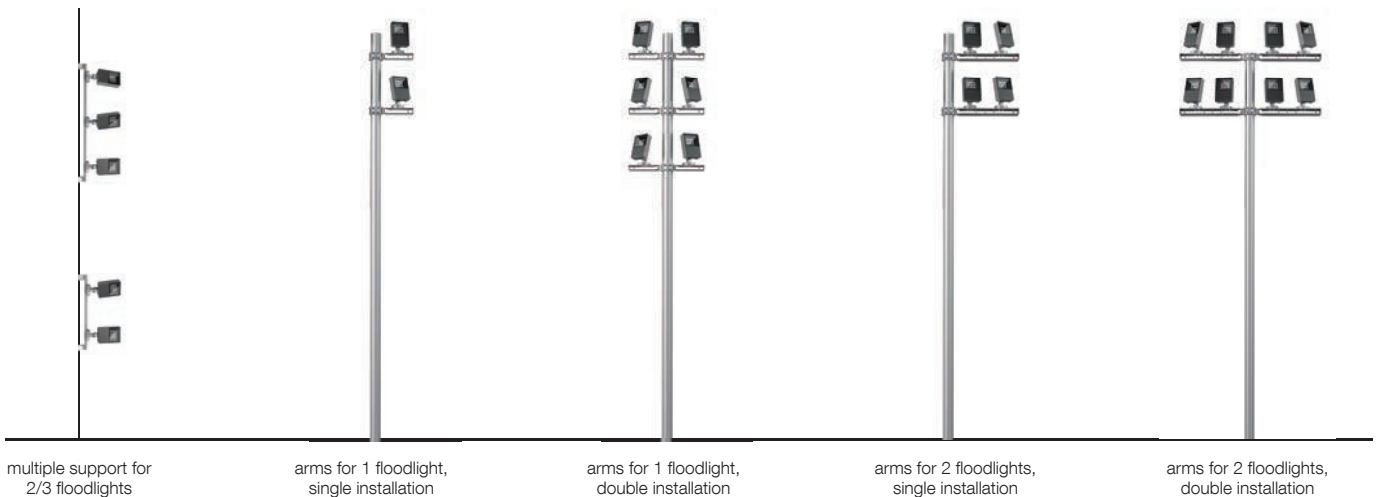


- Urban lighting system intended for use with LED light sources.
- Pole installation with single / double flange for \varnothing 102 diameter poles; \varnothing 120mm.
- Pole installation with single / double arms for \varnothing 102 diameter poles; \varnothing 120mm.
- Wall installation with multiple support for 2, 3 units.
- Comprising an optical compartment (Platea Pro).
- Optical compartment and frame in aluminium alloy; clear, colourless sodium-calcium tempered sealing glass, 5 mm thick (6 mm for all glass version);
- Dual optical compartment adjustment.
- Graduated scale and mechanical aiming lock.
- Luminaire ready for pass-through wiring.
- DALI driver compatible with remote management systems.
- Common mode surge protection up to 10KV. differential mode up to 6 KV.
- An active control system changes the current intensity in order to maintain the lifespan of the LEDs even under extreme thermal conditions.
- All screws used are in A2 stainless steel.

Optics



Compositions





installation on poles with arms

	length	ø pole	code colour
arm for 1 floodlight	400	120	X411 15
	390	102	X412 15
arm for 2 floodlights	795	120	X413 15
	785	102	X414 15
counter flange	178	120	6115 15
	160	102	6118 15
adapter disk			X415 15

The counter flange must also be ordered in order to secure the arm to the pole.

The counter flange must also be ordered in order to secure the arm to the pole.

To be ordered to secure the single arm to the pole. Not required when installing two opposite arms.

Allows complete rotation of the floodlight on the horizontal arm



Floodlights can only be installed in the upper part of the arm (max 1 floodlight for the single arm and max 2 floodlights for the double arm). For correct installation of the luminaries, always consult the instruction sheet supplied with the product and the poles.

wall-mounted installation

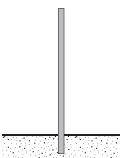
	code colour
multiple support for 2 floodlights	6014 15
multiple support for 3 floodlights	6015 15
adapter disk	X415 15

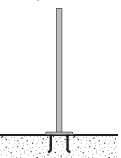
Allows installation of multiple support for 2/3 floodlights





cylindrical poles

	h above ground	ø pole	code colour
below ground 	5000	102	1205 15
	5000	120	1291 15
	6000	102	1542 15
	7000	102	1543 15
	7000	120	1287 15
	8000	127/102	1544 15
	9000	194/120	1288 15
	9000	194/120	1545 15
	10000	194/120	1546 15
	12000	194/120	1552 15

	h above ground	ø pole	code colour
with plate 	5000	120	1292 15
	6000	159/102	1597 15
	7000	159/102	1598 15
	8000	159/102	1599 15
	9000	194/120	1547 15
	10000	194/120	1548 15
	12000	194/120	1554 15

The technical characteristics of the poles are detailed on page 585
Fixing plate with anchor bolts to be ordered separately (page 596)

	code colour
junction box	1880 00



For multiple wiring harness on pole with $\phi \geq 120\text{mm}$



The Whispering Lights of Old Town Tallinn - Tallin, Estonia

Client: Kapitel AS
Lighting project: LDC - Anuj Gala,
Jari Vuorinen
Photo: Tiit Veermäe



Poles



Cylindrical poles **586**



Cylindrical poles with shank **587**



Tapered poles **588**



Conical poles **589**



Conical curved poles **590**



Poles with curved arm **591**

Accessories for poles **592**



Features

- Poles in EN10025-S235JR steel or EN10025-S355JR steel, hot-galvanised (70 micron) as per UNI EN ISO 1461 (EN40-5).
- Powder paint surface treatment.
- Cylindrical diameter geometry
- ϕ 76/102/120 mm.
- The upper part of the poles (code 1542-1543) has six through-passing holes and threaded inserts in stainless steel to fix the arm with tie rod (for Lavinia and Cut-Off systems).
- Poles (code 1274-1287-1291) for MultiWoody and MultiPro system applications have six through-passing holes with rubber seals for passage of cables.

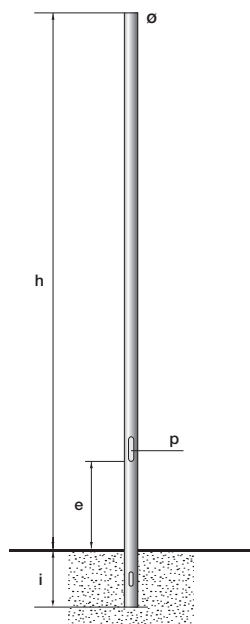
- Poles (code 2511-2513) have four through-passing holes with threaded inserts for installation of the iRoll 65 system.
- Cable input slot
- 150x50 mm or 62x42 mm.
- Anchor plate in hot galvanised steel (70 micron) with 4 slots/holes.
- Fixing plate and anchor bolts (to be ordered separately).
- Terminal strip with single or double fuse holder, four 3-way polarities per pole 16 mm² input cables and 2.5 mm² output cables.
- Suitable for Italian/French/Spanish terminal strips, English (with wooden adapter to be ordered separately) and German/Swiss

(with DIN guideway to be ordered separately). Refer to the instructions sheet for the reference codes.

- IP54 patch doors 132x38 mm and 186x45 mm with external ground/earth.
- IP44 flush-mounted door 310x95 mm with internal ground/earth.
- Terminal strip: IP43 IK08 (1862-1864-1865), IP44 IK08 (1863).

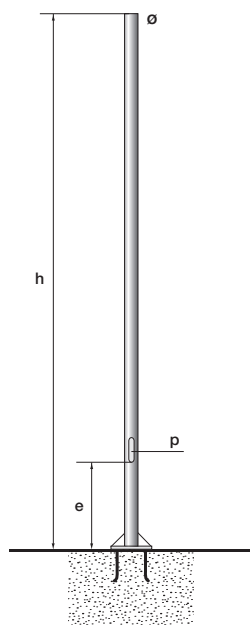


Customised poles for individual European markets



buried pole

diameter pole (ø)	height above ground (h)	height to be buried holes (i)	thickness	weight (kg)	hatch dimensions (p)	h from ground of lid (e)	pole		terminal strip code	lid key code
							code	colour		
60	2500	500	3	14	-	1064	E062	15	-	-
	3500	500	5	29	-	1064	E063	15	-	-
76	4000	600	4	35	132x38	1000	1271	15	1864	0227
102	3500	500	3	30	186x45	1064	1203	15	1862-1865	0227
	5000	600	3	43	186x45	1064	1205	15	1862-1865	0227
	6000	800	4	66	186x45	1000	1542	15	1862-1865	0227
	7000	1000	4	78	186x45	1000	1543	15	1862-1865	0227
120	5000	600	3	52	310x95	1000	1291	15	1863	0246
	7000	1000	4	97	310x95	1000	1287	15	1863	0246
	9000	1000	4	120	186x45	1000	1274	15	1862-1865	0227



pole with plate

diameter pole (ø)	height (h)	thickness	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		fixing plate code	terminal strip code	lid key code
						code	colour			
76	4000	4	40	132x38	1000	1272	15	1168	1864	0227
102	5000	3	49	186x45	1000	1344	15	1168	1862-1865	0227
120	5000	3	55	310x95	1000	1292	15	1168	1863	0246
	7000	4	93	310x95	1000	1289	15	0453	1863	0246

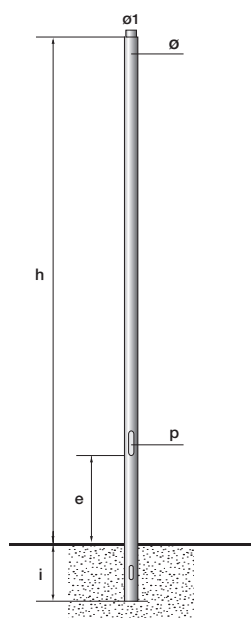


Features

- Poles in EN10025-S235JR steel or EN10025-S355JR steel, hot-galvanised (70 micron) as per UNI EN ISO 1461 (EN40-5).
- Powder paint surface treatment.
- Cylindrical geometry diameter \varnothing 76 mm (\varnothing 60 mm tang), \varnothing 102 mm (\varnothing 76 mm tang), \varnothing 120 mm (\varnothing 102 mm tang).
- 3 mm shim (for 1523-E064 poles - 4 mm shim).
- Poles (code 2515-2519) have four through-passing holes with threaded inserts for installation of the iRoll 65 system.
- Cable input slot 150x50 mm.
- Anchor plate in hot galvanised steel (70 micron) with 4 slots.
- Fixing plate and anchor bolts (to be ordered separately).
- Terminal strip with single or double fuse holder, four 3-way polarities per pole 16 mm² input cables and 2.5 mm² output cables.
- Suitable for Italian/French/Spanish terminal strips, English (with wooden adapter to be ordered separately) and German/Swiss (with DIN guideway to be ordered separately). Refer to the instructions sheet for the reference codes.
- IP54 patch door 132x38 mm and 186x45 mm with external ground/earth.
- IP44 flush-mounted door 410x95 mm with internal ground/earth.
- Terminal strip IP43 IK08 (1862-1864-1865), IP44 IK08 (1863).

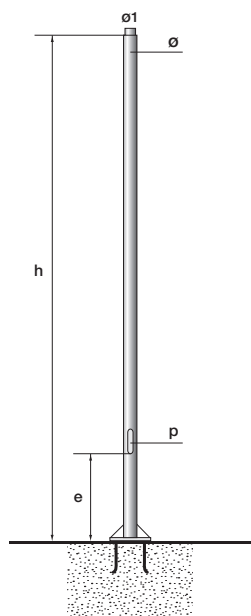


Customised poles for individual European markets



buried pole

diameter pole (Ø)	shank diameter (Ø1)	height above ground (h)	height to be buried holes (i)	thickness	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		terminal strip code	lid key code
								code	colour		
76	60	4000	600	4	36	132x38	1000	E064	15	1864	0227
102	76	6000	800	3	51	186x45	1000	1518	15	1862-1865	0227
120	102	7000	1000	3	72	186x45	1000	1519	15	1862-1865	0227
120	102	8000	1000	3	80	186x45	1000	1520	15	1862-1865	0227



pole with plate

diameter pole (Ø)	shank diameter (Ø1)	height (h)	thickness	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		fixing plate code	terminal strip code	lid key code
							code	colour			
120	102	6000	3	78	410x95	1000	1521	15	1165	1863	0246
		7000	3	87	410x95	1000	1522	15	1165	1863	0246
		8000	4	118	410x95	1000	1523	15	1165	1863	0246

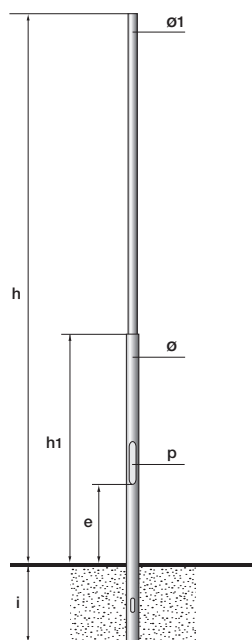


Features

- Poles in EN10025-S235JR steel or EN10025-S355JR steel, hot-galvanised (70 micron) as per UNI EN ISO 1461 (EN40-5).
- Powder paint surface treatment.
- Geometry with two cylindrical sections having diameters of 127/102 mm, 159/102 mm and 194/120 mm.
- The upper part of the poles (code 1544-1545-1546-1547-1548-1552-1554-1561-1562-1565-1597-1598-1599) has six through-passing holes and threaded inserts in stainless steel to fix the arm with tie rod (for Lavinia and Cut-Off systems).
- Cable input slot 150x50 mm.
- Anchor plate in hot galvanised steel (70 micron) with 4 slots/holes.
- Fixing plate and anchor bolts (to be ordered separately).
- Terminal strip with single or double fuse holder, four 3-way polarities per pole 16 mm² input cables and 2.5 mm² output cables.
- Suitable for Italian/French/Spanish terminal strips, English (with wooden adapter to be ordered separately) and German/Swiss (with DIN guideway to be ordered separately). Refer to the instructions sheet for the reference codes.
- IP54 Patch door 186x45 mm with external ground/earth.
- IP44 flush-mounted door 310x95 and IP3X 400x90 mm with internal ground/earth.
- Terminal strip IP43 IK08 (1862-1865), IP44 IK08 (1863).

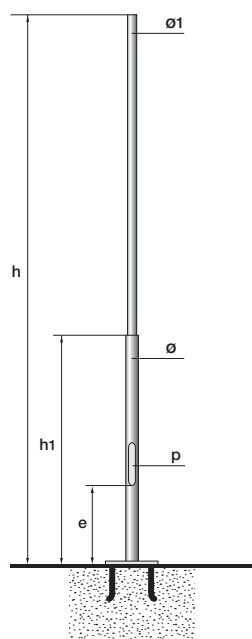


Customised poles for individual European markets



buried tapered pole

diameter pole (ø / ø1)	height above ground (h)	height (h1)	height to be buried holes (i)	thickness (ø / ø1)	weight (kg)	hatch dimensions (p)	h from ground of lid (e)	pole		terminal strip code	lid key code
								code	colour		
127/102	8000	3000	1000	4/4	102	186x45	1000	1544	15	1862-1865	0227
	9000	3200	1000	4/3	152	310x95	1000	1288	15	1863	0246
194/120	9000	3200	1000	4/3	152	310x95	1000	1545	15	1863	0246
	10000	3200	1000	4/3	164	310x95	1000	1546	15	1863	0246
	12000	5200	800	4/4	212	400x90	600	1552	15	1863	0246



tapered pole with plate

diameter pole (ø / ø1)	height (h)	height (h1)	thickness (ø / ø1)	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		fixing plate code	terminal strip code	lid key code
							code	colour			
159/102	6000	2000	3/3	91	310x95	1000	1597	15	1165	1863	0246
	7000	2000	4/3	111	310x95	1000	1598	15	1165	1863	0246
	8000	3000	4/4	133	310x95	1000	1599	15	1165	1863	0246
194/120	9000	3200	4/3	163	310x95	1000	1547	15	1165	1863	0246
	9000	3200	4/3	163	310x95	1000	1290	15	1165	1863	0246
	10000	3200	4/3	174	310x95	1000	1548	15	1165	1863	0246
	12000	5200	4/4	222	400x90	600	1554	15	1164	1863	0246

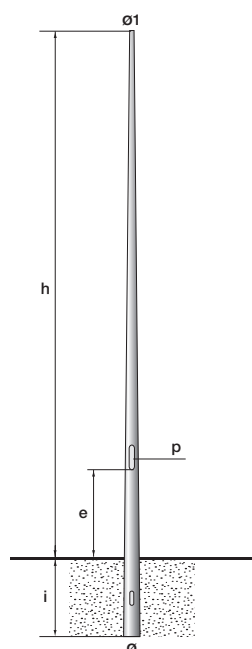


Features

- Poles in EN10025-steel or S235JR-steel, hot-galvanised (70 micron) as per UNI EN ISO 1461 (EN40-5).
 - Powder paint surface treatment.
 - tapered geometry with a diameter of more than 60 mm.
 - Shim 3 mm.
 - Slot for cable input (buried version), 150x50 mm.
 - Anchor plate in hot galvanised steel (70 micron) EN 10025-S235JR.
 - Plates and anchor bolts available
- in various sizes depending on the pole.
- 186x45 mm patch door in cast aluminium with sealing gasket.
 - Terminal strip with single or double fuse holder, four 3-way polarities per pole input cables x 16 mm² (code 1864 6 mm²) and output x 2.5 mm².
 - Earth/ground system with cable lug and weather-resistant steel cable, A2 M8x16 stainless steel screw.
- Hatch/Door: IP54
 - Terminal strip: IP43 IK08

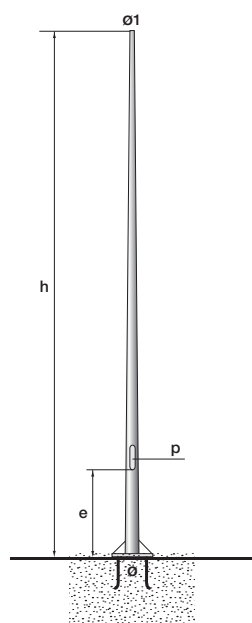


Customised poles for individual European markets



buried pole

base diameter (ø)	diameter of head (ø1)	height above ground (h)	height to be buried holes (i)	thickness	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		terminal strip code	lid key code
								code	colour		
106	60	4000	600	3	29	186x45	800	1275	15	1864	0227
138	60	7000	800	3	56	186x45	1000	1281	15	1862-1865	0227
158	60	9000	800	3	77	186x45	1000	1282	15	1862-1865	0227



pole with plate

base diameter (ø)	diameter of head (ø1)	height (h)	thickness	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		fixing plate code	terminal strip code	lid key code
							code	colour			
130	60	7000	3	62	186x45	1000	1283	15	0453	1862-1865	0227
150	60	9000	3	104	186x45	1000	1284	15	1165	1862-1865	0227

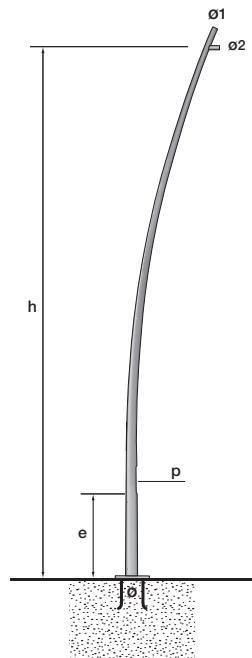


Features

- Poles in EN10025-steel or S235JR-steel, hot-galvanised (70 micron) as per UNI EN ISO 1461 (EN40-5).
- Powder paint surface treatment.
- tapered curved geometry with a final diameter of more than 70 mm.
- Shim 3 mm.
- Anchor plate 400x400 mm in hot galvanised steel (70 micron) with 4 slots.
- Fixing plate and anchor bolts (to be ordered separately).
- Flush hatch IP3X 400x90 mm in steel.
- Terminal strip with double fuse holder, four 3-way polarities per pole 16 mm² input cables and 2.5 mm² output cables.
- Suitable for Italian/French/Spanish terminal strips, English (with wooden adapter to be ordered separately) and German/Swiss (with DIN guideway to be ordered separately). Refer to the instructions sheet for the reference codes.
- Internal earth/ground system with cable lug and stainless steel screw.
- Terminal strip: IP44 IK08

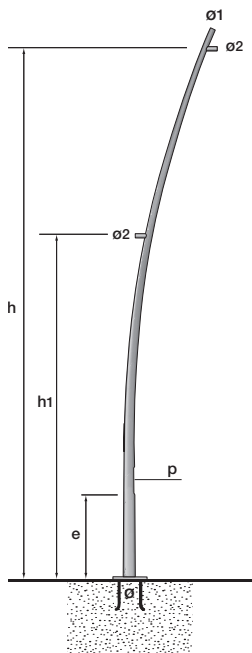


Customised poles for individual European markets



pole with plate

base/head diameter (ø / ø1)	coupling diameter (ø2)	height (h)	thickness	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		fixing plate code	terminal strip code	lid key code
							code	colour			
147/70	60	6000	3	72	400x90	800	1506	15	1165	1863	0246
172/70	60	8000	3	94	400x90	800	1507	15	1165	1863	0246



pole with plate and intermediate support

base/head diameter (ø / ø1)	coupling diameter (ø2)	height (h)	height (h1)	thickness	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		fixing plate code	terminal strip code	lid key code
								code	colour			
147/70	60	6000	4000	3	73	400x90	800	1508	15	1165	1863	0246
172/70	60	8000	4000	3	95	400x90	800	1509	15	1165	1863	0246

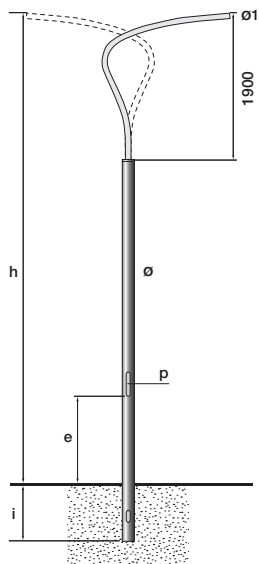


Features

- Poles in EN10025-steel or S235JR-steel, hot-galvanised (70 micron) as per UNI EN ISO 1461 (EN40-5).
- Powder paint surface treatment.
- cylindrical geometry with a diameter of 160 mm.
- 4 mm shim codes 1515-1570-1588-1910, 3 mm shim codes 1511-1566-1585-1909.
- Cable input slot 150x50 mm.
- Anchor plate 400x400 (280x280 mm for poles code 1566-1909) in hot galvanised steel (70 micron) with 4 slots.
- Fixing plate and anchor bolts (to be ordered separately).
- IP44 310x95 mm flush hatch/door in cast aluminium with sealing gasket.
- Terminal strip with double fuse holder, four 3-way polarities per pole 16 mm² input cables and 2.5 mm² output cables.
- Suitable for Italian/French/Spanish terminal strips, English (with wooden adapter to be ordered separately) and German/Swiss (with DIN guideway to be ordered separately). Refer to the instructions sheet for the reference codes.
- Internal earth/ground system with cable lug and stainless steel screw.
- Versions complete with single or double arm, available respectively in lengths L = 1250 mm and 2500 mm.
- S235JR steel arm with 76 mm diam. and 4 mm thickness. Subjected to powder paint treatment.
- Arms mounted on the pole using 4 x M10 screws.
- Terminal strip: IP44 IK08



Customised poles for individual European markets

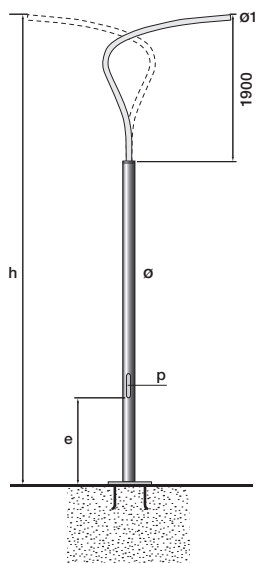


buried pole with arm

diameter pole (Ø)	coupling diameter (Ø1)	height above ground (h)	height to be buried holes (i)	thickness	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		terminal strip code	lid key code
								code	colour		
160	76	6700	800	3	94	310x95	1000	1511	74	1863	0246
		8700	1000	4	148	310x95	1000	1515	74	1863	0246

buried pole with 2 arms

diameter pole (Ø)	coupling diameter (Ø1)	height above ground (h)	height to be buried holes (i)	thickness	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		terminal strip code	lid key code
								code	colour		
160	76	6700	800	3	118	310x95	1000	1585	74	1863	0246
		8700	1000	4	172	310x95	1000	1588	74	1863	0246



pole with plate with arm

diameter pole (Ø)	coupling diameter (Ø1)	height (h)	thickness	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		fixing plate code	terminal strip code	lid key code
							code	colour			
160	76	6700	3	97	310x95	1000	1566	74	0453	1863	0246
		8700	4	157	310x95	1000	1570	74	1165	1863	0246

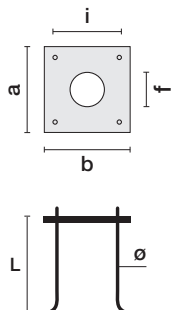
pole with plate with 2 arms

diameter pole (Ø)	coupling diameter (Ø1)	height (h)	thickness	weight (kg)	lid dimensions (p)	h from ground of lid (e)	pole		fixing plate code	terminal strip code	lid key code
							code	colour			
160	76	6700	3	121	310x95	1000	1909	74	0453	1863	0246
		8700	4	181	310x95	1000	1910	74	1165	1863	0246

Accessories for poles

Fixing plate

70 micron hot galvanised steel fixing base, with 4 holes and complete with anchor bolts.



size (a x b)	hole centres holes (i)	diameter (f)	clamps length (L)	clamps diameter (ø)	clamps threading	code	colour
310x310	200	100	400	16	M18	1168	00
310x310	200	100	500	16	M18	0453	00
440x440	300	100	500	22	M24	1165	00
440x440	300	100	650	22	M24	1164	00

Terminal blocks

The terminal blocks have four polarities with three ways for pole and are fitted for bridge wiring. They are made with class II insulation.

description	code	colour
Equipped with a fuse holder for dim. 8.5x31.5 - 380 V - max 10 A. Suitable for power supply cables 16 mm ² in section at the inlet and 2.5 mm ² at the outlet, for the light source connection.	1862	00
Equipped with a fuse holder for dim. 10.3x38 - 380 V - max 20A. Suitable for power supply cables 16 mm ² in section at the inlet and 2.5 mm ² at the outlet, for the light source connection.	1863	00
Equipped with two fuse holders for dim. 5x20 - 250 V - max 10A. Suitable for power supply cables 6 mm ² in section at the inlet and 2.5 mm ² at the outlet, for the light source connection.	1864	00
Equipped with two fuse holders for dim 8.5x31.5 - 380 V - max 10A. Suitable for power supply cables 16 mm ² in section at the inlet and 2.5 mm ² at the outlet, for the light source connection.	1865	00





Linear façade illumination systems

Vertical excellence

Oblique lighting highlights and emphasises the three-dimensional nature of the wall where it is used. Light interacts and plays with the material to create attractive, scenic images and a new setting that quite simply does not exist during the day. Optics are particularly well controlled to ensure uniform lighting. Static or dynamic light at colour temperature or in RGB colour variants.

596 Overview - Linear façade illumination systems

599 Linealuce

647 Underscore InOut



Overview - Linear façade illumination systems



602 Linealuce Mini 47
surface

610 Linealuce Mini 47
recessed luminaire

616 Linealuce Mini 37
surface

622 Linealuce Mini 37
recessed luminaire

Performances

new

Optics	12°/32°/36°/38°/42°/44°/WGM/ WGS/WGWF	50°/WGM/WGS/WGWF	17°/18°/38°/WG	46°/50°/WG
Power W	24,7 → 61,1	24,7 → 61,1	4 → 42,6	7,41 → 18,7
Luminous flux lm	841 → 5670	1019 → 4916	292 → 1458	303 → 1378
Colour temperature K	2700/3000/4000	2700/3000/4000	3000/4000	3000/4000
RGB	●		●	●
RGBW	●	●		
Tunable White 2700K÷5700K	●	●		

Features

Built-in power supply unit	●			
Feed-through wiring	●	●	●	●
Fast-acting connection	●	●	●	●
Protocol	DMX	DMX/DALI	DMX/DALI/PWM	DMX/DALI/PWM

Dimensions and installation

Lengths (range cm)	611 → 1502	610 → 1501	590 → 1609	590 → 1609
Floor	●	●	●	●
Ceiling-mounted	●	●	●	●
Wall-mounted	●	●	●	●



652 Underscore InOut 10

656 Underscore InOut 16

668 Underscore InOut 16
Dive

671 Underscore InOut
Grin

Performances

new

Optics	GL	GL	GL	GL
Power W	2,1 → 61,6	2,1 → 81	2,1 → 46	4,3 → 12
Luminous flux lm	16,8 → 2310	14,5 → 4690,7	29 → 1778,4	58 → 648
Colour temperature K	2500/2900/3800/4600	2500/2600/2800/2900/3600/3800/4400/4500	2900/4500	2500/2600/2800/2900/3600/3800/4400/4500
RGB	●	●		●
Tunable White 2700K÷5700K	●	●	●	●

Features

Built-in power supply unit				
Feed-through wiring				
Fast-acting connection				
Protocol	DMX/DALI/PWM	DMX/DALI/PWM	DMX/DALI/PWM	DMX/DALI/PWM

Dimensions and installation

Lengths (range cm)	254 → 7004	254 → 7004	254/504/1004/2004/3004/5004	522/1022
Floor (surface)	●	●	●	
Ceiling (surface)	●	●	●	
Wall (surface)	●	●	●	

Optics: WG Wall Grazing - WGS Wall Grazing Spot - WGM Wall Grazing Medium - WGWF Wall Grazing Wide Flood - E Ellittica - GL General Lighting



628 Linealuce Compact 47
surface

636 Linealuce Compact 75
surface

642 Linealuce Compact 75
recessed luminaire

new

12°/34°/38°/50°/WG/WGS	WG/WGS	42°/WG
24,7 → 61,1	8,2 → 66,2	8,2 → 66,2
673 → 4536	494 → 5092	477 → 3763
2700/3000/4000	3000/4000	3000/4000
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•
DMX	DMX/DALI	DMX/DALI
611 → 1502	506 → 1585	579 → 1658
•	•	•
•	•	•
•	•	•





Linealuce Mini 47
surface
page 602



NEW
Linealuce Mini 47
recessed luminaire
page 610



Linealuce Mini 37 / 37R
surface
page 616



Linealuce Mini 37
recessed luminaire
page 622



NEW
Linealuce Compact 47
surface
page 628



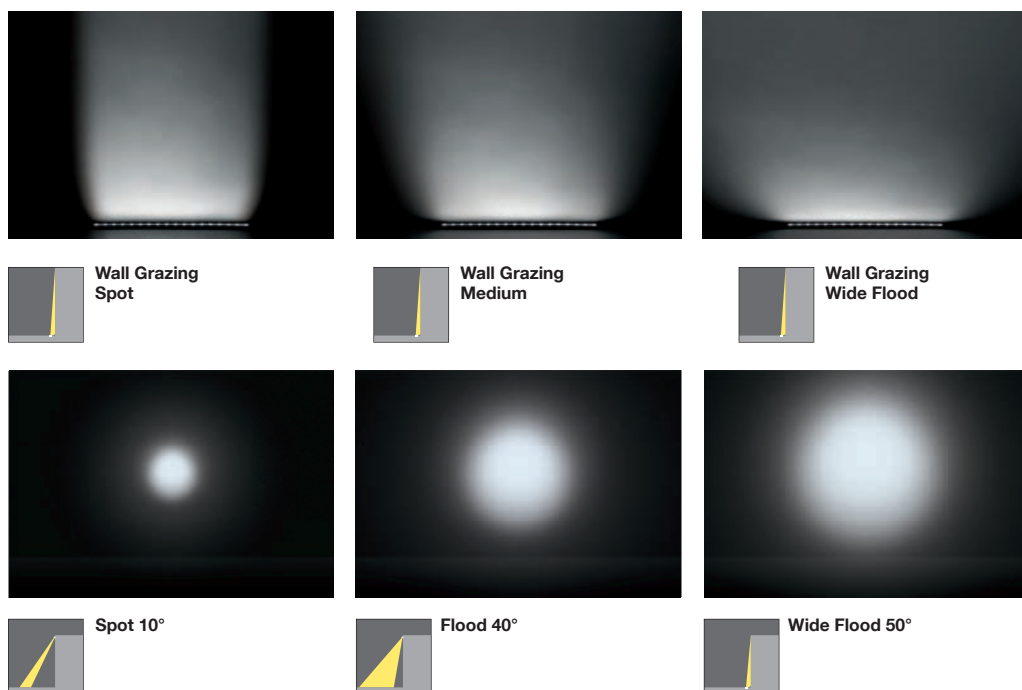
Linealuce Compact 75
surface
page 636



Linealuce Compact 75
recessed luminaire
page 642

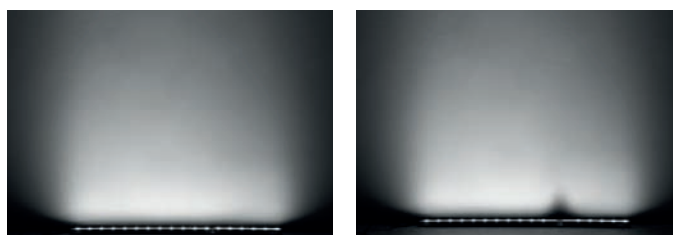
Linealuce

It's in the optics



Even lighting

Even with the luminaires installed in a "continuous line", the design of the end caps guarantees lighting evenness, for a shadow-free lighting effect even where the modules are joined.



Perfect lighting uniformity

Gap in the lighting effect

Tunable White



This dynamic light is also perfect for altering perceptions of architecture and adapting lighting to changes in time and season.



A different perception of architecture



Hourly variation of colour temperature (morning and evening)



Colour variation throughout the seasons

RGBW / WRGBW



In addition to all shades, this technology allows a pure white, without the influence of RGB colours, to be obtained.



RGBW / WRGBW



White obtained with RGBW / WRGBW

Reliability for Better Light

To ensure high reliability over time, the product is sealed in a climate-controlled chamber before being tested under pressure.

Two liquid paint coats

- 1 Aluminium
- 2 Fluoro-zirconium
- 3 Nano-technology polymer
- 4 Primer
- 5 Liquid paint

Resistant to corrosive agents

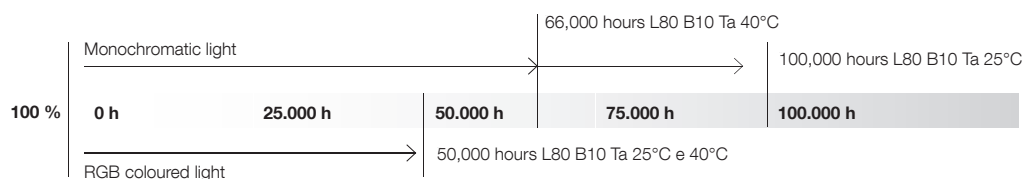
Two-stage pre-treatment: one involves fluoride-zircon coating, the other a coating with nano-technology polymers.

Best in class LIFETIME

Correct heat and electronic dissipation maintains vital system parameters at optimal levels.

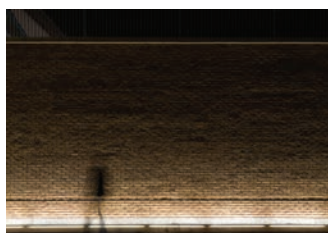
Also withstands extreme temperatures

Linealuce functions correctly even at extreme temperatures (-30° +45°).

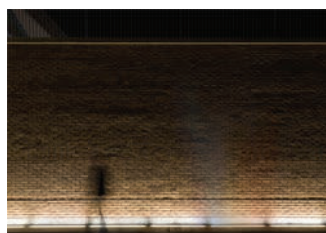


MacAdam

We select the best suppliers in the world to ensure constant and repetitive LED selection in order to ensure colour uniformity not only over time but also between different products included in the same lighting project. MacAdam < 3 is a standard for us.



Constant chromatic homogeneity



Lack of chromatic homogeneity

Dynamic Light

PWM

Digital technology used to dim the luminous flux based on modulated pulses (Pulse with Modulation) generated on the same power supply line as the luminaires, without the need for any additional signal cables. For PWM operation an interface is installed between the luminaires and the driver in order to dim the luminous flux of all luminaires in the same way.

DALI

Protocol mainly used for indoor lighting and characterised by a limited data transmission speed (2500 bytes/second). It can control installations with simple dynamic light without rapid scene changes. The DALI protocol can control up to 64 independent luminaire addresses.

DMX

This protocol is used for professional architectural lighting and is the ideal solution for RGB light scenes. It has a high data transmission speed (250 thousand bytes/second) and can control 512 independent addresses. Our luminaires use the DMX of RDM type, with bi-directional communication for diagnostics and remote addressing.

Linealuce Mini 47

surface

design Jean Michel Wilmotte



Monochromatic: DALI - DMX
RGB / RGBW / Tunable White: DMX



611 mm
Monochrome: DALI - DMX
RGB: DMX
RGBW: DMX
Tunable White: DMX



908 mm
Monochrome: DALI - DMX
RGB: DMX
RGBW: DMX
Tunable White: DMX



1205 mm
Monochrome: DALI - DMX
RGB: DMX
RGBW: DMX
Tunable White: DMX



1502 mm
Monochrome: DALI - DMX
RGBW: DMX
Tunable White: DMX



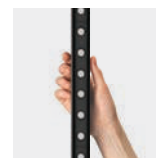
Explore and interact with products in 3D.
thelightexperience.iguzzini.com



- Luminaire intended for use with monochromatic and LED and RGBW light sources (44-52Vdc DMX-RDM), Tunable White and RGB (48-52Vdc DMX-RDM).
- Wall and ceiling mount as well as support with adjustable arms.
- Comprising housing with a DMX-RDM driver and end caps.
- Extruded aluminium body and flush end caps in die-cast zamak complete with silicone gaskets.
- Liquid acrylic paint ensuring high resistance to atmospheric agents and UV rays.
- Optical compartment closed at the top by a 3mm thick transparent glass screen secured with silicone.
- Supplied with double nickel-plated brass cable gland, outgoing PVC

- cables and IP68 male and female connectors at the end for pass-through wiring.
- Equipped with optics with plastic lenses (methacrylate).
- Wall-grazing Spot light distribution optics (WGS), Wall grazing Medium (WGM) and Wall grazing WF (Wide Flood).
- Optics for Accent and Flood Light distributions - Spot (S), Flood (F) and WF (Wide Flood) types.
- Indoor accessory filters for elliptical distribution.
- Indoor accessories: longitudinal blade -louvre, crossways blade louvre and honeycomb for high visual comfort.
- IK 08 by installing outdoor accessories: symmetrical and

- asymmetrical crossways blade screens for high visual comfort in down-light applications.
- Electronic power supply unit to be ordered separately.
- Built-in DMX-RDM driver with Insulation Class III
- Built-in DALI driver with Insulation Class II
- All external screws used are in A2 stainless steel.

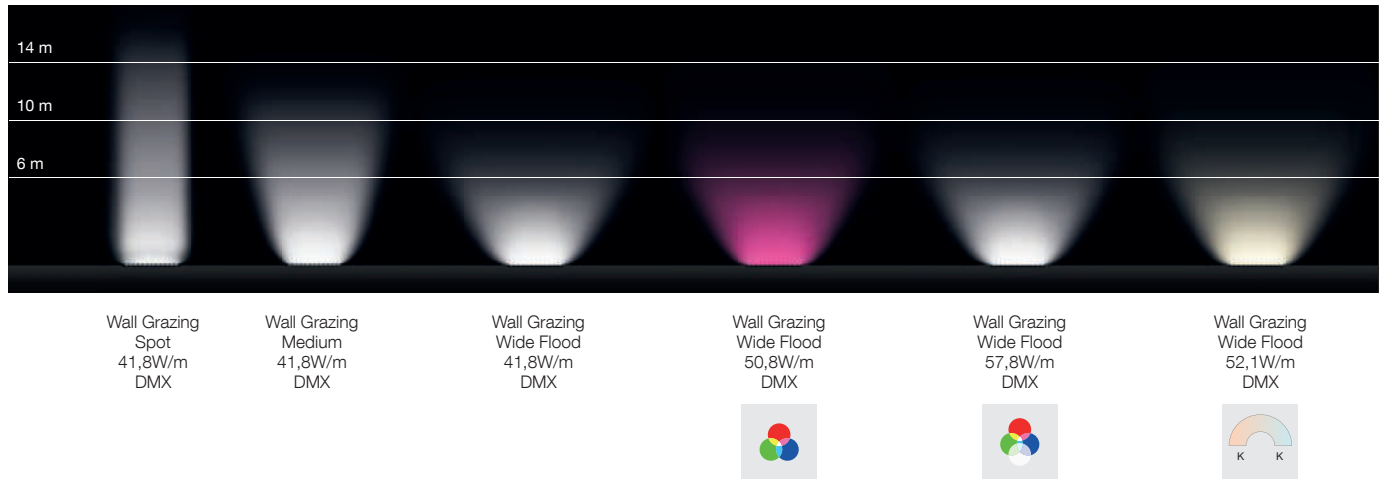


Small size

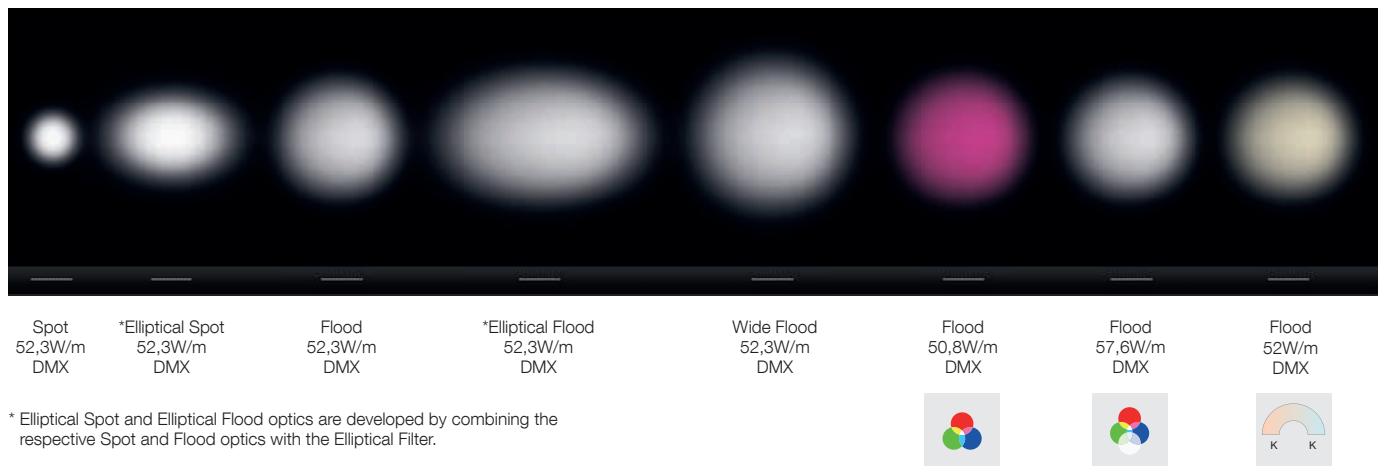


Installation in continual line

Wall Grazing optics



Floodlight optics



* Elliptical Spot and Elliptical Flood optics are developed by combining the respective Spot and Flood optics with the Elliptical Filter.

Accessories

For product-accessory combinations, refer to the instructions sheet.

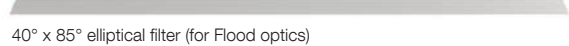
indoor comfort



outdoor comfort



indoor optics



indoor comfort



outdoor comfort



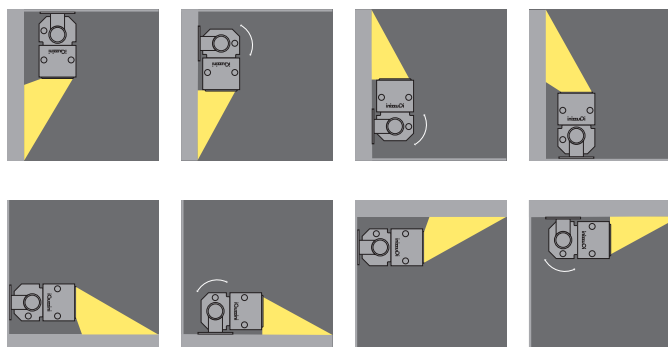
Linealuce Mini 47

surface

Applications

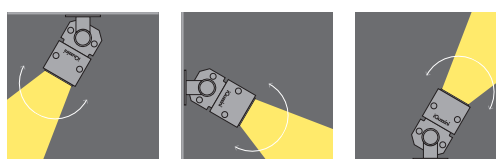
Wall Grazing

Radial light, with Spot, Medium and Wide Flood optics. The product can be adjusted so that it is possible to illuminate uniformly the opposite or the same surface as the installation surface.

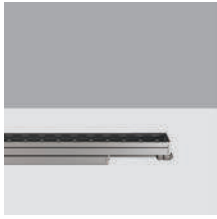


Floodlight

Adjustable floodlight with Spot, Flood and Wide Flood optics as well as two elliptical optics that can be implemented using respective accessories for ceiling, wall and ground installations.



**Médiathèque de Bayeux –
Bayeux, France**
Architectural Project: SERERO
Architectes
Photo: Didier Boy de la Tour



source		system		length	code	colour
W	lm	W	lm			
Spot 12°						
LED						
4000K - CRI 80 - DALI						
21W	2800	24,7W	2268	611	EL34	15
31W	4200	35,6W	3402	908	EL35	15
42W	5600	46,8W	4536	1205	EL36	15
52W	7000	57,3W	5670	1502	EL37	15
3000K - CRI 80 - DALI						
21W	2800	24,7W	2268	611	EL38	15
31W	4200	35,6W	3402	908	EL39	15
42W	5600	46,8W	4536	1205	EL40	15
52W	7000	57,3W	5670	1502	EL41	15
2700K - CRI 80 - DALI						
21W	2600	24,7W	2106	611	EL42	15
31W	3900	35,6W	3159	908	EL43	15
42W	5200	46,8W	4212	1205	EL44	15
52W	6500	57,3W	5265	1502	EL45	15

Complete with electronic control card.
Power supply to be ordered separately.
Class of Insulation II.

Spot 12°						
LED						
4000K - CRI 80 - DMX						
21W	2800	24,7W	2268	611	EG43	15
31W	4200	35,6W	3402	908	EG44	15
42W	5600	46,8W	4536	1205	EG45	15
52W	7000	57,3W	5670	1502	EG46	15
3000K - CRI 80 - DMX						
21W	2800	24,7W	2268	611	EG47	15
31W	4200	35,6W	3402	908	EG48	15
42W	5600	46,8W	4536	1205	EG49	15
52W	7000	57,3W	5670	1502	EG50	15
2700K - CRI 80 - DMX						
21W	2600	24,7W	2106	611	EG51	15
31W	3900	35,6W	3159	908	EG52	15
42W	5200	46,8W	4212	1205	EG53	15
52W	6500	57,3W	5265	1502	EG54	15

Complete with electronic control card.
Power supply to be ordered separately.



source		system		length	code	colour
W	lm	W	lm			
Flood 38°						
LED						
4000K - CRI 80 - DALI						
21W	2800	24,7W	1652	611	EL46	15
31W	4200	35,6W	2478	908	EL47	15
42W	5600	46,8W	3304	1205	EL48	15
52W	7000	57,3W	4130	1502	EL49	15
3000K - CRI 80 - DALI						
21W	2800	24,7W	1652	611	EL50	15
31W	4200	35,6W	2478	908	EL51	15
42W	5600	46,8W	3304	1205	EL52	15
52W	7000	57,3W	4130	1502	EL53	15
2700K - CRI 80 - DALI						
21W	2600	24,7W	1534	611	EL54	15
31W	3900	35,6W	2301	908	EL55	15
42W	5200	46,8W	3068	1205	EL56	15
52W	6500	57,3W	3835	1502	EL57	15

Complete with electronic control card.
Power supply to be ordered separately.
Class of Insulation II.

Flood 32°÷38°						
LED						
4000K - CRI 80 - DMX						
21W	2800	24,7W	1652	611	EG55	15
31W	4200	35,6W	2478	908	EG56	15
42W	5600	46,8W	3304	1205	EG57	15
52W	7000	57,3W	4130	1502	EG58	15
3000K - CRI 80 - DMX						
21W	2800	24,7W	1652	611	EG59	15
31W	4200	35,6W	2478	908	EG60	15
42W	5600	46,8W	3304	1205	EG61	15
52W	7000	57,3W	4130	1502	EG62	15
2700K - CRI 80 - DMX						
21W	2600	24,7W	1534	611	EG63	15
31W	3900	35,6W	2301	908	EG64	15
42W	5200	46,8W	3068	1205	EG65	15
52W	6500	57,3W	3835	1502	EG66	15

Complete with electronic control card.
Power supply to be ordered separately.

RGB - RGBW - Tunable White - Flood 32°÷38°						
LED						
RGB - DMX						
26W	1300	28,3W	884	611	EG79	15
38W	1950	40W	1326	908	EG80	15
51W	2600	52,1W	1768	1205	EG81	15
RGBW - DMX						
23W	1450	26,7W	841	611	EG82	15
35W	2150	38,8W	1247	908	EG83	15
46W	2850	50W	1653	1205	EG84	15
58W	3600	61,1W	2088	1502	EG85	15
Tunable White - DMX						
26W	3500	29,6W	2065	611	EG86	15
38W	5300	41,9W	3127	908	EG87	15
51W	7050	54,4W	4160	1205	EG88	15

Complete with electronic control card.
Power supply to be ordered separately.
DALI versions available on request.

Linealuce Mini 47

surface



15
GREY

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source		system		length	code colour
W	lm	W	lm		
Wide Flood 44°					
LED					
4000K - CRI 80 - DALI					
21W	2800	24,7W	1848	611	EL58 15
31W	4200	35,6W	2772	908	EL59 15
42W	5600	46,8W	3696	1205	EL60 15
52W	7000	57,3W	4620	1502	EL61 15
3000K - CRI 80 - DALI					
21W	2800	24,7W	1848	611	EL62 15
31W	4200	35,6W	2772	908	EL63 15
42W	5600	46,8W	3696	1205	EL64 15
52W	7000	57,3W	4620	1502	EL65 15
2700K - CRI 80 - DALI					
21W	2600	24,7W	1716	611	EL66 15
31W	3900	35,6W	2574	908	EL67 15
42W	5200	46,8W	3432	1205	EL68 15
52W	6500	57,3W	4290	1502	EL69 15

Complete with electronic control card.
Power supply to be ordered separately.
Class of Insulation II.

source		system		length	code colour
W	lm	W	lm		
Wide Flood 44°					
LED					
4000K - CRI 80 - DMX					
21W	2800	24,7W	1848	611	EG67 15
31W	4200	35,6W	2772	908	EG68 15
42W	5600	46,8W	3696	1205	EG69 15
52W	7000	57,3W	4620	1502	EG70 15
3000K - CRI 80 - DMX					
21W	2800	24,7W	1848	611	EG71 15
31W	4200	35,6W	2772	908	EG72 15
42W	5600	46,8W	3696	1205	EG73 15
52W	7000	57,3W	4620	1502	EG74 15
2700K - CRI 80 - DMX					
21W	2600	24,7W	1716	611	EG75 15
31W	3900	35,6W	2574	908	EG76 15
42W	5200	46,8W	3432	1205	EG77 15
52W	6500	57,3W	4290	1502	EG78 15

Complete with electronic control card.
Power supply to be ordered separately.



source		system		length	code colour
W	lm	W	lm		
Wall grazing spot					
LED					
4000K - CRI 80 - DALI					
21W	2800	24,7W	1960	611	EI88 15
31W	4200	35,6W	2940	908	EI89 15
42W	5600	46,8W	3920	1205	EI90 15
52W	7000	57,3W	4900	1502	EI91 15
3000K - CRI 80 - DALI					
21W	2800	24,7W	1960	611	EI92 15
31W	4200	35,6W	2940	908	EI93 15
42W	5600	46,8W	3920	1205	EI94 15
52W	7000	57,3W	4900	1502	EI95 15
2700K - CRI 80 - DALI					
21W	2600	24,7W	1820	611	EI96 15
31W	3900	35,6W	2730	908	EI97 15
42W	5200	46,8W	3640	1205	EI98 15
52W	6500	57,3W	4550	1502	EI99 15

Complete with electronic control card.
Power supply to be ordered separately.
Class of Insulation II.

source		system		length	code colour
W	lm	W	lm		
Wall grazing spot					
LED					
4000K - CRI 80 - DMX					
21W	2800	24,7W	1960	611	EF97 15
31W	4200	35,6W	2940	908	EF98 15
42W	5600	46,8W	3920	1205	EF99 15
52W	7000	57,3W	4900	1502	EG00 15
3000K - CRI 80 - DMX					
21W	2800	24,7W	1960	611	EG01 15
31W	4200	35,6W	2940	908	EG02 15
42W	5600	46,8W	3920	1205	EG03 15
52W	7000	57,3W	4900	1502	EG04 15
2700K - CRI 80 - DMX					
21W	2600	24,7W	1820	611	EG05 15
31W	3900	35,6W	2730	908	EG06 15
42W	5200	46,8W	3640	1205	EG07 15
52W	6500	57,3W	4550	1502	EG08 15

Complete with electronic control card.
Power supply to be ordered separately.

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.



source		system		length	code	colour
W	lm	W	lm			
Wall grazing medium						
LED						
4000K - CRI 80 - DALI						
21W	2800	24,7W	1596	611	EL00	15
31W	4200	35,6W	2394	908	EL01	15
42W	5600	46,8W	3192	1205	EL02	15
52W	7000	57,3W	3990	1502	EL03	15
3000K - CRI 80 - DALI						
21W	2800	24,7W	1596	611	EL04	15
31W	4200	35,6W	2394	908	EL05	15
42W	5600	46,8W	3192	1205	EL06	15
52W	7000	57,3W	3990	1502	EL07	15
2700K - CRI 80 - DALI						
21W	2600	24,7W	1482	611	EL08	15
31W	3900	35,6W	2223	908	EL09	15
42W	5200	46,8W	2964	1205	EL10	15
52W	6500	57,3W	3705	1502	EL11	15

Complete with electronic control card.
Power supply to be ordered separately.
Class of Insulation II.

Wall grazing medium

source		system		length	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80 - DMX						
21W	2800	24,7W	1596	611	EG09	15
31W	4200	35,6W	2394	908	EG10	15
42W	5600	46,8W	3192	1205	EG11	15
52W	7000	57,3W	3990	1502	EG12	15
3000K - CRI 80 - DMX						
21W	2800	24,7W	1596	611	EG13	15
31W	4200	35,6W	2394	908	EG14	15
42W	5600	46,8W	3192	1205	EG15	15
52W	7000	57,3W	3990	1502	EG16	15
2700K - CRI 80 - DMX						
21W	2600	24,7W	1482	611	EG17	15
31W	3900	35,6W	2223	908	EG18	15
42W	5200	46,8W	2964	1205	EG19	15
52W	6500	57,3W	3705	1502	EG20	15

Complete with electronic control card.
Power supply to be ordered separately.



source		system		length	code	colour
W	lm	W	lm			
Wall grazing wide flood						
LED						
4000K - CRI 80 - DALI						
21W	2800	24,7W	1848	611	EL12	15
31W	4200	35,6W	2772	908	EL13	15
42W	5600	46,8W	3696	1205	EL14	15
52W	7000	57,3W	4620	1502	EL15	15
3000K - CRI 80 - DALI						
21W	2800	24,7W	1848	611	EL16	15
31W	4200	35,6W	2772	908	EL17	15
42W	5600	46,8W	3696	1205	EL18	15
52W	7000	57,3W	4620	1502	EL19	15
2700K - CRI 80 - DALI						
21W	2600	24,7W	1716	611	EL20	15
31W	3900	35,6W	2574	908	EL21	15
42W	5200	46,8W	3432	1205	EL22	15
52W	6500	57,3W	4290	1502	EL23	15

Complete with electronic control card.
Power supply to be ordered separately.
Class of Insulation II.

Wall grazing wide flood

source		system		length	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80 - DMX						
21W	2800	24,7W	1848	611	EG21	15
31W	4200	35,6W	2772	908	EG22	15
42W	5600	46,8W	3696	1205	EG23	15
52W	7000	57,3W	4620	1502	EG24	15
3000K - CRI 80 - DMX						
21W	2800	24,7W	1848	611	EG25	15
31W	4200	35,6W	2772	908	EG26	15
42W	5600	46,8W	3696	1205	EG27	15
52W	7000	57,3W	4620	1502	EG28	15
2700K - CRI 80 - DMX						
21W	2600	24,7W	1716	611	EG29	15
31W	3900	35,6W	2574	908	EG30	15
42W	5200	46,8W	3432	1205	EG31	15
52W	6500	57,3W	4290	1502	EG32	15

Complete with electronic control card.
Power supply to be ordered separately.

RGB - RGBW - Tunable White - Wall grazing wide flood





LED						
RGB - DMX						
26W	1300	28,3W	949	611	EG33	15
38W	1950	40W	1424	908	EG34	15
51W	2600	52,1W	1898	1205	EG35	15
RGBW - DMX						
23W	1450	26,7W	1030	611	EG36	15
35W	2150	38,8W	1527	908	EG37	15
46W	2850	50W	2024	1205	EG38	15
58W	3600	61,1W	2556	1502	EG39	15
Tunable White - DMX						
26W	3500	29,6W	2520	611	EG40	15
38W	5300	41,9W	3816	908	EG41	15
51W	7050	54,4W	5076	1205	EG42	15



Complete with electronic control card.
Power supply to be ordered separately.
DALI versions on request




Linealuce Mini 47



surface





Optical accessories	code	colour	Optical accessories	code	colour	Optical accessories	code	colour
Internal transversal louvre for all versions			Elliptical filter 25°x 45° for Spot optic 12°			Symetrical external screen for monochromatic and TW versions		
L=591	X349	04 For L=611 versions	L=591	X361	24 For L=611 versions	L=614	X373	04 For L=611 versions
L=888	X350	04 For L=908 versions	L=888	X362	24 For L=908 versions	L=911	X374	04 For L=908 versions
L=1185	X351	04 For L=1205 versions	L=1185	X363	24 For L=1205 versions	L=1208	X375	04 For L=1205 versions
L=1482	X352	04 For L=1502 versions	L=1482	X364	24 For L=1502 versions	L=1505	X376	04 For L=1502 versions
Internal longitudinal louvre for monochromatic, TW, RGB versions			Elliptical filter 40°x80° for flood optic 39°			External symmetrical screen for RGB and TW versions		
L=591	X353	04 For L=611 versions	L=591	X365	24 For L=611 versions	L=614	X380	04 For L=611 versions
L=888	X354	04 For L=908 versions	L=888	X366	24 For L=908 versions	L=911	X381	04 For L=908 versions
L=1185	X355	04 For L=1205 versions	L=1185	X367	24 For L=1205 versions	L=1208	X382	04 For L=1205 versions
L=1482	X356	04 For L=1502 versions	L=1482	X368	24 For L=1502 versions	Symetrical external screen for RGBW versions		
Internal longitudinal louvre for RGBW versions			Assymetrical external screen for monochromatic versions			L=614	X387	04 For L=611 versions
L=591	X399	04 For L=611 versions	L=614	X369	04 For L=611 versions	L=911	X388	04 For L=908 versions
L=888	X400	04 For L=908 versions	L=911	X370	04 For L=908 versions	L=1208	X389	04 For L=1205 versions
L=1185	X401	04 For L=1205 versions	L=1208	X371	04 For L=1205 versions	L=1505	X390	04 For L=1502 versions
L=1482	X402	04 For L=1502 versions	L=1505	X372	04 For L=1502 versions			
Honeycomb louvre for all versions			Assymetrical external screen for RGB and TW versions			L=614	X377	04 For L=611 versions
L=591	X357	04 For L=611 versions	L=614	X378	04 For L=908 versions	L=911	X379	04 For L=1205 versions
L=888	X358	04 For L=908 versions	L=911	X379	04 For L=1205 versions			
L=1185	X359	04 For L=1205 versions	L=1208					
L=1482	X360	04 For L=1502 versions	Assymetrical external screen for RGBW versions			L=614	X383	04 For L=611 versions
			L=614	X384	04 For L=908 versions	L=911	X385	04 For L=1205 versions
			L=911	X386	04 For L=1502 versions	L=1208		
			L=1208			L=1505		
			L=1505					

Mounting accessories	code	colour
 Short orientable arms wall/ceiling/support	X392	13
 Short orientable arms wall/ceiling/support with lateral mechanical block	X391	13
 Orientable arms wall/ceiling/support		
L=223	X395	13
L=60 mm from wall	X393	13
L=100 from wall	X394	13
 Spike kit for ground / garden installation		
To be used together with arms X391 - X392 - X393 - X394	X476	00 for L=611-908-1205 mm

Control gear	code	colour
 Y connector with 5 poles IP68		
For the connection of the DMX or DALI signal cable and power supply cable	BZN7	00
 IP68 junction female connector		
4 poles - 50/120V	X557	04
5 poles - 50 / 120V	X554	04

Control gear	code	colour
 IP 68 junction connector with end end cap for male junction		
4 poles - 50/120V	X558	04
5 poles - 50 / 120V	X555	04
 2-way IP68 male/female junction connector		
4 poles - 50/120V	X559	04
5 poles - 50 / 120V	X556	04
 End cap for connectors + 120 ohm thermal resistance	BZQ7	00 for versions with DMX-RDM

Power supply	code	colour
 Constant voltage power supply unit non dimmable track DIN 120W		
VIN= 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	BZ14	00
VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	PC12	00
 Constant voltage power supply unit non dimmable track DIN 240W		
VIN= 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	BZ15	00
VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	PC13	00

Power supply	code	colour
 Constant voltage power supply unit non dimmable track DIN 480W		
VIN= 90-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	BZ16	00
VIN = 90-264VAC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	PC14	00
 Power supply IP65 240W		
VIN = 90-305VAC 47/63Hz Vout = 48Vdc (44,8-51,2Vdc) dimensions: 244x68x38,8	X404	00
 Power supply IP65 480W		
VIN = 90-305VAC 47/63Hz Vout = 48Vdc (40,8-50,4Vdc) dimensions: 262x125x43,8	X405	00
 IP67 electronic ballast 120W		
VIN = 90-305VAC 47/63Hz Vout = 48Vdc (43-53Vdc) dimensions: 220x68x38,8	X403	00



Primark – Birmingham, United Kingdom

Architectural project: 3D Reid and TTG Architects

Lighting project: LAPD

Graphics: Dalziel and Pow

Photo: CL9

Linealuce Mini 47

recessed luminaire

design Jean Michel Wilmotte



Monochromatic: DALI - DMX
RGB / RGBW / Tunable White: DMX

Measurements refer to the product without closure heads.



610 mm
Monochrome: DALI - DMX
RGB: DMX
RGBW: DMX
Tunable White: DMX



907 mm
Monochrome: DALI - DMX
RGB: DMX
RGBW: DMX
Tunable White: DMX



1204 mm
Monochrome: DALI - DMX
RGB: DMX
RGBW: DMX
Tunable White: DMX



1501 mm
Monochrome: DALI - DMX
RGBW: DMX
Tunable White: DMX



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thelightexperience.iguzzini.com



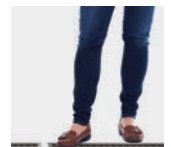
- Floor, wall or ceiling recessed luminaire intended for use with monochromatic and LED and RGBW light sources (44-52Vdc DMX-RDM), Tunable White and RGB (48-52Vdc DMX-RDM).
- Comprising body, casing and end caps to be ordered separately.
- Comprising body with housing for DMX-RDM and DALI drivers.
- Extruded aluminium body and flush end caps in die-cast zamak complete with silicone gaskets.
- Liquid acrylic paint ensuring high resistance to atmospheric agents and UV rays.
- Optical compartment closed at the top by a 8mm thick transparent glass screen secured with silicone.
- Supplied with double nickel-plated brass cable gland, outgoing rubber cables and IP68 male and female connectors at the end for pass-through wiring.

- Equipped with optics with plastic lenses (methacrylate).
- Wall-grazing Spot light distribution optics (WGS), Wall grazing Medium (WGM) and Wall grazing WF (Wide Flood), F (Flood)
- Non-slip complying with R13 DIN 51130 certification.
- Indoor accessory filters for elliptical distribution.
- Indoor accessories: Longitudinal blade louvre
- Electronic power supply unit to be ordered separately IP67.
- The IP67 power supply unit can be housed inside the outer casing in order to power several bodies with a single power supply unit (see instruction sheet)
- Built-in DMX-RDM driver with Insulation Class III
- Built-in DALI driver with Insulation Class II

- All external screws used are in A2 stainless steel.
- Mechanical system designed to obtain continuous rows up to 10.5 m while considering environmental thermal expansion between -30 °C and +50 °C
- The appliances are designed and tested to withstand a static load of up to 20000 N and are suitable for vehicles with tyres. The appliances cannot be used in lanes where they are subjected to horizontal stresses arising from acceleration, braking and/or changes of direction.



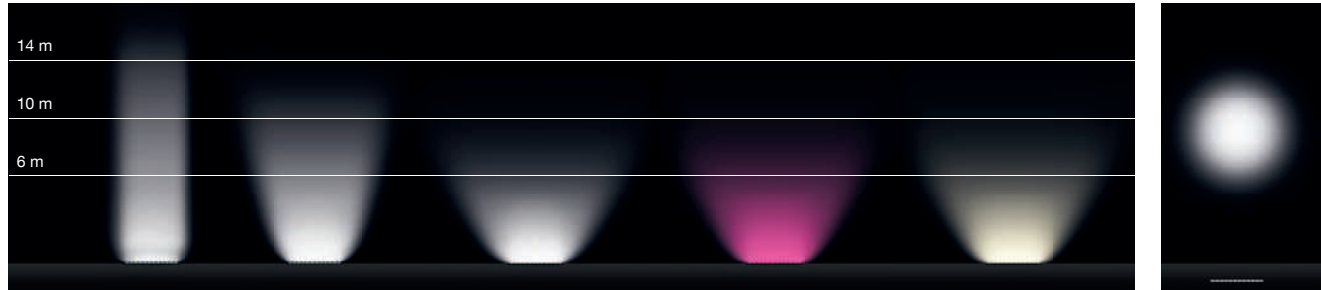
Resistance to static load (2000 Kg), torsion and sheer load



Versions complete with non-slip glass R13

Wall Grazing optics

Floodlight optics



Wall Grazing
Spot
41,8W/m
DMX
DALI

Wall Grazing
Medium
41,8W/m
DMX
DALI

Wall Grazing
Wide Flood
41,8W/m
DMX
DALI

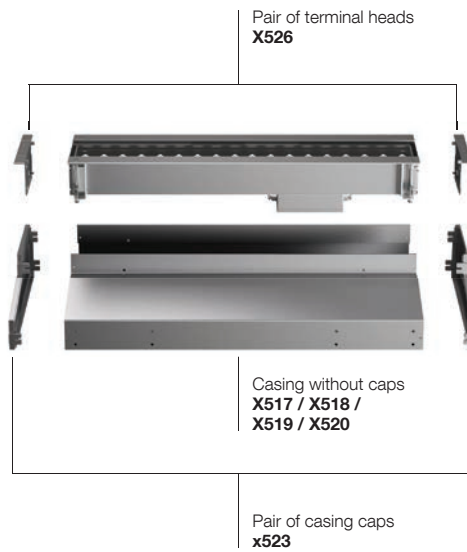
Wall Grazing
Wide Flood
57,8W/m
DMX
DALI

Wall Grazing
Wide Flood
52,1W/m
DMX
DALI

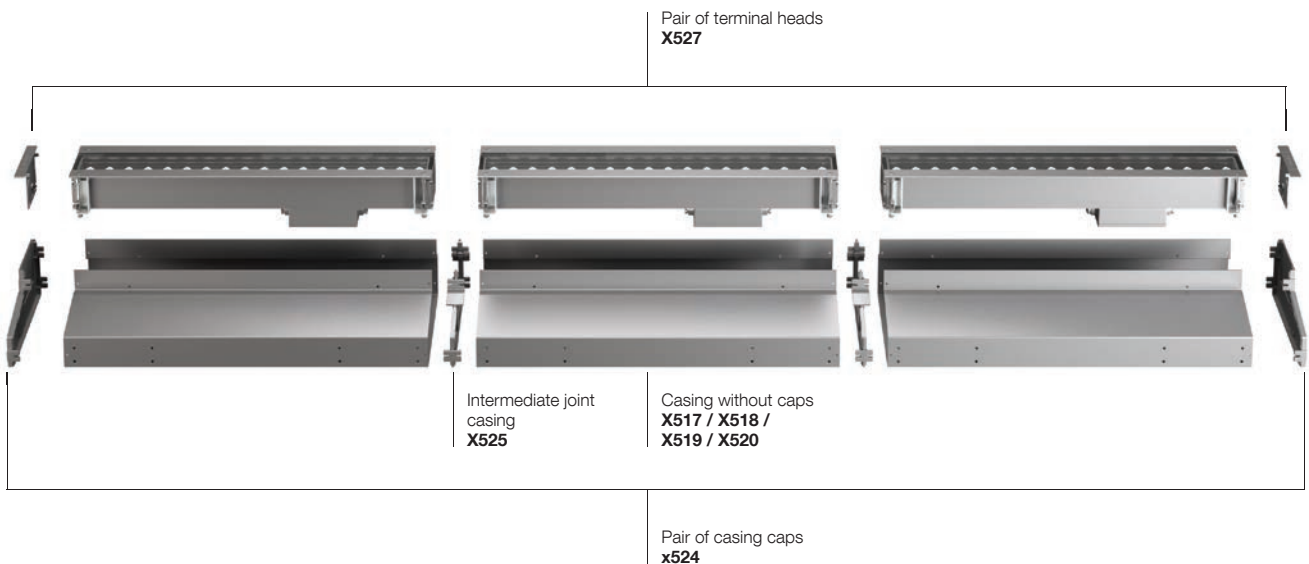
Flood
52,3W/m
DMX
DALI



Stand-alone composition



Continuous row composition



Linealuce Mini 47

recessed luminaire



15
GREY

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new
Available from July



source		system		length	code colour
W	lm	W	lm		
No-skid glass - Flood 50°					
LED					
4000K - CRI 80 - DALI					
21W	2800	24,7W	1854	610	EX77 15
31W	4200	35,6W	2781	907	EX78 15
42W	5600	46,8W	3708	1204	EX79 15
52W	7000	57,3W	4635	1501	EX80 15
3000K - CRI 80 - DALI					
21W	2800	24,7W	1854	610	EX81 15
31W	4200	35,6W	2781	907	EX82 15
42W	5600	46,8W	3704	1204	EX83 15
52W	7000	57,3W	4635	1501	EX84 15
2700K - CRI 80 - DALI					
21W	2600	24,7W	1721	610	EX85 15
42W	5200	46,8W	3443	1204	EX87 15
52W	6500	57,3W	4304	1501	EX88 15
31W	3900	35,6W	2582	907	EX86 15



Complete with electronic control card.
Power supply to be ordered separately.
Class of insulation II.

source		system		length	code colour
W	lm	W	lm		
No-skid glass - Flood 50°					
LED					
4000K - CRI 80 - DMX					
21W	2800	24,7W	1854	610	EY36 15
31W	4200	35,6W	2781	907	EY37 15
42W	5600	46,8W	3708	1204	EY38 15
52W	7000	57,3W	4635	1501	EY39 15
3000K - CRI 80 - DMX					
21W	2800	24,7W	1854	610	EY40 15
31W	4200	35,6W	2781	907	EY41 15
42W	5600	46,8W	3704	1204	EY42 15
52W	7000	57,3W	4635	1501	EY43 15
2700K - CRI 80 - DMX					
21W	2600	24,7W	1721	610	EY44 15
31W	3900	35,6W	2582	907	EY45 15
42W	5200	46,8W	3443	1204	EY46 15
52W	6500	57,3W	4304	1501	EY47 15

Complete with electronic control card.
Power supply to be ordered separately.



source		system		length	code colour
W	lm	W	lm		
Wall grazing spot					
LED					
4000K - CRI 80 - DALI					
21W	2800	24,7W	1966	610	EX30 15
31W	4200	35,6W	2950	907	EX31 15
42W	5600	46,8W	3933	1204	EX32 15
52W	7000	57,3W	4916	1501	EX33 15
3000K - CRI 80 - DALI					
21W	2800	24,7W	1966	610	EX34 15
31W	4200	35,6W	2950	907	EX35 15
42W	5600	46,8W	3933	1204	EX36 15
52W	7000	57,3W	4916	1501	EX37 15
2700K - CRI 80 - DALI					
21W	2600	24,7W	1826	610	EX38 15
31W	3900	35,6W	2739	907	EX39 15
42W	5200	46,8W	3652	1204	EX40 15
52W	6500	57,3W	4565	1501	EX41 15



Complete with electronic control card.
Power supply to be ordered separately.
Class of insulation II.

source		system		length	code colour
W	lm	W	lm		
Wall grazing spot					
LED					
4000K - CRI 80 - DMX					
21W	2800	24,7W	1966	610	EX89 15
31W	4200	35,6W	2950	907	EX90 15
42W	5600	46,8W	3933	1204	EX91 15
52W	7000	57,3W	4916	1501	EX92 15
3000K - CRI 80 - DMX					
21W	2800	24,7W	1966	610	EX93 15
31W	4200	35,6W	2950	907	EX94 15
42W	5600	46,8W	3933	1204	EX95 15
52W	7000	57,3W	4916	1501	EX96 15
2700K - CRI 80 - DMX					
21W	2600	24,7W	1826	610	EX97 15
31W	3900	35,6W	2739	907	EX98 15
42W	5200	46,8W	3652	1204	EX99 15
52W	6500	57,3W	4565	1501	EY00 15

Complete with electronic control card.
Power supply to be ordered separately.

Length measurements refer to the product without terminal heads.

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.



source		system		length	code	colour
W	lm	W	lm			
Wall grazing medium						
LED						
4000K - CRI 80 - DALI						
21W	2800	24,7W	1601	610	EX42	15
31W	4200	35,6W	2402	907	EX43	15
42W	5600	46,8W	3203	1204	EX44	15
52W	7000	57,3W	4003	1501	EX45	15
3000K - CRI 80 - DALI						
21W	2800	24,7W	1601	610	EX46	15
31W	4200	35,6W	2402	907	EX47	15
42W	5600	46,8W	3203	1204	EX48	15
52W	7000	57,3W	4003	1501	EX49	15
2700K - CRI 80 - DALI						
21W	2600	24,7W	1487	610	EX50	15
31W	3900	35,6W	2230	907	EX51	15
42W	5200	46,8W	2974	1204	EX52	15
52W	6500	57,3W	3717	1501	EX53	15

Complete with electronic control card.
Power supply to be ordered separately.
Class of Insulation II.

source		system		length	code	colour
W	lm	W	lm			
Wall grazing medium						
LED						
4000K - CRI 80 - DMX						
21W	2800	24,7W	1601	610	EY01	15
31W	4200	35,6W	2402	907	EY02	15
42W	5600	46,8W	3203	1204	EY03	15
52W	7000	57,3W	4003	1501	EY04	15
3000K - CRI 80 - DMX						
21W	2800	24,7W	1601	610	EY05	15
31W	4200	35,6W	2402	907	EY06	15
42W	5600	46,8W	3203	1204	EY07	15
52W	7000	57,3W	4003	1501	EY08	15
2700K - CRI 80 - DMX						
21W	2600	24,7W	1487	610	EY09	15
31W	3900	35,6W	2230	907	EY10	15
42W	5200	46,8W	2974	1204	EY11	15
52W	6500	57,3W	3717	1501	EY12	15

Complete with electronic control card.
Power supply to be ordered separately.



source		system		length	code	colour
W	lm	W	lm			
Wall grazing wide flood						
LED						
4000K - CRI 80 - DALI						
21W	2800	24,7W	1854	610	EX54	15
31W	4200	35,6W	2781	907	EX55	15
42W	5600	46,8W	3708	1204	EX56	15
52W	7000	57,3W	4635	1501	EX57	15
3000K - CRI 80 - DALI						
21W	2800	24,7W	1854	610	EX58	15
31W	4200	35,6W	2781	907	EX59	15
42W	5600	46,8W	3704	1204	EX60	15
52W	7000	57,3W	4635	1501	EX61	15
2700K - CRI 80 - DALI						
21W	2600	24,7W	1721	610	EX62	15
31W	3900	35,6W	2582	907	EX63	15
42W	5200	46,8W	3443	1204	EX64	15
52W	6500	57,3W	4304	1501	EX65	15

Complete with electronic control card.
Power supply to be ordered separately.
Class of Insulation II.

source		system		length	code	colour
W	lm	W	lm			
Wall grazing wide flood						
LED						
4000K - CRI 80 - DMX						
21W	2800	24,7W	1854	610	EY13	15
31W	4200	35,6W	2781	907	EY14	15
42W	5600	46,8W	3708	1204	EY15	15
52W	7000	57,3W	4635	1501	EY16	15
3000K - CRI 80 - DMX						
21W	2800	24,7W	1854	610	EY17	15
31W	4200	35,6W	2781	907	EY18	15
42W	5600	46,8W	3704	1204	EY19	15
52W	7000	57,3W	4635	1501	EY20	15
2700K - CRI 80 - DMX						
21W	2600	24,7W	1721	610	EY21	15
31W	3900	35,6W	2582	907	EY22	15
42W	5200	46,8W	3443	1204	EY23	15
52W	6500	57,3W	4304	1501	EY24	15

Complete with electronic control card.
Power supply to be ordered separately.

Length measurements refer to the product without terminal heads.

Linealuce Mini 47

recessed luminaire



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new
Available from July



source		system		length	code	colour
W	lm	W	lm			
RGBW - Tunable White - Wall grazing wide flood						
LED						
4000K - CRI 80 - DMX						
23W	1450	26,7W	1019	610	EY28	15
35W	2150	38,8W	1529	907	EY29	15
46W	2850	50W	2039	1204	EY30	15
58W	3600	61,1W	2549	1501	EY31	15
3000K - CRI 80 - DMX						
23W	1450	26,7W	1019	610	EY32	15
35W	2150	38,8W	1529	907	EY33	15
50W	2850	50W	2039	1204	EY34	15
58W	3600	61,1W	2549	1501	EY35	15
Tunable White - CRI 80 - DMX						
26W	2500	29,6W	1800	610	EY25	15
38W	3700	41,9W	2664	907	EY26	15
51W	4850	54,4W	3492	1204	EY27	15

Complete with electronic control card.
Power supply to be ordered separately.
DALI versions on request

Length measurements refer to the product without terminal heads.

Casing measurements

X517 - X518 - X519 - X520



L = 607mm / 904mm / 1201mm / 1498mm

Optical accessories

	code	colour
Internal longitudinal louvre for monochromatic, TW, RGB versions		
L=591	X353	04 For L=611 versions
L=888	X354	04 For L=908 versions
L=1482	X356	04 For L=1502 versions

Mounting accessories

	code	colour
Kit with steel cables with small reinforcement plates for application on false ceiling		
L=600	X528	00
Steel cable L=200 for application on wall	X515	00
Sleeve without plugs		
L=607	X517	00
L=904	X518	00
L=1201	X519	00
L=1498	X520	00

Pair of outer casing caps







for stand alone application (single product) L = 8.3 mm	X523	00
for continuous rows application (more products) L = 16 mm	X524	00








Couple of terminal heads

for stand alone application (single product) L = 18 mm	X526	15
for continuous rows application (more products) L = 44 mm	X527	15

Intermediate joint outer casing for continuous row application

L= 4mm	X525	00
--------	-------------	----

Control gear	code	colour
 IP68 2-way connector with 3-pole terminal block	X547	04
 Y connector with 5 poles IP68		
For the connection of the DMX or DALI signal cable and power supply cable	BZN7	00
 IP68 junction female connector		
4 poles - 50/120V	X557	04
5 poles - 50 / 120V	X554	04
 IP 68 junction connector with end end cap for male junction		
4 poles - 50/120V	X558	04
5 poles - 50 / 120V	X555	04
 2-way IP68 male/female junction connector		
4 poles - 50/120V	X559	04
5 poles - 50 / 120V	X556	04
 End cap for connectors + 120 ohm thermal resistance	BZ07	00 for versions with DMX-RDM

Power supply	code	colour
 Constant voltage power supply unit non dimmable track DIN 120W		
VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	PC12	00
VIN= 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	BZ14	00
 Constant voltage power supply unit non dimmable track DIN 240W		
VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	PC13	00
VIN= 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	BZ15	00
 Constant voltage power supply unit non dimmable track DIN 480W		
VIN = 90-264VAC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	PC14	00
VIN= 90-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	BZ16	00
 IP67 electronic ballast 120W		
VIN = 90-305VAC 47/63Hz Vout = 48Vdc (43÷53Vdc) dimensions: 220x68x38.8	X521	00
 IP67 electronic ballast 240W		
VIN = 90-305VAC 47/63Hz Vout = 48Vdc (44,8÷51,2Vdc) dimensions: 244x68x38.8	X522	00
 IP67 electronic ballast 48Vdc 320W		
VIN = 90÷305Vac 47/63Hz Vout = 48Vdc (43-52Vdc) 252x90x43.8	X545	00
 IP67 electronic ballast 480W		
VIN = 90-305VAC 47/63Hz Vout = 48Vdc (40,8-50,4Vdc) dimensions: 262x125x43.8	X546	00

The X521-X522-X545 power supply units can be housed inside the outer casing in order to power several modules

The X546 power supply cannot be housed inside the outer casing.

Refer to the instruction sheet for more information.

Linealuce Mini 37

surface

design Jean Michel Wilmotte



Mini 37R
Monochrome: PWM



Mini 37
Monochrome: DALI - DMX



Mini 37
RGB: DALI - DMX



512 mm Monochrome: DALI - DMX
RGB: DALI - DMX



792 mm Monochrome: PWM

528 mm Monochrome: PWM



1004 mm RGB: DALI - DMX
1040 mm Monochrome: DALI - DMX
1056 mm Monochrome: PWM



1321 mm Monochrome: PWM



1496 mm RGB: DALI - DMX
1569 mm Monochrome: DALI - DMX
1585 mm Monochrome: PWM



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DALI DMX PWM



IP66 IK05

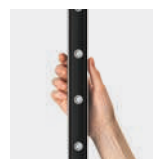


- Wall, ceiling and balustrade installation using accessory supports.
- Extruded aluminium body and end caps in die-cast zamak complete with silicone gaskets.
- Optical compartment closed at the top by a 3mm thick transparent glass screen secured with silicone.
- The product is supplied with a single PG9 cable gland in nickel-plated brass and an outgoing PVC cable.

- The linear connector IP68 and the junction box IP67 with quick-terminals are available for the electrical connection.
- Electronic power supplies to be ordered separately.
- Dimmable monochrome and RGB versions: electronic power supplies $V_{in}=48V_{dc}$ to be ordered separately, internal DALI or DMX-RDM drivers contained in a specific side-mounted box in

extruded aluminium, with die-cast zama heads complete with silicone gaskets, nickel-brass cable glands PG13.5 and output cables.

- Luminaire ready for pass-through wiring.
- All external screws used are in A2 stainless steel.

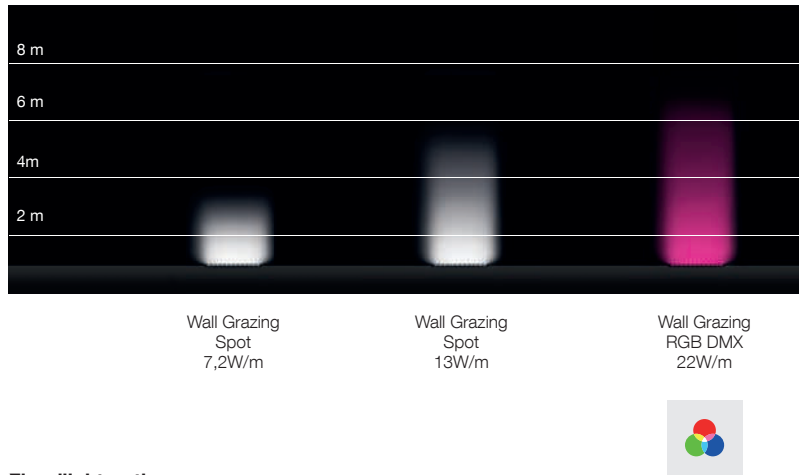


Small size

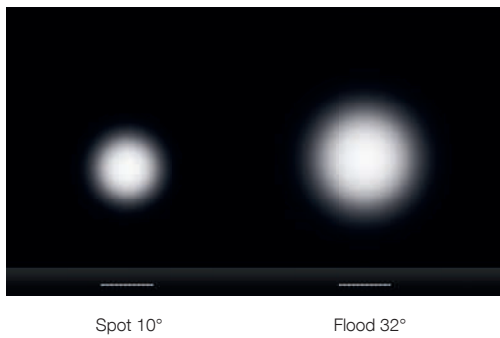


Installation in continual line

Wall Grazing optics



Floodlight optics



Constant flow

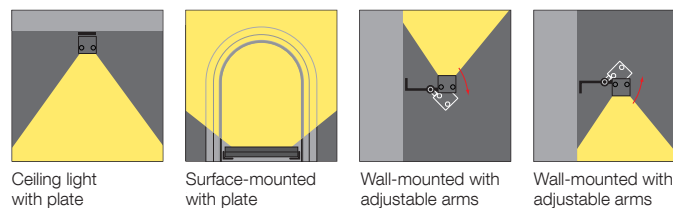
Linealuce Mini monochrome 24Vdc is fitted with an exclusive electronic circuit which guarantees constant emission of the luminous flux even with variations in the input voltage from 16V to 30V. The constant luminous flux emitted on the entire power line is guaranteed up to 30 m.

Constant luminous flux emitted on the entire line (Linealuce Mini 24Vdc)



Applications

The compact dimensions of the equipment ensure a broad range of applications in every architectural context.



Linealuce Mini 37

surface



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source		system		length	code	colour
W	lm	W	lm			

Spot 10°

LED

4000K - CRI 80 - PWM

5,9W 900 7,1W 639 528 **BK36** 15

12W 1800 12,4W 1278 1056 **BK40** 15

3000K - CRI 80 - PWM

5,9W 900 7,1W 639 528 **BK37** 15

12W 1800 12,4W 1278 1056 **BK41** 15

Power supply to be ordered separately.

Without any additional component the PWM versions will operate in on-off mode.

Flood 32°

LED

4000K - CRI 80 - PWM

5,9W 900 7,1W 540 528 **BK80** 15

12W 1800 12,4W 1080 1056 **BK84** 15

3000K - CRI 80 - PWM

5,9W 900 7,1W 540 528 **BK81** 15

12W 1800 12,4W 1080 1056 **BK85** 15

Power supply to be ordered separately.

Without any additional component the PWM versions will operate in on-off mode.

Wall grazing 2÷3 m

LED

4000K - CRI 80 - PWM

3,3W 540 4W 292 528 **BH14** 15

6,6W 1100 6,8W 594 1056 **BH16** 15

9,9W 1600 10,3W 864 1585 **BH18** 15

3000K - CRI 80 - PWM

3,3W 540 4W 292 528 **BH15** 15

6,6W 1100 6,8W 594 1056 **BH17** 15

9,9W 1600 10,3W 864 1585 **BH19** 15

Power supply to be ordered separately.

Without any additional component the PWM versions will operate in on-off mode.

Wall grazing 4÷5 m

LED

4000K - CRI 80 - PWM

5,9W 900 7,1W 486 528 **BH20** 15

8,8W 1350 10,2W 729 792 **BH11** 15

12W 1800 12,4W 972 1056 **BH22** 15

15W 2250 15,5W 1215 1321 **BH13** 15

18W 2700 18,7W 1458 1585 **BH24** 15

3000K - CRI 80 - PWM

5,9W 900 7,1W 486 528 **BH21** 15

8,8W 1350 10,2W 729 792 **BH12** 15

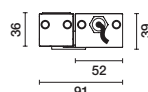
12W 1800 12,4W 972 1056 **BH23** 15

15W 2250 15,5W 1215 1321 **BH14** 15

18W 2700 18,7W 1458 1585 **BH25** 15

Power supply to be ordered separately.

Without any additional component the PWM versions will operate in on-off mode.



source		system		length	code	colour
W	lm	W	lm			

Spot 10°

LED

4000K - CRI 80 - DALI

5,9W 890 7,5W 632 512 **BM69** 15

12W 1800 13W 1278 1040 **BM71** 15

3000K - CRI 80 - DALI

5,9W 890 7,5W 632 512 **BM70** 15

12W 1800 13W 1278 1040 **BM72** 15

Complete with electronic control card.

Power supply to be ordered separately.

Monochromatic DALI versions occupy 1 address.

Flood 32°

LED

4000K - CRI 80 - DALI

5,9W 890 7,5W 534 512 **BM77** 15

12W 1800 13W 1080 1040 **BM79** 15

3000K - CRI 80 - DALI

5,9W 890 7,5W 534 512 **BM78** 15

12W 1800 13W 1080 1040 **BM80** 15

Complete with electronic control card.

Power supply to be ordered separately.

Monochromatic DALI versions occupy 1 address.

Wall grazing 4÷5 m

LED

4000K - CRI 80 - DALI

5,9W 890 7,5W 481 512 **BL30** 15

12W 1800 13W 972 1040 **BL32** 15

18W 2650 19,7W 1431 1569 **BL34** 15

3000K - CRI 80 - DALI

5,9W 890 7,5W 481 512 **BL31** 15

12W 1800 13W 972 1040 **BL33** 15

18W 2650 19,7W 1431 1569 **BL35** 15

4000K - CRI 80 - DMX-RDM

5,9W 890 7,5W 481 512 **BL36** 15

12W 1800 13W 972 1040 **BL38** 15

18W 2650 19,7W 1431 1569 **BL40** 15

3000K - CRI 80 - DMX-RDM

5,9W 890 7,5W 481 512 **BL37** 15

12W 1800 13W 972 1040 **BL39** 15

18W 2650 19,7W 1431 1569 **BL41** 15

Complete with electronic control card.

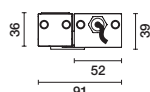
Power supply to be ordered separately.

Monochromatic DALI versions occupy 1 address.

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

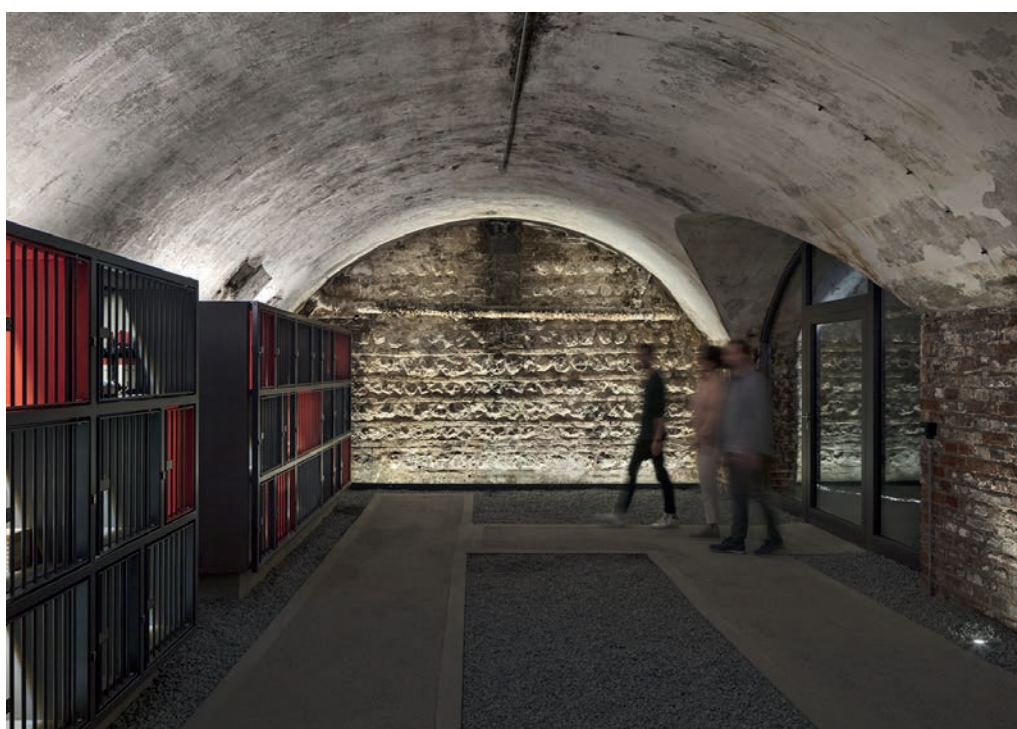


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source		system		length	code colour
W	lm	W	lm		
Wall grazing 5÷6 m					
LED					
RGB - DALI					
11W	660	13,5W	362	512	BJ17 15
22W	1320	24,3W	725	1004	BJ18 15
33W	1980	42,6W	1087	1496	BJ19 15
RGB - DMX-RDM					
11W	660	13,5W	362	512	BJ20 15
22W	1320	24,3W	725	1004	BJ21 15
33W	1980	42,6W	1087	1496	BJ22 15


Complete with electronic control card.
Power supply to be ordered separately.
The DALI RGB versions occupy 3 addresses.




wineBANK - Cologne, Germany
Client: Vermietungsgemeinschaft Frey
Lighting project: arens faulhaber
lichtplaner
Photo: Jens Kirchner







Linealuce Mini 37






surface



Mounting accessories	code	colour
 Adjustable arms +/- 90° in stainless steel for wall or ceiling mounting		
L=83 for monochromatic static LED	BZJ9	13
L=115 for monochromatic dimmable LED and RGB	BZQ9	13
L=200	BZJ8	13

Mounting accessories	code	colour
 Plat for application on support or on ceiling		
L=290	BZJ6	00 For L=512-528-1004-1040-1056
L=625mm	BZJ7	00 L=1321-1496-1569-1585





PWM dimmable monochromatic LED components

Power supply	code	colour
 Constant voltage power supply unit non dimmable IP67 40W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions:171x61,5x36,8	X182	00
 Constant voltage power supply unit non dimmable IP67 80W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8	X183	00
 Constant voltage power supply unit non dimmable IP67 120W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8	X184	00
 Constant voltage power supply unit non dimmable IP67 185W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8	X185	00
 Constant voltage power supply unit non dimmable IP67 240W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8	X186	00
 Constant voltage power supply unit non dimmable IP67 320W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions:252x90x43,8	X187	00







Power supply	code	colour
 Constant voltage power supply unit non dimmable track DIN 120W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	BZK0	00
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	PC15	00
 Constant voltage power supply unit non dimmable track DIN 240W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912	00
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	PC16	00
 Constant current power supply unit non dimmable track DIN 10W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93	9908	00
 Constant voltage power supply unit non dimmable track DIN 24W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909	00
 Constant voltage power supply unit non dimmable track DIN 72W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9910	00

Power supply	code	colour
 Constant voltage power supply unit non dimmable track DIN 96W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105	9911	00
 Constant voltage power supply unit non dimmable track DIN 480W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	BZK1	00
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	PC17	00

PWM dimmable monochromatic LED components

Interfaces & remote units	code	colour	Control gear	code	colour	Control gear	code	colour
 PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3	00	 Junction box with rapid connectors			 2-way connector with 2 pole terminal IP68		
			Suitable for 2x4 mm ² cables	BZK7	15	Suitable for 2x2.5 mm ² cables	BZK6	00
			 IP67 box for power supply					
			dim. 140x230x95h (6PG)	9582	00			
				Unfit for power supplies 9912-BZH1				
			dim. 280x190x130h (10PG)	BZ33	00			

DALI/DMX and RGB DALI/DMX dimmable monochrome LED components

Power supply	code	colour	Control gear	code	colour
 Constant voltage power supply unit non dimmable track DIN 120W			 IP68 connector 5-pole	BZS6	04
VIN= 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	BZ14	00	 Y connector with 5 poles IP68		
VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	PC12	00	For the connection of the DMX or DALI signal cable and power supply cable	BZN7	00
 Constant voltage power supply unit non dimmable track DIN 240W			 End cap for connectors + 120 ohm thermal resistance	BZQ7	00
VIN= 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	BZ15	00		for versions with DMX-RDM	
VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	PC13	00			
 Constant voltage power supply unit non dimmable track DIN 480W					
VIN= 90-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	BZ16	00			
VIN = 90-264VAC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	PC14	00			

Linealuce Mini 37

recessed luminaire

design Jean Michel Wilmotte



Mini 37R
Monochromatic: PWM



Mini 37
Monochromatic: DALI



Mini 37
RGB: DMX



552 mm Monochrome: PWM - DALI / RGB DMX



1044 mm RGB: DMX
1080 mm Monochrome: PWM - DALI



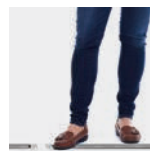
1529 mm RGB: DMX
1609 mm Monochrome: PWM - DALI



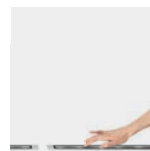
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- Floor-, wall- and ceiling-mounted recessed luminaire intended for use with LED light sources.
- Comprising body and installation frame casing (to be ordered separately).
- Extruded aluminium body closed at the top by a transparent or anti-slip glass screen secured with silicone; with die-cast aluminium end caps complete with silicone seals; aluminium outer casing with techno-polymer caps.
- Dimmable monochromatic and RGB versions: electronic power supplies $V_{in}=48Vdc$ to be ordered separately, internal DALI or DMX-RDM drivers.
- Luminaire ready for pass-through wiring.
- Static load resistance 1000 Kg
- Contact temperature $<40^{\circ}$.
- All external screws used are in A2 stainless steel.
- The appliances are designed and tested to withstand a static load of up to 10000 N and are suitable for vehicles with tyres. The appliances cannot be used in lanes where they are subjected to horizontal stresses arising from acceleration, braking and/or changes of direction.



Versions complete with non-slip glass

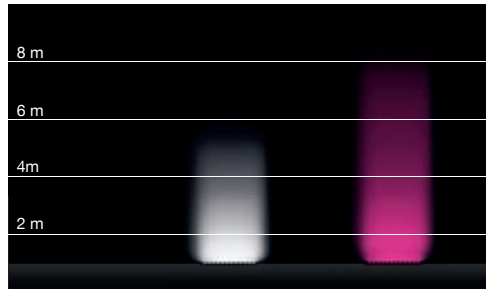


Temperature $< 40^{\circ}C$



Static load resistance 1000 Kg

Wall Grazing optics



Wall Grazing
DALI
13W

Wall Grazing
RGB DMX
17W



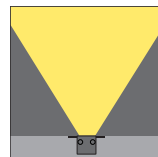
Floodlight optic



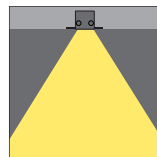
Flood 46°

Applications

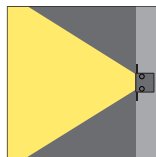
The compact dimensions of the equipment ensure a broad range of applications in every architectural context.



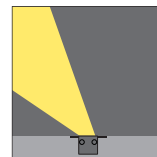
F - Floor



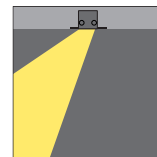
F - Ceiling



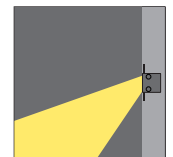
F - Wall



WG - Floor



WG - Ceiling



WG - Wall

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source		system				length	code colour
W	lm	W	lm	length			
No-skid glass - Flood optic 46°							
LED							
4000K - CRI 80 - PWM							
5,9W	890	7,1W	303	552		BW24	15
12W	1800	12,4W	612	1080		BW26	15
18W	2650	18,7W	901	1609		BW28	15
3000K - CRI 80 - PWM							
5,9W	890	7,1W	303	552		BW25	15
12W	1800	12,4W	612	1080		BW27	15
18W	2650	18,7W	901	1609		BW29	15



Power supply to be ordered separately.
Without any additional component the PMW versions will operate in on-off mode.



source		system				length	code colour
W	lm	W	lm	length			
Transparent glass - Wall grazing 4±5 m							
LED							
4000K - CRI 80 - PWM							
5,9W	890	7,1W	463	552		BW18	15
12W	1800	12,4W	936	1080		BW20	15
18W	2650	18,7W	1378	1609		BW22	15
3000K - CRI 80 - PWM							
5,9W	890	7,1W	463	552		BW19	15
12W	1800	12,4W	936	1080		BW21	15
18W	2650	18,7W	1378	1609		BW23	15



Power supply to be ordered separately.
Without any additional component the PMW versions will operate in on-off mode.

Linealuce Mini 37

recessed luminaire



15
GREY

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source		system		length	code	colour
W	lm	W	lm			
No-skid glass - Flood optic 46°						
LED						
4000K - CRI 80 - DALI						
5,9W	890	7,5W	303	552	BW42	15
12W	1800	13W	612	1080	BW44	15
18W	2650	19,7W	901	1609	BW46	15
3000K - CRI 80 - DALI						
5,9W	890	7,5W	303	552	BW43	15
12W	1800	13W	612	1080	BW45	15
18W	2650	19,7W	901	1609	BW47	15



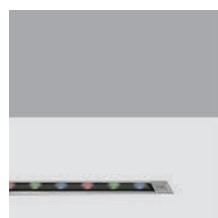
Complete with electronic control card.
Power supply to be ordered separately.
Occupy 1 DALI address.



source		system		length	code	colour
W	lm	W	lm			
Transparent glass - Wall grazing 4÷5 m						
LED						
4000K - CRI 80 - DALI						
5,9W	890	7,5W	463	552	BW30	15
12W	1800	13W	936	1080	BW32	15
18W	2650	19,7W	1378	1609	BW34	15
3000K - CRI 80 - DALI						
5,9W	890	7,5W	463	552	BW31	15
12W	1800	13W	936	1080	BW33	15
18W	2650	19,7W	1378	1609	BW35	15



Complete with electronic control card.
Power supply to be ordered separately.
Occupy 1 DALI address.



source		system		length	code	colour
W	lm	W	lm			
Wall grazing 6÷7 m						
LED						
RGB - DMX-RDM						
11W	660	13,5W	362	552	BW57	15
22W	1320	24,3W	725	1044	BW58	15
33W	1980	42,6W	1087	1529	BW59	15



Complete with electronic control card.
Power supply to be ordered separately.

Compatible with light management systems in the iGuzzini range
illustrated on page 910
For system definition, refer to the instruction sheet.

Mounting accessories	code	colour
Kit with steel cables with small reinforcement plates for application on false ceiling L=570	X013	00 for monochromatic static LED

Steel cable L=200 for application on wall	5925	00
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Mounting accessories	code	colour
Casing L=545	X010	00 For BW18-BW19-BW24-BW25
L=1073	X011	00 For BW20-BW21-BW26-BW27
L=1602	X012	00 For BW22-BW23-BW28-BW29

Mounting accessories	code	colour
Casing L=545	X014	00 For BW30-BW31-BW42-BW43-BW57
L=1037	X017	00 For BW58
L=1073	X015	00 For BW32-BW33-BW44-BW45
L=1529	X018	00 For BW59
L=1602	X016	00 For BW34-BW35-BW46-BW47







Casing measurements
X010 - X011 - X012
L = 545mm / 1073mm / 1602mm
X014 - X017 - X015 - X018 - X016
L = 545mm / 1037mm / 1073mm / 1529mm / 1602mm

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

PWM dimmable monochromatic LED components

Power supply	code	colour	Power supply	code	colour	Power supply	code	colour
 Constant voltage power supply unit non dimmable IP67 40W VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions: 171x61,5x36,8	X182	00	 Constant voltage power supply unit non dimmable track DIN 120W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	BZK0	00	 Constant voltage power supply unit non dimmable track DIN 96W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105	9911	00
 Constant voltage power supply unit non dimmable IP67 80W VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions: 195,6x61,5x38,8	X183	00	VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	PC15	00	 Constant voltage power supply unit non dimmable track DIN 480W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	BZK1	00
 Constant voltage power supply unit non dimmable IP67 120W VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 220x68x38,8	X184	00	 Constant voltage power supply unit non dimmable track DIN 240W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912	00	VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	PC17	00
 Constant voltage power supply unit non dimmable IP67 185W VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions: 228x68x38,8	X185	00	VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	PC16	00	Interfaces & remote units		
 Constant voltage power supply unit non dimmable IP67 240W VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 244,2x90x43,8	X186	00	 Constant current power supply unit non dimmable track DIN 10W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93	9908	00	 PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3	00
 Constant voltage power supply unit non dimmable IP67 320W VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions: 252x90x43,8	X187	00	 Constant voltage power supply unit non dimmable track DIN 24W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909	00	Control gear		
			 Constant voltage power supply unit non dimmable track DIN 72W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9910	00	 IP67 box for power supply dim. 140x230x95h (6PG)	9582	00 Unfit for power supplies 9912-BZH1
						dim. 280x190x130h (10PG)	BZ33	00

Monochrome, dimmable DALI and RGB DMX LED components

Power supply	code	colour	Power supply	code	colour	Control gear	code	colour
 Constant voltage power supply unit non dimmable track DIN 120W VIN = 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	BZ14	00	 Constant voltage power supply unit non dimmable track DIN 480W VIN = 90-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	BZ16	00	 IP68 connector 5-pole	BZS6	04
VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	PC12	00	VIN = 90-264VAC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	PC14	00	 Y connector with 5 poles IP68	BZN7	00
 Constant voltage power supply unit non dimmable track DIN 240W VIN = 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	BZ15	00				For the connection of the DMX or DALI signal cable and power supply cable		
VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	PC13	00				 End cap for connectors + 120 ohm thermal resistance	BZQ7	00 for versions with DMX-RDM resistance

Torre Manacar - Mexico City, Mexico
 Architectural project: Arch. Teodoro González de León
 Lighting design: Artec3 Studio
 Photo: ASA 100 - Santiago Arau
 pages 626 - 627





Linealuce Compact 47

surface

design Jean Michel Wilmotte



Monochromatic: DALI - DMX
RGB / RGBW / Tunable White: DMX



611 mm
Monochrome: DALI - DMX
RGB: DMX
RGBW: DMX
Tunable White: DMX



908 mm
Monochrome: DALI - DMX
RGB: DMX
RGBW: DMX
Tunable White: DMX



1205 mm
Monochrome: DALI - DMX
RGB: DMX
RGBW: DMX
Tunable White: DMX



1502 mm
Monochrome: DALI - DMX
RGBW: DMX
Tunable White: DMX



Explore and interact with products in 3D.
thelightexperience.iguzzini.com



- Luminaire intended for use with monochromatic and LED and RGBW light sources (44-52Vdc DMX-RDM), Tunable White and RGB (48-52Vdc DMX-RDM).
- Wall and ceiling mount as well as support with adjustable arms.
- Comprising housing with a DMX-RDM driver and end caps.
- Extruded aluminium body and flush end caps in die-cast zamak complete with silicone gaskets.
- Liquid acrylic paint ensuring high resistance to atmospheric agents and UV rays.
- Optical compartment closed at the top by a 3mm thick transparent glass screen secured with silicone.

- Supplied with double nickel-plated brass cable gland, outgoing PVC cables and male and female IP68 connectors at the end for pass-through wiring (excluding L=611 mm)
- Equipped with optics with plastic lenses (methacrylate).
- Wall-grazing Spot light distribution optics (WGS), Wall grazing Medium (WGM) and Wall grazing WF (Wide Flood).
- Optics for Accent and Flood Light distributions - Spot (S), Flood (F) and WF (Wide Flood) types.
- Indoor accessory filters for elliptical distribution.

- Indoor accessories: longitudinal blade -louvre, crossways blade louvre and honeycomb for high visual comfort.
- IK 08 by installing outdoor accessories: symmetrical and asymmetrical crossways blade screens for high visual comfort in down-light applications.
- Built-in electronic power supply unit - Insulation class II
- DMX-RDM driver or built-in DALI driver
- All external screws used are in A2 stainless steel.



DMX power supply units inside the body of the luminaire

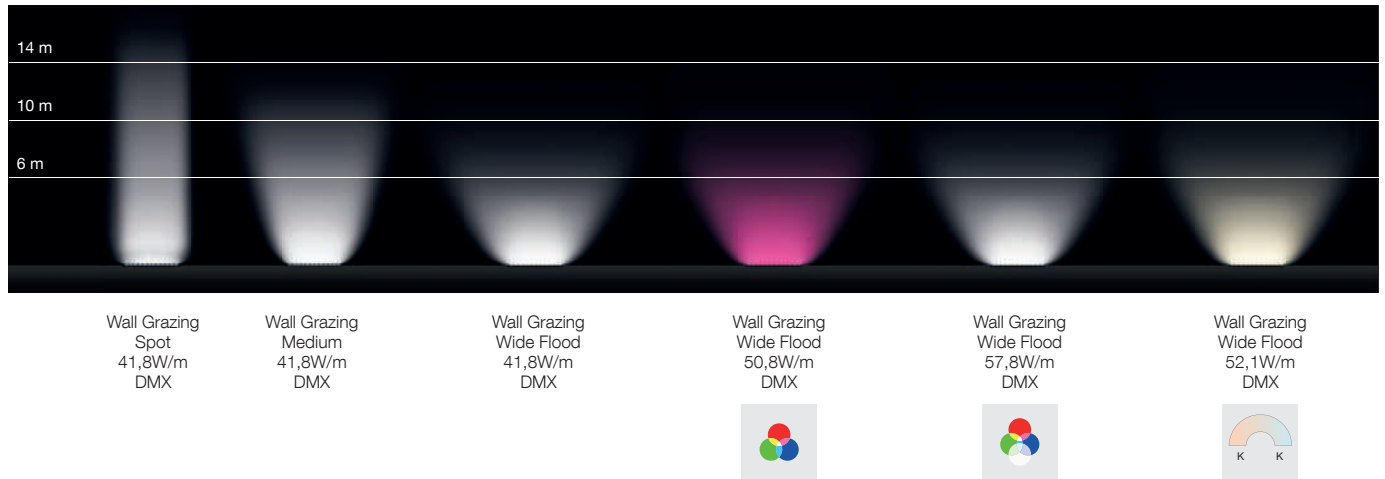


Installation in continual line

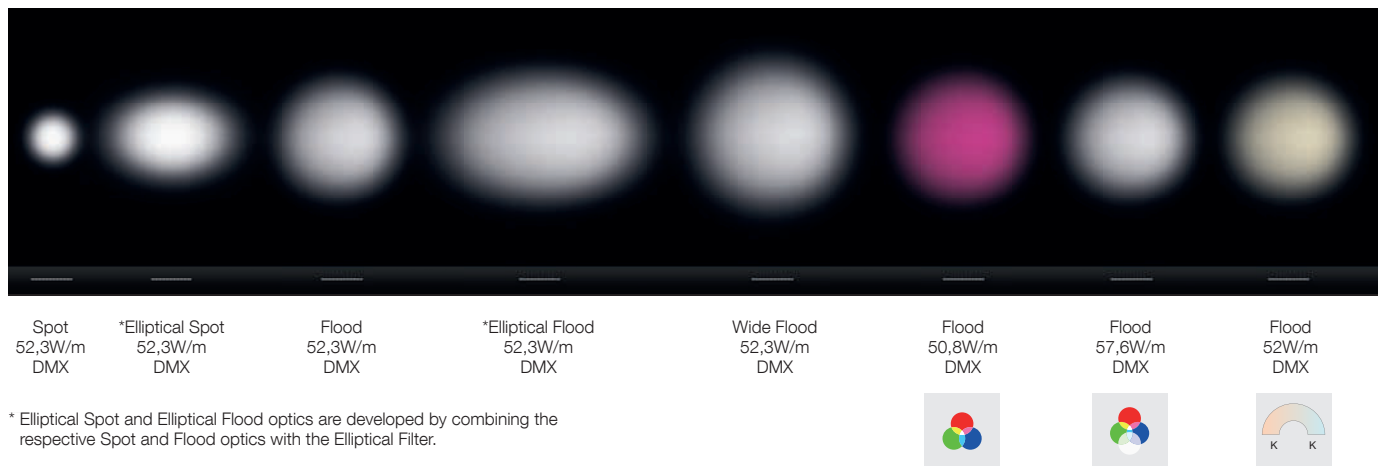


Rapid tool-free connection (free tools)

Wall Grazing optics



Floodlight optics



Accessories

For product-accessory combinations, refer to the instructions sheet.

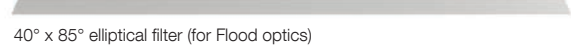
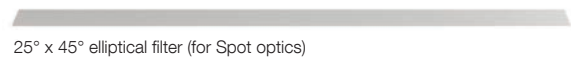
indoor comfort



outdoor comfort



indoor optics



indoor comfort



outdoor comfort



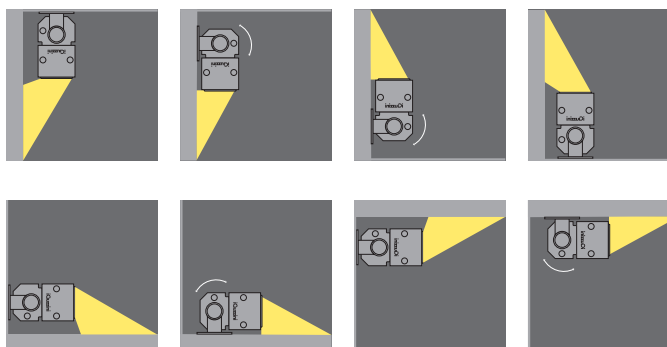
Linealuce Compact 47

surface

Applications

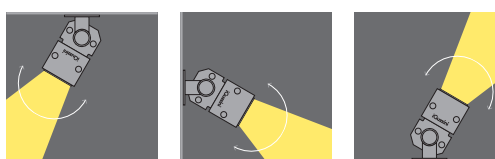
Wall Grazing

Radial light, with Spot, Medium and Wide Flood optics. The product can be adjusted so that it is possible to illuminate uniformly the opposite or the same surface as the installation surface.



Floodlight

Adjustable floodlight with Spot, Flood and Wide Flood optics as well as two elliptical optics that can be implemented using respective accessories for ceiling, wall and ground installations.



**Istituto Zooprofilattico
Sperimentale dell'Umbria e delle
Marche "Togo Rosati" -
Ancona, Italy**
Architectural Project: Sardellini
Marasca Architetti
Photo: iGuzzini Archive



source		system			length	code	colour
W	lm	W	lm	length			
Spot 12°							
LED							
4000K - CRI 80 - DALI							
17,8W	2240	24,7W	1814	611		EZ86	15
26,4W	3360	35,6W	2722	908		EZ87	15
35,7W	4480	46,8W	3629	1205		EZ88	15
44,2W	5600	57,3W	4536	1502		EZ89	15
3000K - CRI 80 - DALI							
17,8W	2240	24,7W	1814	611		EZ90	15
26,4W	3360	35,6W	2722	908		EZ91	15
35,7W	4480	46,8W	3629	1205		EZ92	15
44,2W	5600	57,3W	4536	1502		EZ93	15
2700K - CRI 80 - DALI							
17,8W	2080	24,7W	1685	611		EZ94	15
26,4W	3120	35,6W	2527	908		EZ95	15
35,7W	4160	46,8W	3370	1205		EZ96	15
44,2W	5200	57,3W	4212	1502		EZ97	15



Complete with electronic control card and power supply.
Class of Insulation II.

Spot 12°

source		system			length	code	colour
W	lm	W	lm	length			
Spot 12°							
LED							
4000K - CRI 80 - DMX							
17,8W	2240	24,7W	1814	611		EY94	15
26,4W	3360	35,6W	2722	908		EY95	15
35,7W	4480	46,8W	3629	1205		EY96	15
44,2W	5600	57,3W	4536	1502		EY97	15
3000K - CRI 80 - DMX							
17,8W	2240	24,7W	1814	611		EY98	15
26,4W	3360	35,6W	2722	908		EY99	15
35,7W	4480	46,8W	3629	1205		EZ00	15
44,2W	5600	57,3W	4536	1502		EZ01	15
2700K - CRI 80 - DMX							
17,8W	2080	24,7W	1685	611		EZ02	15
26,4W	3120	35,6W	2527	908		EZ03	15
35,7W	4160	46,8W	3370	1205		EZ04	15
44,2W	5200	57,3W	4212	1502		EZ05	15

Complete with electronic control card and power supply.
Class of Insulation II.



source		system			length	code	colour
W	lm	W	lm	length			
Flood 38°							
LED							
4000K - CRI 80 - DALI							
17,8W	2240	24,7W	1322	611		EZ98	15
26,4W	3360	35,6W	1982	908		EZ99	15
35,7W	4480	46,8W	2643	1205		EJ00	15
44,2W	5600	57,3W	3304	1502		EJ01	15
3000K - CRI 80 - DALI							
17,8W	2240	24,7W	1322	611		EJ02	15
26,4W	3360	35,6W	1982	908		EJ03	15
35,7W	4480	46,8W	2643	1205		EJ04	15
44,2W	5600	57,3W	3304	1502		EJ05	15
2700K - CRI 80 - DALI							
17,8W	2080	24,7W	1227	611		EJ06	15
26,4W	3120	35,6W	1841	908		EJ07	15
35,7W	4160	46,8W	2454	1205		EJ08	15
44,2W	5200	57,3W	3068	1502		EJ09	15



Complete with electronic control card and power supply.
Class of Insulation II.

Flood 38°

source		system			length	code	colour
W	lm	W	lm	length			
Flood 38°							
LED							
4000K - CRI 80 - DMX							
17,8W	2240	24,7W	1322	611		EZ06	15
26,4W	3360	35,6W	1982	908		EZ07	15
35,7W	4480	46,8W	2643	1205		EZ08	15
44,2W	5600	57,3W	3304	1502		EZ09	15
3000K - CRI 80 - DMX							
17,8W	2240	24,7W	1322	611		EZ10	15
26,4W	3360	35,6W	1982	908		EZ11	15
35,7W	4480	46,8W	2643	1205		EZ12	15
44,2W	5600	57,3W	3304	1502		EZ13	15
2700K - CRI 80 - DMX							
17,8W	2080	24,7W	1227	611		EZ14	15
26,4W	3120	35,6W	1841	908		EZ15	15
35,7W	4160	46,8W	2454	1205		EZ16	15
44,2W	5200	57,3W	3068	1502		EZ17	15

Complete with electronic control card and power supply.
Class of Insulation II.

RGB - RGBW - Tunable White - Flood 38°

LED							
RGB - DMX							
22,1W	1040	28,3W	707	611		EZ30	15
32,3W	1560	40W	1061	908		EZ31	15
43,4W	2080	52,1W	1414	1205		EZ32	15
RGBW - DMX							
19,6W	1160	26,7W	673	611		EZ33	15
29,8W	1720	38,8W	998	908		EZ34	15
39,1W	2280	50W	1322	1205		EZ35	15
49,3W	2880	61,1W	1670	1502		EZ36	15
Tunable White - DMX							
22,1W	2800	29,6W	1652	611		EZ37	15
32,3W	4240	41,9W	2502	908		EZ38	15
43,4W	5640	54,4W	3328	1205		EZ39	15

Complete with electronic control card and power supply.
Class of Insulation II.
DALI versions available on request.

Linealuce Compact 47

surface



15
GREY

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new
Available from July



source		system		length	code	colour
W	lm	W	lm			
Wide Flood 44°						
LED						
4000K - CRI 80 - DALI						
17,8W	2240	24,7W	1478	611	EJ10	15
26,4W	3360	35,6W	2218	908	EJ11	15
35,7W	4480	46,8W	2957	1205	EJ12	15
44,2W	5600	57,3W	3696	1502	EJ13	15
3000K - CRI 80 - DALI						
17,8W	2240	24,7W	1478	611	EJ14	15
26,4W	3360	35,6W	2218	908	EJ15	15
35,7W	4480	46,8W	2957	1205	EJ16	15
44,2W	5600	57,3W	3696	1502	EJ17	15
2700K - CRI 80 - DALI						
17,8W	2080	24,7W	1373	611	EJ18	15
26,4W	3120	35,6W	2059	908	EJ19	15
35,7W	4160	46,8W	2746	1205	EJ20	15
44,2W	5200	57,3W	3432	1502	EJ21	15



Complete with electronic control card and power supply.
Class of Insulation II.

source		system		length	code	colour
W	lm	W	lm			
Wide Flood 44°						
LED						
4000K - CRI 80 - DMX						
17,8W	2240	24,7W	1478	611	EZ18	15
26,4W	3360	35,6W	2218	908	EZ19	15
35,7W	4480	46,8W	2957	1205	EZ20	15
44,2W	5600	57,3W	3696	1502	EZ21	15
3000K - CRI 80 - DMX						
17,8W	2240	24,7W	1478	611	EZ22	15
26,4W	3360	35,6W	2218	908	EZ23	15
35,7W	4480	46,8W	2957	1205	EZ24	15
44,2W	5600	57,3W	3696	1502	EZ25	15
2700K - CRI 80 - DMX						
17,8W	2080	24,7W	1373	611	EZ26	15
26,4W	3120	35,6W	2059	908	EZ27	15
35,7W	4160	46,8W	2746	1205	EZ28	15
44,2W	5200	57,3W	3432	1502	EZ29	15

Complete with electronic control card and power supply.
Class of Insulation II.



source		system		length	code	colour
W	lm	W	lm			
Wall grazing spot						
LED						
4000K - CRI 80 - DALI						
17,8W	2240	24,7W	1568	611	EZ40	15
26,4W	3360	35,6W	2352	908	EZ41	15
35,7W	4480	46,8W	3136	1205	EZ42	15
44,2W	5600	57,3W	3920	1502	EZ43	15
3000K - CRI 80 - DALI						
17,8W	2240	24,7W	1568	611	EZ44	15
26,4W	3360	35,6W	2352	908	EZ45	15
35,7W	4480	46,8W	3136	1205	EZ46	15
44,2W	5600	57,3W	3920	1502	EZ47	15
2700K - CRI 80 - DALI						
17,8W	2080	24,7W	1456	611	EZ48	15
26,4W	3120	35,6W	2184	908	EZ49	15
35,7W	4160	46,8W	2912	1205	EZ50	15
44,2W	5200	57,3W	3640	1502	EZ51	15



Complete with electronic control card and power supply.
Class of Insulation II.

source		system		length	code	colour
W	lm	W	lm			
Wall grazing spot						
LED						
4000K - CRI 80 - DMX						
17,8W	2240	24,7W	1568	611	EY48	15
26,4W	3360	35,6W	2352	908	EY49	15
35,7W	4480	46,8W	3136	1205	EY50	15
44,2W	5600	57,3W	3920	1502	EY51	15
3000K - CRI 80 - DMX						
17,8W	2240	24,7W	1568	611	EY52	15
26,4W	3360	35,6W	2352	908	EY53	15
35,7W	4480	46,8W	3136	1205	EY54	15
44,2W	5600	57,3W	3920	1502	EY55	15
2700K - CRI 80 - DMX						
17,8W	2080	24,7W	1456	611	EY56	15
26,4W	3120	35,6W	2184	908	EY57	15
35,7W	4160	46,8W	2912	1205	EY58	15
44,2W	5200	57,3W	3640	1502	EY59	15

Complete with electronic control card and power supply.
Class of Insulation II.



source		system		length	code	colour
W	lm	W	lm			
Wall grazing medium						
LED						
4000K - CRI 80 - DALI						
17,8W	2240	24,7W	1277	611	EZ52	15
26,4W	3360	35,6W	1915	908	EZ53	15
35,7W	4480	46,8W	2554	1205	EZ54	15
44,2W	5600	57,3W	3192	1502	EZ55	15
3000K - CRI 80 - DALI						
17,8W	2240	24,7W	1277	611	EZ56	15
26,4W	3360	35,6W	1915	908	EZ57	15
35,7W	4480	46,8W	2554	1205	EZ58	15
44,2W	5600	57,3W	3192	1502	EZ59	15
2700K - CRI 80 - DALI						
17,8W	2080	24,7W	1186	611	EZ60	15
26,4W	3120	35,6W	1778	908	EZ61	15
35,7W	4160	46,8W	2371	1205	EZ62	15
44,2W	5200	57,3W	2964	1502	EZ63	15

Complete with electronic control card and power supply.
Class of Insulation II.

Wall grazing medium

source		system		length	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80 - DMX						
17,8W	2240	24,7W	1277	611	EY60	15
26,4W	3360	35,6W	1915	908	EY61	15
35,7W	4480	46,8W	2554	1205	EY62	15
44,2W	5600	57,3W	3192	1502	EY63	15
3000K - CRI 80 - DMX						
17,8W	2240	24,7W	1277	611	EY64	15
26,4W	3360	35,6W	1915	908	EY65	15
35,7W	4480	46,8W	2554	1205	EY66	15
44,2W	5600	57,3W	3192	1502	EY67	15
2700K - CRI 80 - DMX						
17,8W	2080	24,7W	1186	611	EY68	15
26,4W	3120	35,6W	1778	908	EY69	15
35,7W	4160	46,8W	2371	1205	EY70	15
44,2W	5200	57,3W	2964	1502	EY71	15

Complete with electronic control card and power supply.
Class of Insulation II.



source		system		length	code	colour
W	lm	W	lm			
Wall grazing wide flood						
LED						
4000K - CRI 80 - DALI						
17,8W	2240	24,7W	1478	611	EZ64	15
26,4W	3360	35,6W	2218	908	EZ65	15
35,7W	4480	46,8W	2957	1205	EZ66	15
44,2W	5600	57,3W	3696	1502	EZ67	15
3000K - CRI 80 - DALI						
17,8W	2240	24,7W	1478	611	EZ68	15
26,4W	3360	35,6W	2218	908	EZ69	15
35,7W	4480	46,8W	2957	1205	EZ70	15
44,2W	5600	57,3W	3696	1502	EZ71	15
2700K - CRI 80 - DALI						
17,8W	2080	24,7W	1373	611	EZ72	15
26,4W	3120	35,6W	2059	908	EZ73	15
35,7W	4160	46,8W	2746	1205	EZ74	15
44,2W	5200	57,3W	3432	1502	EZ75	15

Complete with electronic control card and power supply.
Class of Insulation II.

Wall grazing wide flood

source		system		length	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80 - DMX						
17,8W	2240	24,7W	1478	611	EY72	15
26,4W	3360	35,6W	2218	908	EY73	15
35,7W	4480	46,8W	2957	1205	EY74	15
44,2W	5600	57,3W	3696	1502	EY75	15
3000K - CRI 80 - DMX						
17,8W	2240	24,7W	1478	611	EY76	15
26,4W	3360	35,6W	2218	908	EY77	15
35,7W	4480	46,8W	2957	1205	EY78	15
44,2W	5600	57,3W	3696	1502	EY79	15
2700K - CRI 80 - DMX						
17,8W	2080	24,7W	1373	611	EY80	15
26,4W	3120	35,6W	2059	908	EY81	15
35,7W	4160	46,8W	2746	1205	EY82	15
44,2W	5200	57,3W	3432	1502	EY83	15

Complete with electronic control card and power supply.
Class of Insulation II.













Wall grazing wide flood











LED						
RGB - DMX						
22,1W	1040	28,3W	759	611	EY84	15
32,3W	1560	40W	1139	908	EY85	15
43,4W	2080	52,1W	1518	1205	EY86	15
RGBW - DMX						
19,6W	1160	26,7W	824	611	EY87	15
29,8W	1720	38,8W	1221	908	EY88	15
39,1W	2280	50W	1619	1205	EY89	15
49,3W	2880	61,1W	2045	1502	EY90	15
Tunable White - DMX						
22,1W	2800	29,6W	2016	611	EY91	15
32,3W	4240	41,9W	3053	908	EY92	15
43,4W	5640	54,4W	4061	1205	EY93	15

Complete with electronic control card and power supply.
Class of Insulation II.
DALI versions available on request.

Linealuce Compact 47

surface

Optical accessories	code	colour	Optical accessories	code	colour	Optical accessories	code	colour
 Internal transversal louvre for all versions			 Elliptical filter 25°x 45° for Spot optic 12°			 Symmetrical external screen for monochromatic and TW versions		
L=591	X349	04 For L=611 versions	L=591	X361	24 For L=611 versions	L=614	X373	04 For L=611 versions
L=888	X350	04 For L=908 versions	L=888	X362	24 For L=908 versions	L=911	X374	04 For L=908 versions
L=1185	X351	04 For L=1205 versions	L=1185	X363	24 For L=1205 versions	L=1208	X375	04 For L=1205 versions
L=1482	X352	04 For L=1502 versions	L=1482	X364	24 For L=1502 versions	L=1505	X376	04 For L=1502 versions
 Internal longitudinal louvre for monochromatic, TW, RGB versions			 Elliptical filter 40°x80° for flood optic 39°			 External symmetrical screen for RGB and TW versions		
L=591	X353	04 For L=611 versions	L=591	X365	24 For L=611 versions	L=614	X380	04 For L=611 versions
L=888	X354	04 For L=908 versions	L=888	X366	24 For L=908 versions	L=911	X381	04 For L=908 versions
L=1185	X355	04 For L=1205 versions	L=1185	X367	24 For L=1205 versions	L=1208	X382	04 For L=1205 versions
L=1482	X356	04 For L=1502 versions	L=1482	X368	24 For L=1502 versions	 Symmetrical external screen for RGBW versions		
 Internal longitudinal louvre for RGBW versions			 Assymetrical external screen for monochromatic versions			L=614	X387	04 For L=611 versions
L=591	X399	04 For L=611 versions	L=614	X369	04 For L=611 versions	L=911	X388	04 For L=908 versions
L=888	X400	04 For L=908 versions	L=911	X370	04 For L=908 versions	L=1208	X389	04 For L=1205 versions
L=1185	X401	04 For L=1205 versions	L=1208	X371	04 For L=1205 versions	L=1505	X390	04 For L=1502 versions
L=1482	X402	04 For L=1502 versions	L=1505	X372	04 For L=1502 versions			
 Honeycomb louvre for all versions			 Assymetrical external screen for RGB and TW versions					
L=591	X357	04 For L=611 versions	L=614	X377	04 For L=611 versions			
L=888	X358	04 For L=908 versions	L=911	X378	04 For L=908 versions			
L=1185	X359	04 For L=1205 versions	L=1208	X379	04 For L=1205 versions			
L=1482	X360	04 For L=1502 versions	 Assymetrical external screen for RGBW versions					
			L=614	X383	04 For L=611 versions			
			L=911	X384	04 For L=908 versions			
			L=1208	X385	04 For L=1205 versions			
			L=1505	X386	04 For L=1502 versions			

Mounting accessories			Control gear			
	code	colour		code	colour	
	Short orientable arms wall/ceiling/support	X392	13		Y connector with 5 poles IP68	
	Short orientable arms wall/ceiling/support with lateral mechanical block	X391	13		For the connection of the DMX or DALI signal cable and power supply cable	BZN7 00
	Orientable arms wall/ceiling/support				3-way IP68 male / female branch connector	
	L=223	X395	13		5 poles - 250/400V - DALI	X563 04
	L=60 mm from wall	X393	13		5 poles - 250/400V - DMX	X567 04
	L=100 from wall	X394	13			
	Spike kit for ground / garden installation				IP68 junction female connector	
	To be used together with arms X391 - X392 - X393 - X394	X476	00		5 poles - 250/400V - DALI	X560 04
					5 poles - 250/400V - DMX	X564 04
					IP 68 junction connector with end cap for male junction	
					5 poles - 250/400V - DALI	X561 04
					5 poles - 250/400V - DMX	X565 04
					2-way IP68 male/female junction connector	
					5 poles - 250/400V - DALI	X562 04
					5 poles - 250/400V - DMX	X566 04
					End cap for connectors + 120 ohm thermal resistance	BZQ7 00 for versions with DMX-RDM

Linealuca Compact 75

surface

design Jean Michel Wilmotte



Compact 75
Monochromatic



Compact 75
Monochromatic: DALI



Compact 75
RGB: DALI - DMX
Tunable White: DMX
RGBW: DMX
WRGBW: DMX



506 mm RGB: DALI - DMX / RGBW: DMX / Tunable white: DMX
528 mm Monochromatic / Monochromatic: DALI
540 mm WRGBW: DMX



998 mm RGB: DALI - DMX / RGBW: DMX / Tunable white: DMX
1026 mm WRGBW: DMX
1056 mm Monochromatic / Monochromatic: DALI



1490 mm RGB: DALI - DMX / RGBW: DMX / Tunable white: DMX
1511 mm WRGBW: DMX
1585 mm Monochromatic / Monochromatic: DALI

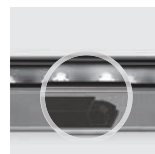


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- Wall, ceiling and balustrade installation using accessory supports.
- Extruded aluminium body with die-cast aluminium end caps complete with silicone seals;
- Side power supply box in PPS.
- Optical compartment closed at the top by a 3mm thick transparent glass screen secured with silicone.
- The side box is fitted with a double male/female connector with a 3-pole quick coupling for pass-through wiring and an end cap on one side.

- LED versions are available with dynamic RGB colour and Tunable white change compatible with light management systems.
- Dimmable and RGB monochromatic versions complete with electronic power supply + internal DALI or DMX-RDM driver.
- Luminaire ready for pass-through wiring.
- All external screws used are in A2 stainless steel.



DMX power supply units inside the body of the luminaire

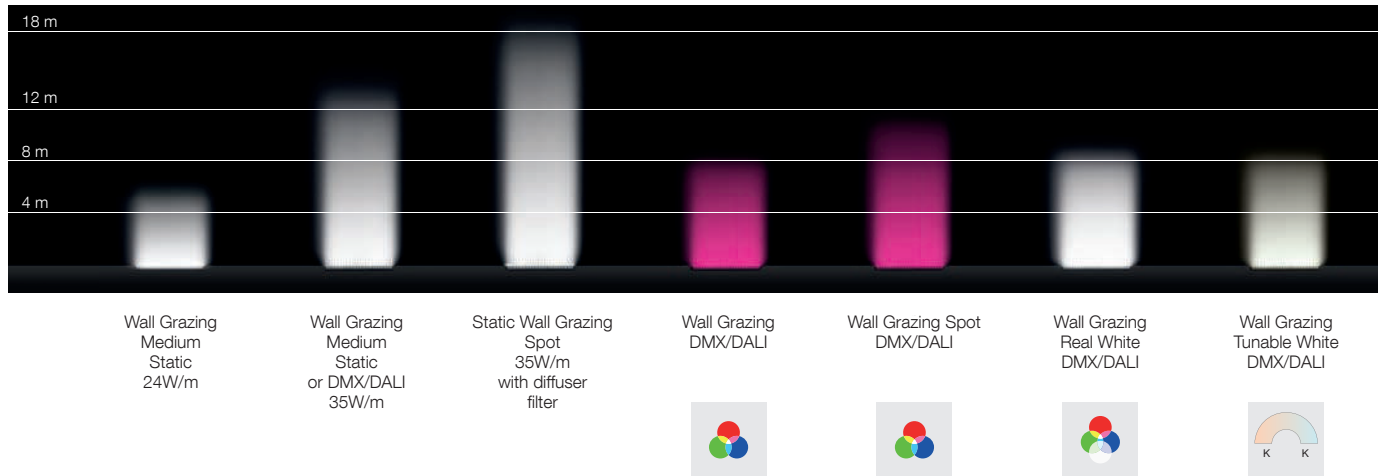


Installation in continual line

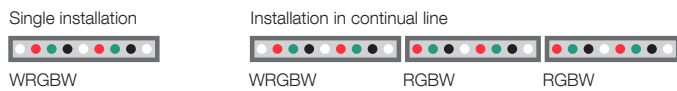


Rapid tool-free connection (free tools)

Optics

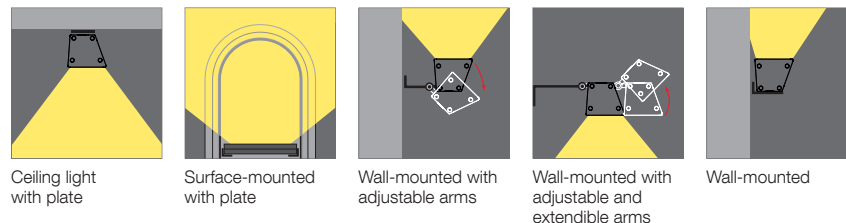


RGBW / WRGBW installation in a continual line



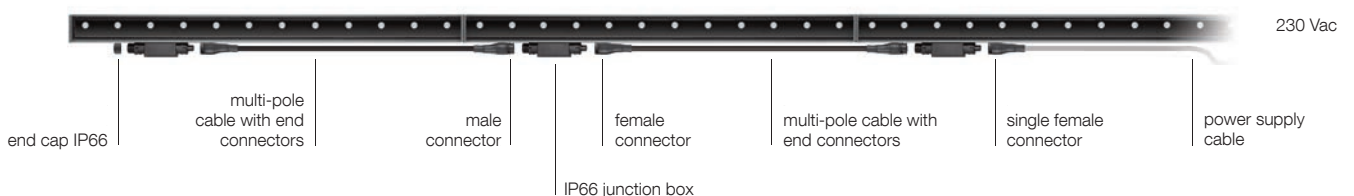
Applications

The huge range of installation systems allows the inclusion of Linealuce in a broad variety of applications in every architectural context.



Simplified wiring

Linealuce Compact comes with fast, easy pass-through wiring. So, during mounting operations, the luminaire is never opened, significantly reducing installation times and costs and at the same time increasing operator safety. The wiring box has two inlets, male and female, and a cap for the unused inlet.



Linealuce Compact 75

surface

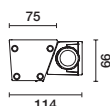


15
GREY

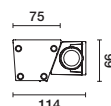
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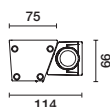
source		system		length	code colour
W	lm	W	lm		
Wall grazing 4÷5 m					
LED					
4000K - CRI 80					
5,9W	900	8,2W	504	528	BG96 15
12W	1800	16,6W	1008	1056	BG98 15
18W	2700	22,8W	1512	1585	BH00 15
3000K - CRI 80					
5,9W	900	8,2W	504	528	BG97 15
12W	1800	16,6W	1008	1056	BG99 15
18W	2700	22,8W	1512	1585	BH01 15
Complete with power supply.					



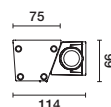
source		system		length	code colour
W	lm	W	lm		
Wall grazing 11÷13 m					
LED					
4000K - CRI 80					
16W	2250	19,9W	1485	528	BH08 15
31W	4450	39,7W	2937	1056	BH10 15
47W	6700	66,2W	4422	1585	BH12 15
3000K - CRI 80					
16W	2250	19,9W	1485	528	BH09 15
31W	4450	39,7W	2937	1056	BH11 15
47W	6700	66,2W	4422	1585	BH13 15
Complete with power supply.					



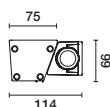
source		system		length	code colour
W	lm	W	lm		
Wall grazing 8÷9 m					
LED					
4000K - CRI 80					
11W	1650	14,5W	1089	528	BH02 15
22W	3300	26,9W	2178	1056	BH04 15
32W	4950	41,5W	3267	1585	BH06 15
3000K - CRI 80					
11W	1650	14,5W	1089	528	BH03 15
22W	3300	26,9W	2178	1056	BH05 15
32W	4950	41,5W	3267	1585	BH07 15
Complete with power supply.					



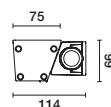
source		system		length	code colour
W	lm	W	lm		
Wall grazing 11÷13 m					
LED					
4000K - CRI 80					
16W	2250	19,9W	1710	528	BI51 15
31W	4450	39,7W	3382	1056	BI53 15
47W	6700	66,2W	5092	1585	BI55 15
3000K - CRI 80					
16W	2250	19,9W	1710	528	BI52 15
31W	4450	39,7W	3382	1056	BI54 15
47W	6700	66,2W	5092	1585	BI56 15
Complete with power supply.					

















source		system		length	code colour
W	lm	W	lm		
Wall grazing 11÷13 m					
LED					
4000K - CRI 80 - DALI					
16W	2250	19,8W	1485	528	BI57 15
31W	4450	36,9W	2937	1056	BI59 15
47W	6700	54,2W	4422	1585	BI61 15
3000K - CRI 80 - DALI					
16W	2250	19,8W	1485	528	BI58 15
31W	4450	36,9W	2937	1056	BI60 15
47W	6700	54,2W	4422	1585	BI62 15
4000K - CRI 80 - DMX-RDM					
16W	2250	19,8W	1485	528	BI63 15
31W	4450	36,9W	2937	1056	BI65 15
47W	6700	54,2W	4422	1585	BI67 15
3000K - CRI 80 - DMX-RDM					
16W	2250	19,8W	1485	528	BI64 15
31W	4450	36,9W	2937	1056	BI66 15
47W	6700	54,2W	4422	1585	BI68 15
Complete with electronic control card and power supply. Monochromatic DALI versions occupy 1 address.					
Wall grazing 6÷10 m					
LED					
CRI 80 - DMX-RDM					
17W	2400	21,5W	1584	506	BM66 15
34W	4750	40,1W	3135	998	BM67 15
51W	7150	59W	4719	1490	BM68 15
Tunable white: 2700K÷6000K. Complete with electronic control card and power supply.					



source		system		length	code colour
W	lm	W	lm		
Wall grazing 8 m					
LED					
RGB - DALI					
13W	770	18,6W	494	506	BI69 15
27W	1530	32,4W	981	998	BI70 15
40W	2300	45,1W	1475	1490	BI71 15
RGB - DMX-RDM					
13W	770	18,6W	494	506	BI72 15
27W	1530	32,4W	981	998	BI73 15
40W	2300	45,1W	1475	1490	BI74 15
Complete with electronic control card and power supply. RGB DALI versions occupy 3 addresses.					
Wall grazing 6÷8 m					
LED					
RGBW - DMX-RDM					
13W	990	18,6W	662	506	BM45 15
27W	1980	32,9W	1323	998	BM46 15
40W	2970	47,4W	1985	1490	BM47 15
WRGBW - DMX-RDM					
15W	1100	20,3W	735	540	BN90 15
28W	2090	34,3W	1397	1026	BN91 15
42W	3080	48,6W	2059	1511	BN92 15
Complete with electronic control card and power supply.					
Wall grazing spot 10÷11 m					
LED					
RGB - DMX-RDM					
13W	770	18,6W	655	506	BP14 15
27W	1530	32,4W	1301	998	BP15 15
Complete with electronic control card and power supply. RGB DALI versions occupy 3 addresses.					



accessories and installation systems for monochromatic static LEDs

Optical accessories		code	colour	Mounting accessories		code	colour	Control gear		code	colour	
	Anti-glare louvre				Aluminium adjustable arms +/- 90°				Female connector with 3 poles - IP66	BZ12	04	
	L=510	TJY0	04 For L=528 versions		L=138	5576	15 suggested for Up Light installation			Male connector with 3 poles, with cap for unused male connectors - IP66	BZ13	04
	L=1037	TJY1	04 For L=1056 versions		Aluminium extendable and adjustable arms +/- 90°					Couple of connectors (male + female) with 3 poles - IP66	BZ14	04
	L=1564	TJY2	04 For L=1585 versions		L=309÷389	5577	15 suggested for Up Light installation			Multi-pole cable units with 3-pole end connectors (male+ female) for continuous line connections modules		
	Diffuser filter for Wall Grazing Spot optic				Brackets for application on balustrade L=297				L=395	BZ10	04 for modules L=528	
	L=509	BZS8	65 For L=528 versions		L=297	5578	15 suggested for Up Light installation		L=925	BZ11	04 for modules L=1056	
	L=1037	BZS9	65 For L=1056 versions		Adjustable arms +/- 90° in stainless steel for wall or ceiling mounting				L=1455	BZ12	04 for modules L=1585	
	L=1566	BZT0	65 For L=1585 versions		L=138	BZX2	13 suggested for Up Light installation					
	Anti-glare screen				L=310	BZX3	13 suggested for Up Light installation					
	L=510	BZH7	15 For L=528 versions		Orientable arms +/- 90° in stainless steel for wall/ ceiling application with screw block							
	L=1037	BZH8	15 For L=1056 versions		L=138	X406	13 suggested for Down Light installation for heights over 3m					
	L=1565	BZH9	15 For L=1585 versions		L=310	X407	13 suggested for Down Light installation for heights over 3m					
					Plat for application on support or on ceiling							
					L=310	5570	00 For L=506-528-540-998-1026-1056 versions					
					L=645	5571	00 For L=1490-1511-1585 versions					
					Bracket for application on walls							
					L=310	BZ10	15 for versions L=506-528-998-1056					
					L=670	BZ11	15 For L=1490-1585 versions					



Linealuce Compact 75

recessed luminaire

design Jean Michel Wilmotte



Compact 75
Monochromatic



Compact 75
Monochromatic: DALI



Compact 75
RGB: DMX
Tunable White: DMX
RGBW: DMX



579 mm RGB: DMX / RGBW: DMX / Tunable white: DMX
601 mm Monochromatic static / Monochromatic: DALI



1071 mm RGB: DMX / RGBW: DMX / Tunable white: DMX
1129 mm Monochromatic static / Monochromatic: DALI



1563 mm RGB: DMX / RGBW: DMX / Tunable white: DMX
1658 mm Monochromatic static / Monochromatic: DALI



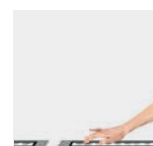
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- Floor-, wall- and ceiling-mounted recessed luminaire intended for use with LED light sources.
- Comprising body and installation frame casing (to be ordered separately).
- Extruded aluminium body closed at the top by a semi-frosted or anti-slip glass screen secured with silicone; with die-cast aluminium end caps complete with silicone seals; aluminium outer casing with techno-polymer caps.
- LED versions are available with dynamic RGB colour and Tunable white change compatible with light management systems.
- Dimmable and RGB monochromatic versions complete with electronic power supply + internal DALI or DMX-RDM driver.
- Luminaire ready for pass-through wiring.
- All external screws used are in A2 stainless steel.
- The appliances are designed and tested to withstand a static load of up to 10000 N and are suitable for vehicles with tyres. The appliances cannot be used in lanes where they are subjected to horizontal stresses arising from acceleration, braking and/or changes of direction.



Versions complete with non-slip glass



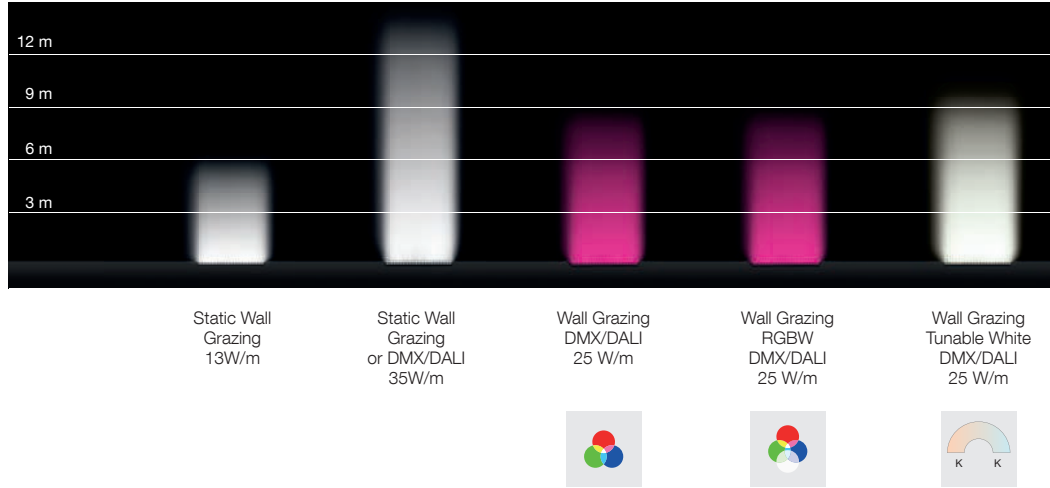
Temperature < 40°C



Static load resistance 1000 Kg

Wall Grazing optics

Floodlight optic



Static Wall Grazing
13W/m

Static Wall Grazing
or DMX/DALI
35W/m

Wall Grazing
DMX/DALI
25 W/m

Wall Grazing
RGBW
DMX/DALI
25 W/m

Wall Grazing
Tunable White
DMX/DALI
25 W/m



Flood 40°
non-slip
Static/DALI
25 W/m



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source	system		length	code	colour
	W	lm			
No-skid glass - Flood optic 44°					
LED					
4000K - CRI 80					
16W	2200	19,9W	1056	601	BN98 15
31W	4450	39,7W	2136	1129	BN00 15
47W	6650	66,2W	3192	1658	BN02 15
3000K - CRI 80					
16W	2200	19,9W	1056	601	BN99 15
31W	4450	39,7W	2136	1129	BN01 15
47W	6650	66,2W	3192	1658	BN03 15
Complete with power supply					
No-skid glass - Flood optic 44°					
LED					
4000K - CRI 80 - DALI					
16W	2200	19,7W	1056	601	BN16 15
31W	4450	36,8W	2136	1129	BN18 15
47W	6650	54W	3192	1658	BN20 15
3000K - CRI 80 - DALI					
16W	2200	19,7W	1056	601	BN17 15
31W	4450	36,8W	2136	1129	BN19 15
47W	6650	54W	3192	1658	BN21 15
Complete with electronic control card and power supply. Occupies 1 address.					



source	system		length	code	colour
	W	lm			
Transparent glass - Wall grazing 4÷5 m					
LED					
4000K - CRI 80					
5,9W	900	8,2W	477	601	BM86 15
12W	1800	17,3W	954	1129	BM88 15
18W	2700	23,8W	1431	1658	BM90 15
3000K - CRI 80					
5,9W	900	8,2W	477	601	BM87 15
12W	1800	17,3W	954	1129	BM89 15
18W	2700	23,8W	1431	1658	BM91 15
Complete with power supply					
Transparent glass - Wall grazing 6÷10 m					
LED					
CRI 80 - DMX-RDM					
17W	2350	21,4W	1246	579	BP03 15
34W	4700	40W	2491	1071	BP04 15
51W	7100	58,8W	3763	1563	BP05 15
Complete with electronic control card and power supply. Tunable white: 2700K÷6000K.					



Linealuce Compact 75

recessed luminaire



15
GREY

iguzzini.com code finder / download design files / save and organize favorites



source		system		length	code	colour
W	lm	W	lm			
Semi-acid etched glass - Wall grazing 11÷13 m						
LED						
4000K - CRI 80						
16W	2200	19,9W	946	601	BM92	15
31W	4450	39,7W	1914	1129	BM94	15
47W	6650	66,2W	2860	1658	BM96	15
3000K - CRI 80						
16W	2200	19,9W	946	601	BM93	15
31W	4450	39,7W	1914	1129	BM95	15
47W	6650	66,2W	2860	1658	BM97	15



Complete with power supply



source		system		length	code	colour
W	lm	W	lm			
Semi-acid etched glass - Wall grazing 11÷13 m						
LED						
4000K - CRI 80 - DALI						
16W	2200	19,7W	946	601	BN04	15
31W	4450	36,8W	1914	1129	BN06	15
47W	6650	54W	2860	1658	BN08	15
3000K - CRI 80 - DALI						
16W	2200	19,7W	946	601	BN05	15
31W	4450	36,8W	1914	1129	BN07	15
47W	6650	54W	2860	1658	BN09	15



Complete with electronic control card and power supply.
Occupies 1 address.



source		system		length	code	colour
W	lm	W	lm			
Transparent glass - Wall grazing 6÷8 m						
LED						
RGB - DMX-RDM						
13W	770	18,6W	523	579	BN31	15
27W	1530	32,4W	1039	1071	BN32	15
40W	2300	45,1W	1561	1563	BN33	15
RGBW - DMX-RDM						
13W	990	18,6W	662	579	BN43	15
27W	1980	32,9W	1323	1071	BN44	15
40W	2970	47,4W	1985	1563	BN45	15



Complete with electronic control card and power supply.

Compatible with light management systems
in the iguzzini range illustrated on page 910
For system definition, refer to the instruction sheet.

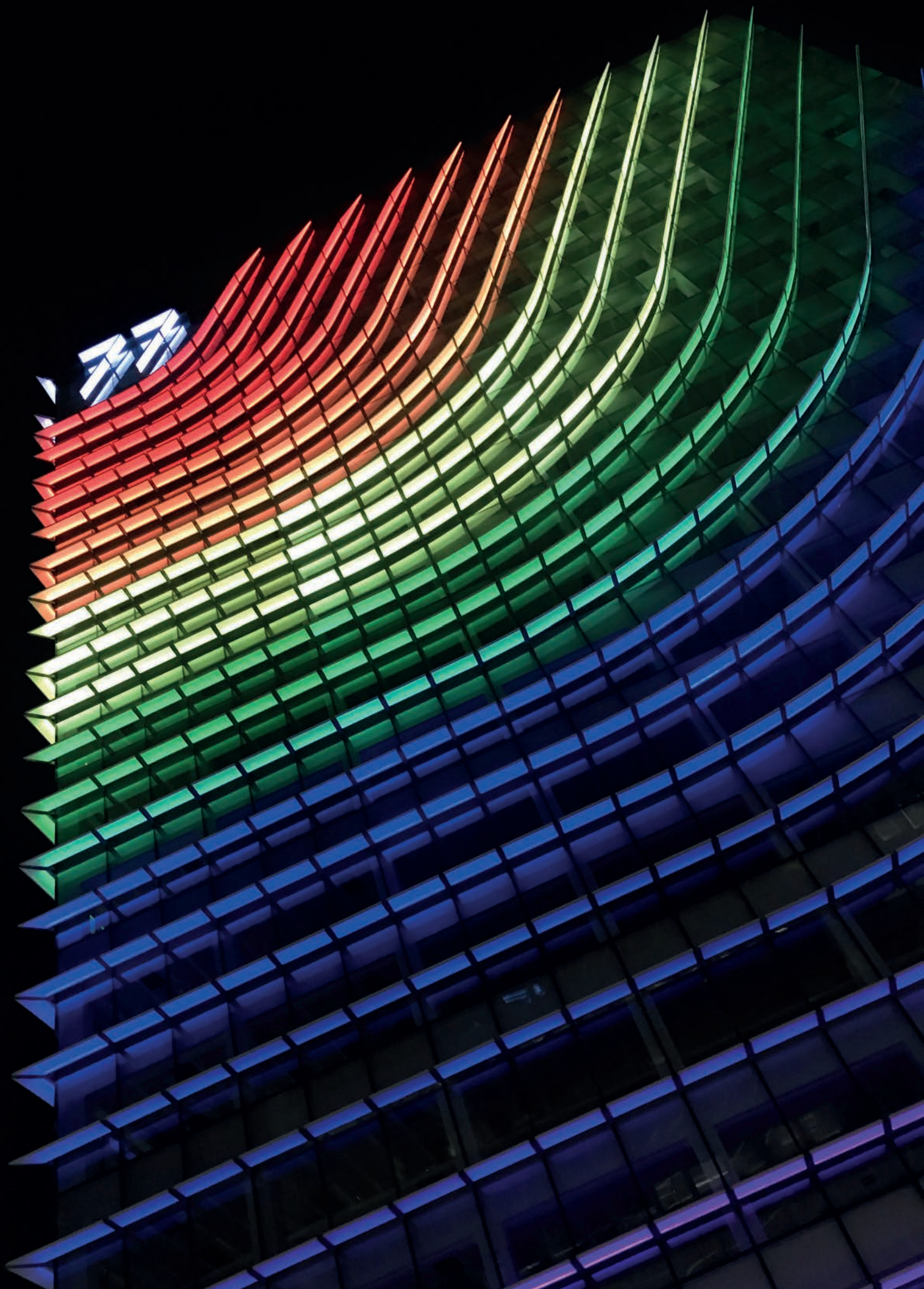
Mounting accessories	code	colour
Kit with steel cables with small reinforcement plates for application on false ceiling	5926	00
Steel cable L=200 for application on wall	5925	00
Casing		
L=559	BZV3	00 for versions L=579
L=581	BZV0	00 for versions L=601
L=911	BZV4	00 for versions L=1071
L=1110	BZV1	00 for versions L=1129
L=1545	BZV5	00 For L=1563 versions
L=1640	BZV2	00 For L=1658 versions

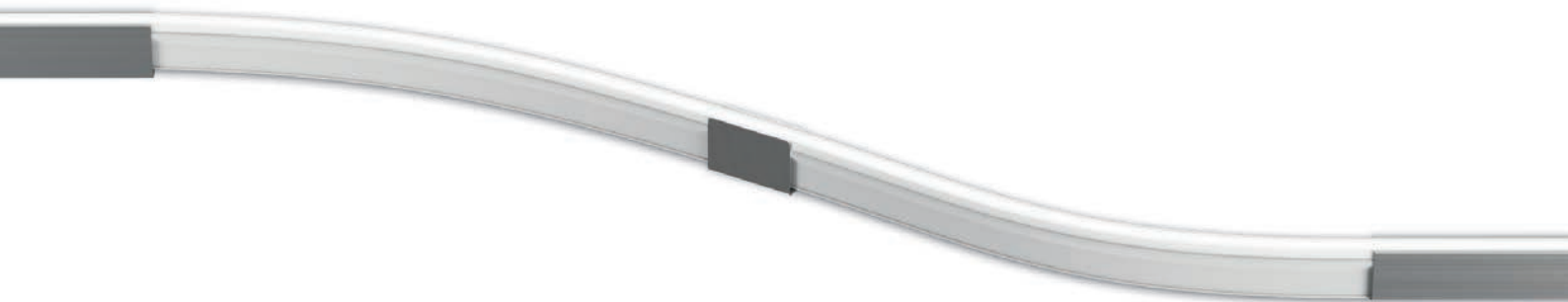
Control gear	code	colour
IP68 connector 5-pole	BZS6	04
Y connector with 5 poles IP68	BZN7	00
For the connection of the DMX or DALI signal cable and power supply cable		
End cap for connectors + 120 ohm thermal resistance	BZQ7	00 for versions with DMX-RDM

Casing measurements
BZV3 - BZV0 - BZV4 - BZV1 - BZV5 - BZV2
L = 559mm / 581mm / 911mm / 1110mm / 1545mm / 1640mm

Temple of The Church of Jesus Christ of Latter-day Saints – Rome, Italy
Architectural Project: Bioedil Progetti s.r.l. + Ingegneria s.r.l.
Lighting project: BNA Consulting - Salt Lake City
Photo: Luca Petrucci







Side Bend 10
page 652



Side Bend 16
page 656



Top Bend 16
page 662

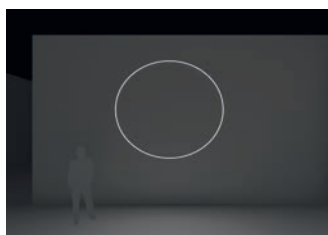


**Top Bend 16
Dive**
page 668

Underscore InOut

It's in the Optics

Straight and curved lines on flat surfaces with the SIDE BEND version (16mm-10mm)



Side Bend



Top Bend

Straight lines on flat and curved surfaces with the TOP BEND version (16mm)

Uniformity

The front part is characterized by a diffusing opal finish to ensure maximum uniformity over the entire light emitting surface. Absence of shadow zones thanks to cable positioning at the rear or the side



Underscore InOut
Perfect lighting uniformity



Other products
Gap in the lighting effect

Reliability for Better Light

Reliable performance even under extreme conditions. Patented to protect Leds and retain features unchanged over time.

- 1 High performance polymer with double white/opal finish
- 2 IP 68 connector with secure block
- 3 Air chamber
- 4 Splint System
Metallic sheath to absorb mechanical stresses
- 5 Free LED circuit protected against thermal and mechanical stress..



L80 B20

Reliable performance of the LED

Underscore InOut guarantees the life declared with B20.

E.g.: Underscore InOut White

Top Bend has a lifespan of:

53,000 hours L80 B20 (Ta 25°C)

50,000 hours L80 B20 (Ta 40°C)

** value for colour with shorter lifespan calculated with simultaneous individual RGB ON at maximum intensity. On request, we can provide values for individual lifespans for each RGB colour or the average value of the three colours.

Total flammability resistance.

Underscore InOut is highly reliable even in the event of fire, since it complies with glow-wire test at 960°. Similar products in polyurethane or PVC, on the other hand, are already non-compliant at 850°C. All products are in any case compliant at 650°C as indicated by the Standard.

Glow-wire test at 960°C
Reliability in the event of fire / standard flammability
EN 60598 -1:2015



	iGuzzini Underscore InOut complies at 960 °C
	Company A Polyurethane does not comply at 850°C
	Company B Polyurethane does not comply at 850°C
	Company C PVC does not comply at 960°C

Reliability of performances even at extreme temperatures

Tests in a climatic chamber (IMQ/UL/CQCC certified laboratory) demonstrate that Underscore InOut remains operative even at extreme temperatures, from -30°C to +45°C, with no thermal shrinkage or expansion when installed with a clip or profile. It also retains maximum flexibility even at -30° C.



UV Test / Reliability of the material

The European Quality Institute tested Underscore InOut and other similar systems in other materials. After 2 years of exposure, PVC turns yellow. After 12 years, our material still has the same finishing, thereby ensuring the same efficiency and colour temperature. Standard ISO 11507:2007

	0 years	2.5 years	12.5 years
iGuzzini - Underscore InOut			
Company A - Polyurethane			
Company B - Polyurethane			
Company C - PVC			

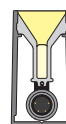
Underscore InOut

Side bend

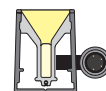
Side-Bend strips create straight and curved lines on flat surfaces. Three widths are available: 10mm-16mm. Low or high profiles in aluminium in relation to the side or rear position of the output cable.



Side bend 10
Low profile
(h 25 mm)



Side bend 16
High profile
(h 31 mm)



Side bend 16
Low profile
(h 26 mm)

Curvature

It is advisable not to exceed the minimum 15mm radius of curvature indicated, for 16mm-10mm versions.



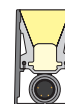
Side Bend 6
Curvature radius = 6.5 cm



Side Bend 10 - 16
Curvature radius = 15 cm

Top bend

Top-Bend strips create rectilinear lines on flat or curved surfaces. Width is 16 mm. Low or high profiles in aluminium in relation to the side or rear position of the output cable.



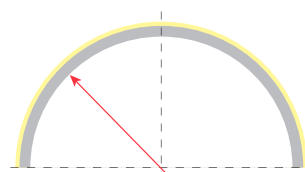
Top bend 16x20
High profile
(h 31 mm)



Top bend 16x20
Low profile
(h 26 mm)

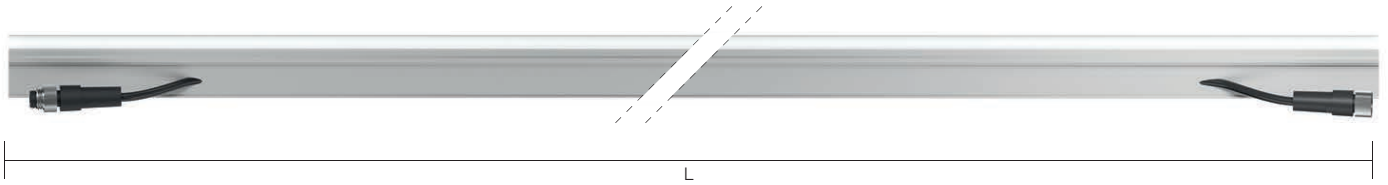
Curvature

It is advisable not to exceed the minimum radius of curvature indicated of 25cm.



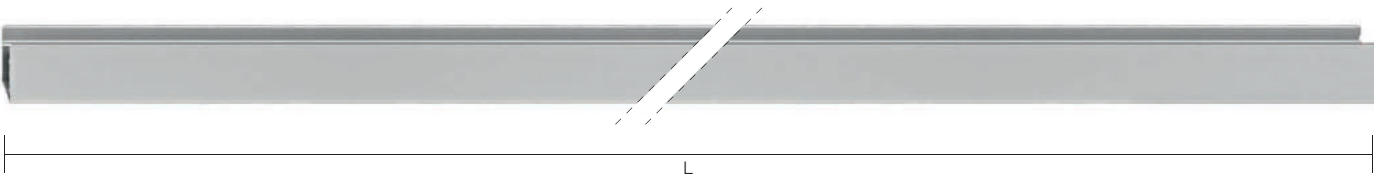
Top Bend 16
Curvature radius = 25 cm

Side / Top Strip Lengths



L = 254 / 304 / 354 / 404 / 454 / 504 / 554 / 604 / 654 / 704 / 754 / 804 / 854 / 904 / 954 / 1004 / 2004 / 3004 / 4004 / 5004 / 7004 mm

Profile Lengths



High profile
L = 1000 / 2000 mm

Low profile
L = 250 / 500 / 1000 / 2000 mm

Intermediate low profile
L = 998 / 1787 / 1997 / mm

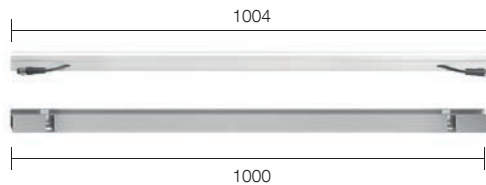
Heads with slot for side exit for
L = 104 mm connectors

High clip
L = 40 mm ++

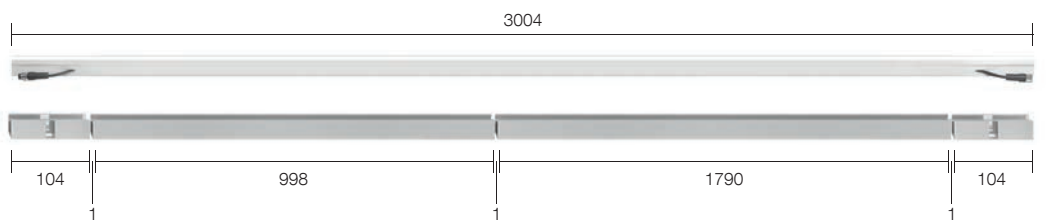
Low clip
L = 40 mm ++

Aggregation

Strip 254 / 504 / 1004/ 2004 mm
Aggregation example for strip
L = 1004:
Profile with slots 1000 mm

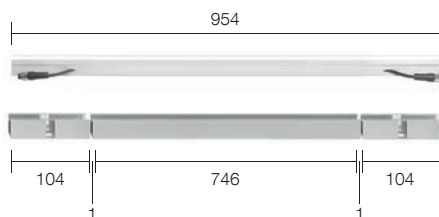


Strip 3004 mm
Intermediate profiles L = 998+1790
Strip 4004 mm
Intermediate profiles L = 1790+1998
Strip 5004 mm
Intermediate profiles
L = 998+1790+1998
Strip 7004 mm
Intermediate profiles
L = 1998+1198+1790+998



For each composition add a pair of 104 mm caps

Strip from 354 to 954 mm (excluding 504 mm)
Example of aggregation
for strip L = 954:
Intermediate profile L = 998
(L-shaped = 746)



For each composition add a pair of 104 mm caps

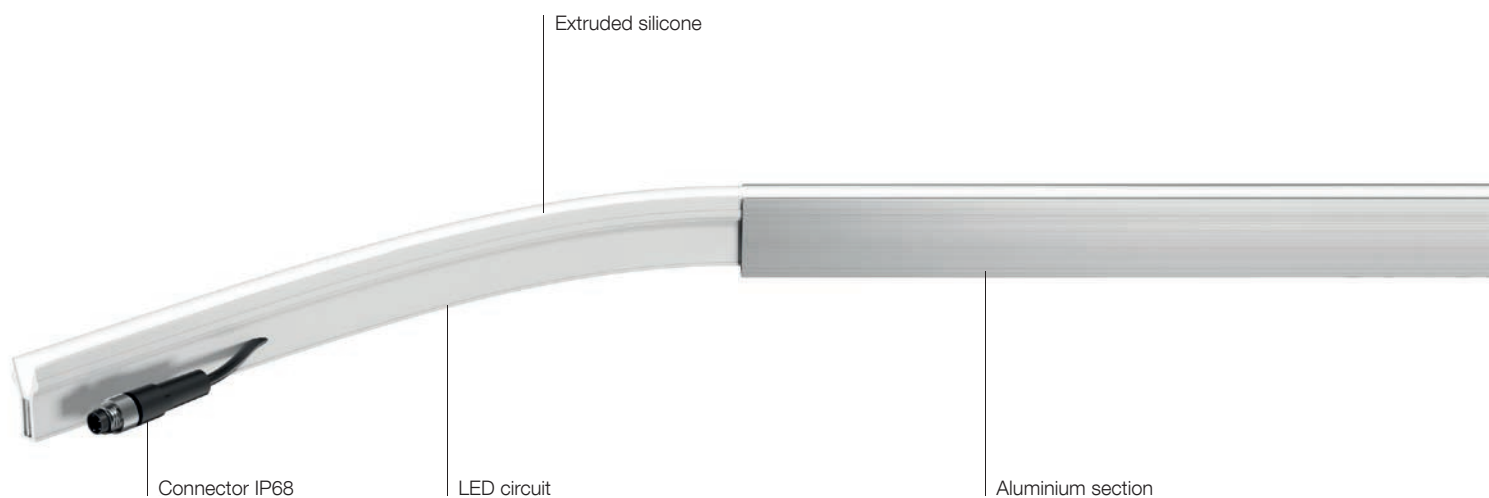
Formula for calculating the length of the intermediate profile
Profile L = 954 mm (strip) - 104x2 mm (heads) + 1x2 mm (expansion tolerance)

Underscore InOut

Side Bend 10

Award

ArchiExpo i-NOVO



Explore and interact with products in 3D.
thelightexperience.iguzzini.com



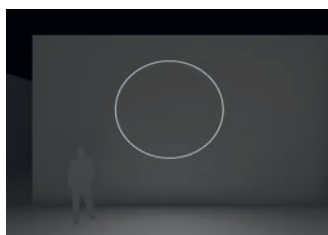
- Linear luminaire with monochromatic (2500K-2900K-3800K-4500K) or RGB LEDs.
- Surface installation with profiles (straight lines) or clips (curved lines).
- Implemented on a 24Vdc white flexible circuit with lengths from 254 mm to 7004 mm (21 possible combinations).
- The PWM LED circuit is fully IP68 encapsulated with a very high performance white (external) and opal (emitting surface) polymer

- sheath: the material can be used and installed even at extreme temperatures: 30 ° C + 45 ° C.
- Uniform lighting without visible points is assured along the entire profile of the strip as far as the terminal parts.
- Complete with L = 80 mm cables with IP68 male and female connectors fitted with anti-release ring nuts.
- Resistant to brine, UV rays and solvents.

- IK10 impact resistance
- Contact temperature <40°.
- IP68 protection for product and cable alike using IP68 connectors. The product is not considered suitable for installation in swimming pools and fountains.

Lighting effects

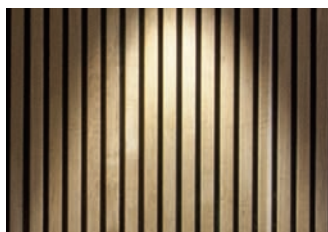
A pen of light to underscore flat surfaces of any dimension with various signs. Straight or curved, white or coloured lines leave a discreet, precise graphic sign on architecture.



Colour temperature



2500K



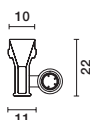
2900K



3800K

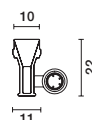


4500K

01
WHITE

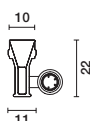
W	lm	length	code colour
2500K - 24Vdc			
LED			
2500K - CRI 80 - PWM			
2,1W	75	254	EA08 01
2,6W	90	304	EA09 01
3W	105	354	EA10 01
3,4W	120	404	EA11 01
3,8W	135	454	EA12 01
4,3W	150	504	EA13 01
4,7W	165	554	EA14 01
5,1W	180	604	EA15 01
5,5W	195	654	EA16 01
6W	210	704	EA17 01
6,4W	225	754	EA18 01
6,8W	240	804	EA19 01
7,2W	255	854	EA20 01
7,7W	270	904	EA21 01
8,1W	285	954	EA22 01
8,5W	300	1004	EA23 01
17W	600	2004	EA24 01
25,5W	900	3004	EA25 01
34W	1200	4004	EA26 01
42,5W	1500	5004	EA27 01
59,5W	2100	7004	EA28 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



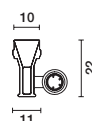
W	lm	length	code colour
2900K - 24Vdc			
LED			
2900K - CRI 80 - PWM			
2,1W	75	254	E575 01
2,6W	90	304	E576 01
3W	105	354	E577 01
3,4W	120	404	E578 01
3,8W	135	454	E579 01
4,3W	150	504	E580 01
4,7W	165	554	E581 01
5,1W	180	604	E582 01
5,5W	195	654	E583 01
6W	210	704	E584 01
6,4W	225	754	E585 01
6,8W	240	804	E586 01
7,2W	255	854	E587 01
7,7W	270	904	E588 01
8,1W	285	954	E589 01
8,5W	300	1004	E590 01
17W	600	2004	E591 01
25,5W	900	3004	E592 01
34W	1200	4004	E593 01
42,5W	1500	5004	E594 01
59,5W	2100	7004	E595 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
3800K - 24Vdc			
LED			
3800K - CRI 80 - PWM			
2,1W	82,5	254	E596 01
2,6W	99	304	E597 01
3W	115,5	354	E598 01
3,4W	132	404	E599 01
3,8W	148,5	454	E600 01
4,3W	165	504	E601 01
4,7W	181,5	554	E602 01
5,1W	198	604	E603 01
5,5W	214,5	654	E604 01
6W	231	704	E605 01
6,4W	247,5	754	E606 01
6,8W	264	804	E607 01
7,2W	280,5	854	E608 01
7,7W	297	904	E609 01
8,1W	313,5	954	E610 01
8,5W	330	1004	E611 01
17W	660	2004	E612 01
25,5W	990	3004	E613 01
34W	1320	4004	E614 01
42,5W	1650	5004	E615 01
59,5W	2310	7004	E616 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
4600K - 24Vdc			
LED			
4600K - CRI 80 - PWM			
2,1W	75	254	E617 01
2,6W	90	304	E618 01
3W	105	354	E619 01
3,4W	120	404	E620 01
3,8W	135	454	E621 01
4,3W	150	504	E622 01
4,7W	165	554	E623 01
5,1W	180	604	E624 01
5,5W	195	654	E625 01
6W	210	704	E626 01
6,4W	225	754	E627 01
6,8W	240	804	E628 01
7,2W	255	854	E629 01
7,7W	270	904	E630 01
8,1W	285	954	E631 01
8,5W	300	1004	E632 01
17W	600	2004	E633 01
25,5W	900	3004	E634 01
34W	1200	4004	E635 01
42,5W	1500	5004	E636 01
59,5W	2100	7004	E637 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Data refer to the luminous flux emitted by the system.

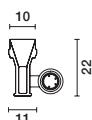
Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

Underscore InOut

Side Bend 10



01
WHITE

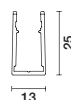


W	lm	length	code colour
RGB - 24Vdc			
LED			
RGB - PWM			
2,2W	16,8	254	E638 01
2,6W	20,1	304	E639 01
3,1W	23,5	354	E640 01
3,5W	26,8	404	E641 01
4W	30,2	454	E642 01
4,4W	33,5	504	E643 01
4,8W	36,9	554	E644 01
5,3W	40,2	604	E645 01
5,7W	43,6	654	E646 01
6,2W	46,9	704	E647 01
6,6W	50,3	754	E648 01
7W	53,6	804	E649 01
7,5W	57	854	E650 01
7,9W	60,3	904	E651 01
8,4W	63,7	954	E652 01
8,8W	67	1004	E653 01
17,6W	134	2004	E654 01
26,4W	201	3004	E655 01
35,2W	268	4004	E656 01
44W	335	5004	E657 01
61,6W	469	7004	E658 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

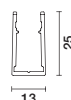
Underscore InOut can be connected in sequence up to a maximum of L=7004 mm. Depending on the type of power supply, Underscore connections can be made in parallel, each with a maximum length of L = 7004 mm; they can also be installed in a continuous row (see instruction sheet).

profiles and clip



length	code colour
Linear profile	
Module	
250	X148 12
500	X149 12
1000	X150 12
2000	X151 12

With 2 slots for the side exit of the connectors.



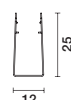
length	code colour
Intermediate linear profile	
Module	
998	X153 12
1790	X154 12
1998	X155 12

Without slots
To be ordered with the end profiles (refer to the instructions sheet)



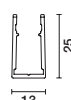
length	code colour
Pair of end linear profiles	
Module	
104	X152 12

With 1 slot for the side exit of the connector.
To be ordered with the intermediate profiles (refer to the instructions sheet)



length	code colour
Stainless steel support clip	
Module	
40	X156 13

For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.



length	code colour
Anodised aluminium support clip	
Module	
40	X157 12





























For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Data refer to the luminous flux emitted by the system.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.



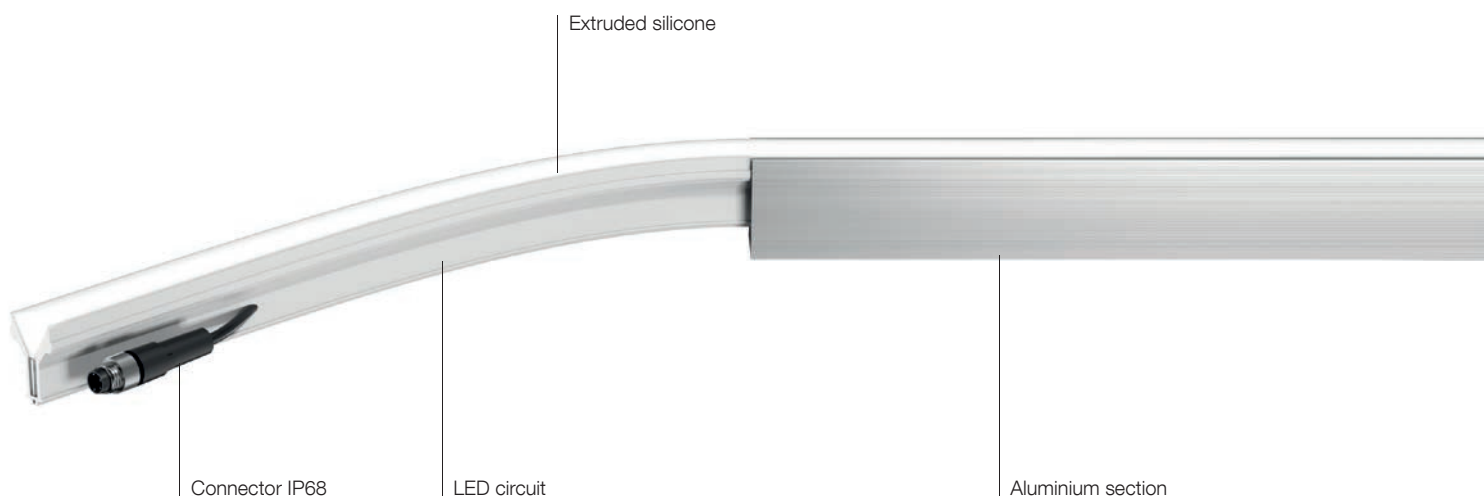
Control gear	code	colour	Interfaces & remote units	code	colour	Power supply	code	colour
 IP67 box for power supply			 4-channel LED Driver with DALI-DMX 720W controller			 Constant voltage power supply unit IP20 96W		
dim. 140x230x95h (6PG)	9582	00	VIN=12÷48Vdc VOUT=5-12-24-48V	9639	00	VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22	MZ14	00
dim. 280x190x130h (10PG)	BZ33	00	 PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3	00	 Constant voltage power supply unit non dimmable track DIN 120W		
						VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	BZK0	00
 Cable with female connector for monochromatic LEDs IP68 With anti-detachment locknut			Power supply			 Constant voltage power supply unit non dimmable track DIN 240W		
L=115	X168	04	 Electronic constant tension power supply 50W 24V			VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	PC15	00
L=1500	X169	04						
L=3000	X170	04	 Electronic constant tension power supply 70W 24V					
L=5000	X171	04	IOUT=2,9A dim. 225x60x36h	MWK4	00			
 Cable with female connector for RGB IP68 With anti-detachment locknut			 Constant voltage power supply unit non dimmable IP67 40W			 Constant voltage power supply unit non dimmable track DIN 240W		
L=115	X174	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions:171x61,5x36,8	X182	00	VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	PC16	00
L=1500	X175	04						
L=3000	X176	04	 Constant voltage power supply unit non dimmable IP67 80W					
L=5000	X177	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8	X183	00	 Constant current power supply unit non dimmable track DIN 10W	9908	00
						VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93		
 Cable with male connector for monochromatic LEDs IP68 With anti-detachment locknut			 Constant voltage power supply unit non dimmable IP67 120W			 Constant voltage power supply unit non dimmable track DIN 24W		
L=115	X172	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8	X184	00	VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909	00
L=1500	X173	04						
 Cable with male connector for RGB IP68 With anti-detachment locknut			 Constant voltage power supply unit non dimmable IP67 185W			 Constant voltage power supply unit non dimmable track DIN 72W		
L=115	X178	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8	X185	00	VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9910	00
L=1500	X179	04						
 2-way junction connector - IP68	X188	00	 Constant voltage power supply unit non dimmable IP67 240W			 Constant voltage power supply unit non dimmable track DIN 96W		
			VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8	X186	00	VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105	9911	00
 4-way junction connector - IP68	X189	00	 Constant voltage power supply unit non dimmable IP67 320W			 Constant voltage power supply unit non dimmable track DIN 480W		
			VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions:252x90x43,8	X187	00	VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	BZK1	00
 Cap kit for IP68 connectors 10 units With anti-detachment band			 Constant voltage power supply unit DALI IP20 100W					
Female	X181	04	VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30	MZ15	00			
male	X180	04						

Underscore InOut

Side Bend 16

Award

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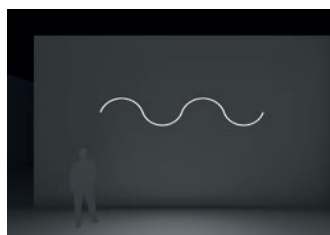
- Linear luminaire with monochromatic (2500K-2900K-3800K-4500K), RGB or Tunable White LEDs.
- Surface installation with profiles (straight lines) or clips (curved lines).
- Implemented on a 24Vdc white flexible circuit with lengths from 254 mm to 7004 mm (21 possible combinations).
- The PWM LED circuit is fully IP68 encapsulated with a very high performance white (external) and

- opal (emitting surface) polymer sheath: the material can be used and installed even at extreme temperatures: 30 ° C + 45 ° C.
- Uniform lighting without visible points is assured along the entire profile of the strip as far as the terminal parts.
- Complete with L = 80 mm cables with IP68 male and female connectors fitted with anti-release ring nuts.
- Complete with stainless steel wires

- to limit plastic deformation of the body that may otherwise damage the LED circuit.
- Resistant to brine, UV rays and solvents.
- IK10 impact resistance
- Contact temperature <40°.
- IP68 protection for product and cable alike using IP68 connectors. The product is not considered suitable for installation in swimming pools and fountains.

Lighting effects

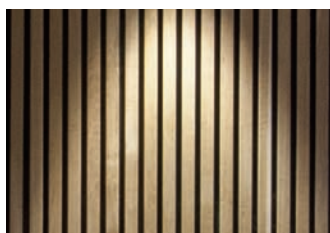
The Side - 16mm version creates a striking graphic sign on architecture through straight or curved, white or coloured lines that mark a flat surface.



Colour temperature



2500K



2800K



3500K



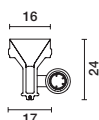
4500K

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WHITE

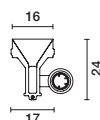
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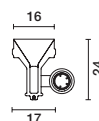
W	lm	length	code colour
2500K - 24Vdc			
LED			
2500K - CRI 80 - PWM			
2,1W	71,3	254	EA29 01
2,6W	85,5	304	EA30 01
3W	99,8	354	EA31 01
3,4W	114	404	EA32 01
3,8W	128,3	454	EA33 01
4,3W	142,5	504	EA34 01
4,7W	156,8	554	EA35 01
5,1W	171	604	EA36 01
5,5W	185,3	654	EA37 01
6W	199,5	704	EA38 01
6,4W	213,8	754	EA39 01
6,8W	228	804	EA40 01
7,2W	242,3	854	EA41 01
7,7W	256,5	904	EA42 01
8,1W	270,8	954	EA43 01
8,5W	285	1004	EA44 01
17W	570	2004	EA45 01
25,5W	855	3004	EA46 01
34W	1140	4004	EA47 01
42,5W	1425	5004	EA48 01
59,5W	1995	7004	EA49 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

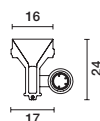
W	lm	length	code colour
2900K - 24Vdc			
LED			
2900K - CRI 80 - PWM			
2,1W	71,3	254	E491 01
2,6W	85,5	304	E492 01
3W	99,8	354	E493 01
3,4W	114	404	E494 01
3,8W	128,3	454	E495 01
4,3W	142,5	504	E496 01
4,7W	156,8	554	E497 01
5,1W	171	604	E498 01
5,5W	185,3	654	E499 01
6W	199,5	704	E500 01
6,4W	213,8	754	E501 01
6,8W	228	804	E502 01
7,2W	242,3	854	E503 01
7,7W	256,5	904	E504 01
8,1W	270,8	954	E505 01
8,5W	285	1004	E506 01
17W	570	2004	E507 01
25,5W	855	3004	E508 01
34W	1140	4004	E509 01
42,5W	1425	5004	E510 01
59,5W	1995	7004	E511 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

W	lm	length	code colour
3800K - 24Vdc			
LED			
3800K - CRI 80 - PWM			
2,1W	77,5	254	E512 01
2,6W	93	304	E513 01
3W	108,5	354	E514 01
3,4W	124	404	E515 01
3,8W	139,5	454	E516 01
4,3W	155	504	E517 01
4,7W	170,5	554	E518 01
5,1W	186	604	E519 01
5,5W	201,5	654	E520 01
6W	217	704	E521 01
6,4W	232,5	754	E522 01
6,8W	248	804	E523 01
7,2W	263,5	854	E524 01
7,7W	279	904	E525 01
8,1W	294,5	954	E526 01
8,5W	310	1004	E527 01
17W	620	2004	E528 01
25,5W	930	3004	E529 01
34W	1240	4004	E530 01
42,5W	1550	5004	E531 01
59,5W	2170	7004	E532 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

W	lm	length	code colour
4600K - 24Vdc			
LED			
4600K - CRI 80 - PWM			
2,1W	70	254	E533 01
2,6W	84	304	E534 01
3W	98	354	E535 01
3,4W	112	404	E536 01
3,8W	126	454	E537 01
4,3W	140	504	E538 01
4,7W	154	554	E539 01
5,1W	168	604	E540 01
5,5W	182	654	E541 01
6W	196	704	E542 01
6,4W	210	754	E543 01
6,8W	224	804	E544 01
7,2W	238	854	E545 01
7,7W	252	904	E546 01
8,1W	266	954	E547 01
8,5W	280	1004	E548 01
17W	560	2004	E549 01
25,5W	840	3004	E550 01
34W	1120	4004	E551 01
42,5W	1400	5004	E552 01
59,5W	1960	7004	E553 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Data refer to the luminous flux emitted by the system.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

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Underscore InOut

Side Bend 16

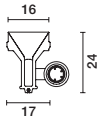


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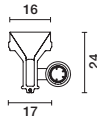
W	lm	length	code colour
RGB - 24Vdc			
LED			
RGB - PWM			
2,2W	14,5	254	E554 01
2,6W	17,4	304	E555 01
3,1W	20,3	354	E556 01
3,5W	23,2	404	E557 01
4W	26,1	454	E558 01
4,4W	29	504	E559 01
4,8W	31,9	554	E560 01
5,3W	34,8	604	E561 01
5,7W	37,7	654	E562 01
6,2W	40,6	704	E563 01
6,6W	43,5	754	E564 01
7W	46,4	804	E565 01
7,5W	49,3	854	E566 01
7,9W	52,2	904	E567 01
8,4W	55,1	954	E568 01
8,8W	58	1004	E569 01
17,6W	116	2004	E570 01
26,4W	174	3004	E571 01
35,2W	232	4004	E572 01
44W	290	5004	E573 01
61,6W	406	7004	E574 01



24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.




W	lm	length	code colour
Tunable white 2500K÷4500K - 24Vdc			
LED			
Tunable White - PWM			
2,2W	81,9	254	EA71 01
2,6W	98,3	304	EA72 01
3,1W	114,7	354	EA73 01
3,5W	131,1	404	EA74 01
4W	147,5	454	EA75 01
4,4W	163,9	504	EA76 01
4,8W	180,2	554	EA77 01
5,3W	196,6	604	EA78 01
5,7W	213	654	EA79 01
6,1W	229,4	704	EA80 01
6,6W	245,8	754	EA81 01
7W	262,2	804	EA82 01
7,5W	278,5	854	EA83 01
7,9W	294,9	904	EA84 01
8,3W	311,3	954	EA85 01
8,8W	327,7	1004	EA86 01
18W	655,4	2004	EA87 01
26W	983,1	3004	EA88 01
35W	1310,8	4004	EA89 01
44W	1638,5	5004	EA90 01
61W	2293,9	7004	EA91 01



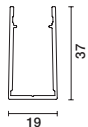

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

profiles and clip



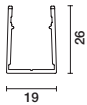

length	code colour
High linear profile	
Module	
1000	X143 12
2000	X144 12

With seating for hidden connector.
For all lengths (cut to size).
Allows the connector to be hidden in the lower part of the profile.

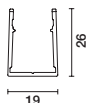
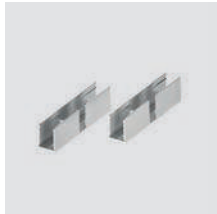
length	code colour
Low linear profile	
Module	
250	X133 12
500	X134 12
1000	X135 12
2000	X136 12

With 2 slots for the side exit of the connectors

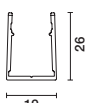
length	code colour
Intermediate low linear profile	
Module	
998	X138 12
1790	X139 12
1998	X140 12

Without slots
To be ordered with the end profiles (refer to the instructions sheet)

length	code colour
Pair of low end linear profiles	
Module	
104	X137 12

With 1 slot for the side exit of the connector.
To be ordered with the intermediate profiles (refer to the instructions sheet)

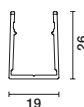
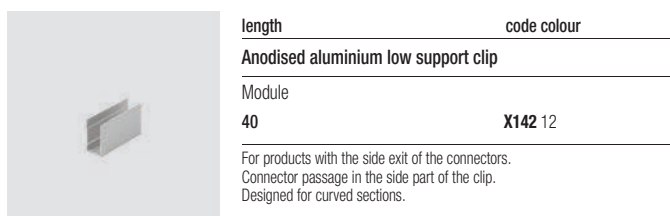
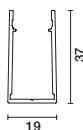
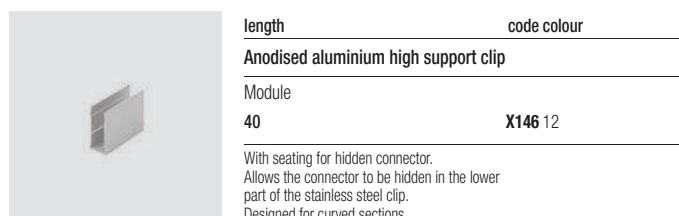
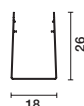
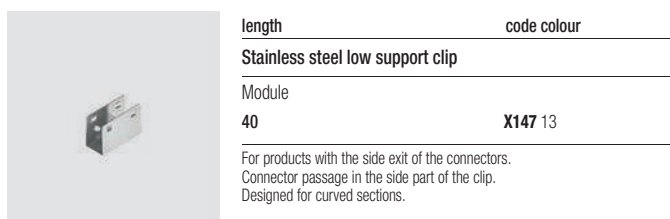
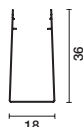
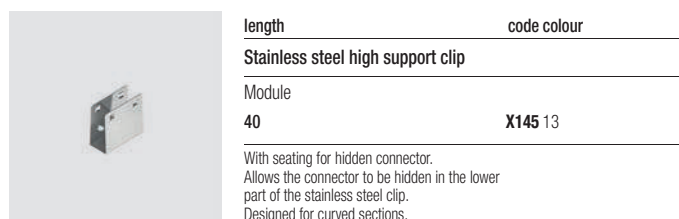


Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Data refer to the luminous flux emitted by the system.
Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

01
WHITE

profiles and clip






Control gear	code	colour
IP67 box for power supply		
dim. 140x230x95h (6PG)	9582	00
	Unit for power supplies 9912-BZK1-MWK4-MWK5	
dim. 280x190x130h (10PG)	BZ33	00
Cable with female connector IP68 for versions with LED tunable white		
L=115	X288	04
L=1500	X289	04
L=3000	X290	04
L=5000	X291	04
Cable with female connector for monochromatic LEDs IP68 With anti-detachment locknut		
L=115	X168	04
L=1500	X169	04
L=3000	X170	04
L=5000	X171	04

Control gear	code	colour
Cable with female connector for RGB IP68 With anti-detachment locknut		
L=115	X174	04
L=1500	X175	04
L=3000	X176	04
L=5000	X177	04
Cable with male connector IP68 for versions with LED tunable white		
L=115	X292	04
L=1500	X293	04
Cable with male connector for monochromatic LEDs IP68 With anti-detachment locknut		
L=115	X172	04
L=1500	X173	04

Control gear	code	colour
Cable with male connector for RGB IP68 With anti-detachment locknut		
L=115	X178	04
L=1500	X179	04
2-way junction connector - IP68	X188	00
	possible connection of max. 2 outgoing cables with connectors	
4-way junction connector - IP68	X189	00
	possible connection of max. 6 outgoing cables with connectors	
Cap kit for IP68 connectors 10 units With anti-detachment band		
Female	X181	04
male	X180	04
Interfaces & remote units	code	colour
4-channel LED Driver with DALI-DMX 720W controller		
VIN=12-48Vdc VOUT=5-12-24-48V	9639	00
PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3	00

Underscore InOut

Side Bend 16

Power supply	code	colour	Power supply	code	colour	Power supply	code	colour
 Electronic constant tension power supply 50W 24V Iout=2A dim. 225x60x36h	MWK4	00	 Constant voltage power supply unit non dimmable IP67 320W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions:252x90x43,8	X187	00	 Constant current power supply unit non dimmable track DIN 10W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93	9908	00
 Electronic constant tension power supply 70W 24V IOUt=2,9A dim. 225x60x36h	MWK5	00	 Constant voltage power supply unit DALI IP20 100W VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30	MZ15	00	 Constant voltage power supply unit non dimmable track DIN 24W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909	00
 Constant voltage power supply unit non dimmable IP67 40W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions:171x61,5x36,8	X182	00	 Constant voltage power supply unit IP20 96W VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22	MZ14	00	 Constant voltage power supply unit non dimmable track DIN 72W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9910	00
 Constant voltage power supply unit non dimmable IP67 80W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8	X183	00	 Constant voltage power supply unit non dimmable track DIN 120W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	BZK0	00	 Constant voltage power supply unit non dimmable track DIN 96W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105	9911	00
 Constant voltage power supply unit non dimmable IP67 120W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8	X184	00	 Constant voltage power supply unit non dimmable track DIN 240W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912	00	 Constant voltage power supply unit non dimmable track DIN 480W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	BZK1	00
 Constant voltage power supply unit non dimmable IP67 185W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8	X185	00	 Constant voltage power supply unit non dimmable track DIN 240W VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	PC15	00	 Constant voltage power supply unit non dimmable track DIN 480W VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	PC17	00
 Constant voltage power supply unit non dimmable IP67 240W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8	X186	00		PC16	00			



Page.660
Headquarter DIGI&MET Danieli Automation - Buttrio, Italy
 Client: Danieli Automation Spa
 Architectural Project: Arch. Carlo Mingotti
 Photo: Eye Studio, courtesy of Danieli Automation

Page.661
Museum dedicated to the Second World War - Gdansk, Poland
 Architectural project: Kwadrat / Loft
 Lighting project: Loft / Praxis
 Photo: Tomasz Kurek

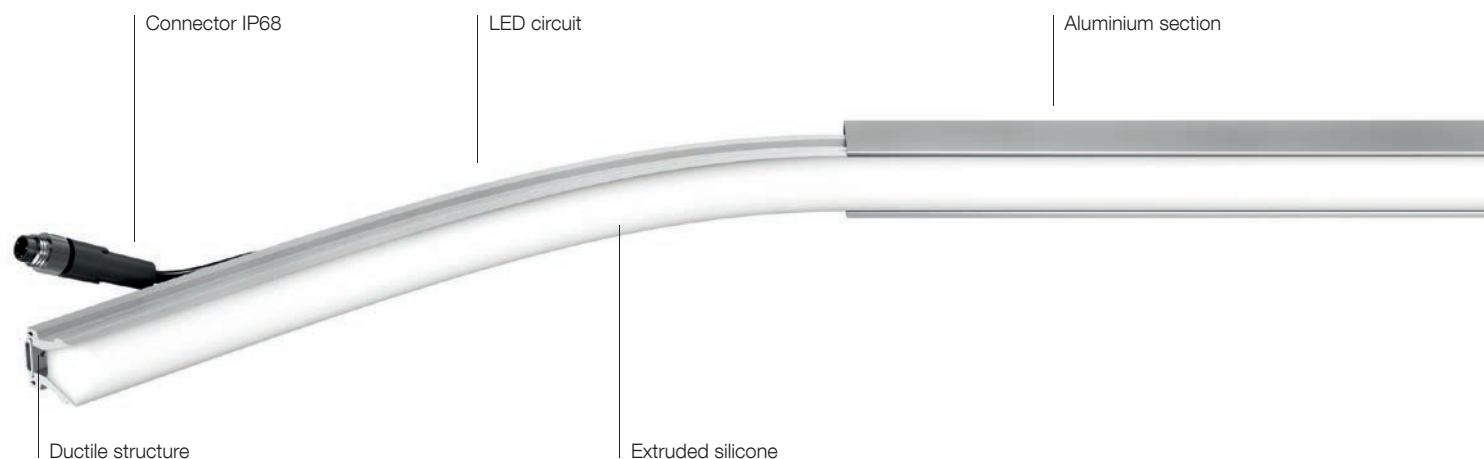


Underscore InOut

Top Bend 16

Award

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- Linear lighting equipment with monochrome (2500K→4500K), RGB or Tunable white LEDs.
- High-output versions available with more powerful luminous flux (higher lm/W).
- Surface installation with profiles (straight lines) or clips (curved lines).
- Implemented on a 24Vdc white flexible circuit with lengths from 254 mm to 7004 mm (21 possible combinations).
- The PWM LED circuit is fully IP68

- encapsulated with a very high performance white (external) and opal (emitting surface) polymer sheath: the material can be used and installed even at extreme temperatures: 30 ° C + 45 ° C.
- Uniform lighting without visible points is assured along the entire profile of the strip as far as the terminal parts.
- Complete with L = 80 mm cables with IP68 male and female connectors fitted with anti-release ring nuts.

- Complete with stainless steel wires to limit plastic deformation of the body that may otherwise damage the LED circuit.
- Resistant to brine, UV rays and solvents.
- IK10 impact resistance
- Contact temperature <40°.
- IP68 protection for product and cable alike using IP68 connectors. The product is not considered suitable for installation in swimming pools and fountains.

Lighting effects

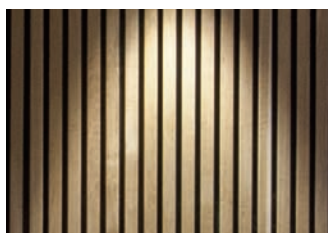
A continuous line of white or coloured light follows the surface direction.



Colour temperature



2500K



2800K



3500K



4500K



01
WHITE



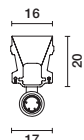
W	lm	length	code colour
2500K - 24Vdc			
LED			
2500K - CRI 80 - PWM			
2,1W	68,8	254	EA50 01
2,6W	82,5	304	EA51 01
3W	96,3	354	EA52 01
3,4W	110	404	EA53 01
3,8W	123,8	454	EA54 01
4,3W	137,5	504	EA55 01
4,7W	151,3	554	EA56 01
5,1W	165	604	EA57 01
5,5W	178,8	654	EA58 01
6W	192,5	704	EA59 01
6,4W	206,3	754	EA60 01
6,8W	220	804	EA61 01
7,2W	233,8	854	EA62 01
7,7W	247,5	904	EA63 01
8,1W	261,3	954	EA64 01
8,5W	275	1004	EA65 01
17W	550	2004	EA66 01
25,5W	825	3004	EA67 01
34W	1100	4004	EA68 01
42,5W	1375	5004	EA69 01
59,5W	1925	7004	EA70 01



24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
2900K - 24Vdc			
LED			
2900K - CRI 80 - PWM			
2,1W	68,8	254	E407 01
2,6W	82,5	304	E408 01
3W	96,3	354	E409 01
3,4W	110	404	E410 01
3,8W	123,8	454	E411 01
4,3W	137,5	504	E412 01
4,7W	151,3	554	E413 01
5,1W	165	604	E414 01
5,5W	178,8	654	E415 01
6W	192,5	704	E416 01
6,4W	206,3	754	E417 01
6,8W	220	804	E418 01
7,2W	233,8	854	E419 01
7,7W	247,5	904	E420 01
8,1W	261,3	954	E421 01
8,5W	275	1004	E422 01
17W	550	2004	E423 01
25,5W	825	3004	E424 01
34W	1100	4004	E425 01
42,5W	1375	5004	E426 01
59,5W	1925	7004	E427 01



24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
3800K - 24Vdc			
LED			
3800K - CRI 80 - PWM			
2,1W	75	254	E428 01
2,6W	90	304	E429 01
3W	105	354	E430 01
3,4W	120	404	E431 01
3,8W	135	454	E432 01
4,3W	150	504	E433 01
4,7W	165	554	E434 01
5,1W	180	604	E435 01
5,5W	195	654	E436 01
6W	210	704	E437 01
6,4W	225	754	E438 01
6,8W	240	804	E439 01
7,2W	255	854	E440 01
7,7W	270	904	E441 01
8,1W	285	954	E442 01
8,5W	300	1004	E443 01
17W	600	2004	E444 01
25,5W	900	3004	E445 01
34W	1200	4004	E446 01
42,5W	1500	5004	E447 01
59,5W	2100	7004	E448 01



24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
4500K - 24Vdc			
LED			
4500K - CRI 80 - PWM			
2,1W	82,5	254	E449 01
2,6W	99	304	E450 01
3W	115,5	354	E451 01
3,4W	132	404	E452 01
3,8W	148,5	454	E453 01
4,3W	165	504	E454 01
4,7W	181,5	554	E455 01
5,1W	198	604	E456 01
5,5W	214,5	654	E457 01
6W	231	704	E458 01
6,4W	247,5	754	E459 01
6,8W	264	804	E460 01
7,2W	280,5	854	E461 01
7,7W	297	904	E462 01
8,1W	313,5	954	E463 01
8,5W	330	1004	E464 01
17W	660	2004	E465 01
25,5W	990	3004	E466 01
34W	1320	4004	E467 01
42,5W	1650	5004	E468 01
59,5W	2310	7004	E469 01



24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Data refer to the luminous flux emitted by the system.
Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

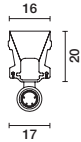
Underscore InOut

Top Bend 16



01
WHITE

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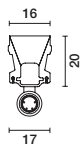
W	lm	length	code colour
RGB - 24Vdc			
LED			
RGB - PWM			
2,2W	29	254	E470 01
2,6W	34,8	304	E471 01
3,1W	40,6	354	E472 01
3,5W	46,4	404	E473 01
4W	52,2	454	E474 01
4,4W	58	504	E475 01
4,8W	63,8	554	E476 01
5,3W	69,6	604	E477 01
5,7W	75,4	654	E478 01
6,2W	81,2	704	E479 01
6,6W	87	754	E480 01
7W	92,8	804	E481 01
7,5W	98,6	854	E482 01
7,9W	104,4	904	E483 01
8,4W	110,2	954	E484 01
8,8W	116	1004	E485 01
17,6W	232	2004	E486 01
26,4W	348	3004	E487 01
35,2W	464	4004	E488 01
44W	580	5004	E489 01
61,6W	812	7004	E490 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
Tunable white 2500K÷4500K - 24Vdc			
LED			
Tunable White - PWM			
2,3W	88,9	254	EA92 01
2,7W	106,7	304	EA93 01
3,2W	124,5	354	EA94 01
3,7W	142,3	404	EA95 01
4,1W	160,1	454	EA96 01
4,6W	177,8	504	EA97 01
5W	195,6	554	EA98 01
5,5W	213,4	604	EA99 01
5,9W	231,2	654	EB00 01
6,4W	249	704	EB01 01
6,9W	266,8	754	EB02 01
7,3W	284,5	804	EB03 01
7,8W	302,3	854	EB04 01
8,2W	320,1	904	EB05 01
8,7W	337,9	954	EB06 01
9,1W	355,7	1004	EB07 01
18W	711,4	2004	EB08 01
27W	1067	3004	EB09 01
37W	1422,7	4004	EB10 01
46W	1778,4	5004	EB11 01
64W	2489,8	7004	EB12 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
2600K - 24Vdc - High output			
LED			
2600K - CRI 80 - PWM			
2,9W	159,9	254	EB13 01
3,5W	191,8	304	EB14 01
4,1W	223,8	354	EB15 01
4,6W	255,8	404	EB16 01
5,2W	287,7	454	EB17 01
5,8W	319,7	504	EB18 01
6,4W	351,7	554	EB19 01
6,9W	383,6	604	EB20 01
7,5W	415,6	654	EB21 01
8,1W	447,6	704	EB22 01
8,7W	479,6	754	EB23 01
9,3W	511,5	804	EB24 01
9,8W	543,5	854	EB25 01
10W	575,5	904	EB26 01
11W	607,4	954	EB27 01
12W	639,4	1004	EB28 01
23W	1278,8	2004	EB29 01
35W	1918,2	3004	EB30 01
46W	2557,6	4004	EB31 01
58W	3197	5004	EB32 01
81W	4475,8	7004	EB33 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
2800K - 24Vdc - High output			
LED			
2800K - CRI 80 - PWM			
2,9W	162	254	EB34 01
3,5W	194,4	304	EB35 01
4,1W	226,8	354	EB36 01
4,6W	259,2	404	EB37 01
5,2W	291,6	454	EB38 01
5,8W	324	504	EB39 01
6,4W	356,4	554	EB40 01
6,9W	388,8	604	EB41 01
7,5W	421,2	654	EB42 01
8,1W	453,6	704	EB43 01
8,7W	486	754	EB44 01
9,3W	518,4	804	EB45 01
9,8W	550,8	854	EB46 01
10W	583,2	904	EB47 01
11W	615,6	954	EB48 01
12W	648	1004	EB49 01
23W	1296	2004	EB50 01
35W	1944	3004	EB51 01
46W	2592	4004	EB52 01
58W	3240	5004	EB53 01
81W	4536	7004	EB54 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



01
WHITE



W	lm	length	code colour
3600K - 24Vdc - High output			
LED			
3600K - CRI 80 - PWM			
2,9W	162,5	254	EB55 01
3,5W	195	304	EB56 01
4,1W	227,5	354	EB57 01
4,6W	260	404	EB58 01
5,2W	292,5	454	EB59 01
5,8W	325,1	504	EB60 01
6,4W	357,6	554	EB61 01
6,9W	390,1	604	EB62 01
7,5W	422,6	654	EB63 01
8,1W	455,1	704	EB64 01
8,7W	487,6	754	EB65 01
9,3W	520,1	804	EB66 01
9,8W	552,6	854	EB67 01
10W	585,1	904	EB68 01
11W	617,6	954	EB69 01
12W	650,1	1004	EB70 01
23W	1300,2	2004	EB71 01
35W	1950,3	3004	EB72 01
46W	2600,4	4004	EB73 01
58W	3250,5	5004	EB74 01
81W	4550,7	7004	EB75 01

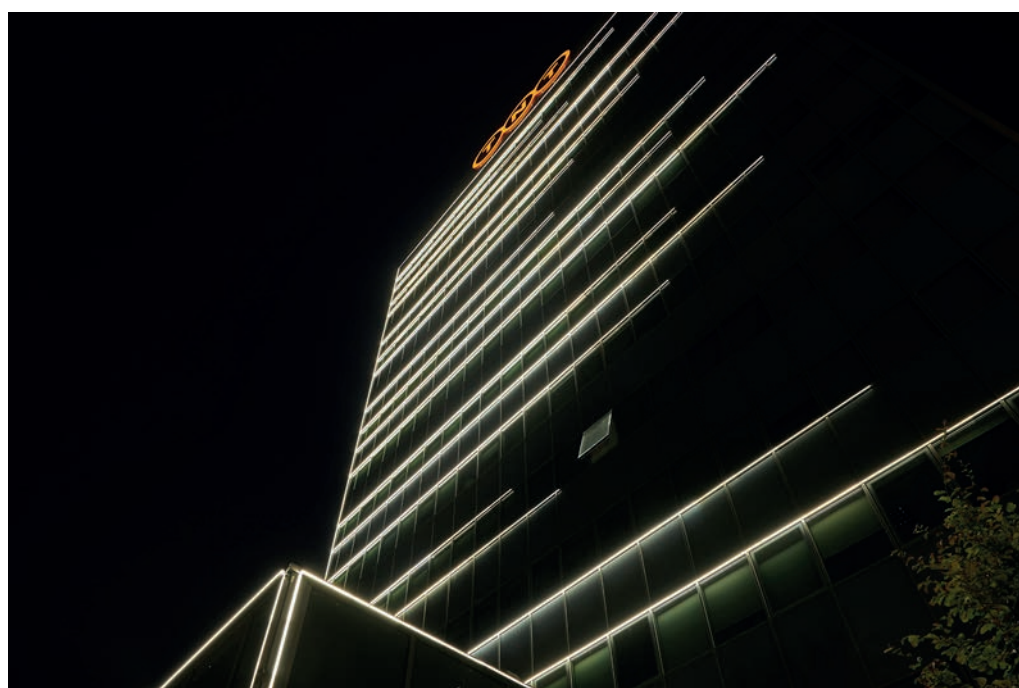
24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
4400K - 24Vdc - High output			
LED			
4400K - CRI 80 - PWM			
2,9W	167,5	254	EB76 01
3,5W	201	304	EB77 01
4,1W	234,5	354	EB78 01
4,6W	268	404	EB79 01
5,2W	301,5	454	EB80 01
5,8W	335,1	504	EB81 01
6,4W	368,6	554	EB82 01
6,9W	402,1	604	EB83 01
7,5W	435,6	654	EB84 01
8,1W	469,1	704	EB85 01
8,7W	502,6	754	EB86 01
9,3W	536,1	804	EB87 01
9,8W	569,6	854	EB88 01
10W	603,1	904	EB89 01
11W	636,6	954	EB90 01
12W	670,1	1004	EB91 01
23W	1340,2	2004	EB92 01
35W	2010,3	3004	EB93 01
46W	2680,4	4004	EB94 01
58W	3350,5	5004	EB95 01
81W	4690,7	7004	EB96 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

Underscore InOut can be connected in sequence up to a maximum of L=7004 mm. Depending on the type of power supply, Underscore connections can be made in parallel, each with a maximum length of L = 7004 mm; they can also be installed in a continuous row (see instruction sheet).



«Reale Mutua» Towers -
Turin, Italy
Architectural Project: Arch. Caterina Ambrosecchia
Plant: P. I. Sandro Gallo & Geom. Luca Pochettino
Photo: Paolo Carlini

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Data refer to the luminous flux emitted by the system.
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Underscore InOut

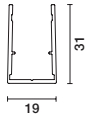
Top Bend 16

profiles and clip



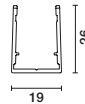
length	code colour
High linear profile	
Module	
1000	X129 12
2000	X130 12

With seating for hidden connector.
For all lengths (cut to size).
Allows the connector to be hidden in the lower part of the profile.



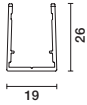
length	code colour
Low linear profile	
Module	
250	X133 12
500	X134 12
1000	X135 12
2000	X136 12

With 2 slots for the side exit of the connectors



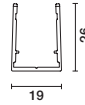
length	code colour
Intermediate low linear profile	
Module	
998	X138 12
1790	X139 12
1998	X140 12

Without slots
To be ordered with the end profiles
(refer to the instructions sheet)



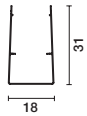
length	code colour
Pair of low end linear profiles	
Module	
104	X137 12

With 1 slot for the side exit of the connector.
To be ordered with the intermediate profiles (refer to the instructions sheet)



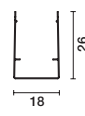
length	code colour
Stainless steel high support clip	
Module	
40	X131 13

With seating for hidden connector.
Allows the connector to be hidden in the lower part of the stainless steel clip.
Designed for curved sections.



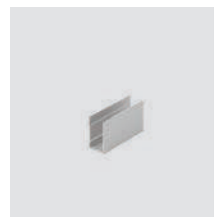
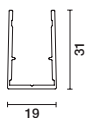
length	code colour
Stainless steel low support clip	
Module	
40	X141 13

For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.



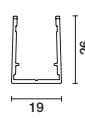
length	code colour
Anodised aluminium high support clip	
Module	
40	X132 12































With seating for hidden connector.
Allows the connector to be hidden in the lower part of the stainless steel clip.
Designed for curved sections.



length	code colour
Anodised aluminium low support clip	
Module	
40	X142 12

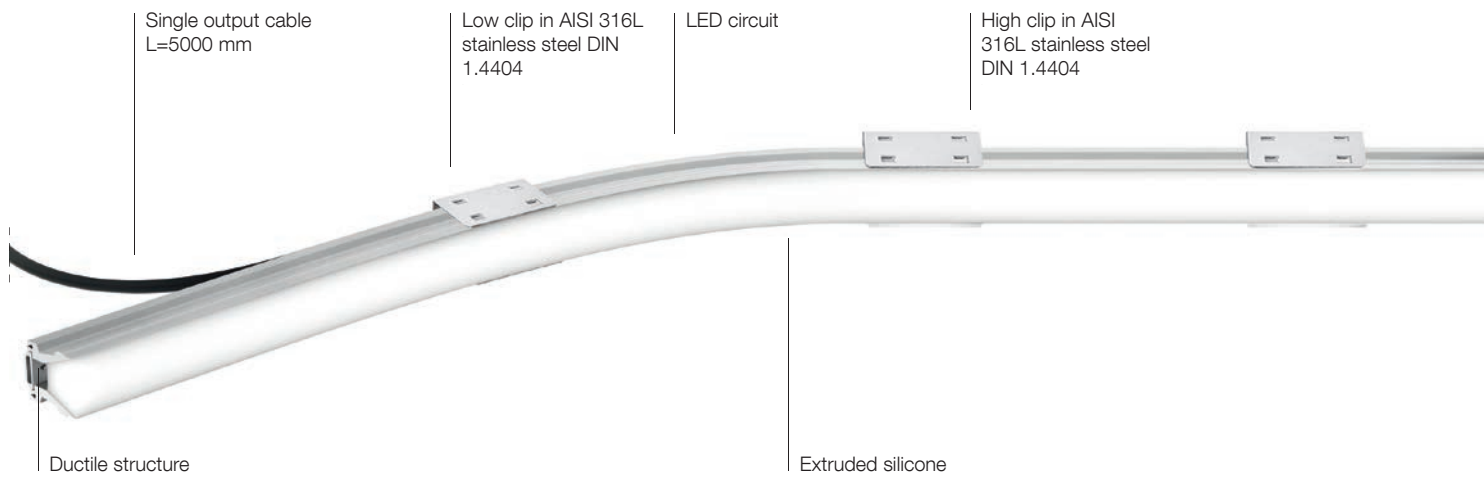
For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.



Control gear	code	colour	Control gear	code	colour	Power supply	code	colour
 IP67 box for power supply			 2-way junction connector - IP68	X188	00 possible connection of max. 2 outgoing cables with connectors	 Constant voltage power supply unit DALI IP20 100W		
dim. 140x230x95h (6PG)	9582	00 Unit for power supplies 9912-BZK1-MWK4-MWK5	 4-way junction connector - IP68	X189	00 possible connection of max. 6 outgoing cables with connectors	VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30	MZ15	00
dim. 280x190x130h (10PG)	BZ33	00	 Cap kit for IP68 connectors 10 units With anti-detachment band			 Constant voltage power supply unit IP20 96W		
 Cable with female connector IP68 for versions with LED tunable white			Female	X181	04	VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22	MZ14	00
L=115	X288	04	male	X180	04			
L=1500	X289	04	Interfaces & remote units	code	colour	 Constant voltage power supply unit non dimmable track DIN 120W		
L=3000	X290	04	 4-channel LED Driver with DALI-DMX 720W controller			VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	BZK0	00
L=5000	X291	04	VIN=12÷48Vdc VOUT=5-12-24-48V	9639	00	VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	PC15	00
 Cable with female connector for monochromatic LEDs IP68 With anti-detachment locknut			 PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3	00	 Constant voltage power supply unit non dimmable track DIN 240W		
L=115	X168	04	Power supply	code	colour	VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912	00
L=1500	X169	04	 Electronic constant tension power supply 50W 24V			VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	PC16	00
L=3000	X170	04	Iout=2A dim. 225x60x36h	MWK4	00	 Constant current power supply unit non dimmable track DIN 10W		
L=5000	X171	04	 Electronic constant tension power supply 70W 24V			VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93	9908	00
 Cable with female connector for RGB IP68 With anti-detachment locknut			IOUT=2,9A dim. 225x60x36h	MWK5	00	 Constant voltage power supply unit non dimmable track DIN 24W		
L=115	X174	04	 Constant voltage power supply unit non dimmable IP67 40W			VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions: 171x61,5x36,8	9909	00
L=1500	X175	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions:171x61,5x36,8	X182	00	 Constant voltage power supply unit non dimmable track DIN 72W		
L=3000	X176	04	 Constant voltage power supply unit non dimmable IP67 80W			VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9910	00
L=5000	X177	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8	X183	00	 Constant voltage power supply unit non dimmable track DIN 96W		
 Cable with male connector IP68 for versions with LED tunable white			 Constant voltage power supply unit non dimmable IP67 120W			VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9911	00
L=115	X292	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8	X184	00	 Constant voltage power supply unit non dimmable track DIN 185W		
L=1500	X293	04	 Constant voltage power supply unit non dimmable IP67 185W			VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105	9912	00
 Cable with male connector for monochromatic LEDs IP68 With anti-detachment locknut			VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8	X185	00	 Constant voltage power supply unit non dimmable track DIN 240W		
L=115	X172	04	 Constant voltage power supply unit non dimmable IP67 240W			VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	BZK1	00
L=1500	X173	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8	X186	00	VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	PC17	00
 Cable with male connector for RGB IP68 With anti-detachment locknut			 Constant voltage power supply unit non dimmable IP67 320W					
L=115	X178	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions:252x90x43,8	X187	00			
L=1500	X179	04						

Underscore InOut

Top Bend 16 - Dive



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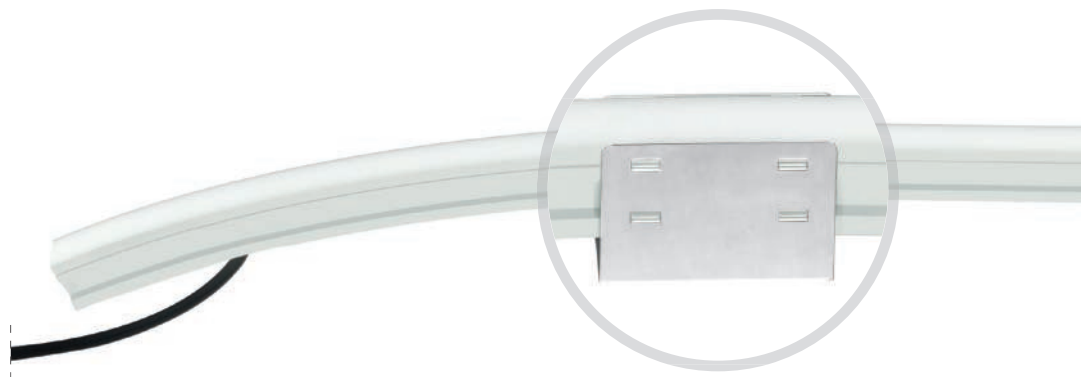


- Linear luminaire with monochromatic (2900K-4500K), RGB or Tunable White LEDs for installation in fountains and areas around swimming pools (not indoors).
- Surface mount installation using AISI 316 stainless steel clips.
- Based on a flexible white 24Vdc circuit, with 6 lengths available: 254/504/1004/2004/3004/7004 mm
- The PWM LED circuit is fully IP68 encapsulated with a very high performance white (external) and opal (emitting surface) polymer sheath: the material allows for use and installation at a maximum temperature of 45 °C in air and 25 °C in water.
- The water must have a pH value between 7 and 8.
- Uniform lighting without visible points is assured along the entire profile of the strip as far as the terminal parts.
- Complete with a single output cable L=5000
- Complete with stainless steel wires to limit plastic deformation of the body that may otherwise damage the LED circuit.
- Resistant to seawater testing in accordance with EN60598-2-18, UV and solvents.
- IK10 impact resistance
- Contact temperature <40°.

Installation limits with clips

Immersion installation with clips is not permitted:

- in areas where direct contact with people or animals is possible;
- inside swimming pools (allowed only in surrounding areas);
- on pedestrian or vehicular surfaces.





W	lm	length	code colour
2900K - 24Vdc			
LED			
2900K - CRI 80 - PWM			
2,1W	68,8	254	EM92 01
4,3W	137,5	504	EM93 01
8,5W	275	1004	EM94 01
17W	550	2004	EM95 01
25,5W	825	3004	EM96 01
42,5W	1375	5004	EM97 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

4500K - 24Vdc

W	lm	length	code colour
LED			
4500K - CRI 80 - PWM			
2,1W	82,5	254	EM98 01
4,3W	165	504	EM99 01
8,5W	330	1004	EM00 01
17W	660	2004	EM01 01
25,5W	990	3004	EM02 01
42,5W	1650	5004	EM03 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



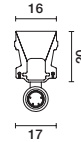
W	lm	length	code colour
RGB - 24Vdc			
LED			
RGB - PWM			
2,2W	29	254	EN04 01
4,4W	58	504	EN05 01
8,8W	116	1004	EN06 01
17,6W	232	2004	EN07 01
26,4W	348	3004	EN08 01
44W	580	5004	EN09 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

Tunable white 2500K-4500K - 24Vdc

W	lm	length	code colour
LED			
Tunable White - PWM			
2,3W	88,9	254	EN10 01
4,6W	177,8	504	EN11 01
9,1W	355,7	1004	EN12 01
18W	711,4	2004	EN13 01
27W	1067	3004	EN14 01
46W	1778,4	5004	EN15 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



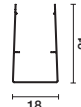
length	code colour
Stainless steel low support clip	
Module	
40	X141 13

For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.






length	code colour
Stainless steel high support clip	
Module	
40	X131 13



With seating for hidden connector.
Allows the connector to be hidden in the lower part of the stainless steel clip.
Designed for curved sections.














Underscore InOut







Top Bend 16 - Dive

Control gear	code	colour
 <p>IP67 box for power supply</p> <p>dim. 140x230x95h (6PG)</p>	9582	00
	Unifit for power supplies 9912-BZK1-MWK4-MWK5	
<p>dim. 280x190x130h (10PG)</p>	BZ33	00
 <p>2-way junction connector - IP68</p>	X188	00
	possible connection of max. 2 outgoing cables with connectors	
 <p>4-way junction connector - IP68</p>	X189	00
	possible connection of max. 6 outgoing cables with connectors	

Interfaces & remote units	code	colour
 <p>4-channel LED Driver with DALI-DMX 720W controller</p> <p>VIN=12÷48Vdc VOUT=5-12-24-48V</p>	9639	00
 <p>PWM interface with DALI monochromatic LED dimmer 120W 24Vdc</p>	MWP3	00

Power supply	code	colour
 <p>Electronic constant tension power supply 50W 24V</p> <p>IOUT=2A dim. 225x60x36h</p>	MWK4	00
 <p>Electronic constant tension power supply 70W 24V</p> <p>IOUT=2,9A dim. 225x60x36h</p>	MWK5	00
 <p>Constant voltage power supply unit non dimmable IP67 40W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions:171x61,5x36,8</p>	X182	00

Power supply	code	colour
 <p>Constant voltage power supply unit non dimmable IP67 80W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8</p>	X183	00
 <p>Constant voltage power supply unit non dimmable IP67 120W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8</p>	X184	00
 <p>Constant voltage power supply unit non dimmable IP67 185W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8</p>	X185	00
 <p>Constant voltage power supply unit non dimmable IP67 240W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8</p>	X186	00
 <p>Constant voltage power supply unit non dimmable IP67 320W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions:252x90x43,8</p>	X187	00
 <p>Constant voltage power supply unit DALI IP20 100W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30</p>	MZ15	00
 <p>Constant voltage power supply unit IP20 96W</p> <p>VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22</p>	MZ14	00
 <p>Constant voltage power supply unit non dimmable track DIN 120W</p> <p>VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125</p>	BZK0	00
<p>VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125</p>	PC15	00

Power supply	code	colour
 <p>Constant voltage power supply unit non dimmable track DIN 240W</p> <p>VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125</p>	9912	00
<p>VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125</p>	PC16	00
 <p>Constant current power supply unit non dimmable track DIN 10W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93</p>	9908	00
 <p>Constant voltage power supply unit non dimmable track DIN 24W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94</p>	9909	00
 <p>Constant voltage power supply unit non dimmable track DIN 72W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94</p>	9910	00
 <p>Constant voltage power supply unit non dimmable track DIN 96W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105</p>	9911	00
 <p>Constant voltage power supply unit non dimmable track DIN 480W</p> <p>VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125</p>	BZK1	00
<p>VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125</p>	PC17	00

Underscore InOut Grin

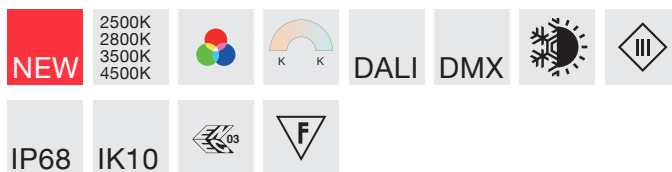
design Pio e Tito Toso



Explore and interact with products in 3D.
thelightexperience.iguzzini.com



Bollard Grin version complete with LED strip available on page 860
The version presented in the "Bollards and Systems for residential areas" section provides a unique code.



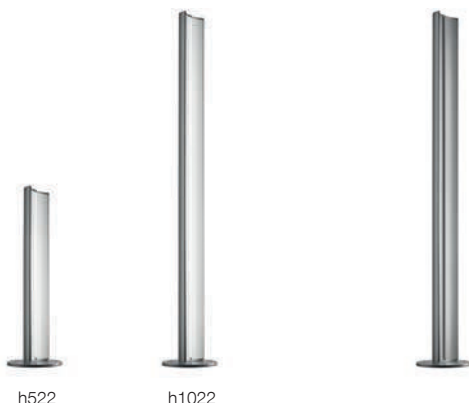
- Linear lighting equipment with monochrome (2500K–4500K), RGB or Tunable white LEDs.

Composition

The product comprises an InOut Top Bend 16 or Underscore Top Bend 16 or Underscore Top Bend 16 - Dive 504 mm and 1004 mm to be ordered separately

Notes on Composition

- Order cap kit for IP68 connectors and cable with connector for connection to the module when using Underscore InOut Top Bend 16.
- The power cable does not have connectors if Underscore InOut Top Bend 16 - Dive is used
- Refer to the instruction sheet for how to mount Underscore InOut on the top bend.



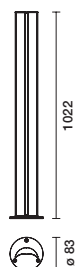
new
Available from July



code	colour
h522 bollard	
	JYX7 15-F5
Underscore InOut Top Bend 16 - Driver to be ordered separately	



code	colour
H1022 bollard	
	JYX8 15-F5
Underscore InOut Top Bend 16 - Driver to be ordered separately	



Refer to the instruction sheet for compatible electronic power supply units.



Floodlights

Architectural lighting management

Lighting effects for illuminating architecture and green areas. Broad range of lighting effects: from highly concentrated beams of light to lighting of architectural details, wall washer light beams for uniform lighting of façades and vertical surfaces.

Numerous optical and photometric accessories.

Extremely reliable and resistant to atmospheric agents and acts of vandalism.

674 Overview - Floodlights

681 Agorà

696 Palco InOut

714 iPro

726 Woody

738 Platea Pro

744 iTeka

746 Lingotto

Overview - Floodlights



682 Agorà
Mini ø 312



682 Agorà
Mini ø 390



682 Agorà
Mini ø 525



690 Agorà
Compact ø 312



690 Agorà
Compact ø 390



690 Agorà
Compact ø 525

Performances

	new	new	new	new	new	new
Optics	5°/14°/25°/40°/WW	5°/14°/25°/40°/WW	5°/14°/25°/40°/WW	5°/14°/25°/29°/40° 46°/80°/WW	5°/14°/25°/29°/40° 46°/80°/WW	5°/14°/25°/29°/40° 46°/80°/WW
Power W	75 → 90	130 → 150	200 → 300	75 → 90	130 → 150	200 → 450
Luminous flux lm	7500 → 9000	13.000 → 15.000	20.000 → 30.000	7500 → 9000	13.000 → 15.000	20.000 → 50.000
Colour temperature K	2200/2700 3000/4000	2200/2700 3000/4000	2200/2700 3000/4000	2200/2400/2700 3000/4000	2200/2400/2700 3000/4000	2200/2400/2700 3000/4000
RGB						
RGBW				•	•	•
Tunable White 2700K÷6000K				•	•	•

Applications

Pole						
Spike						

Accessories

Optics and decorative	N/B/F/I/O/M	N/B/F/I/O/M	N/B/F/I/O/M	N/B/F/I/O/M	N/B/F/I/O/M	N/B/F/I/O/M
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710 Palco InOut
Framer ø 30



710 Palco InOut
Framer ø 116



710 Palco InOut
Framer ø 116



717 iPro
ø 51 / ø 81



720 iPro
ø 132



720 iPro
ø 155

Performances

			new			
Optics				10°/14°/20°/22°/32° 34°/78°/86°/EL/ET/L	8°/10°/12°/20° 26°/40°/78°	8°/10°/15°/20° 24°/42°/80°
Power W	2,5	28,2/34,6	25	2,2/4,2	11/17,8	11 → 25,1
Luminous flux lm	5/6	800 → 1000	2000	76 → 342	743 → 1638	609 → 2457
Colour temperature K	2700/3000/4000	2700/3000/4000	2700/3000/4000	3000/4000	3000/4000	3000/4000
RGB						
RGBW						
Tunable White 3000K÷5700K						•

Applications

Pole		•	•			
Spike	•	•		•	•	•

Accessories

Optics and decorative					A/B/C/F G/I/L/M	A/B/C/F G/I/L/M
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Systems with floodlights are presented in the "Pole-mounted systems" section



527 Platea Pro



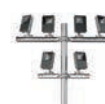
568 MultiPalco
InOut



572 MultiPro



576 MultiWoody



580 MultiPlatea



698 Palco InOut
ø 30



698 Palco InOut
ø 49



698 Palco InOut
ø 83



704 Palco InOut
ø 83



704 Palco InOut
ø 119



704 Palco InOut
ø 137



704 Palco InOut
ø 153

14°/24°	16°/24°/42°	16°/26°/40°/78°	8°/26°/50°/86°	8°/14°/24°/46°/80°	6°/10°/18°/28°/44°/80°	16°/30°/48°/76°
2,5	6,1	12/16	10,9	12,8 → 26,5	15,6 → 38	47,3 → 77
145 → 183	391 → 497	1139 → 1890	644 → 743	480 → 2478	567 → 3915	4688 → 7500
2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000	2700/3000/4000
			•	•	•	•
•	•	•	•	•	•	•
A/B/G/N/O	A/B/G/N/O	A/B/G/N/O	A/B/L/M/G/N/O	A/B/L/M/G/N/O	A/B/L/M/G/N/O	A/B/L/M/G/N/O



720 iPro
192



728 MiniWoody/
Woody
ø 85



732 MaxiWoody
ø 260



732 MaxiWoody
ø 315



732 MaxiWoody
ø 380



738 Platea Pro



744 iTekka



746 Lingotto

10°/14°/20°/32°/34° 36°/A60/ST1	8°/10°/26°/28°/40°	10°/30°/50°	12°/30°/32°/44°/46°	ST1/ST1.2	4°/12°/28°/44°/46° E/WW/A45	ST1C/A60/A45C	A/80°-100°
30 → 33	10,7/18,7	28,4/39,6	39,9 → 91,9	36/56	17,9 → 127,5	23 → 29,7	40,9/43,9
957 → 4400	532 → 1875	2587 → 4209	1482 → 10739	3430 → 6080	636 → 10410	2280 → 2360	2884 → 3764
3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
•	•		•				
•			•		•		
•			•		•		
•		•	•	•	•	•	•
•	•				•	•	
A/B/C/F G/I/L/M	A/B/C/E/F G/H/O	A/B/C/F G/I/L/M	A/B/C/F G/I/L/M	A/B/F L/M	A/B I/L/M		H/N

Optics: **WW** Wall Washer - **L** Light Blade - **E** Elliptical - **ET** Elliptical Transversal - **EL** Elliptical Longitudinal - **A** Asymmetrical - **AL** Asymmetrical Longitudinal
AT Asymmetrical Transversal - **A45** Comfort Street Optic - **ST1** Street Optic for intense vehicle traffic, urban and suburban areas
ST1.2 Street Optic for intense vehicle traffic, urban and suburban areas - **ST1C** Comfort Street Optic for pedestrian urban areas
A60 60° Asymmetrical Optic for parking lots and large areas

Accessories: **A** Refractor - **B** Diffuser glass - **C** Prismatic diffuser glass - **D** Coloured filters - **E** Spill ring - **F** Interchangeable reflector
G Cylindrical screen - **H** Wall washer screen - **I** Visor - **L** Directional fins - **M** Protection grille - **N** Louvre - **O** 45° Cylindrical Screen

Overview - Floodlights

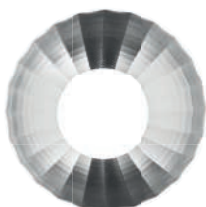
it's in the Optics



Opti Beam Reflector

The outcome of extensive research, this optic improves chromatic uniformity, prevents the creation of halos and removes spots of double rings that may be generated by a conventional LED light source.

* Patent Pending



Opti Beam Lens

Ultra-compact, high-intensity super spot optics. The light beam is even and well defined, with no colour aberrations. Maximum visual comfort is guaranteed by a spill-ring inside.

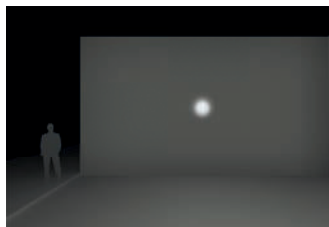
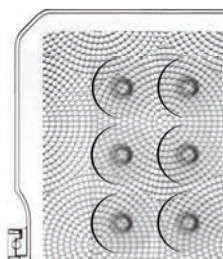
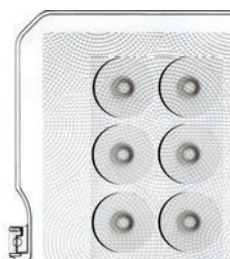
*Two Patents Pending



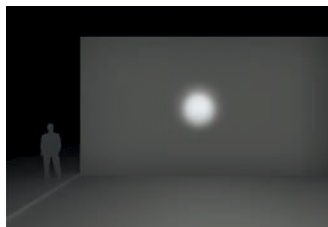
Opti Beam Refractor

Micro-prismatic textures with randomized symmetrical modelling elements to avoid any type of geometric and chromatic aberration. When combined with the Opti Beam Lens, they model the beam of light using different apertures.

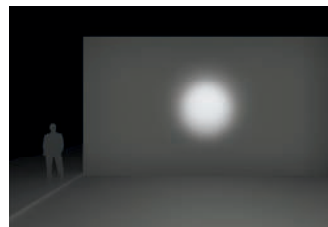
*Patented



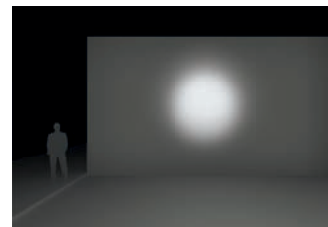
SS - Super Spot
 $\alpha < 8^\circ$



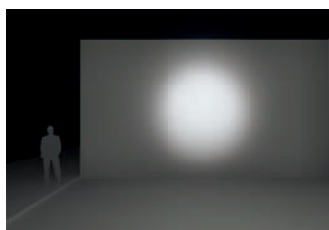
S - Spot
 $\alpha 9^\circ - 15^\circ$



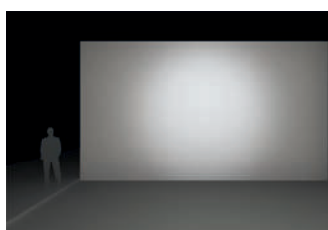
M - Medium
 $\alpha 16^\circ - 25^\circ$



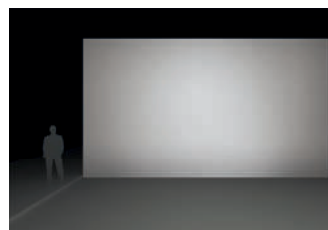
F - Flood
 $\alpha 26^\circ - 39^\circ$



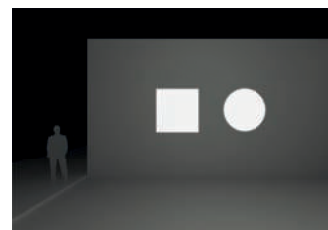
WF - Wide Flood
 $\alpha 40^\circ - 69^\circ$



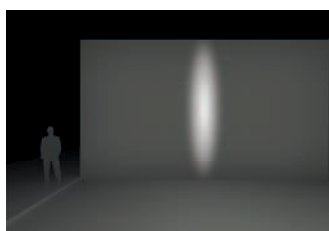
SF - Super Flood
 $\alpha 70^\circ - 90^\circ$



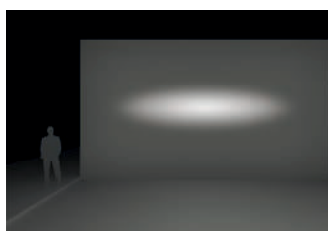
WW - Wall Washer



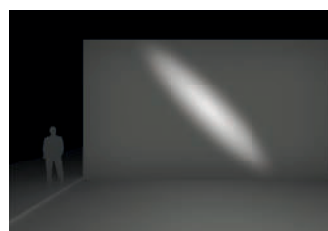
Framers



ET - Transversal Elliptical



EL - Longitudinal Elliptical



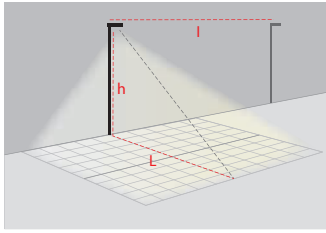
E - Elliptical*



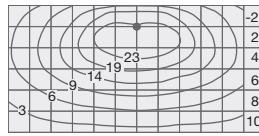
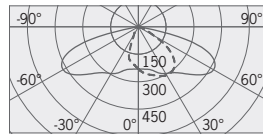
The Platea Pro floodlight has a screen for elliptical distribution inside the product which can rotate by 360° to adapt direction to lighting requirements.

* Elliptical optics are obtained by installing the specific accessory.

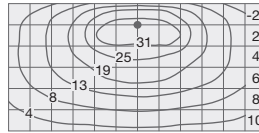
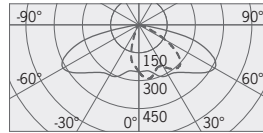
ST - Road optics



$d = L/h$
h = Installation height
L = Width of area to illuminate
I = Distance between poles

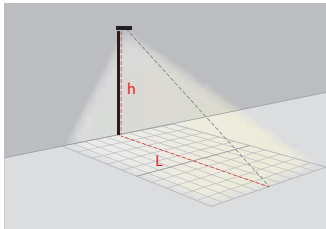


ST1
 Street Optic for intense vehicle traffic, urban and suburban areas
 $I = 4h$
 $d = 1$
Intensity Class: G*4(Reflector)

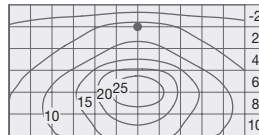
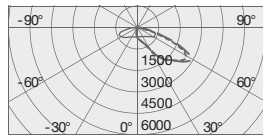


ST1.2
 Street Optic for intense vehicle traffic, urban and suburban areas-
 $I = 4h$
 $d = 1,2$
Intensity Class: G*3 (Reflector)

A - Asymmetric optic



$d = L/h$
h = Installation height
L = Width of area to illuminate



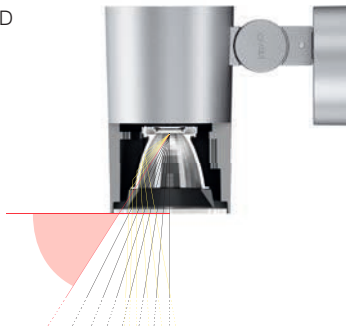
A60
 60° Asymmetric Optic for parking areas and large open spaces
 $h = 7$
 $d = 2$

Visual Wellness

Screening angle

Comfort increases the more the LED source of light is hidden from view. Our floodlights have a very high screening angle* to ensure visual comfort in space, whatever their orientation.

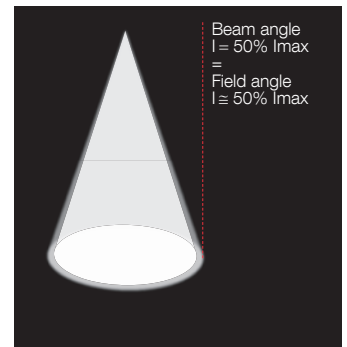
Screening angle*
 56°



No field angle

We have eliminated the double ring effect to obtain a well-defined round lighting effect. The intensity at the limit angle is close to 50% I_{max} (the field angle aligns with FWHM*).

* FWHM is the angle corresponding the point where intensity is equal to 50% I_{max} .



Opti Beam Technology

Optical Accessories

Various types of lens allow the lighting distribution of the main optics to be modified, thereby achieving highly professional lighting effects.



Refractor for elliptical distribution



Diffuser glass



Prismatic diffuser glass



Spill ring



Louvre



Blade louvre



Cylindrical screen



Cylindrical Screen at 45°



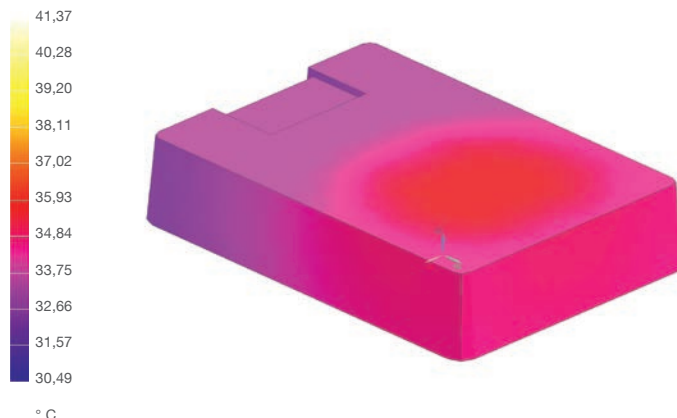
Directional flaps

Overview - Floodlights

Reliability for better Light

Thermal Dissipation

We test the worst-case condition. Thanks to thermographic and fluid-dynamic simulations, we are able to define the best geometry for our products in order to maintain a constant LED operating temperature.



MacAdam

We choose the world's best suppliers to ensure consistent and repetitive selection of LEDs to ensure colour uniformity not only over time but also between different products in the same lighting project, up to MacAdam Step 2/3



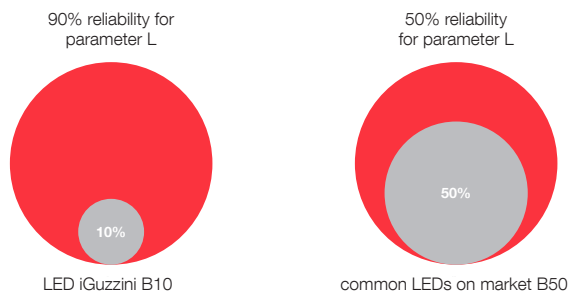
iGuzzini (MacAdam step 2/3)



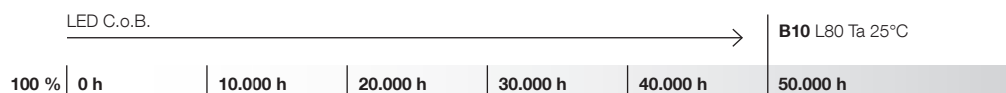
Other solutions (MacAdam step > 3)

Duration of LEDs

The lifespan of LEDs is a given statistic. Parameters "L" and "B" describe the percentage value of the final luminous flux (L) and the confidence level expressed (B). Our new generation products always envisage B10 or B20, thereby stating extremely reliable LED lifespan values.



B10 indicates a 90% reliability level at the point the declared lifetime is reached with the luminous flux indicated

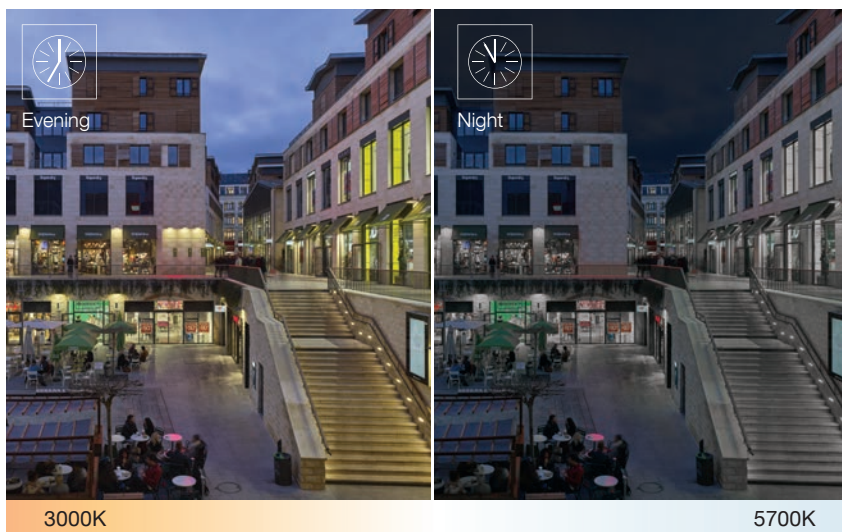


Light dynamics



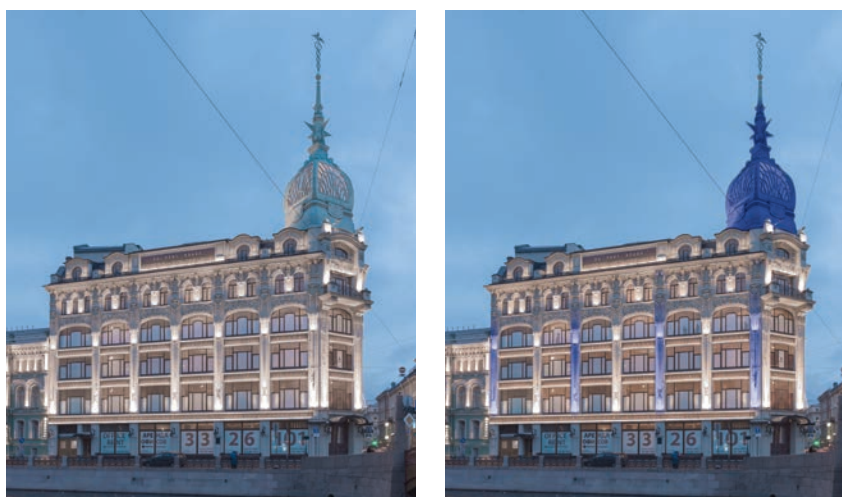
Tunable White

These versions allow continuous modification of colour temperature between 3000 and 5700K.



RGBW

This technology, in addition to all colour shades, also achieves pure white light unaffected by RGB colours.



White obtained with RGBW / WRGBW

RGBW / WRGBW

It's in the Product

Maximum impact protection IK10

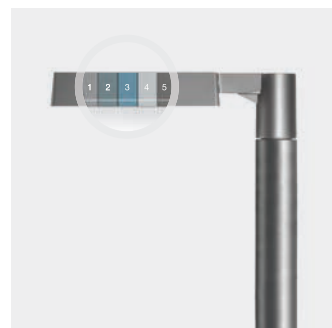
Maximum resistance to dust penetration and protection against waves.



Reliability IP66

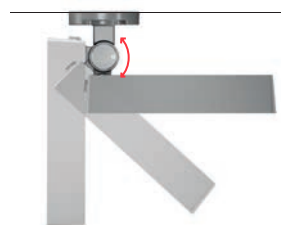
Protection against penetration by solids and liquids. Unaffected by corrosive agents thanks to two-stage pre-treatment.

- 1 Aluminium
- 2 Fluoro-zirconium finishing
- 3 Nano-technological polymer
- 4 Primer
- 5 Liquid paint



Orientation and aiming lock

This system is used to fine tune and lock the angle of the floodlight while ensuring the direction of the light beam is steady.



Dual PG

Dual PG allows for through-passing wiring without needing to install junction boxes for better aesthetics as well as savings in material.





Mini
pag. 682

NEW



ø 312



ø 390



ø 525

Compact
pag. 690

NEW



ø 312



ø 390



ø 525

C.o.B.

Agorà Mini

ø 312 / ø 390 / ø 525

design Jean Michel Wilmotte



ø 312



ø 390



ø 525



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NEW

Opti Beam



DALI

2400K
2700K
3000K
4000K



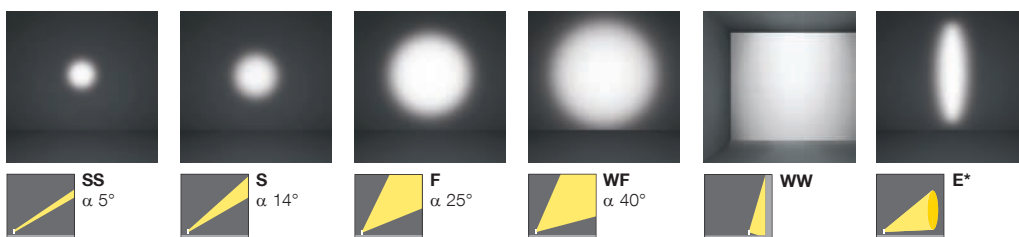
IP66

IK08



- Floodlight luminaire intended for use with LED light sources.
- Installation on floor, ceilings and walls with bracket and walls with handle.
- Comprising an optical compartment in die-cast aluminium and transparent tempered sodium-calcium safety glass. Bracket for application on floodlight and bracket for application on handle to be ordered separately.
- Adjustable optical compartment in the horizontal plane (-50°/+90°).
- Graduated scale and mechanical aiming lock.
- A2 stainless steel cable gland
- Electronic DALI power supply unit (IP67 / IP68) to be ordered separately to connect Agorà Mini floodlights in series
- IP66 / IK08 (IK10 with protective grille)
- Opti Beam Lens Optics
- External optical (Cylindrical screen and Visor) and safety (Grille) accessories. Internal accessories (diffuser glass, lamellar louvre and refractor for elliptical distribution)
- All external screws used are in A2 stainless steel.
- Insulation class II.

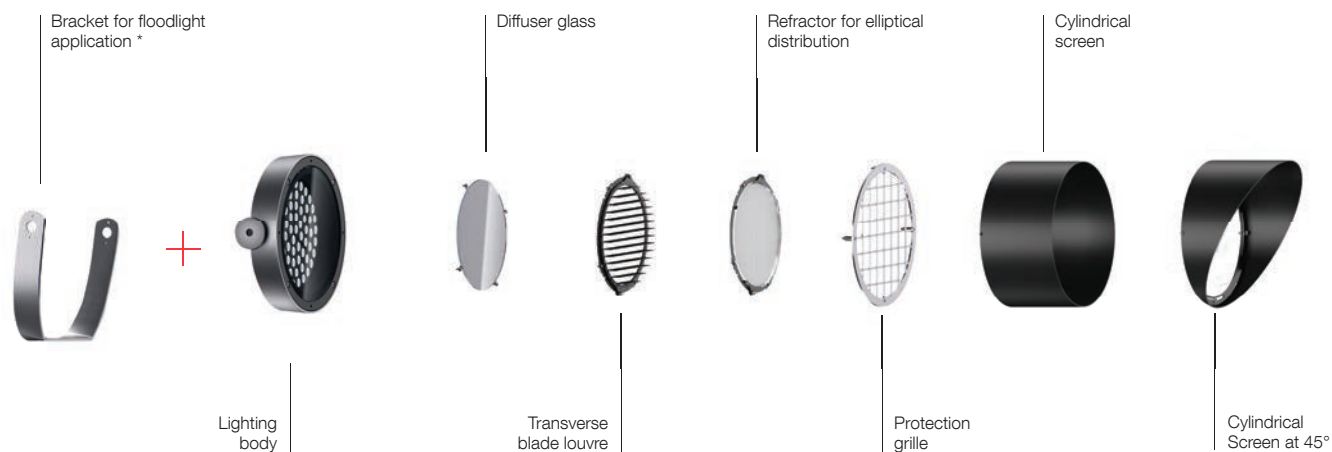
Optics



* Elliptical optics are obtained by installing the specific accessory.

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.

* Bracket for wall or floodlight applications to be ordered separately.



High output flow up to 30.000 lm

highly powerful flat floodlight, with remote driver. Designed to integrate perfectly with existing architecture without sacrificing the luminous flux capable of reaching 30.000 lumens. Optic comprising patented optibeam lenses and Multichip led.



Agorà Mini

Ø 312 / Ø 390 / Ø 525



15
GREY

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new
Available from July

source	system		optic	code colour
	W	lm		
LED				
4000K				
-	-	-	5°	ET59 15
-	-	-	5°	ET77 15
-	-	-	14°	ET60 15
-	-	-	14°	ET78 15
-	-	-	25°	ET61 15
-	-	-	25°	ET79 15
-	-	-	40°	ET62 15
-	-	-	40°	ET80 15
-	-	-	WW	ET63 15
-	-	-	WW	ET81 15
3000K				
-	-	-	5°	ET54 15
-	-	-	5°	ET72 15
-	-	-	14°	ET55 15
-	-	-	14°	ET73 15
-	-	-	25°	ET56 15
-	-	-	25°	ET74 15
-	-	-	40°	ET57 15
-	-	-	40°	ET75 15
-	-	-	WW	ET58 15
-	-	-	WW	ET76 15
2700K				
-	-	-	5°	ET49 15
-	-	-	5°	ET67 15
-	-	-	14°	ET50 15
-	-	-	14°	ET68 15
-	-	-	25°	ET51 15
-	-	-	25°	ET69 15
-	-	-	40°	ET52 15
-	-	-	40°	ET70 15
-	-	-	WW	ET53 15
-	-	-	WW	ET71 15
2200K				
-	-	-	5°	ET46 15
-	-	-	5°	ET64 15
-	-	-	25°	ET47 15
-	-	-	25°	ET65 15
-	-	-	WW	ET48 15
-	-	-	WW	ET66 15

Power supply to be ordered separately
Bracket to be ordered separately

source	system		optic	code colour
	W	lm		
LED				
4000K				
-	-	-	5°	EU34 15
-	-	-	5°	EU48 15
-	-	-	14°	EU35 15
-	-	-	14°	EU49 15
-	-	-	25°	EU36 15
-	-	-	25°	EU50 15
-	-	-	40°	EU37 15
-	-	-	40°	EU51 15
3000K				
-	-	-	5°	EU30 15
-	-	-	5°	EU44 15
-	-	-	14°	EU31 15
-	-	-	14°	EU45 15
-	-	-	25°	EU32 15
-	-	-	25°	EU46 15
-	-	-	40°	EU33 15
-	-	-	40°	EU47 15
2700K				
-	-	-	5°	EU26 15
-	-	-	5°	EU40 15
-	-	-	14°	EU27 15
-	-	-	14°	EU41 15
-	-	-	25°	EU28 15
-	-	-	25°	EU42 15
-	-	-	40°	EU29 15
-	-	-	40°	EU43 15
2200K				
-	-	-	5°	EU24 15
-	-	-	5°	EU38 15
-	-	-	25°	EU25 15
-	-	-	25°	EU39 15

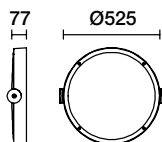
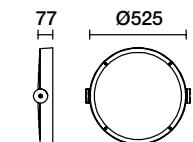
Power supply to be ordered separately
Bracket to be ordered separately

15
GREY**new**
Available from July

source	system		optic	code	colour
	W	lm			
LED					
4000K					
-	-	-	-	5°	EU90 15
-	-	-	-	5°	EV04 15
-	-	-	-	14°	EU91 15
-	-	-	-	14°	EV05 15
-	-	-	-	25°	EU92 15
-	-	-	-	25°	EV06 15
-	-	-	-	40°	EU93 15
-	-	-	-	40°	EV07 15
3000K					
-	-	-	-	5°	EU86 15
-	-	-	-	5°	EV00 15
-	-	-	-	14°	EU87 15
-	-	-	-	14°	EV01 15
-	-	-	-	25°	EU88 15
-	-	-	-	25°	EV02 15
-	-	-	-	40°	EU89 15
-	-	-	-	40°	EV03 15
2700K					
-	-	-	-	5°	EU82 15
-	-	-	-	5°	EU96 15
-	-	-	-	14°	EU83 15
-	-	-	-	14°	EU97 15
-	-	-	-	25°	EU84 15
-	-	-	-	25°	EU98 15
-	-	-	-	40°	EU85 15
-	-	-	-	40°	EU99 15
2200K					
-	-	-	-	5°	EU80 15
-	-	-	-	5°	EU94 15
-	-	-	-	25°	EU81 15
-	-	-	-	25°	EU95 15

Power supply to be ordered separately
Bracket to be ordered separately

source	system		optic	code	colour
	W	lm			
LED					
4000K					
-	-	-	-	5°	EV60 15
-	-	-	-	5°	EV74 15
-	-	-	-	14°	EV61 15
-	-	-	-	14°	EV75 15
-	-	-	-	25°	EV62 15
-	-	-	-	25°	EV76 15
-	-	-	-	40°	EV63 15
-	-	-	-	40°	EV77 15
3000K					
-	-	-	-	5°	EV56 15
-	-	-	-	5°	EV70 15
-	-	-	-	14°	EV57 15
-	-	-	-	14°	EV71 15
-	-	-	-	25°	EV58 15
-	-	-	-	25°	EV72 15
-	-	-	-	40°	EV59 15
-	-	-	-	40°	EV73 15
2700K					
-	-	-	-	5°	EV52 15
-	-	-	-	5°	EV66 15
-	-	-	-	14°	EV53 15
-	-	-	-	14°	EV67 15
-	-	-	-	25°	EV54 15
-	-	-	-	25°	EV68 15
-	-	-	-	40°	EV55 15
-	-	-	-	40°	EV69 15
2200K					
-	-	-	-	5°	EV50 15
-	-	-	-	5°	EV64 15
-	-	-	-	25°	EV51 15
-	-	-	-	25°	EV65 15

Power supply to be ordered separately
Bracket to be ordered separately

Agorà Mini

ø 312 / ø 390 / ø 525



Mounting accessories

	code	colour	code	colour	code	colour
 Blade louvre	X499	04	X505	04	X511	04
 Diffuser glass	X501	65	X507	65	X513	65
 Refractor for elliptical distribution	X500	24	X506	24	X512	24
 Cylindrical screen	X497	04	X503	04	X509	04
 45° cylindrical screen	X498	04	X504	04	X510	04
 Protection grille	X496	13	X502	13	X508	13
 Bracket for wall support	X551	15	X552	15	X553	15
 Bracket for projector application	X548	15	X549	15	X550	15
 multiple support for 2 floodlights	6014	15	6014	15	6014	15
 multiple support for 3 floodlights	6015	15	6015	15	6015	15



Bracket for wall support




Bracket for floodlight application

Control gear

	code	colour	code	colour	code	colour
 IP67 box for power supply						
dim. 280x190x130h (10PG)	BZ33	00	---	---	---	---






Power supply

	code	colour	code	colour	code	colour
 DALI dimmable power supply IP67 96W						
V _{in} = 100-240 Vac 47/63 Hz I _{out} = 630 mA dimensions: 201x68x37 mm	PB68	00	---	---	---	---
V _{in} = 100-240 Vac 47/63 Hz - I out = 500 mA - Dimensions: 201x68x37 mm	PB69	00	---	---	---	---
V _{in} = 100-240 Vac 47/63 Hz - I out = 600 mA - Dimensions: 201x68x37 mm	PB71	00	---	---	---	---
V _{in} = 100-240 Vac 47/63 Hz - I out = 800 mA - Dimensions: 201x68x37 mm	PB70	00	---	---	---	---



Power supply



	code	colour	code	colour	code	colour
 Dimmable DALI IP67 150W power supply						
Vin = 100-240 Vac 47/63 Hz - I out = 460 mA - Dimensions: 225x68x40 mm	---	---	PB76	00	---	---
Vin = 100-240 Vac 47/63 Hz - I out = 560 mA - Dimensions: 225x68x40 mm	---	---	PB77	00	---	---
Vin = 100-240 Vac 47/63 Hz - I out = 580 mA - Dimensions: 225x68x40 mm	---	---	PB74	00	---	---
Vin = 100-240 Vac 47/63 Hz - I out = 630 mA - Dimensions: 225x68x40 mm	PB72	00	---	---	---	---
Vin = 100-240 Vac 47/63 Hz - I out = 700 mA - Dimensions: 225x68x40 mm	---	---	PB75	00	---	---
Vin = 100-240 Vac 47/63 Hz - I out = 800 mA - Dimensions: 225x68x40 mm	PB73	00	---	---	---	---
 Dimmable DALI IP67 200W power supply						
Vin = 100-240 Vac 47/63 Hz - I out = 500 mA - Dimensions: 231x68x40 mm	---	---	---	---	PB81	00
Vin = 100-240 Vac 47/63 Hz - I out = 580 mA - Dimensions: 231x68x40 mm	---	---	PB91	00	---	---
Vin = 100-240 Vac 47/63 Hz - I out = 630 mA - Dimensions: 231x68x40 mm	PB78	00	---	---	---	---
	PB89	00				
Vin = 100-240 Vac 47/63 Hz - I out = 640 mA - Dimensions: 231x68x40 mm	---	---	---	---	PB80	00
Vin = 100-240 Vac 47/63 Hz - I out = 700 mA - Dimensions: 231x68x40 mm	---	---	PB92	00	---	---
Vin = 100-240 Vac 47/63 Hz - I out = 800 mA - Dimensions: 231x68x40 mm	PB90	00	---	---	---	---
	PB79	00				
 Dimmable DALI IP67 240W power supply						
Vin = 100-240 Vac 47/63 Hz - I out = 360 mA - Dimensions: 240x68x40 mm	---	---	---	---	PB88	00
Vin = 100-240 Vac 47/63 Hz - I out = 460 mA - Dimensions: 240x68x40 mm	---	---	---	---	PB86	00
Vin = 100-240 Vac 47/63 Hz - I out = 580 mA - Dimensions: 240x68x40 mm	---	---	PB95	00	PB87	00
Vin = 100-240 Vac 47/63 Hz - I out = 630 mA - Dimensions: 240x68x40 mm	PB84	00	---	---	PB83	00
	PB93	00				
Vin = 100-240 Vac 47/63 Hz - I out = 800 mA - Dimensions: 240x68x40 mm	PB85	00	---	---	PB82	00
	PB94	00				

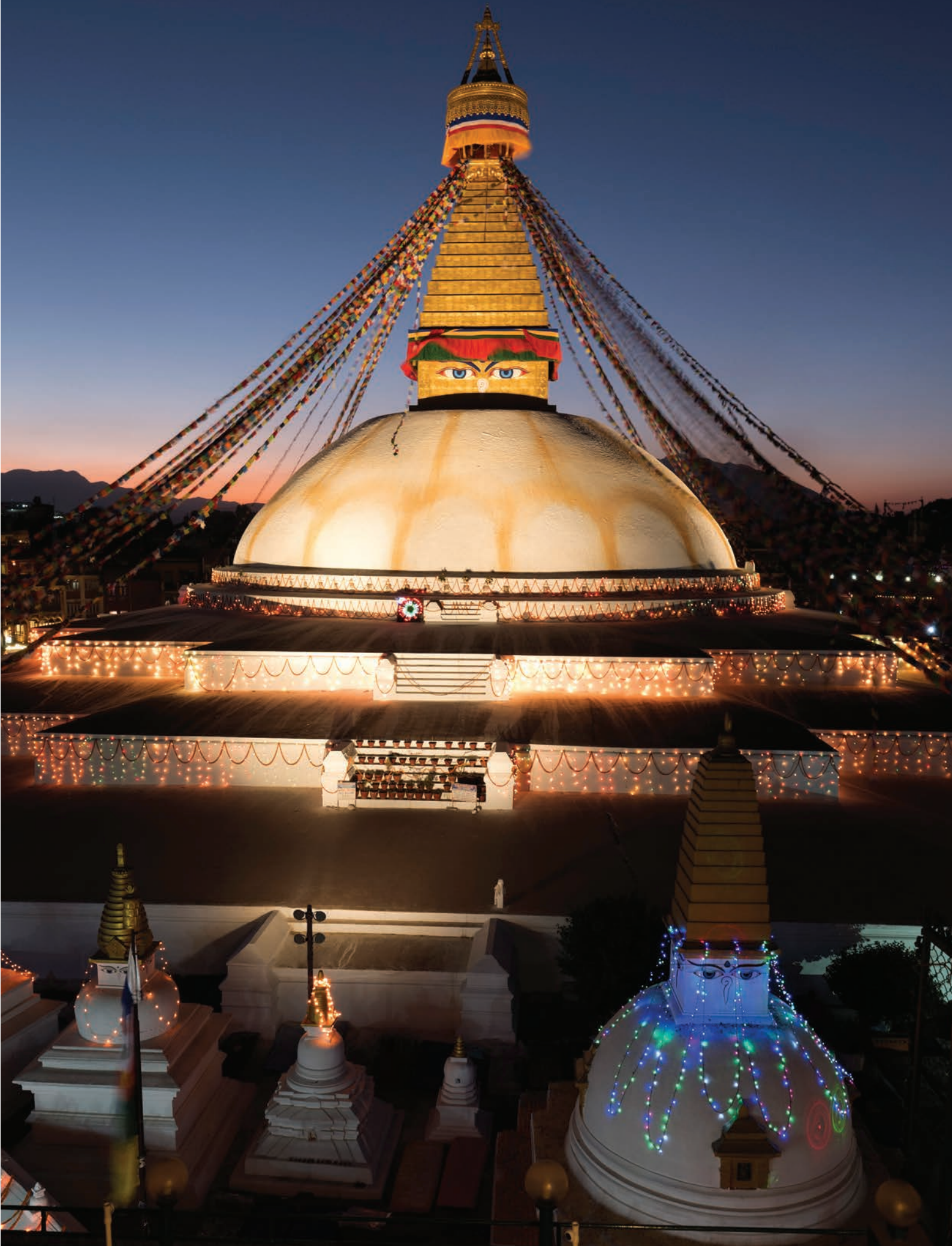
Agorà Mini

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Power supply

	code	colour	code	colour	code	colour
 <p>DALI dimmable power supply IP67 320W</p> <p>Vin = 100-240 Vac 47/63 Hz - I out = 630 mA - Dimensions: 251x98x45 mm</p>	PC05	00	---	---	---	---
 <p>DALI dimmable power supply IP67 600 W</p> <p>Vin = 100-240 Vac 47/63 Hz - I out = 800 mA - Dimensions: 275x144x49 mm</p>	PB97	00	---	---	PB97	00
<p>Vin = 100-240 Vac 47/63 Hz - I out = 460 mA - Dimensions: 275x144x49 mm</p>	---	---	PC02	00	---	---
<p>Vin = 100-240 Vac 47/63 Hz - I out = 500 mA - Dimensions: 275x144x49 mm</p>	PB98	00	---	---	PB98	00
<p>Vin = 100-240 Vac 47/63 Hz - I out = 560 mA - Dimensions: 275x144x49 mm</p>	---	---	PC03	00	---	---
<p>Vin = 100-240 Vac 47/63 Hz - I out = 580 mA - Dimensions: 275x144x49 mm</p>	---	---	PC00	00	---	---
<p>Vin = 100-240 Vac 47/63 Hz - I out = 600 mA - Dimensions: 275x144x49 mm</p>	PB99	00	---	---	---	---
<p>Vin = 100-240 Vac 47/63 Hz - I out = 630 mA - Dimensions: 275x144x49 mm</p>	PB96	00	---	---	PB96	00
<p>Vin = 100-240 Vac 47/63 Hz - I out = 640 mA - Dimensions: 275x144x49 mm</p>	---	---	---	---	PC04	00
<p>Vin = 100-240 Vac 47/63 Hz - I out = 700 mA - Dimensions: 275x144x49 mm</p>	---	---	PC01	00	---	---



Agorà Compact

ø 312 / ø 390 / ø 525

design Jean Michel Wilmotte



ø 312



ø 390



ø 525



ø 525
C.o.B.

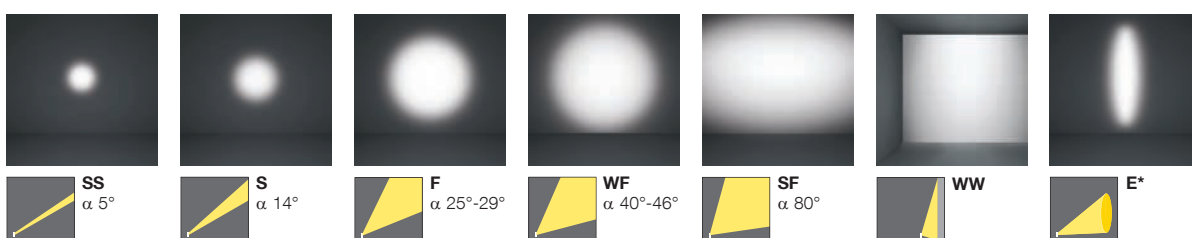


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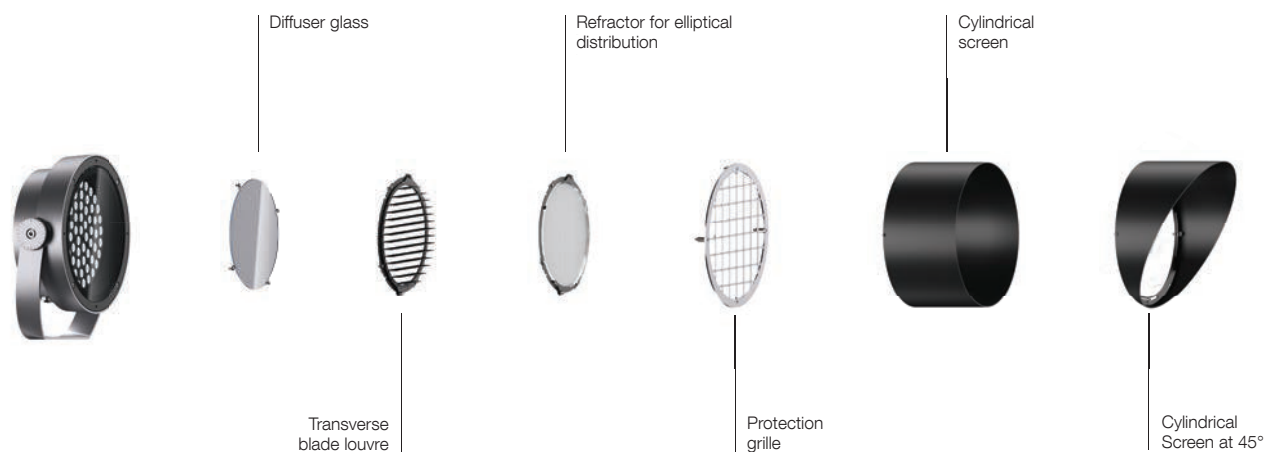
- Floodlight luminaire intended for use with LED light sources.
- Floor, ceiling and wall-mount installation
- Comprising an optical compartment and bracket in die-cast aluminium and transparent tempered sodium-calcium safety glass.
- Adjustable optical compartment in the horizontal plane (-50°/+90°).
- Graduated scale and mechanical aiming lock.
- Dual PG
- Electronic DALI power supply (IP67 / IP68) supplied, compatible with Telemangement systems.
- IP66 / IK08 (IK10 with protective grille)
- Opti Beam Lens and Opti Beam Reflector optics
- External optical (Cylindrical screen and Visor) and safety (Grille) accessories. Internal accessories (diffuser glass, lamellar louvre and refractor for elliptical distribution)
- TW and RGBW versions available
- All external screws used are in A2 stainless steel.
- Insulation class II.

Optics



* Elliptical optics are obtained by installing the specific accessory.

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.



High output flow up a 50.000 lm

No limit. Compact yet very powerful floodlight with built-in driver. Luminaire designed to illuminate any architectural item at any distance at up to 50.000 lumens. Optic comprising patented Optibeam reflectors and CoB LEDs.



Agorà Compact

Ø 312 / Ø 390 / Ø 525



15
GREY

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new
Available from July

source	system		optic	code	colour
	W	lm			
LED					
4000K - DALI					
-	-	-	5°	ET07	15
-	-	-	5°	ET25	15
-	-	-	14°	ET08	15
-	-	-	14°	ET26	15
-	-	-	25°	ET09	15
-	-	-	25°	ET27	15
-	-	-	40°	ET10	15
-	-	-	40°	ET28	15
-	-	-	WW	ET11	15
-	-	-	WW	ET29	15
3000K - DALI					
-	-	-	5°	ET02	15
-	-	-	5°	ET20	15
-	-	-	14°	ET03	15
-	-	-	14°	ET21	15
-	-	-	25°	ET04	15
-	-	-	25°	ET22	15
-	-	-	40°	ET05	15
-	-	-	40°	ET23	15
-	-	-	WW	ET06	15
-	-	-	WW	ET24	15
2700K - DALI					
-	-	-	5°	ES97	15
-	-	-	5°	ET15	15
-	-	-	14°	ES98	15
-	-	-	14°	ET16	15
-	-	-	25°	ES99	15
-	-	-	25°	ET17	15
-	-	-	40°	ET00	15
-	-	-	40°	ET18	15
-	-	-	WW	ET01	15
-	-	-	WW	ET19	15
2200K - DALI					
-	-	-	5°	ES94	15
-	-	-	5°	ET12	15
-	-	-	25°	ES95	15
-	-	-	25°	ET13	15
-	-	-	WW	ES96	15
-	-	-	WW	ET14	15

Complete with power supply

source	system		optic	code	colour
	W	lm			
LED					
RGBW - DMX					
-	-	-	14°	ET35	15
-	-	-	14°	ET43	15
-	-	-	25°	ET36	15
-	-	-	25°	ET44	15
-	-	-	40°	ET37	15
-	-	-	40°	ET45	15
Tunable White - DMX					
-	-	-	5°	ET30	15
-	-	-	5°	ET38	15
-	-	-	14°	ET31	15
-	-	-	14°	ET39	15
-	-	-	25°	ET32	15
-	-	-	25°	ET40	15
-	-	-	40°	ET33	15
-	-	-	40°	ET41	15
-	-	-	WW	ET34	15
-	-	-	WW	ET42	15

Complete with power supply

**new**
Available from July

source	system		optic	code colour
	W	lm		
LED				
4000K - DALI				
-	-	-	5°	ET92 15
-	-	-	5°	EU06 15
-	-	-	14°	ET93 15
-	-	-	14°	EU07 15
-	-	-	25°	ET94 15
-	-	-	25°	EU08 15
-	-	-	40°	ET95 15
-	-	-	40°	EU09 15
3000K - DALI				
-	-	-	5°	ET88 15
-	-	-	5°	EU02 15
-	-	-	14°	ET89 15
-	-	-	14°	EU03 15
-	-	-	25°	ET90 15
-	-	-	25°	EU04 15
-	-	-	40°	ET91 15
-	-	-	40°	EU05 15
2700K - DALI				
-	-	-	5°	ET84 15
-	-	-	5°	ET98 15
-	-	-	14°	ET85 15
-	-	-	14°	ET99 15
-	-	-	25°	ET86 15
-	-	-	25°	EU00 15
-	-	-	40°	ET87 15
-	-	-	40°	EU01 15
2200K - DALI				
-	-	-	5°	ET82 15
-	-	-	5°	ET96 15
-	-	-	25°	ET83 15
-	-	-	25°	ET97 15
RGBW - DALI				
-	-	-	13°	EU21 15
-	-	-	14°	EU14 15
-	-	-	29°	EU15 15
-	-	-	29°	EU22 15
-	-	-	46°	EU16 15
-	-	-	46°	EU23 15
Tunable White - DALI				
-	-	-	5°	EU10 15
-	-	-	5°	EU17 15
-	-	-	14°	EU11 15
-	-	-	14°	EU18 15
-	-	-	25°	EU12 15
-	-	-	25°	EU19 15
-	-	-	40°	EU13 15
-	-	-	40°	EU20 15

Complete with power supply

source	system		optic	code colour
	W	lm		
LED				
4000K				
-	-	-	5°	EV18 15
-	-	-	5°	EV32 15
-	-	-	14°	EV19 15
-	-	-	14°	EV33 15
-	-	-	25°	EV20 15
-	-	-	25°	EV34 15
-	-	-	40°	EV21 15
-	-	-	40°	EV35 15
3000K				
-	-	-	5°	EV14 15
-	-	-	5°	EV28 15
-	-	-	14°	EV15 15
-	-	-	14°	EV29 15
-	-	-	25°	EV16 15
-	-	-	25°	EV30 15
-	-	-	40°	EV17 15
-	-	-	40°	EV31 15
2700K				
-	-	-	5°	EV10 15
-	-	-	5°	EV24 15
-	-	-	14°	EV11 15
-	-	-	14°	EV25 15
-	-	-	25°	EV12 15
-	-	-	25°	EV26 15
-	-	-	40°	EV13 15
-	-	-	40°	EV27 15
2200K				
-	-	-	5°	EV08 15
-	-	-	5°	EV22 15
-	-	-	25°	EV09 15
-	-	-	25°	EV23 15
Tunable White				
-	-	-	5°	EV36 15
-	-	-	5°	EV43 15
-	-	-	14°	EV37 15
-	-	-	14°	EV44 15
-	-	-	25°	EV38 15
-	-	-	25°	EV45 15
-	-	-	40°	EV39 15
-	-	-	40°	EV46 15
RGBW				
-	-	-	13°	EV40 15
-	-	-	13°	EV47 15
-	-	-	29°	EV41 15
-	-	-	29°	EV48 15
-	-	-	46°	EV42 15
-	-	-	46°	EV49 15

Complete with power supply

Agorà Compact

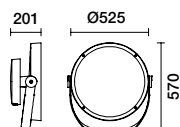
Ø 312 / Ø 390 / Ø 525



15
GREY

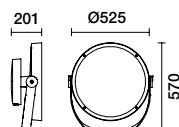
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new
Available from July



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - DALI					
-	-	-	-	5°	EU62 15
-	-	-	-	5°	EU76 15
-	-	-	-	14°	EU63 15
-	-	-	-	14°	EU77 15
-	-	-	-	25°	EU64 15
-	-	-	-	25°	EU78 15
-	-	-	-	40°	EU65 15
-	-	-	-	40°	EU79 15
3000K - DALI					
-	-	-	-	5°	EU58 15
-	-	-	-	5°	EU72 15
-	-	-	-	14°	EU59 15
-	-	-	-	14°	EU73 15
-	-	-	-	25°	EU60 15
-	-	-	-	25°	EU74 15
-	-	-	-	40°	EU61 15
-	-	-	-	40°	EU75 15
2700K - DALI					
-	-	-	-	5°	EU54 15
-	-	-	-	5°	EU68 15
-	-	-	-	14°	EU55 15
-	-	-	-	14°	EU69 15
-	-	-	-	25°	EU56 15
-	-	-	-	25°	EU70 15
-	-	-	-	40°	EU57 15
-	-	-	-	40°	EU71 15
2200K - DALI					
-	-	-	-	5°	EU52 15
-	-	-	-	5°	EU66 15
-	-	-	-	25°	EU53 15
-	-	-	-	25°	EU67 15

Complete with power supply









source		system		optic	code colour
W	lm	W	lm		
C.o.B.					
LED					
4000K - DALI					
-	-	-	-	25°	EV87 15
-	-	-	-	25°	EV99 15
-	-	-	-	46°	EV88 15
-	-	-	-	46°	EW00 15
-	-	-	-	80°	EV89 15
-	-	-	-	80°	EW01 15
3000K - DALI					
-	-	-	-	25°	EV84 15
-	-	-	-	25°	EV96 15
-	-	-	-	46°	EV85 15
-	-	-	-	46°	EV97 15
-	-	-	-	80°	EV86 15
-	-	-	-	80°	EV98 15
2700K - DALI					
-	-	-	-	25°	EV81 15
-	-	-	-	25°	EV93 15
-	-	-	-	46°	EV82 15
-	-	-	-	46°	EV94 15
-	-	-	-	80°	EV83 15
-	-	-	-	80°	EV95 15
2400K - DALI					
-	-	-	-	25°	EV78 15
-	-	-	-	25°	EV90 15
-	-	-	-	46°	EV79 15
-	-	-	-	46°	EV91 15
-	-	-	-	80°	EV80 15
-	-	-	-	80°	EV92 15



Complete with power supply



Mounting accessories

	code	colour	code	colour	code	colour
 Blade louvre	X499	04	X505	04	X511	04
 Diffuser glass	X501	65	X507	65	X513	65
 Refractor for elliptical distribution	X500	24	X506	24	X512 24 For Multi Chip versions X514 24 For C.o.B. version	
 Cylindrical screen	X497	04	X503	04	X509	04
 45° cylindrical screen	X498	04	X504	04	X510	04
 Protection grille	X496	13	X502	13	X508	13

Control gear

	code	colour	code	colour	code	colour
 Y connector with 5 poles IP68						
For the connection of the DMX or DALI signal cable and power supply cable	BZN7	00	---	---	---	---
 End cap for connectors + 120 ohm thermal resistance	BZQ7	00	---	---	---	---



ø 30
page 698



ø 49
page 698



ø 83
page 698



ø 83
page 704

Framer



ø 30
page 710



ø 116
page 710



NEW ø 116
page 710



ø 119
page 704



ø 137
page 704



ø 153
page 704

Pole system

ø83 / ø119 / ø137 / ø153 ø116 floodlights and ø116 framers can be installed on poles (MultiPalco InOut system on page 512) and walls using the special accessory.



pole with flange



pole with arm



wall support

Palco InOut

∅ 30 / ∅ 49 / ∅ 83

design Artec3 Studio



∅ 30



∅ 49



∅ 83



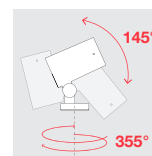
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- Floodlight luminaire intended for use with LED light sources.
- Installation on floors, walls, ceilings and the ground (using a spike).
- Comprising an optic compartment and power strip in die-cast aluminium and transparent, hardened sodium-calcium safety glass.
- Optical compartment with horizontal adjustment (+ 95° / -50). for ∅ 30 / ∅ 49.
- Optical compartment with horizontal adjustment (+ 95° / -50). for ∅ 83.

- Graduated scale and mechanical aiming lock.
- A2 stainless steel cable gland complete with output power supply cable. The cable is provided with IP68 anti-transpiration device.
- Low-voltage safe power supply with constant current.
- Electronic power supply unit to be ordered separately.
- LED circuit fitted with polarity inversion protection system.
- IP66
- Opti Beam Lens and Opti Beam Reflector optics

- Optical accessories with external mounting using an accessory support frame.
- Secured using a 360° swivel base strip
- All external screws used are in A2 stainless steel.
- Insulation class III.

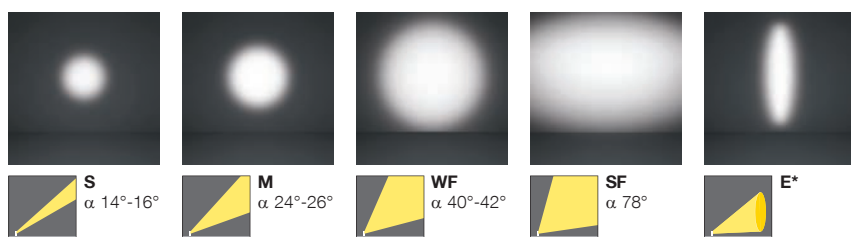


Dual rotation



Compact dimensions

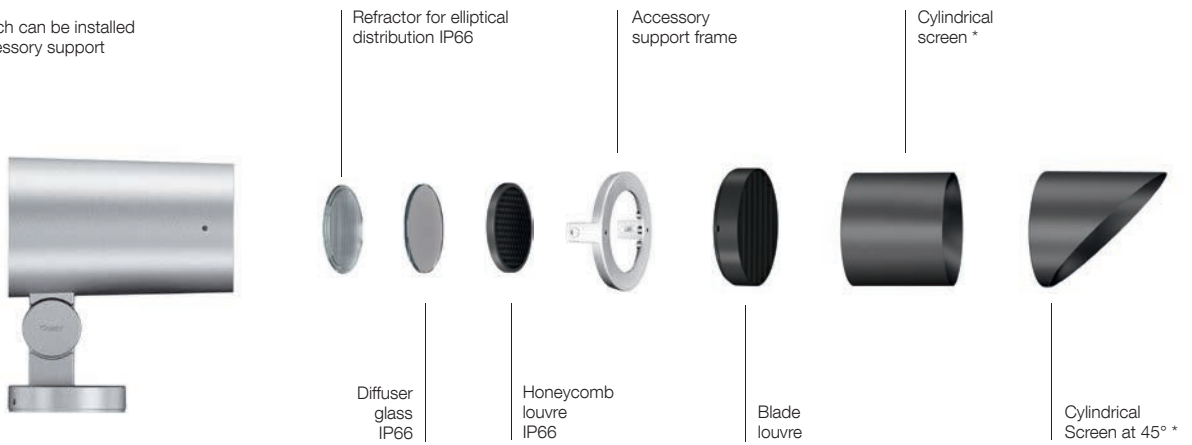
Optics



* Elliptical optics are obtained by installing the specific accessory.

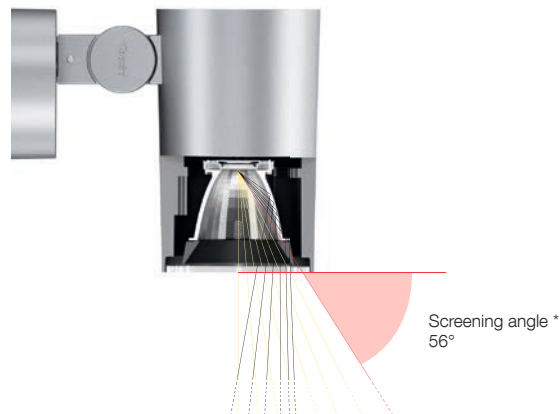
The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects. Installation is possible by using an accessory support frame, which - for internal accessories - also ensures IP66 compatibility

* Versions available which can be installed without using the accessory support frame



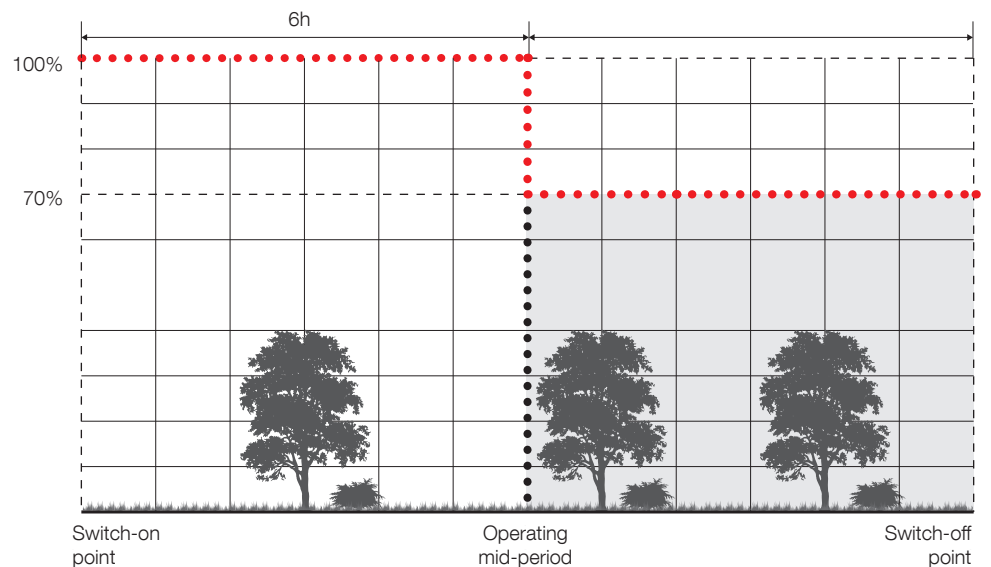
Visual Comfort

Comfort increases the more the LED source of light is hidden from view. Our floodlights have a very high screening angle* to ensure visual comfort in space, whatever their orientation.



Middle of the Night

The smart self-learning system fitted in the power supply uses an algorithm to recognise the mid point of the operation time, thus allowing for reducing the power and consequently the consumption of the luminaire according to the pre-set profile. The same power supply also provides DALI and bi-power operation.



Palco InOut

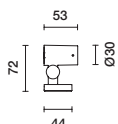
∅ 30 / ∅ 49 / ∅ 83



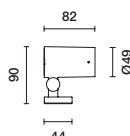
01
WHITE

15
GREY

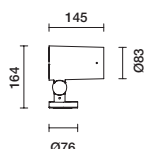
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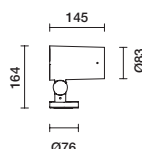
source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80					
2,5W	290	2,5W	168	14°	Q684 01-15
2,5W	290	2,5W	183	24°	Q687 01-15
3000K - CRI 80					
2,5W	260	2,5W	151	14°	Q683 01-15
2,5W	260	2,5W	164	24°	Q686 01-15
2700K - CRI 80					
2,5W	250	2,5W	145	14°	Q682 01-15
2,5W	250	2,5W	158	24°	Q685 01-15
Opti Beam Lens Class of Insulation III Power supply to be ordered separately These codes can be used at a maximum environment temperature of 50°C					



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80					
6,1W	710	6,1W	497	16°	Q690 01-15
6,1W	710	6,1W	490	24°	Q693 01-15
6,1W	710	6,1W	391	42°	Q696 01-15
3000K - CRI 80					
6,1W	660	6,1W	462	16°	Q689 01-15
6,1W	660	6,1W	455	24°	Q692 01-15
6,1W	660	6,1W	363	42°	Q695 01-15
2700K - CRI 80					
6,1W	710	6,1W	497	16°	Q688 01-15
6,1W	710	6,1W	490	24°	Q691 01-15
6,1W	710	6,1W	391	42°	Q694 01-15
Q688, Q689, Q690, Q691, Q692, Q693: Opti Beam Lens Q694, Q695, Q696: Opti Beam Reflector Class of Insulation III Power supply to be ordered separately These codes can be used at a maximum environment temperature of 50°C					



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80					
12W	1750	12W	1208	16°	Q699 01-15
12W	1750	12W	1278	26°	Q702 01-15
12W	1750	12W	1383	40°	Q705 01-15
12W	1750	12W	1470	78°	Q708 01-15
3000K - CRI 80					
12W	1700	12W	1173	16°	Q698 01-15
12W	1700	12W	1241	26°	Q701 01-15
12W	1700	12W	1343	40°	Q704 01-15
12W	1700	12W	1428	78°	Q707 01-15
2700K - CRI 80					
12W	1650	12W	1139	16°	Q697 01-15
12W	1650	12W	1205	26°	Q700 01-15
12W	1650	12W	1304	40°	Q703 01-15
12W	1650	12W	1386	78°	Q706 01-15
Opti Beam Reflector Class of Insulation III Power supply to be ordered separately Codes not for poles. These codes can be used at a maximum environment temperature of 50°C					



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80					
16W	2250	16W	1553	16°	Q711 01-15
16W	2250	16W	1643	26°	Q714 01-15
16W	2250	16W	1778	40°	Q717 01-15
16W	2250	16W	1890	78°	Q720 01-15
3000K - CRI 80					
16W	2200	16W	1518	16°	Q710 01-15
16W	2200	16W	1606	26°	Q713 01-15
16W	2200	16W	1738	40°	Q716 01-15
16W	2150	16W	1806	78°	Q719 01-15
2700K - CRI 80					
16W	2100	16W	1449	16°	Q709 01-15
16W	2100	16W	1533	26°	Q712 01-15
16W	2100	16W	1659	40°	Q715 01-15
16W	2100	16W	1764	78°	Q718 01-15
Opti Beam Reflector Class of Insulation III Power supply to be ordered separately Not for poles These codes can be used at a maximum environment temperature of 35°C					

Class III product performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

**Optical accessories**



	code	colour	code	colour	code	colour
 Accessory support frame	X243	01-15	X244	01-15	X245	01-15
 Honeycomb louvre						
IP66	X255	04	X256	04	X257	04
 Blade louvre	---	---	---	---	X267	04
 diffuser glass						
IP66	X263	65	X264	65	X265	65
 Refractor for elliptical distribution						
IP66	X259	24	X260	24	X261	24
 45° cylindrical screen						
Installation with accessory frame	X251	04	X252	04	X253	04
Installation without accessory frame	X533	04	X534	04	X535	04
 Cylindrical screen						
Installation with accessory frame	X247	04	X248	04	X249	04
Installation without accessory frame	X539	04	X540	04	X541	04
Control gear	code	colour	code	colour	code	colour
 IP68 box for multiple connections						
dim. 135x82x70h	B915	04	B915	04	---	---
 Junction box with rapid connectors						
Suitable for 2x4 mm ² cables	BZK7	15	BZK7	15	BZK7	15
 IP67 box for power supply						
dim. 140x230x95h (6PG)	9582	00	9582	00	9582	00
dim. 280x190x130h (10PG)	BZ33	00	BZ33	00	BZ33	00
 IP68 connector 5-pole	BZS6	04	BZS6	04	---	---
 2-way connector with 2 pole terminal	BZH0	00	BZH0	00	BZH0	00
 2-way junction connector - IP68	X188	00	X188	00	X188	00
 4-way junction connector - IP68	X189	00	X189	00	X189	00
 Sealed connector kit IP68 for low voltage	9581	04	9581	04	---	---

Palco InOut









∅ 30 / ∅ 49 / ∅ 83



Mounting accessories

	code	colour	code	colour	code	colour
 Spike for ground / garden application	X270	00	X270	00	X271	00
 Spike for ground / garden application with driver	X323	04	X323	04	---	---

Power supply

 Power supply On-Off IP20						
20W	MZ78	00	MZ79	00	X327	00 for Ta35° X326 00 for Ta50°
 DALI power supply unit						
18W	---	---	---	---	X325	00
38W	---	---	X300	00	---	---
60W	X301	00	---	---	---	---
 Constant current power supply unit DALI IP20 15W						
VIN = 220-240VAC 50/60Hz Iout = 350mA dimensions: 122x38x28	---	---	---	---	X286	00 for Ta50°
VIN = 220-240VAC 50/60Hz Iout = 550mA dimensions: 119x53x30	---	---	X281	00	---	---
VIN = 220-240VAC 50/60Hz Iout = 850mA dimensions: 119x53x30	X278	00	---	---	---	---
 Constant current power supply unit DALI with outgoing cables IP68 25W						
VIN = 110-240VAC 50/60Hz Iout = 350mA dim. 180x90x68	---	---	---	---	X213	00
 Constant current power supply DALI/Step-dim/ Middle of the night profile IP20 60W						
VIN = 220-240VAC 50/60Hz dimensions: 133x76x39	X277	00 Iout = 350mA for Ta35°C	X280	00 Iout = 550mA for Ta35°C	X285	00 Iout = 470mA for Ta35°C
 Constant current power supply unit DALI/Step-Dim/ Middle of the night profile IP20 40W						
VIN = 120-277VAC 50/60Hz dimensions: 133x76x39	X276	00 Iout = 850mA for Ta50°C	X279	00 Iout = 550mA for Ta50°C	---	---
 Constant current power supply unit DALI/Step-Dim/ Middle of the night profile IP20 40W						
VIN = 120-277VAC 50/60Hz dimensions: 123x79x33	---	---	---	---	X210	00 Iout = 350mA for Ta35° X284 00 Iout = 470mA for Ta50°C
 Dimmable electronic power supply unit DALI/Step-Dim/ Middle of the night profile IP20 60W						
VIN = 220-240VAC 50/60Hz Iout = 350mA dimensions: 123x79x33	---	---	---	---	X211	00 for Ta50°C



Palco InOut

∅ 83 / ∅ 119 / ∅ 137 / ∅ 153

design Artec3 Studio



∅ 83



∅ 119



∅ 137



∅ 153



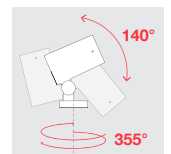
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- Floodlight luminaire intended for use with LED light sources.
- Floor, wall and ceiling installation.
- Comprising an optic compartment and power strip in die-cast aluminium and transparent, hardened sodium-calcium safety glass.
- Optical compartment with horizontal adjustment (+ 90° / -50°).
- Graduated scale and mechanical aiming lock.

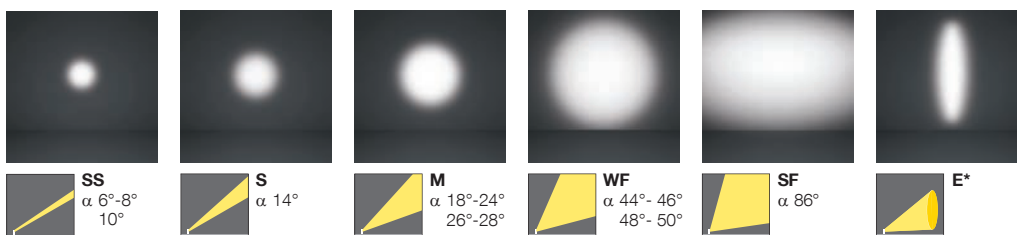
- Dual A2 stainless steel cable gland complete with output power supply cable. The cable is provided with IP68 anti-transpiration device.
- Luminaire ready for pass-through wiring.
- Product with built-in DALI power supply unit.
- Opti Beam Lens and Opti Beam Reflector optics

- Optical accessories with external mounting using an accessory support frame.
- Secured using a 360° swivel base strip
- Insulation class II.
- IP66
- All external screws used are in A2 stainless steel.



Dual rotation

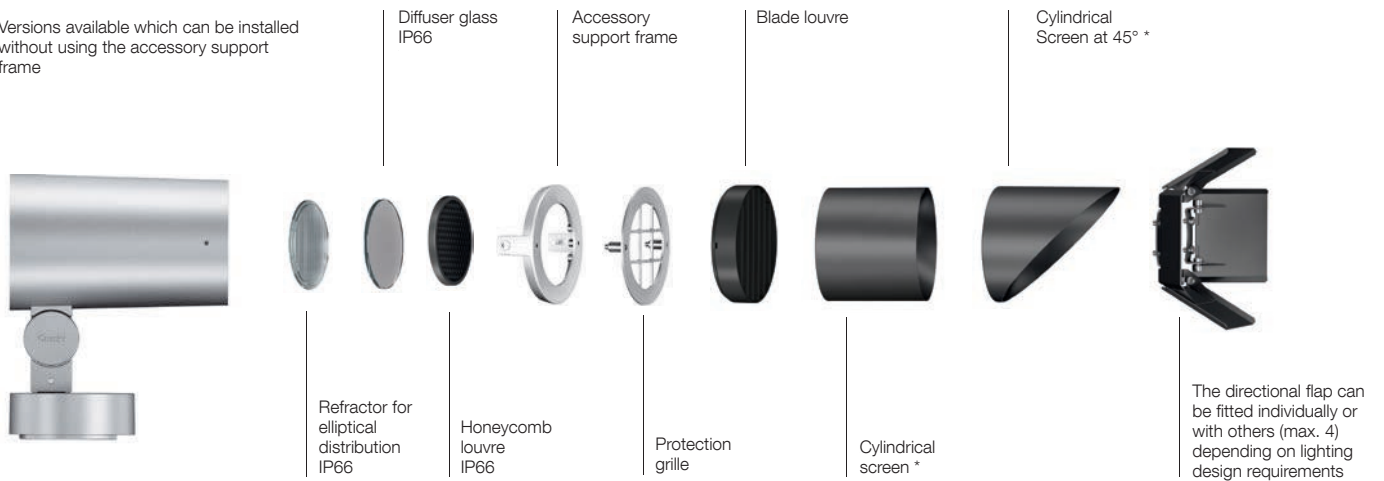
Optics



* Elliptical optics are obtained by installing the specific accessory.

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects. Installation is possible by using an accessory support frame, which - for internal accessories - also ensures IP66 compatibility

* Versions available which can be installed without using the accessory support frame



Palco InOut System

This range of floodlights can be installed on walls and poles (page 568)



Palco InOut

∅ 83 / ∅ 119 / ∅ 137 / ∅ 153



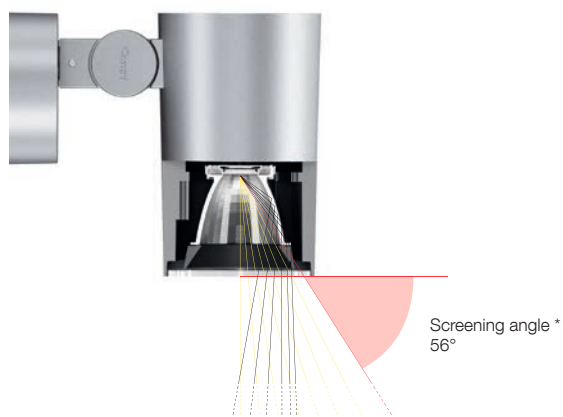
01
WHITE



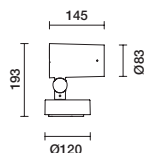
15
GREY

Visual comfort

Comfort increases the more the LED source of light is hidden from view. Our floodlights have a very high screening angle* to ensure visual comfort in space, whatever their orientation.

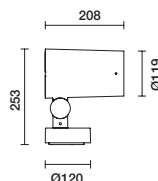


San Caetano Xunta de Galicia Building - Santiago de Compostela, Spain
Client: Xunta de Galicia
Architectural Project: Víctor Lopez Puga
Photo: David Cabezón Santos

01
WHITE15
GREY

source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - On/off					
9,1W	990	10,9W	743	8°	EH89 01-15
9,1W	990	10,9W	733	26°	EH92 01-15
9,1W	980	10,9W	686	50°	EH95 01-15
9,1W	990	10,9W	703	86°	EH98 01-15
3000K - CRI 80 - On/off					
9,1W	920	10,9W	690	8°	EH88 01-15
9,1W	920	10,9W	681	26°	EH91 01-15
9,1W	920	10,9W	644	50°	EH94 01-15
9,1W	920	10,9W	653	86°	EH97 01-15
2700K - CRI 80 - On/off					
9,1W	990	10,9W	743	8°	EH87 01-15
9,1W	990	10,9W	733	26°	EH90 01-15
9,1W	980	10,9W	686	50°	EH93 01-15
9,1W	990	10,9W	703	86°	EH96 01-15

EH87, EH88, EH89, EH90, EH91, EH92: Opti Beam Lens
 EH93, EH94, EH95, EH96, EH97, EH98: Opti Beam Reflector
 Class of Insulation II
 These codes can be used at a maximum environment temperature of 50°C. If environment temperature exceeds 40°, the emitted luminous flux is automatically reduced.



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
9,7W	1050	12,8W	525	8°	Q723 01-15
12W	1750	14,3W	1400	14°	Q726 01-15
12W	1750	14,3W	1348	24°	Q729 01-15
14W	2000	16,1W	1460	46°	Q732 01-15
14W	2050	16,1W	1722	80°	Q735 01-15
3000K - CRI 80 - DALI					
9,7W	960	12,8W	480	8°	Q722 01-15
12W	1700	14,3W	1360	14°	Q725 01-15
12W	1700	14,3W	1309	24°	Q728 01-15
14W	1950	16,1W	1424	46°	Q731 01-15
14W	1950	16,1W	1638	80°	Q734 01-15
2700K - CRI 80 - DALI					
9,7W	1050	12,8W	525	8°	Q721 01-15
12W	1600	14,3W	1280	14°	Q724 01-15
12W	1600	14,3W	1232	24°	Q727 01-15
14W	1850	16,1W	1351	46°	Q730 01-15
14W	1900	16,1W	1596	80°	Q733 01-15

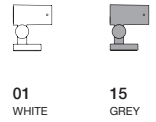
Q721, Q722, Q723, Q724, Q725, Q726, Q727, Q728, Q729: Opti Beam Lens
 Q730, Q731, Q732, Q733, Q734, Q735: Opti Beam Reflector
 Class of Insulation II
 These codes can be used at a maximum environment temperature of 50°C.
 If environment temperature exceeds 40°, the emitted luminous flux is automatically reduced.

LED					
4000K - CRI 80 - DALI					
16W	2100	18,3W	1680	14°	EI01 01-15
16W	2100	18,3W	1617	24°	EI04 01-15
24W	2900	26,5W	2117	46°	EI07 01-15
24W	3000	26,5W	2520	80°	EI10 01-15
3000K - CRI 80 - DALI					
16W	2050	18,3W	1640	14°	EI00 01-15
16W	2050	18,3W	1579	24°	EI03 01-15
24W	2850	26,5W	2081	46°	EI06 01-15
24W	2950	26,5W	2478	80°	EI09 01-15
2700K - CRI 80 - DALI					
16W	1950	18,3W	1560	14°	EH99 01-15
16W	1950	18,3W	1502	24°	EI02 01-15
24W	2700	26,5W	1971	46°	EI05 01-15
24W	2800	26,5W	2352	80°	EI08 01-15

EH99, EI00, EI01, EI02, EI03, EI04: Opti Beam Lens
 EI05, EI06, EI07, EI08, EI09, EI10: Opti Beam Reflector
 Class of Insulation II
 These codes can be used at a maximum environment temperature of 35°C

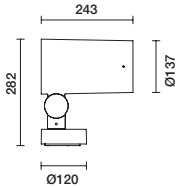
Palco InOut

∅ 83 / ∅ 119 / ∅ 137 / ∅ 153



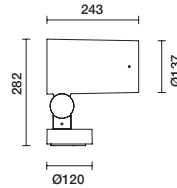
iguzzini.com code finder / download design files / save and organize favorites

new
Available from March



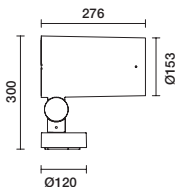
source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
12W	1200	15,6W	648	4° / 6°	EI66 01-15
15W	2050	18,1W	1230	10°	EF38 01-15
17W	2600	20,4W	2054	18°	EF40 01-15
17W	2600	20,4W	2054	28°	EF42 01-15
27W	3750	31,3W	2963	44°	EF44 01-15
27W	3750	31,3W	3375	80°	EF46 01-15
3000K - CRI 80 - DALI					
12W	1050	15,6W	567	4° / 6°	EI65 01-15
15W	2000	18,1W	1200	10°	EF37 01-15
17W	2550	20,4W	2015	18°	EF39 01-15
17W	2550	20,4W	2015	28°	EF41 01-15
27W	3650	31,3W	2884	44°	EF43 01-15
27W	3650	31,3W	3285	80°	EF45 01-15

EI65, EI66, EF37, EF38, EF39, EF40, EF41, EF42: Opti Beam Lens
EF43, EF44, EF45, EF46: Opti Beam Reflector
Class of Insulation II
These codes can be used at a maximum environment temperature of 50°C. If environment temperature exceeds 40°, the emitted luminous flux is automatically reduced.



source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
23W	3200	25,7W	2528	18°	EI68 01-15
23W	3200	25,7W	2528	28°	EI70 01-15
34W	4350	38W	3437	44°	EI72 01-15
34W	4350	37,9W	3915	80°	EI74 01-15
3000K - CRI 80 - DALI					
23W	3100	25,7W	2449	18°	EI67 01-15
23W	3100	25,7W	2449	28°	EI69 01-15
34W	4250	38W	3358	44°	EI71 01-15
34W	4200	37,9W	3780	80°	EI73 01-15

EI67, EI68, EI69, EI70: Opti Beam Lens
EI71, EI72, EI73, EI74: Opti Beam Reflector
Class of Insulation II
These codes can be used at a maximum environment temperature of 35°C

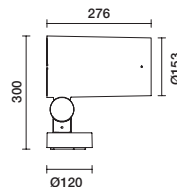


source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
42W	6400	47,3W	4800	16°	EF50 01-15
42W	6400	47,3W	4864	30°	EF52 01-15
42W	6400	47,3W	4928	48°	EF54 01-15
43W	6400	48,5W	5440	76°	EF56 01-15
3000K - CRI 80 - DALI					
42W	6250	47,3W	4688	16°	EF49 01-15
42W	6250	47,3W	4750	30°	EF51 01-15
42W	6250	47,3W	4813	48°	EF53 01-15
43W	6250	48,5W	5313	76°	EF55 01-15

Opti Beam Reflector
Class of Insulation II
These codes can be used at a maximum environment temperature of 50°C.
If environment temperature exceeds 40°, the emitted luminous flux is automatically reduced.

LED					
4000K - CRI 80 - DALI					
53W	7550	58,9W	5663	16°	EI76 01-15
53W	7550	58,9W	5738	30°	EI78 01-15
53W	7550	58,9W	5814	48°	EI80 01-15
53W	7450	58,8W	6333	76°	EI82 01-15
3000K - CRI 80 - DALI					
53W	7350	58,9W	5513	16°	EI75 01-15
53W	7350	58,9W	5586	30°	EI77 01-15
53W	7350	58,9W	5660	48°	EI79 01-15
53W	7250	58,8W	6163	76°	EI81 01-15

Opti Beam Reflector
Class of Insulation II
These codes can be used at a maximum environment temperature of 35°C

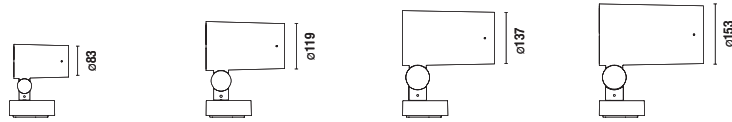


source		system		optic	code colour
W	lm	W	lm		
High Output					
LED					
4000K - CRI 80 - DALI					
58W	8300	77W	5900	16°	ES78 01-15
58W	8300	77W	7900	30°	ES79 01-15
58W	8300	77W	6000	45°	ES80 01-15
58W	8300	77W	6700	80°	ES81 01-15
3000K - CRI 80 - DALI					
58W	8300	77W	5760	16°	ES82 01-15
58W	8300	77W	5850	30°	ES83 01-15
58W	8300	77W	5920	45°	ES84 01-15
58W	8300	77W	6500	80°	ES85 01-15




Opti Beam Reflector
Class of Insulation II
These codes can be used at a maximum environment temperature of 50°C.
If environment temperature exceeds 40°, the emitted luminous flux is automatically reduced.

High Output					
LED					
4000K - CRI 80 - DALI					
77W	10400	77W	7360	16°	ES86 01-15
77W	10400	77W	7500	30°	ES87 01-15
77W	10400	77W	7550	45°	ES88 01-15
77W	10400	77W	8200	80°	ES89 01-15
3000K - CRI 80 - DALI					
77W	10400	77W	7160	16°	ES90 01-15
77W	10400	77W	7250	30°	ES91 01-15
77W	10400	77W	7400	45°	ES92 01-15
77W	10400	77W	8000	80°	ES93 01-15

Opti Beam Reflector
Class of Insulation II
These codes can be used at a maximum environment temperature of 35°C.













Mounting accessories

	code	colour	code	colour	code	colour	code	colour
 Spike for ground / garden application	X272	00	X272	00	---	---	---	---
 multiple support for 2 floodlights	6014	15	6014	15	6014	15	6014	15
 multiple support for 3 floodlights	6015	15	6015	15	6015	15	6015	15



Optical accessories

	code	colour	code	colour	code	colour	code	colour
 Accessory support frame	X245	01-15	X246	01-15	X302	01-15	X303	01-15
 Honeycomb louvre								
IP66	X257	04	X258	04	X308	04	X309	04
 Blade louvre	X267	04	X268	04	X314	04	X315	04
 Diffuser glass								
IP66	X265	65	X266	65	X312	65	X313	65
 Refractor for elliptical distribution								
IP66	X261	24	X262	24	X310	24	X311	24
 45° cylindrical screen								
Installation with accessory frame	X253	04	X254	04	X306	04	X307	04
Installation without accessory frame	X535	04	X536	04	X537	04	X538	04
 Cylindrical screen								
Installation with accessory frame	X249	04	X250	04	X304	04	X305	04
Installation without accessory frame	X541	04	X542	04	X543	04	X544	04
 Frame (Horizontal directional fins)	---	---	X320	04 for X269	X321	04 for X316	X322	04 for X317
 Single directional fin	---	---	X269	04	X316	04	X317	04
 Protection grille	---	---	X275	78	X318	78	X319	78



ø 30



ø 116



ø 116



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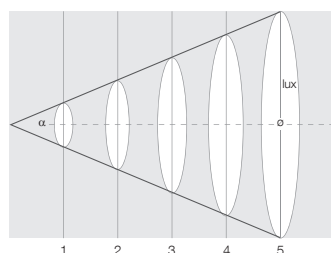


- Floodlight luminaire intended for use with LED light sources.
- Floor, wall and pole mount installation.
- Comprising an optical compartment and base strip in die-cast aluminium and transparent tempered sodium-calcium safety glass.
- Adjustable optical compartment in the horizontal plane (+90°/-50°).

- Graduated scale and mechanical aiming lock.
- Dual A2 stainless steel cable gland complete with output power supply cable.
- Ø116mm product with built-in DALI power supply unit.
- Palco InOut Ø30 mm Insulation class III, Palco InOut Ø116 mm

- Insulation class II.
- IP66 / IK07
- All external screws used are in A2 stainless steel.

Lighting values - ø 30



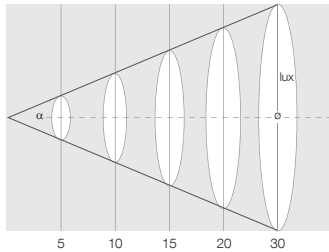
m	ø 2 (α = 9°)		ø 3 (α = 13°)		ø 4 (α = 17°)		ø 5 (α = 22°)	
	ø	lux	ø	lux	ø	lux	ø	lux
1	0,15	270	0,23	263	0,3	213	0,38	182
2	0,3	64	0,46	66	0,6	53	0,76	45
3	0,47	27	0,68	27	0,9	24	1,17	19
4	0,63	15	0,91	15	1,2	14	1,55	11
5	0,78	10	1,14	9	1,5	8	1,94	7

Metal gobo
Available with four different diameters, built into the product to create circular shapes.



Photometric data refer to the Metal gobos (ø 2 / ø 3 / ø 4 / ø 5) supplied with the appliance and a colour temperature of 3000K.

Lighting values and lighting effects ø 116



m	1000lm version				2000lm version			
	ø 30 (α = 20°)		ø 40 (α = 25°)		ø 30 (α = 20°)		ø 40 (α = 25°)	
	ø	lux	ø	lux	ø	lux	ø	lux
5	1,70	320	2,30	275	1,70	560	2,30	481,25
10	3,35	80	4,61	64	3,35	140	4,61	80
15	5,02	36	6,65	28	5,02	63	6,65	49
20	6,70	20	9,25	16	6,70	35	9,25	28
30	10,04	9	13,8	7	10,04	15,75	13,8	12,25

Metal gobo

Available in two different diameters; integrated with the product to create circular shapes.

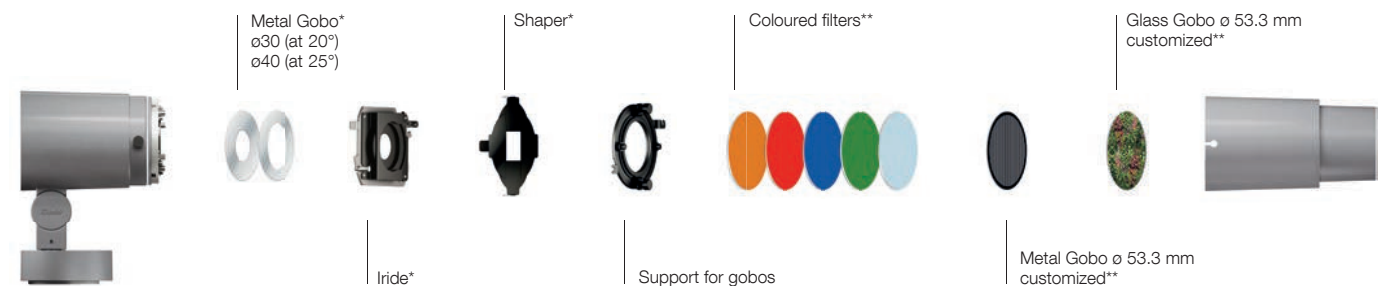


Photometric data refer to the Metal gobos (ø 30 and ø 40) supplied with the appliance and a colour temperature of 3000K. For Ta40 versions, performance is reduced by 13%.

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.

* Supplied with the product.

** Installation allowed with a support for gobos.

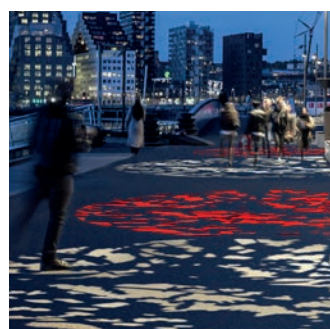


Customised gobo in dichroic glass.

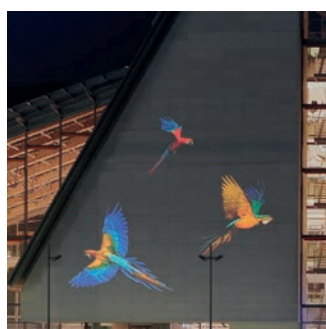
Ideal for projecting images, logos and wording in colour or black&white on walls and floors. Easy to install thanks to the rotating magnetic support.



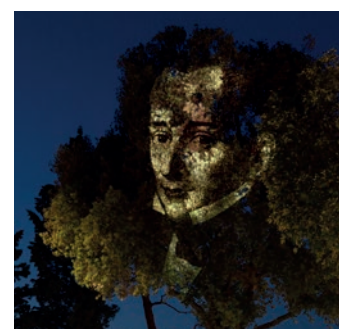
Linear image projection with dichroic gobos on accessory support holder.



Light/shadow image projection with dichroic gobos and colour filter, on accessory support holder.



Outline image projection with dichroic gobos on accessory support holder and shaper.



3D effect image projection with dichroic gobos on accessory support holder.

Palco InOut Framer

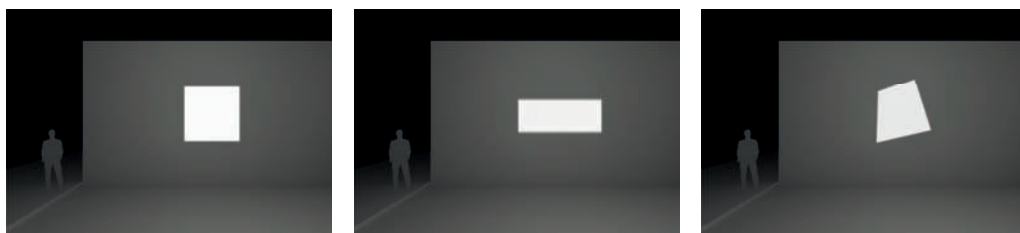
Customised gobo in metal.

Ideal for projecting images, logos and wording in black&white on walls and floors. Easy to install thanks to the magnetic system.



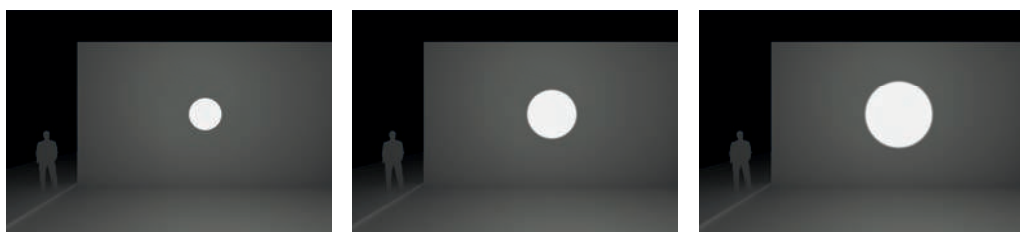
Shaper

Integrated into the product to create square or rectangular variable-side geometries.



Iride

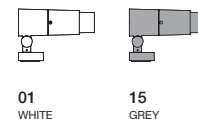
This accessory is used to create variable circular light beam measurements (MXQ1).



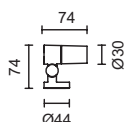
Palco InOut system

The \varnothing 116 framer can be installed on walls and on poles (page 568)

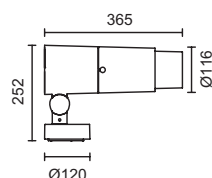




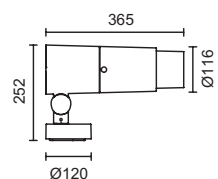
source		system		code	colour
W	lm	W	lm		
LED					
4000K - CRI 80 - On/off					
2,5W	290	2,5W	6	EN22	01-15
3000K - CRI 80 - On/off					
2,5W	260	2,5W	5	EN21	01-15
2700K - CRI 80 - On/off					
2,5W	250	2,5W	5	EN20	01-15
Class of Insulation III Power supply to be ordered separately These codes can be used at a maximum environment temperature of 50°C					



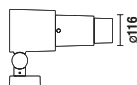
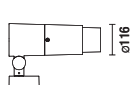
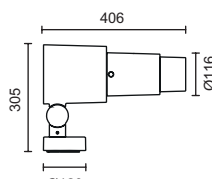
source		system		code	colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
30W	4000	34,6W	1000	EN25	01-15
3000K - CRI 80 - DALI					
30W	3900	34,6W	975	EN24	01-15
2700K - CRI 80 - DALI					
30W	3750	34,6W	938	EN23	01-15
Class of Insulation II These codes can be used at a maximum environment temperature of 35°C					



source		system		code	colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
25W	3450	28,2W	863	EN28	01-15
3000K - CRI 80 - DALI					
25W	3350	28,2W	838	EN27	01-15
2700K - CRI 80 - DALI					
25W	3200	28,2W	800	EN26	01-15
Class of Insulation II These codes can be used at a maximum environment temperature of 50°C. If environment temperature exceeds 40°, the emitted luminous flux is automatically reduced.					



source		system		code	colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
62W	8500	25W	2000	EJ32	01-15
3000K - CRI 80 - DALI					
62W	8500	25W	2000	EJ33	01-15
2700K - CRI 80 - DALI					
62W	8500	25W	2000	EJ34	01-15
Class of Insulation II These codes can be used at a maximum environment temperature of 35°C					
LED					
4000K - CRI 80 - DALI					
44W	6500	25W	2000	EJ35	01-15
3000K - CRI 80 - DALI					
44W	6500	25W	2000	EJ36	01-15
2700K - CRI 80 - DALI					
44W	6500	25W	2000	EJ37	01-15
Class of Insulation II These codes can be used at a maximum environment temperature of 50°C. If environment temperature exceeds 40°, the emitted luminous flux is automatically reduced.					



Optical accessories

	code	colour	code	colour	code	colour
Support complete with iris	---	---	MXQ1	00	MXQ1	00
Mounting accessories	code	colour	code	colour	code	colour
Spike for ground / garden application	X270	00	---	---	---	---
Spike for ground / garden application with driver	X323	04	---	---	---	---
multiple support for 2 floodlights	---	---	6014	15	6014	15
multiple support for 3 floodlights	---	---	6015	15	6015	15
Adjustable support for gobos	---	---	X457	00	X457	00

Power supply

	code	colour
Power supply On-Off IP20		
20W	MZ78	00
Constant current power supply unit DALI IP20 15W		
V _{IN} = 220-240VAC 50/60Hz I _{out} = 850mA dimensions: 119x53x30	X278	00
Constant current power supply unit DALI/Step-Dim/Middle of the night profile IP20 40W		
V _{IN} = 120-277VAC 50/60Hz dimensions: 133x76x39	X276	00
I _{out} = 850mA for Ta50°C		



∅ 51
page 717



∅ 81
page 717



∅ 132
page 720

Ceiling
pages 886-887

∅ 51



∅ 81



∅ 132



∅ 155



∅ 192



Wall
pages 886-887

∅ 51



∅ 81



∅ 132



∅ 155



∅ 192



Lighting effects
page 886



Down light
L



Down light
L



Up / Downlight
L/F
SF/SF
L/L



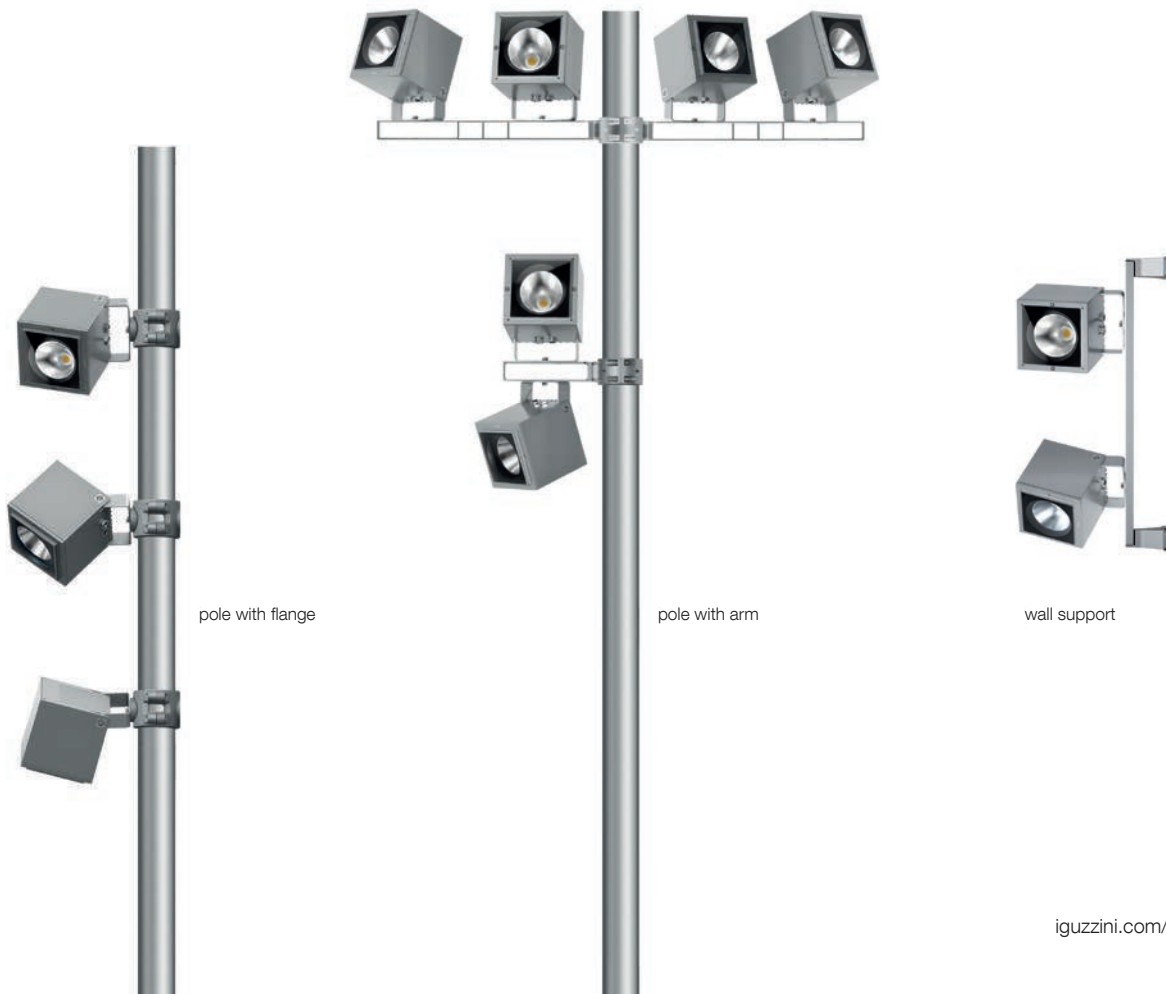
155
page 720



192
page 720

Pole-mounted system

The 192 floodlight can be installed on poles (Multipro system on page 572) and walls by using a specific accessory.



pole with flange

pole with arm

wall support





Ø51



Ø51



Ø81



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- Direct light luminaire intended for use with LED light sources.
- Floor, wall, ceiling and garden installation.
- Optical compartment and rear cap in die-cast aluminium; transparent hardened, sodium-calcium safety glass, 4 mm thick, applied with silicone on the optical chamber.
- Front cylinder versions (for pure light beam) in methacrylate painted black mounted with silicone on the optical compartment.

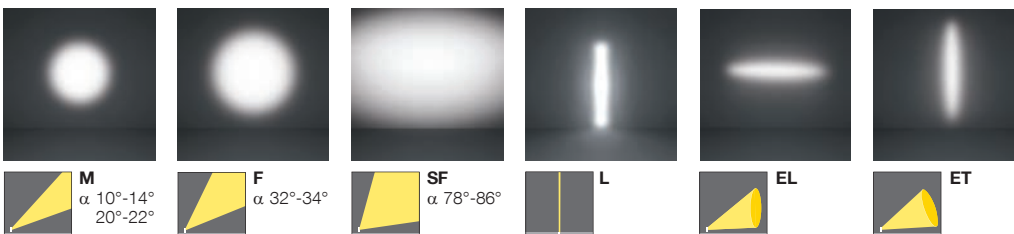
- All products are complete with thermoplastic high reflection lenses or luminous flux recovery units.
- Mini body versions complete with electronic power supply unit; micro body with electronic power supply to be ordered separately except ground/garden versions with in-ground spike (power supply integrated).
- LED versions are available with dynamic RGB colour change compatible with light management systems.

- Graduated scale and mechanical aiming lock.
- Luminaire ready for pass-through wiring.
- All external screws used are in A2 stainless steel.
- IP66 (IP67 optical chamber below ground for spike version).



Compact dimensions

Optics



Hotel QO - Amsterdam, Netherlands

Client: Amstelside bv
 Architectural Project: Mulderblauw architecten / Paul de Ruiter Architects
 Interior design: Tank / Conran and Partners
 Sustainability, building services and fire engineering: Arup
 Lighting project: Beersnielsen lighting designers
 Photo: Jonathan Andrew Photography



01
WHITE



15
GREY

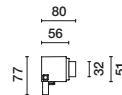


source		system		optic	code colour
W	lm	W	lm		
□ 51					
LED					
4000K - CRI 80					
3,2W	370	3,2W	244	10°	BJ90 01-15
4,2W	590	4,2W	389	22°	BJ94 01-15
4,2W	590	4,2W	348	34°	BJ98 01-15
3,2W	370	3,2W	200	86°	BK00 01-15
3000K - CRI 80					
3,2W	370	3,2W	244	10°	BJ91 01-15
4,2W	590	4,2W	389	22°	BJ95 01-15
4,2W	590	4,2W	348	34°	BJ99 01-15
3,2W	370	3,2W	200	86°	BK01 01-15

Power supply to be ordered separately to 500mA.
BJ90 - BJ91 - BK00 - BK01: power supply codes max1050 mA (for the a 500mA data refer to the on-line catalogue).

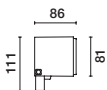
□ 51					
LED					
4000K - CRI 80					
4,2W	590	4,2W	41	L	BJ88 01-15
3000K - CRI 80					
4,2W	590	4,2W	41	L	BJ89 01-15

Power supply to be ordered separately to 500mA.



source		system		optic	code colour
W	lm	W	lm		
□ 51					
LED					
4000K - CRI 80					
3,2W	370	3,2W	218	10°	BJ92 01-15
4,2W	590	4,2W	218	20°	BJ96 01-15
3000K - CRI 80					
3,2W	370	3,2W	218	10°	BJ93 01-15
4,2W	590	4,2W	218	20°	BJ97 01-15

Power supply to be ordered separately to 500mA.
BJ92 - BJ93: Power supply codes max1050 mA (for the a 500mA data refer to the on-line catalogue).























source		system		optic	code colour
W	lm	W	lm		
□ 81					
LED					
4000K - CRI 80					
6,2W	810	7,7W	599	14°	BK18 01-15
6,2W	810	7,7W	494	32°	BK24 01-15
6,2W	810	7,7W	437	78°	BK26 01-15
6,2W	810	7,7W	551	ET	BK20 01-15
6,2W	810	7,7W	551	EL	BK22 01-15
3000K - CRI 80					
6,2W	810	7,7W	599	14°	BK19 01-15
6,2W	810	7,7W	494	32°	BK25 01-15
6,2W	810	7,7W	437	78°	BK27 01-15
6,2W	810	7,7W	551	ET	BK21 01-15
6,2W	810	7,7W	551	EL	BK23 01-15

Complete with power supply
Class of Insulation II

□ 81					
LED					
RGB					
4W	180	4,3W	67	32°	BK28 01-15

DALI or DMX-RDM driver group to be ordered separately.

		
Mounting accessories	code colour	code colour
 Adjustable spike for ground / garden installation	---	BZ60 00
 Spike for ground / garden application	X270 00	X271 00
 Spike for ground / garden application with driver	X323 04	---
Control gear	code colour	code colour
 Junction box with rapid connectors		
Suitable for 2x4 mm ² cables	BZK7 15	---
 IP67 box for power supply		
dim. 140x230x95h (6PG)	9582 00 for BZM4-X214-X217-X434-X435	---
dim. 280x190x130h (10PG)	---	BZ33 00 for BZM4-X214-X217-X434-X435
 2-way connector with 2 pole terminal IP68		
Suitable for 2x2.5 mm ² cables	BZK6 00	---
 Sealed connector kit IP68 for low voltage	9581 04	9581 04

		
Power supply	code colour	code colour
 Constant current power supply DALI IP20 50W		
VIN = 220-240VAC 50/60Hz Iout = 350÷1050mA dimensions: 125x80x22	BZM4 00	---
 Constant current power supply unit DALI with outgoing cables IP68 35W		
VIN = 110-240VAC 50/60Hz Iout = 500mA dim. 180x90x68	X216 00	---
 Constant current power supply unit DALI/Step-Dim/Middle of the night profile IP20 40W		
VIN = 120-277VAC 50/60Hz Iout = 500mA dimensions: 123x79x33	X214 00	---
 Constant current power supply - IGBT + TRIAC IP20 24W		
VIN = 220÷240VAC 50/60Hz Iout = 150÷500mA dimensions: 166x33,5x34	X434 00	---
 Constant current power supply unit DALI with outgoing cables IP68 60W		
VIN = 110-240VAC 50/60Hz Iout = 1050mA dim. 180x90x68	X433 00	---
 Non-dimmable constant current power supply IP20 42W		
VIN = 220÷240VAC 50/60Hz Iout = 300÷1050mA dimensions: 97x42,5x30	X435 00	---
 Dimmable electronic power supply unit DALI/Step-Dim/Middle of the night profile IP20 60W		
VIN = 220-240VAC 50/60Hz Iout = 500mA dimensions: 133x76x39	X217 00	---
 Driver group - Class II 220-240Vac		
With DALI 350mA control interface and electronic power supply 30W 28Vdc. Uses 3 DALI addresses	---	9856 00 for connecting max 2 devices BK28
 DMX512-RDM Driver Group for Multichip RGB LEDs		
With DMX-RDM control interface and electronic power supply 30W 28Vdc	---	X001 00 for connecting max 2 devices BK28

□ 132 / □ 155 / □ 192



□ 132



□ 155



□ 192



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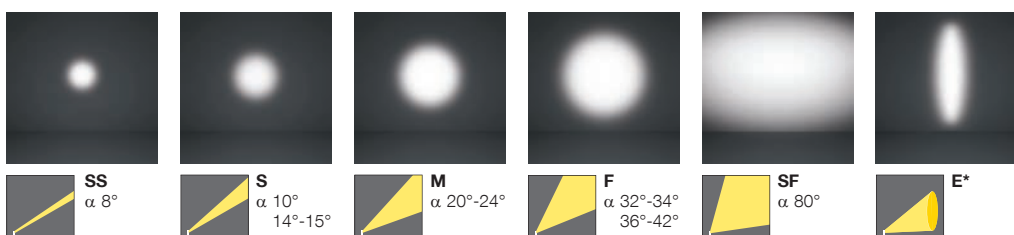
- Direct light luminaire intended for use with LED light sources.
- Wall, ceiling and floor installation using a bracket and pole.
- Optical compartment and front frame in die-cast material; 5 mm thick transparent tempered sodium-calcium safety glass, secured to the frame with silicone.
- Bracket in extruded aluminium with screen-printed graduated scale to facilitate aiming operations.
- Internal gaskets water-sealed with silicone.

- Circular and asymmetrical longitudinal reflectors in 99.93% super-pure, anodised and polished aluminium.
- Crossways asymmetrical reflector in 99.85% super-pure anodised aluminium.
- High level of light output.
- Opti Beam Lens, Opti Smart Reflector and Opti Smart Reflector optics
- Monochrome LED versions with 9/16/25 LED circuit, optics with plastic lens, customised screen-

- printed glass and built-in 100-265Vac 50/60Hz electronic power supply unit.
- RGBW and Tunable white LED versions complete with power supply unit and DMX512-RDM control board.
- COB Monochromatic, Tunable White (DALI and DMX) versions
- Graduated scale and mechanical aiming lock.
- Luminaire ready for pass-through wiring.
- Class II luminaire pre-set for class I

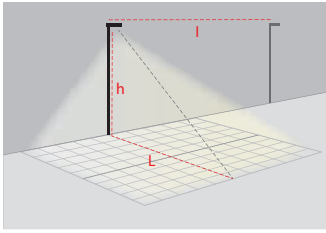
- All external screws used are in A2 stainless steel.

Optics

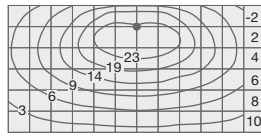
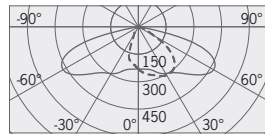


* Elliptical optics are obtained by installing the specific accessory.

ST - Road optics

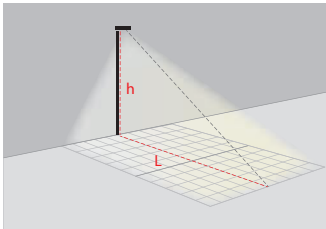


$d = L/h$
h = Installation height
L = Width of area to illuminate
l = Distance between poles

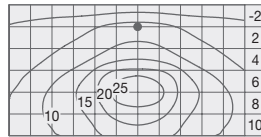
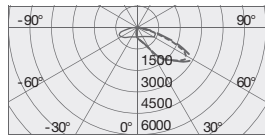


ST1
 Street Optic for intense vehicle traffic,
 urban and suburban areas
 $l = 4h$
 $d = 1$
Intensity Class: G*4(Reflector)

A - Asymmetric optic

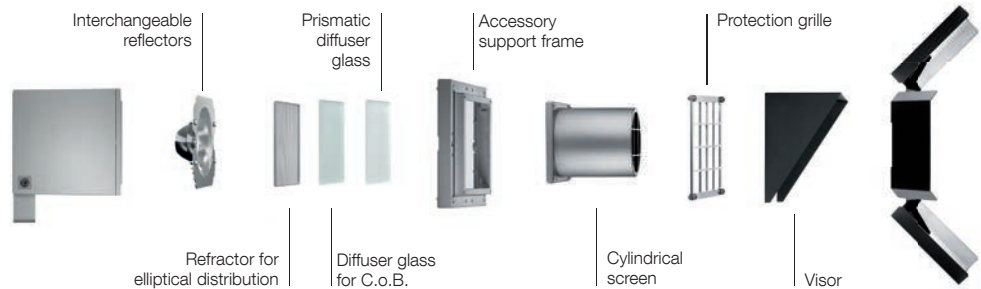


$d = L/h$
h = Installation height
L = Width of area to illuminate



A60
 60° Asymmetric Optic
 for parking areas and large open spaces
 $h = 7$
 $d = 2$

The accessories allow for changing the features of the light produced by each luminaire to obtain highly professional lighting effects. The combination of filters allows the chromatic characteristics of the source to be modified in order to enhance illuminated objects or settings.



The directional flap can be fitted individually or with others (max. 4) depending on lighting design requirements

iPro System

This range of floodlights can be installed on poles (page 572) and walls/ceilings (pages 886-887)



pole with arm



pole with flange



wall support



01
WHITE



15
GREY

Multiple optics and distributions

Every effect has its optics.
 We optimise LEDs, emission,
 distribution and application effects by
 designing dedicated optics.



LED Multi Chip



Led C.o.B.



Led C.o.B.
Opti Beam Lens



Led C.o.B.
Opti Smart Lens

Cut-off angle

Comparison between cut-off angles
 LED Multi Chip and LED C.o.B.
 versions

LED Multi Chip



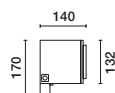
LED C.o.B.



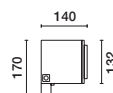
Cut Off	Body	α
	132	30°
	155	30°
	192	30°
	132	50°
	155	55°
	192	56°

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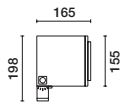
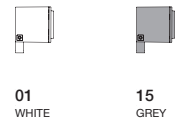
new
Available



source	system		optic		code	colour
W	lm	W	lm			
□ 132 - C.o.B.						
LED						
4000K - CRI 80 - On/off						
12W	1800	13,9W	1440	27° / 26°	EP50	01-15
12W	1800	13,9W	1458	44°	EP52	01-15
12W	1800	13,9W	1368	81° / 80°	EP54	01-15
3000K - CRI 80 - On/off						
12W	1750	13,9W	1400	27° / 26°	EP51	01-15
12W	1750	13,9W	1418	44°	EP53	01-15
12W	1750	13,9W	1330	81° / 80°	EP55	01-15
Complete with power supply. iPro □ 132 floodlights can be wall-mounted using the special base BZ18.						
LED						
4000K - CRI 80 - On/off						
9,4W	1100	11,1W	781	10°	EP46	01-15
9,4W	1100	11,1W	781	12° / 13°	EP48	01-15
3000K - CRI 80 - On/off						
9,4W	1050	11,1W	746	10°	EP47	01-15
9,4W	1050	11,1W	746	12° / 13°	EP49	01-15
EP46, EP47, EP48, EP49: Opti Beam Lens						



source	system		optic		code	colour
W	lm	W	lm			
□ 132 - Multi Chip						
LED						
4000K - CRI 80						
16W	2100	17,8W	1638	10°	BD34	01-15
16W	2100	17,8W	1449	20°	BD36	01-15
3000K - CRI 80						
16W	2100	17,8W	1638	10°	BD35	01-15
16W	2100	17,8W	1449	20°	BD37	01-15
Complete with power supply. iPro □ 132 floodlights can be wall-mounted using the special base BZ18.						

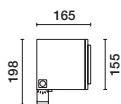


source		system		optic	code colour
W	lm	W	lm		
□ 155 - C.o.B.					
LED					
4000K - CRI 80 - DALI					
17W	2550	19,5W	1862	27°	EP60 01-15
17W	2550	19,5W	1913	47° / 46°	EP62 01-15
17W	2550	19,5W	1887	76° / 77°	EP64 01-15
3000K - CRI 80 - DALI					
17W	2500	19,5W	1825	27°	EP61 01-15
15W	2500	19,5W	1875	47° / 46°	EP63 01-15
17W	2500	19,5W	1850	76° / 77°	EP65 01-15
Tunable White - DALI					
15W	2050	18,1W	1394	28°	EP66 01-15
15W	2050	18,1W	1435	46° / 45°	EP67 01-15
15W	2050	18,1W	1374	76°	EP68 01-15
Tunable White - DMX					
15W	2050	18,1W	1394	28°	EP69 01-15
15W	2050	18,1W	1435	46° / 45°	EP70 01-15
15W	2050	18,1W	1374	76°	EP71 01-15

Complete with power supply.
iPro □ 155 floodlights can be wall-mounted using the special base BZ19.

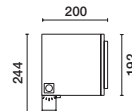
source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
9,3W	1050	11,2W	578	8°	EP56 01-15
12W	1750	14W	1400	15° / 14°	EP58 01-15
3000K - CRI 80 - DALI					
9,3W	1000	11,2W	550	8°	EP57 01-15
12W	1700	14W	1360	15° / 14°	EP59 01-15

EP56, EP57, EP58, EP59: Opti Beam Lens



source		system		optic	code colour
W	lm	W	lm		
□ 155 - Multi Chip					
LED					
4000K - CRI 80 - DALI					
23W	3150	25,1W	2457	10°	BD46 01-15
23W	3150	25,1W	2079	20°	BD48 01-15
3000K - CRI 80 - DALI					
23W	3150	25,1W	2457	10°	BD47 01-15
23W	3150	25,1W	2079	20°	BD49 01-15

Complete with power supply.
iPro □ 155 floodlights can be wall-mounted using the special base BZ19.



source		system		optic	code colour
W	lm	W	lm		
□ 192 - C.o.B.					
LED					
4000K - CRI 80 - DALI					
53W	7750	59,2W	6278	17° / 16°	EP88 01-15
23W	3850	26,8W	3119	32°	EP76 01-15
40W	6200	45,3W	5022	32°	EP82 01-15
53W	7750	59,2W	6278	32°	EP90 01-15
23W	3850	26,8W	3119	46° / 47°	EP78 01-15
40W	6200	45,3W	5022	46° / 47°	EP84 01-15
53W	7750	59,2W	6278	46° / 47°	EP92 01-15
23W	3850	26,8W	3080	80° / 82°	EP80 01-15
40W	6200	45,3W	4960	80° / 82°	EP86 01-15
53W	7750	59,2W	6200	80° / 82°	EP94 01-15
3000K - CRI 80 - DALI					
53W	7550	59,2W	6116	17° / 16°	EP89 01-15
23W	3750	26,8W	3038	32°	EP77 01-15
40W	6050	45,3W	4901	32°	EP83 01-15
53W	7550	59,2W	6116	32°	EP91 01-15
23W	3750	26,8W	3038	46° / 47°	EP79 01-15
40W	6050	45,3W	4901	46° / 47°	EP85 01-15
53W	7550	59,2W	6116	46° / 47°	EP93 01-15
23W	3750	26,8W	3000	80° / 82°	EP81 01-15
40W	6050	45,3W	4840	80° / 82°	EP87 01-15
53W	7550	59,2W	6040	80° / 82°	EP95 01-15

Complete with power supply. DALI versions occupy 1 address.
iPro □ 192 floodlights can be wall-mounted using the special base BZM5.

source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
16W	2150	18,3W	1269	10°	EP74 01-15
4000K - CRI 80 - DALI					
11W	1250	14,1W	725	6°	EP72 01-15
3000K - CRI 80 - DALI					
16W	2100	18,3W	1239	10°	EP75 01-15
3000K - CRI 80 - DALI					
11W	1200	14,1W	696	6°	EP73 01-15

Complete with power supply. DALI versions occupy 1 address.
iPro □ 192 floodlights can be wall-mounted using the special base BZM5.

source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - DALI					
16W	2150	18,3W	1269	10°	EP74 01-15
4000K - CRI 80 - DALI					
11W	1250	14,1W	725	6°	EP72 01-15
3000K - CRI 80 - DALI					
16W	2100	18,3W	1239	10°	EP75 01-15
3000K - CRI 80 - DALI					
11W	1200	14,1W	696	6°	EP73 01-15

EP72, EP73, EP74, EP75: Opti Beam Lens



01
WHITE



15
GREY

new
Available



source		system		optic	code	colour
W	lm	W	lm			

□ 192 - Multi Chip

LED

4000K - CRI 80 - DALI						
28W	4000	31,1W	3280	12° / 10°	BG35	01-15
28W	4000	31,1W	2920	20°	BG37	01-15

3000K - CRI 80 - DALI						
28W	4000	31,1W	3280	12° / 10°	BG36	01-15
28W	4000	31,1W	2920	20°	BG38	01-15

Complete with power supply
 iPro □ 192 floodlights can be wall-mounted using the special base BZM5.

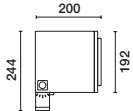
□ 192 - Multi Chip

LED

RGB - DMX-RDM						
24W	1350	30W	983	14°	BV60	01-15
24W	1350	30W	957	32°	BV61	01-15

Tunable White - CRI 80 - DMX-RDM						
28W	3950	33,8W	3239	12° / 10°	BV62	01-15
28W	3950	33,8W	2844	34°	BV63	01-15

Complete with power supply and electronic DMX512-RDM control card. DMX specifications require the insertion of a 120 Ohm terminating resistor (code BZQ7) to be placed between the DATA+ and DATA- cables of the last product in the line.
 iPro floodlights □ 192 can be wall-mounted using the special base BZM5.
 Tunable white: 2700K÷6000K



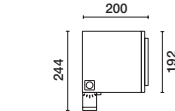
source		system		optic	code	colour
W	lm	W	lm			

□ 192 - Multi Chip

LED

RGBW - DMX-RDM						
24W	2000	30,6W	1080	10°	JNN1	01-15
24W	2000	30,6W	1060	38° / 36°	JNN2	01-15

Complete with power supply and electronic DMX512-RDM control card. DMX specifications require the insertion of a 120 Ohm terminating resistor (code BZQ7) to be placed between the DATA+ and DATA- cables of the last product in the line.
 iPro floodlights □ 192 can be wall-mounted using the special base BZM5.



source		system		optic	code	colour
W	lm	W	lm			

□ 192 - C.o.B.

LED

4000K - CRI 80 - DALI						
2,5W	270	33,2W	230	A60	EQ03	01-15

3000K - CRI 80 - DALI						
2,5W	270	33,2W	230	A60	EQ04	01-15

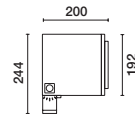
Recommended pole application

LED

4000K - CRI 70 - DALI						
2,4W	400	33,2W	324	ST1	EQ05	01-15

3000K - CRI 70 - DALI						
2,4W	360	33,2W	292	ST1	EQ06	01-15

Recommended pole application



Optical accessories

code	colour	code	colour	code	colour
------	--------	------	--------	------	--------



Accessory support frame

To be used for the installation of accessories
BZ49 01-15 **BZ63** 01-15 **BZ77** 01-15



diffuser glass
BZ51 65 **BZ65** 65 **BZ79** 65
 For C.o.B. versions For C.o.B. versions For C.o.B. versions



Prismatic diffuser glass
BZ52 24 **BZ66** 24 **1154** 24



Refractor for elliptical distribution
BZ53 24 **BZ67** 24 **BZ80** 24



Cylindrical screen
BZ57 47-74 **BZ72** 47-74 **BZ86** 47-74
 For EP46-EP47-EP48-EP49-EP50-EP51 For EP56-EP57-EP58-EP59-EP60-EP61-EP66 For EP72-EP73-EP74-EP75-EP76-EP77-EP82-EP83-EP88-EP89-EP90-EP91




















Visor
BZ59 04 **BZ74** 04 **BZ88** 04



Single directional fin
BZ58 04 **BZ73** 04 **BZ87** 04



Protection grille
BZ56 13 **BZ71** 13 **BZ85** 13

			
Control gear	code colour	code colour	code colour
 Y connector with 5 poles IP68 For the connection of the DMX or DALI signal cable and power supply cable	---	---	BZN7 00
 SPD (Surge Protection Device) IP67, Class 2, 10 kV	JAL6 00	JAL6 00	---
 SPD (Surge Protection Device), IP67, Classe I, 10kV	---	X495 00	X495 00
 Junction box Suitable for poles with $\varnothing \geq 120\text{mm}$	---	---	1880 00
 End cap for connectors + 120 ohm thermal resistance	BZQ7 00	BZQ7 00	BZQ7 00
Mounting accessories	code colour	code colour	code colour
 Applique clip	BZ18 01-15	BZ19 01-15	BZM5 01-15
 Belt for application on branches $D=40 \div 120\text{ mm}$	BZ61 00	---	---
 Aluminium flange for installation on poles $\varnothing 102\text{ mm}$ for 1 projector MaxiWoody $\varnothing 260\text{-}\varnothing 315\text{-}\varnothing 380\text{/ iPro}$ $\square 192\text{mm}$	---	---	6111 15
for 2 projectors MaxiWoody $\varnothing 260\text{-}\varnothing 315\text{-}\varnothing 380\text{/ iPro}$ $\square 192\text{mm}$	---	---	6112 15
 Aluminium flange for installation on poles $\varnothing 120\text{ mm}$ for 1 projector MaxiWoody $\varnothing 260\text{-}\varnothing 315\text{-}\varnothing 380\text{/ iPro}$ $\square 192\text{mm}$	---	---	6012 15
for 2 projectors MaxiWoody $\varnothing 260\text{-}\varnothing 315\text{-}\varnothing 380\text{/ iPro}$ $\square 192\text{mm}$	---	---	6013 15
 Adjustable spike for ground / garden installation	BZ60 00	BZ60 00	---
 Spike for ground / garden application	B989 00 For BD34-BD35-BD36-BD37-EP46-EP47-EP48-EP49-EP50-EP51-EP52-EP53-EP54-EP55	X272 00	---
 L-shaped bracket For installation on large frames	BZ62 15	BZ76 15	BZ91 15
 multiple support for 2 floodlights	---	---	6014 15
 multiple support for 3 floodlights	---	---	6015 15







MiniWoody
ø 85
page 728



Woody
ø 140
page 728



MaxiWoody
ø 260
page 732



MaxiWoody
ø 315
page 732



MaxiWoody
ø 380
page 732

Maxiwoody pole system

MaxiWoody floodlights can be installed on poles (MultiWoody system on page 576) and walls using the specific accessory.



Pole with arm



wall support

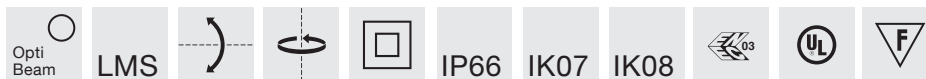
The Tree Library - Milan, Italy

Client: Milan City Council
Landscape architect: Inside Outside
Local Landscape Architect: Studio Giorgetta
Lighting Design: Inside Outside
Photo: Paolo Carlini

MiniWoody - Woody



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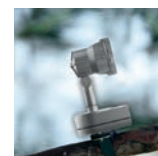
- Floodlight intended for use with halogen, discharge, monochrome LEDs and RGB light sources.
- Installation on the ground, applique (with fisher), on poles and branches.
- Comprises optical compartment and base strip.
- Optical compartment, small arm, base strip and frame in aluminium alloy; sodium-calcium tempered sealing glass, transparent & colourless, 4 mm-thick, and secured with captive screws;

- silicone gaskets between the glass and outer frame; reflector made of ultra-pure sheet aluminium.
- Apertures on the frame for rainwater run-off.
- Dual optical compartment adjustment.
- Monochromatic Single Chip and C.o.B. and Single Chip LED versions are available with dynamic RGB colour change compatible with light management systems.

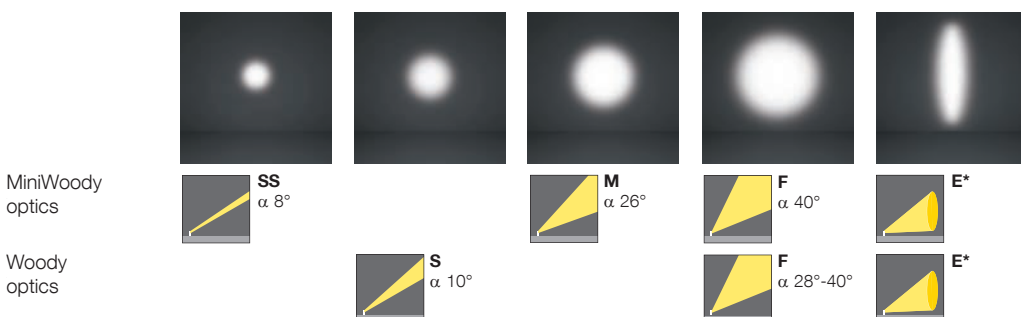
- Luminaire ready for Woody multi-chip pass-through wiring
- All screws used are in A2 stainless steel.



Plate with spike for installation on ground



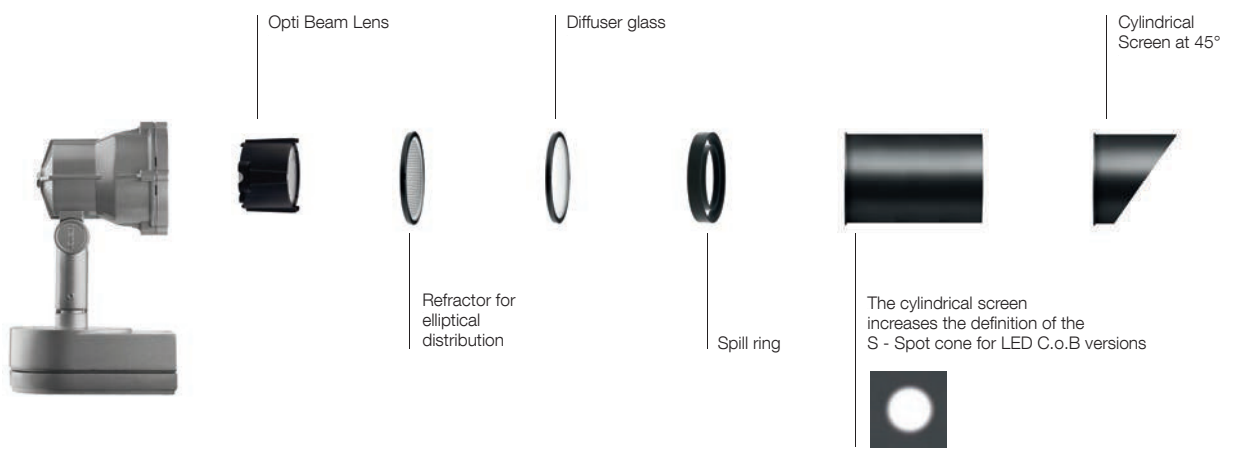
Belt for application on branches



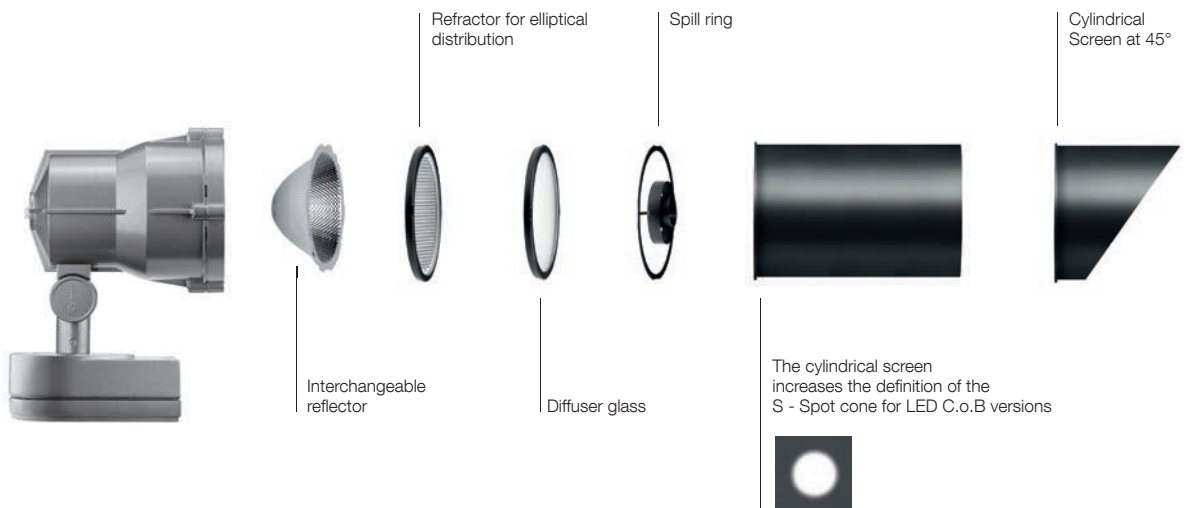
* Elliptical optics are obtained by installing the specific accessory.

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects. The combination of filters allows the chromatic characteristics of the source to be modified in order to enhance illuminated objects or settings.

MiniWoody



Woody

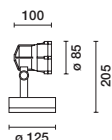




04
BLACK



15
GREY



source		system		optic	code	colour
W	lm	W	lm			
Opti Beam lens						
LED						
4000K - CRI 80						
8W	880	10,7W	678	8°	E196	04-15
8W	880	10,7W	634	26°	E198	04-15
8W	880	10,7W	571	40°	E200	04-15
3000K - CRI 80						
8W	820	10,7W	631	8°	E197	04-15
8W	820	10,7W	590	26°	E199	04-15
8W	820	10,7W	532	40°	E201	04-15

Complete with power supply.

Optical accessories	code	colour
Interchangeable Opti Beam Lens		
super spot	X218	24
flood	X219	24
wide flood	X220	24
External spill ring	BZD3	04 For E196-E197
Diffuser glass	BZD5	65
Prismatic diffuser glass	6177	24
Reflector for elliptical distribution	1181	24
45° cylindrical	1182	04-15
Cylindrical screen	6178	04 For E196-E197

Mounting accessories	code	colour
Belt for application on branches D=40÷120 mm	1183	00 For E196-E197-E198-E199-E200-E201
Stainless steel belt with tie-rods for securing to ground	1184	00
Spike for ground / garden application	B988	00 For E196-E197-E198-E199-E200-E201

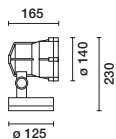
Control gear	code	colour
IP68 box for multiple connections		
dim. 135x82x70h	B915	04
Junction box with rapid connectors		
Suitable for 2x4 mm ² cables	BZK7	15



04
BLACK



15
GREY



source		system				code	colour
W	lm	W	lm	optic			
C.o.B.							
LED							
4000K - CRI 80							
17W	2500	18,7W	1875	10°	BU82	04-15	
17W	2500	18,7W	1872	28°	BU84	04-15	
17W	2500	18,7W	1873	40°	BU86	04-15	
3000K - CRI 80							
17W	2450	18,7W	1838	10°	BU83	04-15	
17W	2450	18,7W	1835	28°	BU85	04-15	
17W	2450	18,7W	1836	40°	BU87	04-15	

Complete with power supply.

Optical accessories		code		colour		Mounting accessories		code		colour		Control gear		code		colour	
	Interchangeable reflectors for LED C.o.B.						Belt for application on branches D=40÷120 mm	1183	00				IP68 box for multiple connections				
	spot	6183	12				Stainless steel belt with tie-rods for securing to ground	1184	00			dim. 135x82x70h		B915	04		
	flood	6184	12				Spike for ground / garden application	B988	00								
	wide flood	6185	12														
	Diffuser glass	BZF7	65														
	Prismatic diffuser glass	6181	24														
	Refractor for elliptical distribution	1185	24														
	45° cylindrical	1186	04-15														
	Cylindrical screen																
	we recommend using it in conjunction with the diffusing prismatic glass code 6181	6182	04														



ø 260



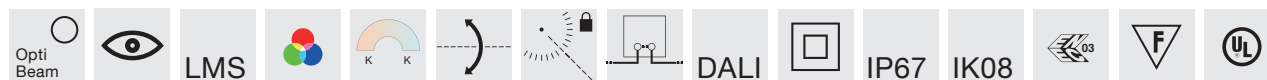
ø 315



ø 380



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- Direct light luminaire intended for use with metal halide, sodium vapour and LED light sources.
- Installation on the ground or on walls (with fisher).
- Comprises optical compartment and bracket.
- Optical compartment and frame in aluminium alloy; clear, colourless sodium-calcium tempered sealing glass, 4 mm thick; super-pure aluminium reflector.

- Dual optical compartment adjustment.
- Graduated scale and mechanical aiming lock.
- Optics (Opti Smart) ensure high performance and uniform light distribution.
- LED C.o.B. versions with Opti Beam reflector with high lighting efficiency.
- Monochrome LED version with 24/36 LED circuit, optics with

- plastic lens, customised screen-printed glass and built-in 100-265Vac 50/60Hz electronic power supply unit.
- RGB and Tunable white LED versions complete with power supply unit and DMX512-RDM control board.
- Luminaire ready for pass-through wiring.
- All screws used are in A2 stainless steel.

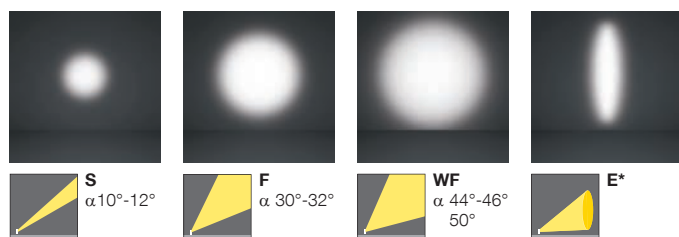


Retention cable



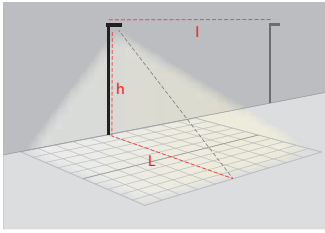
Slots allowing rainwater to run off

Optics

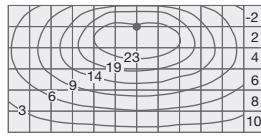
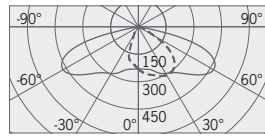


* Elliptical optics are obtained by installing the specific accessory.

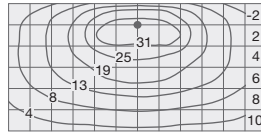
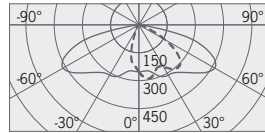
ST - Road optics



$d = L/h$
 h = Installation height
 L = Width of area to illuminate
 l = Distance between poles

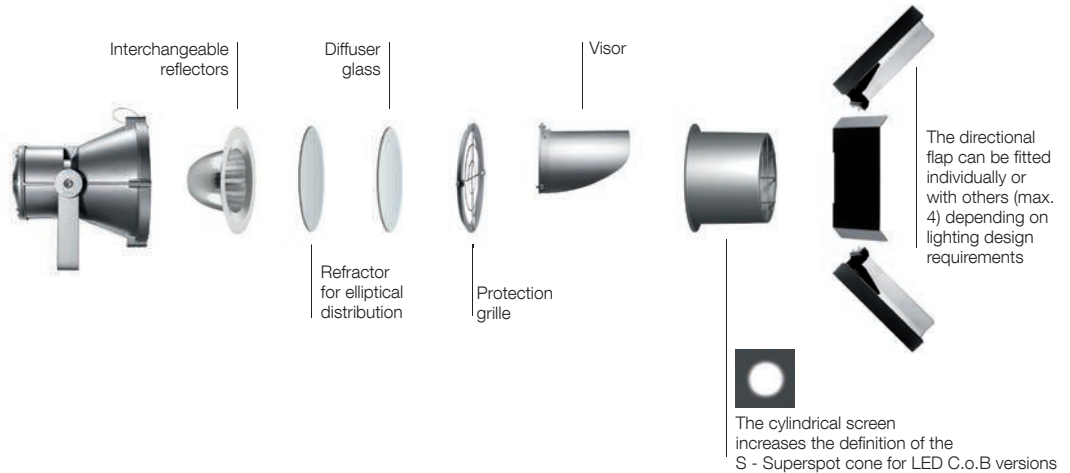


ST1
 Street Optic for intense vehicle traffic,
 urban and suburban areas
 $l = 4h$
 $d = 1$
Intensity Class: G*4(Reflector)



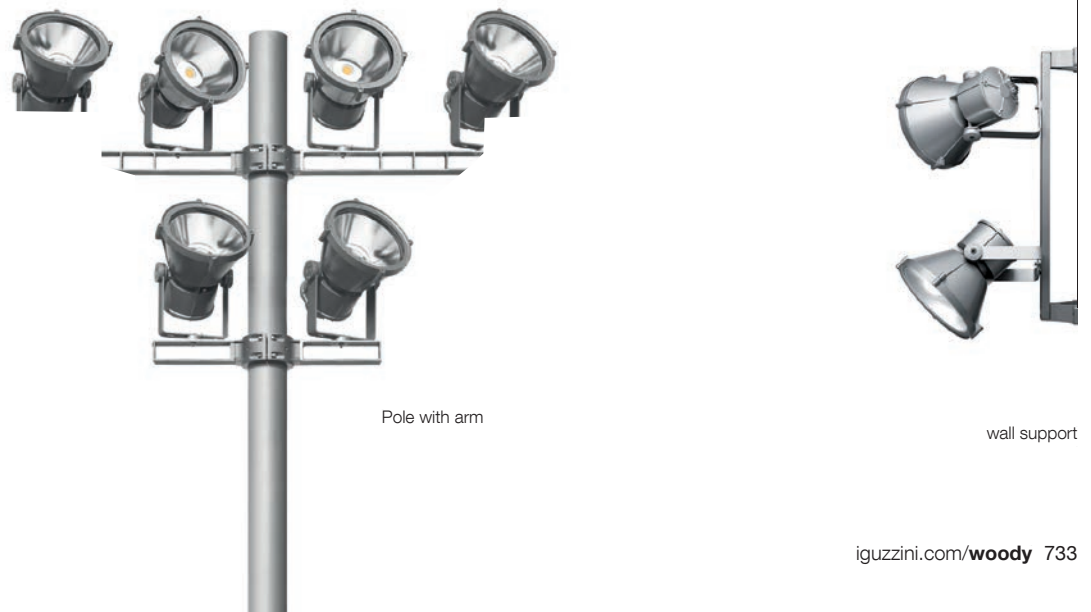
ST1.2
 Street Optic for intense vehicle traffic,
 urban and suburban areas
 $l = 4h$
 $d = 1.2$
Intensity Class: G*3 (Reflector)

The accessories allow the features
 of the lighting produced by the single
 luminaire to be altered, for highly
 professional lighting effects.
 The combination of filters allows
 the chromatic characteristics of
 the source to be modified in order
 to enhance illuminated objects or
 settings.



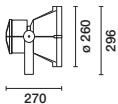
MaxiWoody system

This range of floodlights can be
 installed on MultiWoody (page 576).





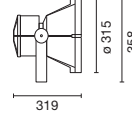
source		system		optic	code colour
W	lm	W	lm		
ø260 - C.o.B. - Spot					
LED					
4000K - CRI 80 - DALI / Push Dim					
35W	5400	39,6W	3776	10°	BU94 15
3000K - CRI 80 - DALI / Push Dim					
35W	5300	39,6W	3706	10°	BU95 15
4000K - CRI 80 - 1-10V					
24W	3800	28,4W	2657	10°	BU88 15
3000K - CRI 80 - 1-10V					
24W	3700	28,4W	2587	10°	BU89 15



Complete with power supply and electronic DALI control card. DALI versions occupy 1 address.



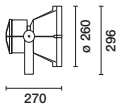
source		system		optic	code colour
W	lm	W	lm		
ø315 - C.o.B. - Spot					
LED					
4000K - CRI 80 - DALI					
52W	8600	58W	6278	12°	BV00 15
3000K - CRI 80 - DALI					
52W	8400	58W	6132	12°	BV01 15
4000K - CRI 80 - On/off - Class II					
84W	12800	91,9W	9728	12°	E981 15
3000K - CRI 80 - On/off - Class II					
84W	12400	91,9W	9424	12°	E982 15



Complete with power supply and electronic DALI control card. DALI versions occupy 1 address.



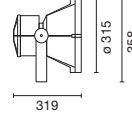
source		system		optic	code colour
W	lm	W	lm		
ø260 - C.o.B.					
LED					
4000K - CRI 80 - DALI / Push Dim					
35W	5400	39,6W	4206	30°	BU96 15
35W	5400	39,6W	4209	50°	BU98 15
3000K - CRI 80 - DALI / Push Dim					
35W	5300	39,6W	4128	30°	BU97 15
35W	5300	39,6W	4131	50°	BU99 15
4000K - CRI 80 - 1-10V					
24W	3800	28,4W	2959	32°	BU90 15
24W	3800	28,4W	2962	50°	BU92 15
3000K - CRI 80 - 1-10V					
24W	3700	28,4W	2882	32°	BU91 15
24W	3700	28,4W	2884	50°	BU93 15



Complete with power supply and electronic DALI control card. DALI versions occupy 1 address.



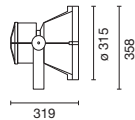
source		system		optic	code colour
W	lm	W	lm		
ø315 - C.o.B.					
LED					
4000K - CRI 80 - DALI					
52W	8600	58W	6880	30°	BV02 15
52W	8600	58W	6880	46°	BV04 15
3000K - CRI 80 - DALI					
52W	8400	58W	6720	30°	BV03 15
52W	8400	58W	6720	46°	BV05 15
4000K - CRI 80 - On/off - Class II					
84W	12800	91,9W	10624	30°	E983 15
84W	12800	91,9W	10739	44°	E985 15
3000K - CRI 80 - On/off - Class II					
84W	12400	91,9W	10292	30°	E984 15
84W	12400	91,9W	10404	44°	E986 15



Complete with power supply and electronic DALI control card. DALI versions occupy 1 address.



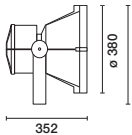
source		system		optic	code colour
W	lm	W	lm		
ø315 - Multi Chip					
LED					
4000K - CRI 80					
34,9W	5250	39,9W	4253	12° / 10°	BB28 15
34,9W	5250	39,9W	4253	12° / 10°	BB29 15
RGB - DMX-RDM					
34W	1950	41W	1482	12°	BV52 15
34W	1950	41W	1577	32°	BV53 15
Tunable White - CRI 80 - DMX-RDM					
35W	5100	41,8W	4131	12° / 10°	BV54 15
35W	5100	41,8W	3621	34°	BV55 15



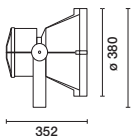
Complete with power supply and electronic DMX512-RDM control card. DMX specifications require the insertion of a 120 Ohm terminating resistor (code BZQ7) to be placed between the DATA+ and DATA- cables of the last product in the line. Tunable white: 2700K-6000K

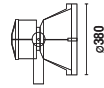










source		system		optic	code colour
W	lm	W	lm		
ø380 Opti Smart					
LED					
4000K - CRI 70 - DALI					
36W	3550	36W	3550	ST1	EH35 15
3000K - CRI 70 - DALI					
36W	3430	36W	3430	ST1	EH36 15







source		system		optic	code colour
W	lm	W	lm		
ø380 Opti Smart					
LED					
4000K - CRI 70 - DALI					
56W	6000	56W	6000	ST1	EH37 15
56W	6080	56W	6080	ST1.2	EH39 15
3000K - CRI 70 - DALI					
56W	5810	56W	5810	ST1	EH38 15
56W	5880	56W	5880	ST1.2	EH40 15





**Optical accessories**

	code	colour	code	colour	code	colour
 Interchangeable reflectors for LED C.o.B.						
spot	6187	12 For LED C.o.B. versions	6192	12	---	---
medium	---	---	6193	12	---	---
flood	6188	12 For LED C.o.B. versions	---	---	---	---
wide flood	6189	12 For LED C.o.B. versions	6194	12	---	---
 diffuser glass	BZD6	65 For LED C.o.B. versions	1158	65 For LED C.o.B. versions	---	---
 Prismatic diffuser glass	6186	24 For LED C.o.B. versions	6190	24 For LED C.o.B. versions	---	---
 Refractor for elliptical distribution	BZD8	24 For LED C.o.B. versions	1195	24 For LED C.o.B. versions	---	---
 Cylindrical screen	BZE7	74 For 6136-6140-BU88-BU89-BU94-BU95	6191	74 For BV00-BV01-BV02-BV04-BV05-E981-E982	---	---
 Visor	BZE9	15	5940	15	---	---
 Single directional fin	BZE8	04	5937	04	---	---
 Protection grille	BZE6	78	5943	78	---	---

Mounting accessories

	code	colour	code	colour	code	colour
 Accessory retainer cable	BZF1	00	5949	00	---	---
 Plate for ground anchorage	5951	15	5951	15	---	---
 multiple support for 2 floodlights	6014	15	6014	15	---	---
 multiple support for 3 floodlights	6015	15	6015	15	---	---

Control gear

	code	colour	code	colour	code	colour
 Y connector with 5 poles IP68						
For the connection of the DMX or DALI signal cable and power supply cable	---	---	BZN7	00	---	---
 End cap for connectors + 120 ohm thermal resistance	---	---	BZQ7	00 For BV52-BV53-BV54-BV55	---	---



CopenHill - Copenhagen, Denmark
 Client: The Amager Bakke Foundation
 Architectural Project: BIG - Bjarke Ingels Group
 Lighting project: Jesper Kongshaug
 Photo: Tomasz Majewski
 pages 736 - 737





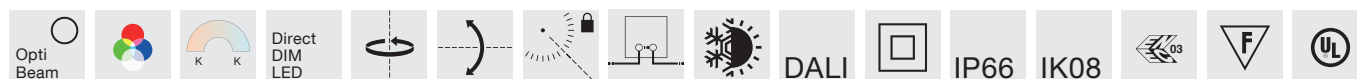


214x296



276x406

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- Direct light luminaire intended for use with LED light sources.
- Installation on the ground and on walls (with fisher).
- Comprises optical compartment and base strip.
- Optical compartment and frame in aluminium alloy; clear, colourless sodium-calcium tempered sealing glass, 5 mm thick.
- Dual optical compartment adjustment.

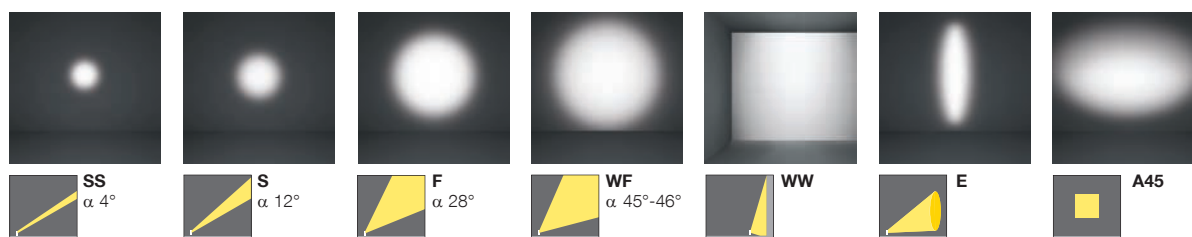
- Graduated scale with mechanical aiming lock (excluding Class I versions).
- Monochrome warm and neutral LED, optics with optical polymer lenses.
- DALI electronic power supply unit.
- RGBW and Tunable white LED versions complete with power supply unit and DMX512-RDM control board.
- Device pre-set for pass-through wiring (excluding Class I versions).

- Insulation class II versions and insulation class I versions.
- All screws used are in A2 stainless steel.

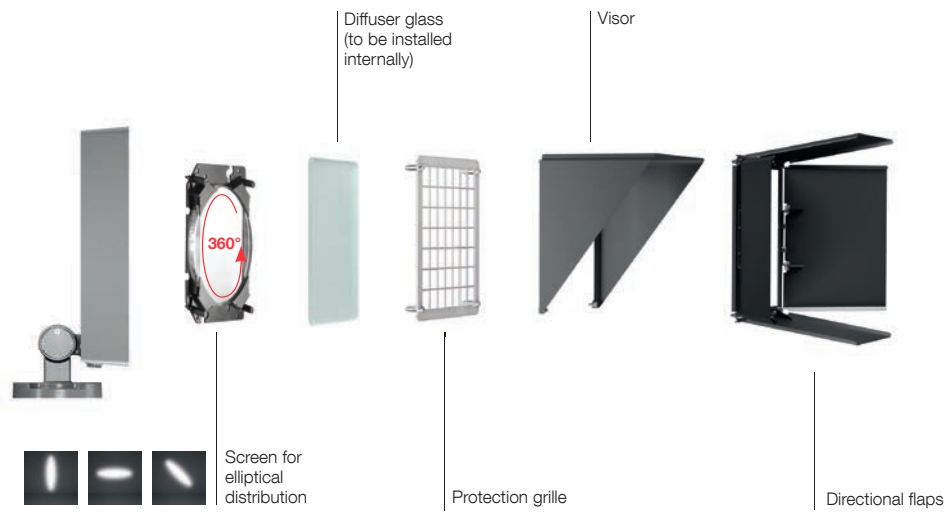
Asymmetric optic version

- Product can be adjusted in the vertical plane by $+15^\circ$ / -5° .
- The BD20 accessory for wall application does not allow for dual adjustments.
- Installation of outdoor lighting systems only (protection grille, visor and directional flaps).

Primary optics

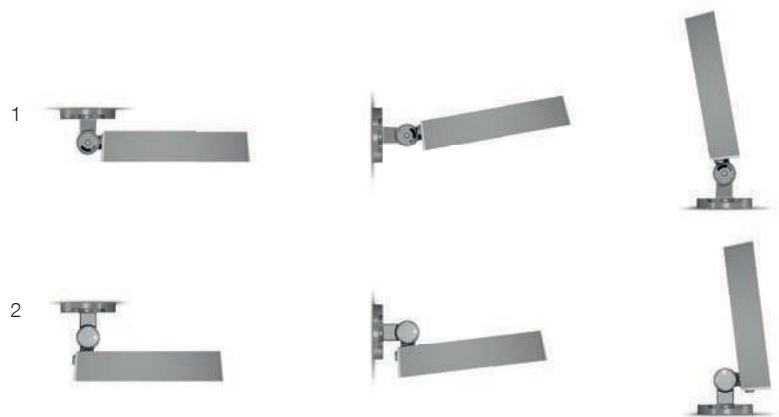


The accessories allow the lighting features produced by the single luminaire to be modified for highly professional lighting effects.



Smart ball-joint

The joint's mechanical system has two installation positions: with the joint aligned to the optical assembly (1) and with the joint behind the optical assembly (2) to compact or expand the spatial extension.



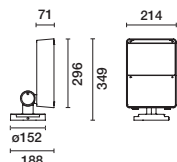
MultiPro is presented on page 580

The Platea Pro System is presented on page 527

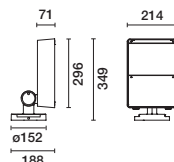




source		system		optic	code	colour
W	lm	W	lm			
LED						
4000K - CRI 80 - DALI						
31W	3510	35W	2738	4°	P790	15
31W	3520	35W	2675	12°	P792	15
31W	3520	35W	2640	28°	P796	15
31W	3520	35W	2638	46°	P800	15
31W	3520	35W	2428	E 58°/12°	P802	15
31W	3520	35W	2288	WW	P804	15
3000K - CRI 80 - DALI						
31W	3220	35W	2512	4°	P791	15
31W	3230	35W	2455	12°	P793	15
31W	3230	35W	2423	28°	P797	15
31W	3230	35W	2420	46°	P801	15
31W	3230	35W	2228	E 58°/12°	P803	15
31W	3230	35W	2099	WW	P805	15



source		system		optic	code	colour
W	lm	W	lm			
LED						
Tunable White - DMX						
12W	1650	17,9W	1287	12°	P830	15
12W	1650	17,9W	1267	28°	P831	15
12W	1650	17,9W	1253	46°	BV98	15
RGBW - DMX-RDM						
12W	850	18,5W	638	12°	P828	15
12W	850	18,5W	636	28°	P829	15
12W	850	18,5W	637	44°	BV96	15



Complete with power supply and electronic DMX512-RDM control card. DMX specifications require the insertion of a 120 Ohm terminating resistor (code BZQ7) to be placed between the DATA+ and DATA- cables of the last product in the line.
Tuneable white: 2700K±600K
Can be used at a maximum environment temperature of 50°C. If environment temperature exceeds 40°, the emitted luminous flux is automatically reduced.

Can be used at a maximum environment temperature of 50°C. If environment temperature exceeds 40°, the emitted luminous flux is automatically reduced.

LED						
4000K - CRI 80 - On/off - Class I						
34W	2660	34W	2660	12°	P794	15
34W	2625	34W	2625	28°	P798	15
3000K - CRI 80 - On/off - Class I						
34W	2432	34W	2432	12°	P795	15
34W	2400	34W	2400	28°	P799	15

Can be used at a maximum environment temperature of 35°C.

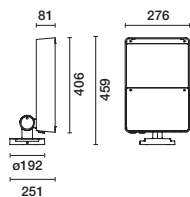


Optical accessories

	code	colour	code	colour
Frame	X229	04 for directional flaps	X231	04 for directional flaps
diffuser glass	MY58	65	MY59	65
Refractor for elliptical distribution	MY60	24	MY61	24
Visor	MY54	04	MY55	04

Optical accessories

	code	colour	code	colour
Horizontal directional fins				
horizontal	X233	04	X234	04
horizontal+vertical	MY02	04	MY53	04
vertical	X235	04	X236	04
Protection grille	MY56	13	MY57	13



source		system			code	colour
W	lm	W	lm	optic		
LED						
4000K - CRI 80 - DALI						
52W	6220	56,5W	4852	4°	P806	15
77W	9140	84W	7129	4°	E803	15
51W	6160	56,5W	4682	12°	P808	15
76W	9170	83,5W	6969	12°	P818	15
51W	6160	56,5W	4620	28°	P810	15
76W	9170	83,5W	6878	28°	P820	15
51W	6160	56,5W	4616	46°	P812	15
76W	9170	83,5W	6871	46°	P822	15
51W	6160	56,5W	4249	E 58°/12°	P814	15
76W	9170	83,5W	6326	E 58°/12°	P824	15
51W	6160	56,5W	4064	WW	P816	15
76W	9170	83,5W	6050	WW	P826	15

3000K - CRI 80 - DALI						
52W	5700	56,5W	4446	4°	P807	15
77W	8380	84W	6536	4°	E804	15
51W	5650	56,5W	4294	12°	P809	15
76W	8400	83,5W	6384	12°	P819	15
51W	5650	56,5W	4238	28°	P811	15
76W	8400	83,5W	6300	28°	P821	15
51W	5650	56,5W	4234	46°	P813	15
76W	8400	83,5W	6294	46°	P823	15
51W	5650	56,5W	3897	E 58°/12°	P815	15
76W	8400	83,5W	5794	E 58°/12°	P825	15
51W	5650	56,5W	3728	WW	P817	15
76W	8400	83,5W	5542	WW	P827	15

Can be used at a maximum environment temperature of 50°C. If environment temperature exceeds 40°, the emitted luminous flux is automatically reduced.

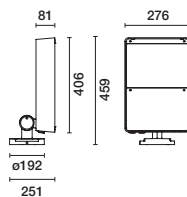
LED						
4000K - CRI 80 - On/off - Class I						
51W	6200	55,9W	4712	12°	E913	15
51W	6200	55,9W	4650	28°	E915	15
3000K - CRI 80 - On/off - Class I						
51W	5700	55,9W	4332	12°	E914	15
51W	5700	55,9W	4275	28°	E916	15

Can be used at a maximum environment temperature of 35°C.



Mounting accessories

	code	colour	code	colour
Adapter disk. Allows the spotlight to be rotated and secured	X415	15	---	---
multiple support for 2 floodlights	6014	15	---	---
multiple support for 3 floodlights	6015	15	---	---



source		system			code	colour
W	lm	W	lm	optic		
LED						
RGBW - DMX						
35W	2500	43,3W	1875	12°	P832	15
35W	2500	43,3W	1870	28°	P833	15
35W	2500	43,3W	1873	44°	BV97	15
Tunable White - DMX						
35W	4930	42,8W	3845	12°	P834	15
35W	4930	42,8W	3787	28°	P835	15
35W	4930	42,8W	3743	46°	BV99	15

Complete with power supply and electronic DMX512-RDM control card. DMX specifications require the insertion of a 120 Ohm terminating resistor (code BZQ7) to be placed between the DATA+ and DATA- cables of the last product in the line.

Tunable white: 2700K-6000K
These codes can be used at a maximum environment temperature of 35°C.

LED						
RGBW - DMX						
120W	9650	127,5W	7238	12°	ED60	15
27W	2050	34,5W	1533	28°	ED61	15
27W	2050	34,5W	1536	44°	ED62	15
Tunable White - DMX						
27W	3900	33,3W	3042	12°	ED63	15
27W	3900	33,3W	2996	28°	ED64	15
27W	3900	33,3W	2961	46°	ED65	15

Complete with power supply and electronic DMX512-RDM control card. DMX specifications require the insertion of a 120 Ohm terminating resistor (code BZQ7) to be placed between the DATA+ and DATA- cables of the last product in the line.
Tunable white: 2700K-6000K
These codes can be used at a maximum environment temperature of 50°C. If environment temperature exceeds 40°, the emitted luminous flux is automatically reduced.

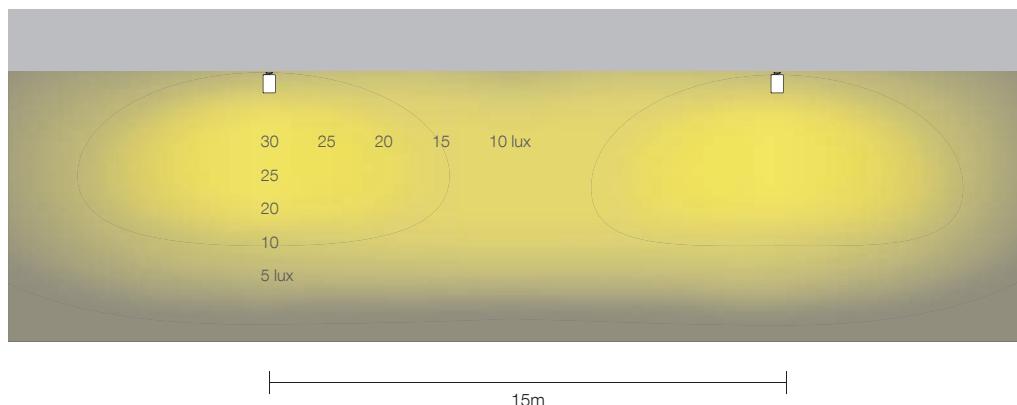


Platea Pro

Asymmetric Optic (AT) A45

Uniform illumination of stairways and large areas

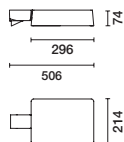
Values refer to products installed at a height of 5m.



iguzzini.com code finder / download design files / save and organize favorites

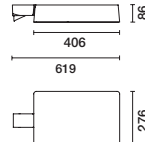
W	lm	optic	code colour
LED			
4000K - CRI 70 - DALI			
33W	3770	A45	P874 15
3000K - CRI 70 - DALI			
33W	3640	A45	P875 15

The BD20 base must be used for the projector installation.



W	lm	optic	code colour
LED			
4000K - CRI 70 - DALI			
58W	6990	A45	P882 15
86W	10410	A45	P890 15
3000K - CRI 70 - DALI			
58W	6770	A45	P883 15
86W	10080	A45	P891 15

The BD20 base must be used for the projector installation.



Optical accessories	code	colour	code	colour
Visor	MY54	04	MY55	04
Horizontal directional fins				
horizontal	X233	04	X234	04
horizontal+vertical	MY02	04	MY53	04
vertical	X235	04	X236	04
Protection grille	MY56	13	MY57	13

Mounting accessories	code	colour	code	colour
Wall attachment	BD20	04-15	BD20	04-15

Station F – Paris, France

Client: Station F

Architectural and lighting project: Wilmotte & Associés

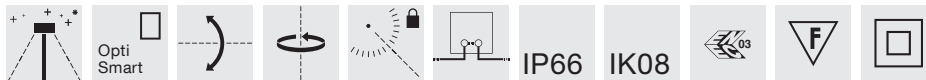
Photo: Didier Boy De La Tour



AST
BEYOND BELIEF



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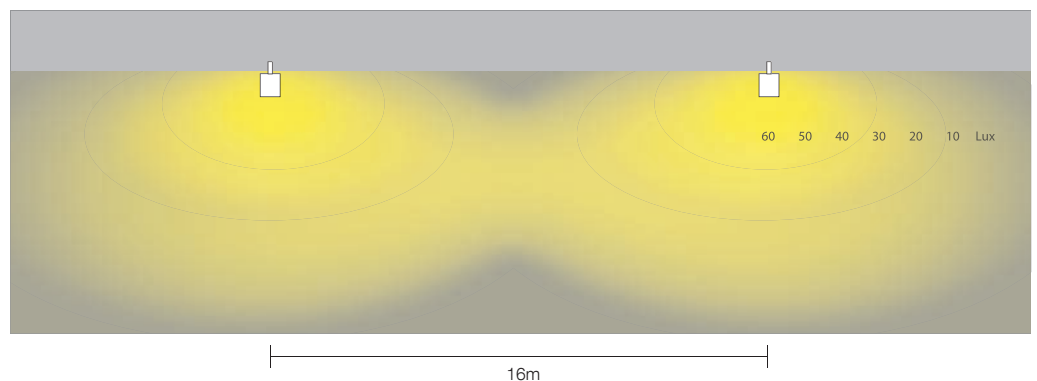


- Floodlight intended for use of LED light sources.
- Wall and floor installation; also available in versions complete with pole (h = 1000 and 2500 mm).
- Optical compartment and frame in die-cast aluminium; clear sodium-calcium tempered sealing glass, 4 mm thick; super-pure aluminium reflector.
- Adjustment of the optical compartment by +45° / -20° compared to horizontal.
- Versions complete with pole comprising support in extruded aluminium (h=1000/2500 mm); fixing plate and cover casing in die-cast aluminium alloy.
- Wall versions comprising base strip in die cast aluminium alloy.
- No upwards dispersion of luminous flux.
- High visual comfort.
- Graduated scale and mechanical aiming lock.
- All external screws used are in A2 stainless steel.
- Accessory box with dual PG for through-pass wiring.
- Class II product pre-set for class I.

Light distribution

The ST1 optic achieves remarkable lighting performance.

Values refer to products installed at a height of 2,5m.





Versions

iTeka is available as pole-mounted (page 542) and bollard (page 864) versions

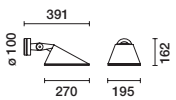


Installation on single or double pole head
h 4000 / 5000 / 6000





Bollard h2500 & h1000

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W	lm	optic	code colour
LED			
4000K - CRI 70			
20W	2360	ST1C	BU40 15
20W	2360	A45C	BU41 15
4000K - CRI 80			
26W	2340	A60	EN94 15
3000K - CRI 70			
23W	2280	ST1C	BV15 15
20W	2280	A45C	BV16 15
3000K - CRI 80			
26W	2340	A60	EN95 15

Mounting accessories	code	colour
 Installation kit for concrete, solid brick and natural stone surfaces for applique versions	5595	00
 Spike for ground / garden application	B989	00 For BU40-BU41-BV15-BV16-EN94-EN95
 Steel flange for pole installation from ø 40 to 60	1190	04-15 For BU40-BU41-BV15-BV16-EN94-EN95



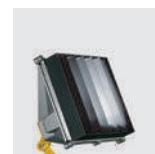
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- Direct light luminaire intended for use with LED light sources.
- Floor, wall and pole installation.
- Comprises optical compartment and arm.
- Optical compartment and glass support frame in die-cast aluminium; sodium-calcium tempered sealing glass; steel retention cable, diameter of 1.6 mm, plastic coated; EPDM 50 Shore black rubber seal; parabolic reflector in super-pure anodised sheet aluminium.
- Liquid acrylic paint ensuring high resistance to atmospheric agents and UV rays.
- Adjustable arm and mechanical aiming lock.
- Complete with DALI power supply with Touch-Dim control allows adjustment of the luminous flux with a standard button.
- Optics available: Asymmetrical (A), Very Wide Flood (VWF).
- Overvoltage protection: 5kV in Common Mode (CM), 4kV in Differential Mode (DM).
- The mounting box accessory (code TXE4) increases overvoltage protection to 10kV/10kV (CM/DM).
- Supplied with nickel-plated brass cable gland and outgoing cable L = 400mm with lined with braided steel.
- The luminous flux emitted in the upper hemisphere of the system in the horizontal position is null.
- All screws used are in A2 stainless steel.

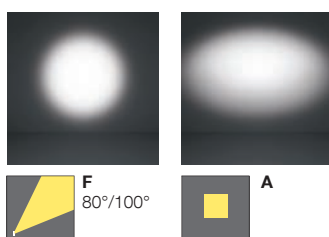


Wall washer



Louvre

Optics

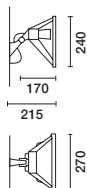




73
GREY /
YELLOW



source		system				code	colour
W	lm	W	lm	optic			
LED							
4000K - CRI 80 - DALI							
39W	4590	43,9W	3764	80° / 100°		TXE3	73
37W	4310	40,9W	3103	A γ=35°		TXE2	73
3000K - CRI 80 - DALI							
39W	4210	43,9W	3452	80° / 100°		TXE1	73
37W	3950	40,9W	2844	A γ=35°		TXE0	73

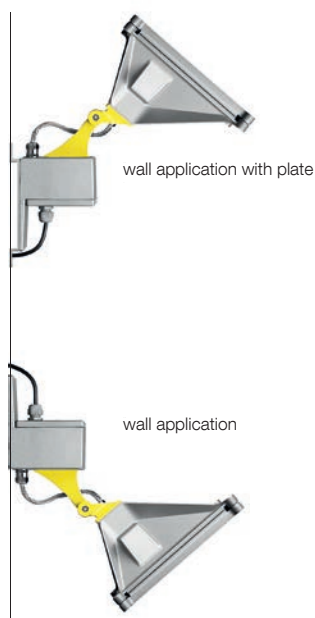


Optical accessories	code	colour
Anti-glare louvre	1177	04
Wall-washer screen	1176	04
Control gear	code	colour
IP68 connector 5-pole	BZS6	04

Mounting accessories	code	colour
Counter-plate with anchor bolts	0456	00
Steel plate for wall mounting	1172	00 in combination with TXE4 or 1179
Mounting box complete with terminal block	1179	15

Mounting accessories	code	colour
Fixing box with SPD for Class I LED products 10kV.	TXE4	15
Steel flange for pole installation		
from ø 40 to 60	1170	00 in combination with TXE4 or 1179
from ø 60 to 102	1171	00 in combination with TXE4 or 1179

Installations





Recessed luminaires

Broad range of optics

Miniaturisation, chromatic quality, energy efficiency and high visual comfort, broad range of optics and effects, customisable with a large choice of accessories. Adjustable, single and double. Highly reliable and resistant to atmospheric agents, acts of vandalism and slipping.

750 Overview Recessed luminaires

758 Light Up

806 Walky

816 iRound

820 Laser Blade InOut



Overview Recessed luminaires

floor / ground recessed luminaires



760 Light Up
Orbit - body in stainless steel - 28 mm



760 Light Up
Orbit - body in stainless steel - 50 mm



760 Light Up
Orbit - body in stainless steel - 80 mm



768 Light Up
Orbit - body in stainless steel - flush frame - 28 mm



768 Light Up
Orbit - body in stainless steel - flush frame - 50 mm



768 Light Up
Orbit - body in stainless steel - flush frame - 80 mm

Performances

				new	new	new
Optics	14°/20°/D/SG	6°/24°/44°/L/WW/D / WWSC	8°/32°/50°/ L / D / WW / WWSC	10°/24°/D	6°/24°/42° C/E/D/WW/L	8°/36°/54° C/E/D/WW/L
Power W	0,4 / 1	1 → 4	4,2 → 5,5	1	1 → 4	4,2 → 5,5
Luminous flux lm	2 → 61	8 → 368	38 → 533	7 → 38	8 → 368	48 → 556
Colour temperature K	2700/3000 4000/5700	2700/3000/4000	2700/3000/4000	2700/3000/4000*	2700/3000/4000*	2700/3000/4000*
RGB						

Installation ranges

Number of sizes	1	1	1	1	1	1
-----------------	---	---	---	---	---	---

Accessories

Optics and decorative						
-----------------------	--	--	--	--	--	--

* available on request



786 Light Up
Earth 144 mm



786 Light Up
Earth 200 mm



786 Light Up
Earth 250 mm



794 Light Up
Earth - flush frame 144 mm



794 Light Up
Earth - flush frame 200 mm



794 Light Up
Earth - flush frame 250 mm

Performances

				new	new	new
Optics	10°/18°/32°/ 56° L/D/WW/WWSC	8°/12°/20°/30°/40° D/WW/WWSC	6°/14°/ 18°/ 32°/48° D/WW/WWSC	10°/18°/32°/56° D/WW/WWSC	8°/12°/20°/30°/40° D/WW/WWSC	6°/14°/ 18°/ 32°/48° D/WW/WWSC
Power W	7 → 11,6	11,7 → 16,5	11,5 → 48,6	8,8 → 11,6	11,7 → 16,5	11,5 → 48,6
Luminous flux lm	56 → 1176	204 → 1517	285 → 5097	56 → 1176	204 → 1517	285 → 5097
Colour temperature K	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
RGB			RGBW			

Installation ranges

Number of sizes	1	1	1	1	1	1
-----------------	---	---	---	---	---	---

Accessories

Optics and decorative	D/B/E	D/B/E	D/B/E	D/B/E	D/B/E	D/B/E
-----------------------	-------	-------	-------	-------	-------	-------

Optics: C Comfort - D Diffuser - E Elliptical - L Light Blade - SG Signalling - WW Wall Washer - WP Floor Washer
Optical and decorative accessories: B Diffuser glass - D Louvre - E Refractor for elliptical distribution



774 Light Up
Orbit - body in stainless steel - all glass flush frame- 28 mm
new

774 Light Up
Orbit - body in stainless steel - all glass flush frame- 50 mm
new

774 Light Up
Orbit - body in stainless steel - all glass flush frame 80 mm
new

780 Light Up
Orbit - body in techno-polymer stainless steel frame

784 Light Up
Orbit - body in techno-polymer all glass

784 Light Up
Orbit - body in techno-polymer all glass

10°/24°	6°/24°/42° C/E/L/WW	8°/36°/54° C/E/L/WW	8°/SG	SG	SG
1	1 → 4	4,2 → 5,5	0,7 / 1,3	0,7	0,7
35 → 38	8 → 368	48 → 556	3 → 54	4	4
2700/3000/4000*	2700/3000/4000*	2700/3000/4000*	3000/4000	3000/5700	3000/5700
1	1	1	1	1	1

* available on request



802 Light Up
Walk Professional

804 Light Up
Balisage

6°/26°/ 28°	
14 / 14,3	4,5
195 → 769	22 → 84
3000/4000	3000/4000
•	
1	1
B/E	

Overview Recessed luminaires

Wall mounted recessed luminaires



780 Light Up Orbit - body in techno-polymer stainless steel frame
760 Light Up Orbit - body in stainless steel - 28 mm
760 Light Up Orbit - body in stainless steel - 50 mm
760 Light Up Orbit - body in stainless steel - 80 mm
806 Walky recessed luminaire
806 Walky recessed luminaire

Performances

Optics	WP	14°/20°/D/SG	6°/24°/44°/L/WW/D / WWSC	8°/32°/50°/ L / D / WW / WWSC	AL	AL
Power	2,7 / 8	0,4 / 1	1 → 4	4,2 → 5,5	1,5 → 12,8	1,5 → 12,8
Luminous flux lm	21 → 71	2 → 61	8 → 368	38 → 533	9 → 419	31 → 419
Colour temperature K	3000/4000	2700/3000 4000/5700	2700/3000/4000	2700/3000/4000	2700/3000	2700/3000
RGB						

Installation ranges

Number of sizes	1	1	1	1	3	5
-----------------	---	---	---	---	---	---

Accessories

Optics and decorative						
-----------------------	--	--	--	--	--	--

Codes, technical and lighting engineering characteristics of these **"Wall-mounted recessed luminaires"** are presented in the "Linear façade illumination systems" on page 595



610 Linealuce Mini 47 recessed luminaire



622 Linealuce Mini 37 recessed luminaire



642 Linealuce Compact 75 recessed luminaire

Optics: D Diffuser - L Light Blade - SG Signalling - WW Wall Washer - WP Floor Washer

Optical and decorative accessories: B Diffuser glass - C Prismatic diffuser glass - E Refractor for elliptical distribution

Ceiling mounted recessed luminaires



816 iRound



820 Laser Blade
InOut



760 Light Up
Orbit - body in
stainless steel -
28 mm



760 Light Up
Orbit - body in
stainless steel -
50 mm

Performances

Optics	16°/38°/54° / WW	12°/30°/48°	14°/20°/D/SG	6°/24°/44°/L/ WW/D / WWSC
Power W	13,5 → 34,1	4,1 → 36,4	0,4 / 1	1 → 4
Luminous flux lm	1313 → 3497	248 → 2278	2 → 61	8 → 368
Colour temperature K	3000/4000	2700/3000/4000	2700/3000 4000/5700	2700/3000/4000
RGB				

Installation ranges

Number of sizes	2	4	1	1
-----------------	---	---	---	---

Accessories

Optics and decorative	B/C/E			
-----------------------	-------	--	--	--

Codes, technical and lighting engineering characteristics of these "Ceiling-mounted recessed luminaires" are presented in the "Linear façade illumination systems" on page 595



610 Linealuce Mini 47
recessed luminaire



622 Linealuce Mini 37
recessed luminaire



642 Linealuce Compact 75
recessed luminaire

Overview Recessed luminaires

It's in the optics

We select the right technology for each application. Opti Beam Lens and Reflector, diffuser glass, wall washer screen blades. The result is precision and optical multiplicity. Patented innovation.



Opti Beam Lens
(SS/S/M/F)



Opti Beam Reflector
(S/M/F/WF)



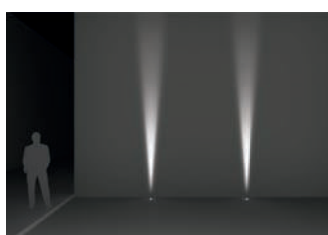
Diffuser Optics



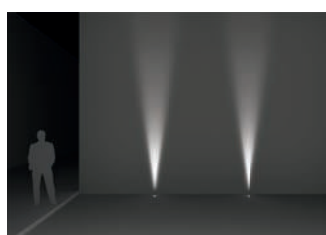
Light Blade



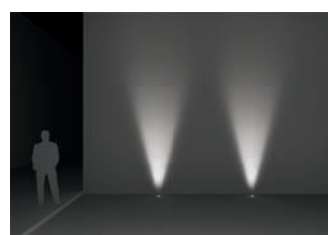
Wall Washer
Super Comfort
Wall Washer



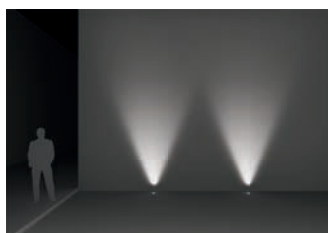
SS - Super Spot
<math><8^\circ</math>



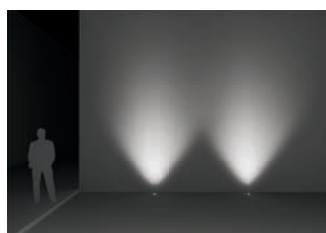
S - Spot
$9^\circ-15^\circ$



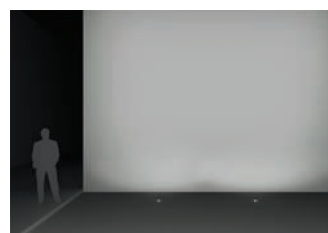
M - Medium
$16^\circ-25^\circ$



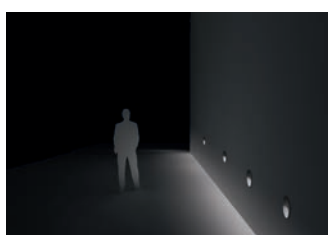
F - Flood
$26^\circ-39^\circ$



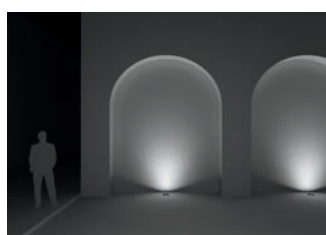
WF - Wide Flood
$40^\circ-69^\circ$



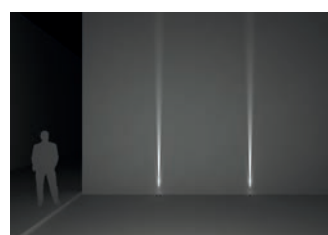
WW - Wall Washer



AL - Longitudinal Asymmetric



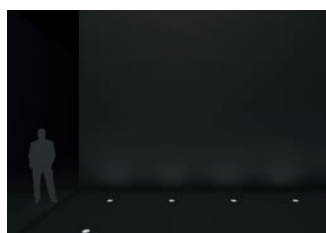
E - Elliptical



L - Light Blade



D - Diffuser



S - Signal

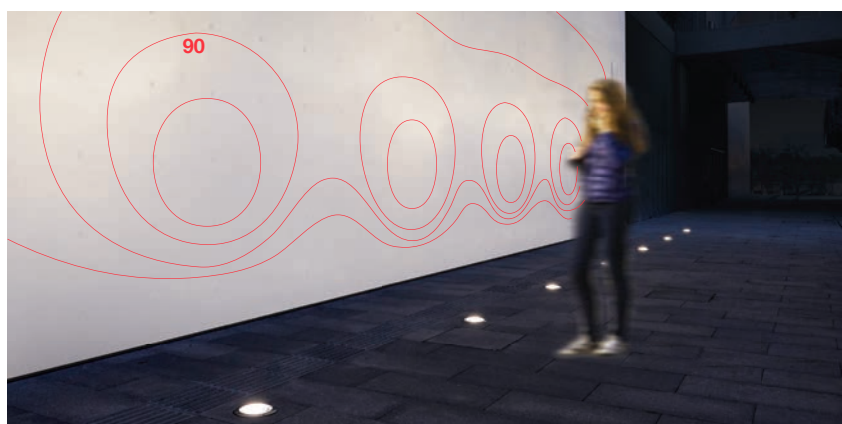
Visual Wellness

Visual comfort increases the more the light source is hidden from view. Our products have a very high screening angle to ensure visual well-being in urban spaces, even when they are close to the product itself.



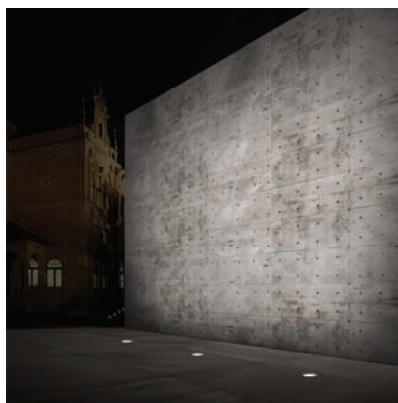
Wall Washer Quality

Vertical lighting is our masterpiece. Light entirely overlaps the surface of the wall. Total cleanliness from bottom to top, with maximum uniformity, without scalloping effects.



Visual Comfort

The Wall Washer optic illuminates from the highest to the lowest point without creating shadow cones and with maximum uniformity and light output. The Super Comfort Wall Washer optic was created for close range applications: in addition to ensuring correct vertical illumination, the light source is completely shielded on the outside to eliminate potential risks of glare.



Wall Washer



Wall Washer Super Comfort

Horizontal excellence

We have transformed our skills in vertical excellence into horizontal excellence through a new optic that distributes lighting over the horizontal plane precisely from the point at the base of the vertical wall where the product is installed and then uniformly along the surface in question. Pure, flush and shadow-free cones near the wall.



Overview Recessed luminaires

Reliability for better Light

Thermal Dissipation

We test the worst-case condition. Thanks to thermographic and fluid-dynamic simulations, we are able to define the best geometry for our products in order to maintain a constant LED operating temperature.



Mac Adam

We choose the world's best suppliers to ensure consistent and repetitive selection of LEDs to ensure colour uniformity not only over time but also between different products in the same lighting project. MacAdam 3 is a standard for us.



MacAdam 3

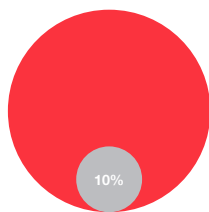


MacAdam>3

Duration of LEDs

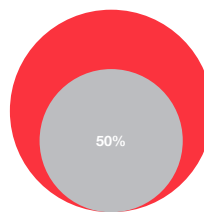
The lifespan of LEDs is a given statistic. Parameters "L" and "B" describe the percentage value of the final luminous flux (L) and the confidence level expressed (B). Our new generation products always envisage B10 or B20, thereby stating extremely reliable LED lifespan values.

90% reliability of parameter L



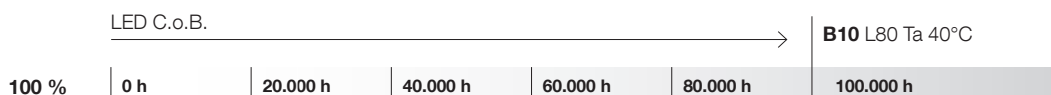
LED iGuzzini B10

50% reliability of parameter L



common LEDs on market B50

B10 indicates a 90% reliability level at the point the declared lifetime is reached with the luminous flux indicated.



It's in the Product

Reduced height

Very low heights for ground and floor installation. Recessed luminaires can be installed with or without an outer casing. Compact dimensions also facilitate fitting in existing paving/floorings.



Adjustability

Innovative dual lens settings* with optic adjustments from the outside without opening the product, thereby totally eliminating the absolute risk of condensation.

* Patent Pending



Inclination $\pm 30^\circ$



Rotation 360°

Roll-over performance

Ground and floor level recessed luminaires, depending on structural materials, the body of the luminaire and relative casings, have different degrees of resistance to torsion and shear, up to 5000 Kg in accordance with EN 60598-2-13.



High degree of protection IP
Maximum protection and resistance to penetration by solids and liquids, up to IP68.

Strong materials

We only choose materials of the highest quality. Frames, body and screws in TORX stainless steel (vandal-proof), sodium hardened calcic glass, with protection up to IK10. Aluminium radiator to ensure maximum heat dissipation and constant LED performance levels



Light Up

Orbit
body in stainless steel
page 760

NEW
Orbit
body in stainless steel
flush frame
page 768

NEW
Orbit
body in stainless steel
all glass flush frame
page 774

Orbit
body in techno-polymer
stainless steel frame
page 780

Orbit
body in techno-polymer
all glass
pag. 784



Fixed



Fixed and Comfort



Fixed and Comfort



Floor Washer



Diffuser



Signalling



Elliptical**



Elliptical**



Signalling



Light Blade*



Light Blade*



Light Blade*



Adjustable



Wall Washer and Wall Washer Super Comfort*



Wall Washer**



Wall Washer**



Diffuser



Diffuser

* Only for $\varnothing 28$

** Only for $\varnothing 50$ and $\varnothing 80$

** Only for $\varnothing 50$ and $\varnothing 80$

** Only for $\varnothing 50$ and $\varnothing 80$

$\varnothing 80$



$\varnothing 80^*$



$\varnothing 80^*$



230/600
WP



$\varnothing \varnothing 60$



$\varnothing 50$



$\varnothing 50^*$



$\varnothing 50^*$



$\varnothing 65$



$\varnothing 28$



$\varnothing 28^*$



$\varnothing 28^*$



$\varnothing 68$
WP



* Dimensions refer to the product complete with casing

* Dimensions refer to the product complete with casing

Earth
page 786



Fixed



Adjustable



Light Blade***



Wall Washer and
Wall Washer Super
Comfort



Diffuser

NEW

Earth
flush frame
page 794



Fixed



Adjustable



Wall Washer and
Wall Washer
Super Comfort



Diffuser

Walk professional
page 802



Adjustable

Balisage
page 804



Radial light

*** Only for \varnothing 144

\varnothing 250



\varnothing 250*



\varnothing 312



\varnothing 148



\varnothing 200



\varnothing 200*



\varnothing 144



\varnothing 144*



* Dimensions refer to the
product complete with
casing

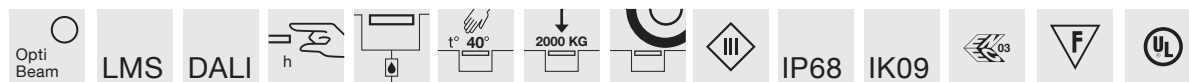
Light Up

Orbit - body in stainless steel



	Signalling	Fixed	Diffuser	Light blade	Wall Washer	Wall Washer Super Comfort
ø 28 mm						
ø 50 mm						
ø 80 mm						

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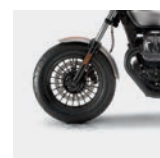
- Floor/ground-, wall- and ceiling-mounted recessed luminaires (except ø 80 mm) intended for use with LED light sources.
- Possibility of installation on the ground without frame casing.
- Comprises body and frame casing.
- Body and frame in AISI 304 stainless steel installed without visible screws, hardened safety glass; A2 stainless steel cable gland complete with outgoing power supply cable of 2x1 mm² type. The cable is provided with IP68 anti-transpiration device.

- Polypropylene plastic frame casing to be ordered separately
- Optics with plastic lenses or reflectors.
- Safe. low voltage power supply at constant current (350/500/700mA depending on the type of specific recessed luminaires) to be ordered separately.
- Static load resistance 2000 Kg using frame casing to be ordered separately.
- Roll-over product in accordance with EN 60598-2-13 (torsion strength and shear load tests).

- The luminaires cannot be used in lanes where they are subjected to horizontal stresses caused by acceleration, braking and/or changes of direction.
- Compact dimensions of the luminaire (<100mm)
- IP68 protection for product and cable alike using IP68 connectors. The product is not considered suitable for installation in swimming pools and fountains.

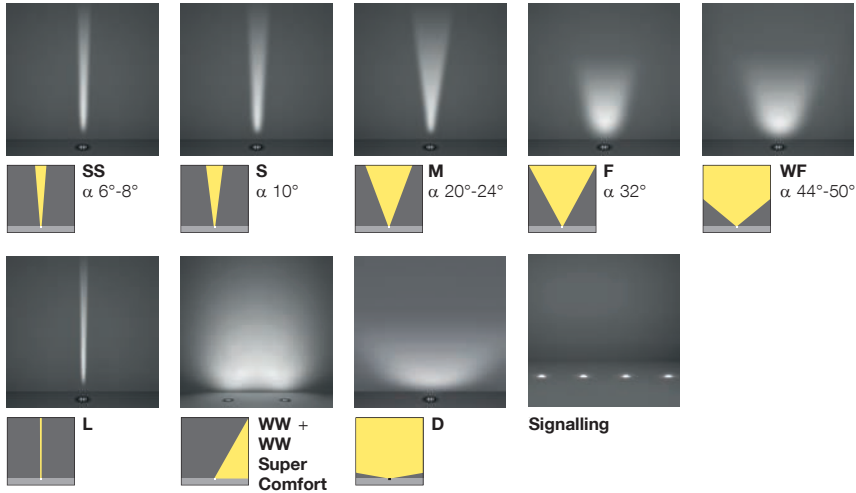


Temperature < 40°C



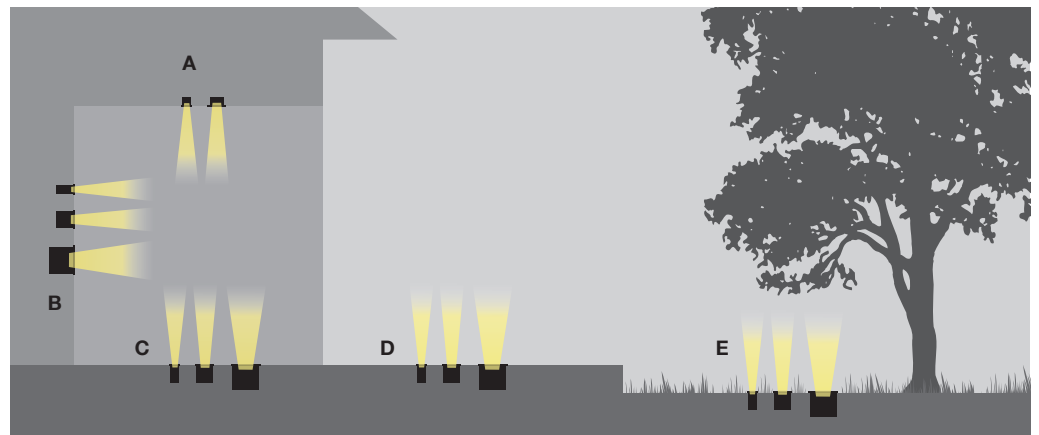
Resistance to static load (2000 Kg), torsion and shear

Optics



Installation

Installation in floor/wall (with outer case), ground (with or without outer case) and ceiling (with springs). Multiple applications for formal continuity.



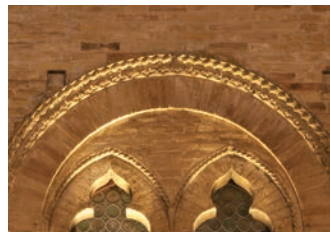
A Ceiling (only for \varnothing 28 / 50)
B Wall

C Floor
D Floor

E Ground

Colour temperature

It is possible to choose cold, neutral or warm white light to achieve ideal integration with the setting or create synesthetic contrasts.



2700K



3000K



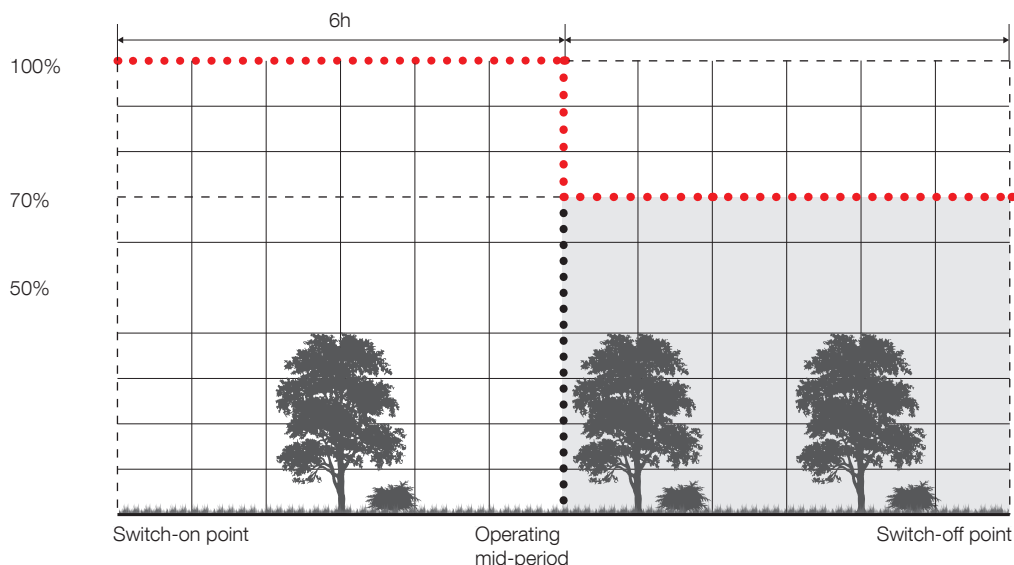
4000K

Light Up


Orbit - body in stainless steel

Middle of the Night

The smart self-learning system uses an algorithm to recognise the mid point of the operation time, thus allowing for reducing the power and consequently the consumption of the luminaire according to the pre-set profile. The same power supply also provides DALI and bi-power operation.





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
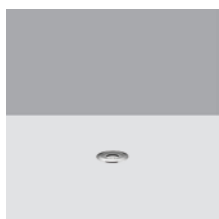
source		system				code colour
W	lm	W	lm	optic		
Ø28						
LED						
4000K - CRI 80						
1W	130	1W	52	12°		E070 13
1W	130	1W	61	21° / 20°		E071 13
3000K - CRI 80						
1W	120	1W	48	12°		E068 13
1W	120	1W	56	21° / 20°		E069 13
2700K - CRI 80						
1W	110	1W	44	12°		E066 13
1W	110	1W	52	21° / 20°		E067 13

Power supply 350 mA to be ordered separately.


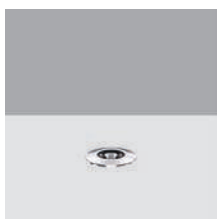



source		system				code colour
W	lm	W	lm	optic		
Ø28 - Diffusing						
LED						
4000K - CRI 80						
1W	120	1W	7	D		E074 13
3000K - CRI 80						
1W	110	1W	7	D		E073 13
2700K - CRI 80						
1W	110	1W	7	D		E072 13


Power supply 350 mA to be ordered separately.


source		system				code colour
W	lm	W	lm	optic		
Ø28 - Signalling						
LED						
5700K - CRI 80						
-	5	0,4W	2	Seg		2600 13
3000K - CRI 80						
-	5	0,4W	2	Seg		ED70 13



source		system				code colour
W	lm	W	lm	optic		
Ø50						
LED						
4000K - CRI 80						
2W	250	2W	168	6°		E081 13
3,8W	490	4W	368	24°		E082 13
3,8W	490	4W	368	43° / 44°		E083 13
3000K - CRI 80						
2W	230	2W	154	6°		E078 13
3,8W	460	4W	345	24°		E079 13
3,8W	460	4W	345	43° / 44°		E080 13
2700K - CRI 80						
2W	220	2W	147	6°		E075 13
3,8W	490	4W	368	24°		E076 13
3,8W	490	4W	368	43° / 44°		E077 13




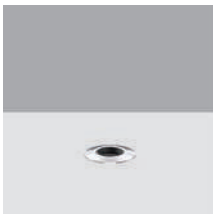
Power supply 350 mA to be ordered separately.
E075 - E078 - E081: Power supply 350/500/700 mA to be ordered separately
IK07



source		system		optic	code colour
W	lm	W	lm		
ø50 - Diffusing					
LED					
4000K - CRI 80					
2W	240	2W	26	D	E089 13
3000K - CRI 80					
2W	220	2W	24	D	E088 13
2700K - CRI 80					
2W	210	2W	23	D	E087 13
Power supply 350/500/700 mA to be ordered separately. IK07					



source		system		optic	code colour
W	lm	W	lm		
ø50 - Light blade					
LED					
4000K - CRI 80					
1W	140	1W	10	L	E092 13
3000K - CRI 80					
1W	130	1W	9	L	E091 13
2700K - CRI 80					
1W	120	1W	8	L	E090 13
Power supply 350 mA to be ordered separately. IK07					



source		system		optic	code colour
W	lm	W	lm		
ø50 - Wall Washer					
LED					
4000K - CRI 80					
1W	140	1W	46	WW	E086 13
3000K - CRI 80					
1W	130	1W	43	WW	E085 13
2700K - CRI 80					
1W	120	1W	40	WW	E084 13
Power supply 350 mA to be ordered separately. IK07					
Wall Washer Super Comfort					
LED					
3000K - CRI 80					
1W	130	1W	12	WW	E184 13
2700K - CRI 80					
1W	120	1W	11	WW	E185 13
4000K - CRI 80					
1W	140	1W	13	WW	E183 13
Power supply 350 mA to be ordered separately. IK07					


source		system		optic	code colour
W	lm	W	lm		
ø80					
LED					
4000K - CRI 80					
5,5W	670	5,5W	556	8°	E099 13
5,5W	650	5,5W	455	33° / 32°	E100 13
5,5W	650	5,5W	533	50° / 49°	E101 13
3000K - CRI 80					
5,5W	620	5,5W	515	8°	E096 13
5,5W	610	5,5W	427	33° / 32°	E097 13
5,5W	610	5,5W	500	50° / 49°	E098 13
2700K - CRI 80					
5,5W	670	5,5W	556	8°	E093 13
5,5W	650	5,5W	455	33° / 32°	E094 13
5,5W	650	5,5W	533	50° / 49°	E095 13
Power supply 350/500mA to be ordered separately.					

source		system		optic	code colour
W	lm	W	lm		
ø80 - Diffusing					
LED					
4000K - CRI 80					
5,4W	640	5,5W	64	D	E107 13
3000K - CRI 80					
5,4W	600	5,5W	60	D	E106 13
2700K - CRI 80					
5,4W	640	5,5W	64	D	E105 13
Power supply 350/500mA to be ordered separately.					

source		system		optic	code colour
W	lm	W	lm		
ø80 - Light blade					
LED					
4000K - CRI 80					
4,2W	540	4,5W	43	L	E110 13
3000K - CRI 80					
4,2W	500	4,5W	40	L	E109 13
2700K - CRI 80					
4,2W	480	4,5W	38	L	E108 13
Power supply 350/500mA to be ordered separately.					



The dimensions of the outer casings are listed in the table on page 764

Class III products: certifications are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

Light Up

Orbit - body in stainless steel

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source		system		optic	code	colour
W	lm	W	lm			
ø80 - Wall Washer						
LED						
4000K - CRI 80						
4,2W	520	4,2W	208	WW	E104	13
3000K - CRI 80						
4,2W	480	4,2W	192	WW	E103	13
2700K - CRI 80						
4,2W	450	4,2W	180	WW	E102	13
Power supply 350/500mA to be ordered separately.						
ø80 - Wall Washer Super Comfort						
LED						
4000K - CRI 80						
4,2W	550	4,2W	55	WW	E117	13
3000K - CRI 80						
4,2W	500	4,2W	50	WW	E118	13
2700K - CRI 80						
4,2W	480	4,2W	48	WW	E119	13

Casing dimensions

6940	6938	6939	X190	X191	X193	X195














	ø28 Signalling	ø28	ø50	ø80
Interfaces & remote units	code colour	code colour	code colour	code colour
Programming Interface DALI	--- ---	MY92 00 For X210-X211-X214-X217	MY92 00 For X210-X211-X214-X217	MY92 00 For X210-X211-X214-X217
Mounting accessories	code colour	code colour	code colour	code colour
Outer casing for mounting on concrete walls + end cap	6938 00	--- ---	--- ---	--- ---
Cylindrical casing for plasterboard or similar walls	6940 00	--- ---	--- ---	--- ---
Plastic casing for installation on walls and ceilings	--- ---	X191 04	--- ---	--- ---
Casing made of plastic material for ground, floor, wall and ceiling with closing cap	--- ---	X190 04 only floors	X193 04	X195 04 only floors and walls
Outer casing for mounting on floors + end cap	6939 00	--- ---	--- ---	--- ---
Springs for installation on plasterboard on walls and on floating floorboards	--- ---	X192 00	X194 00	X196 00 only walls and floating floors
Suction cup	9583 00	9583 00	9583 00	9583 00

	 c28 Signalling	 c28	 c50	 c80
Control gear	code colour	code colour	code colour	code colour
 IP68 box for multiple connections dim. 135x82x70h	B915 04	B915 04	B915 04	B915 04
 IP67 box for power supply dim. 140x230x95h (6PG)	9582 00	9582 00	9582 00	9582 00
 2-way junction connector - IP68	---	X188 00 it is possible to cable in output up to 1 product	X188 00 it is possible to cable in output up to 1 product	X188 00 it is possible to cable in output up to 1 product
 4-way junction connector - IP68	---	X189 00 it is possible to cable in output up to 3 products	X189 00 it is possible to cable in output up to 3 products	X189 00 it is possible to cable in output up to 3 products
 Sealed connector kit IP68 for low voltage	9581 04	9581 04	9581 04	9581 04

	 c28 Signalling	 c28	 c50	 c80
Power supply	code colour	code colour	code colour	code colour
 Constant current power supply unit non dimmable IP20 7W VIN = 100-240VAC 50/60Hz Iout = 350mA/500mA dimensions: 42x40x22	---	9905 00	9905 00	9905 00
 Constant current power supply unit non dimmable IP20 20W VIN = 220-240VAC 50/60Hz Iout = 350mA/500mA/700mA dimensions: 110x52x22	---	X020 00	X020 00	X020 00
 Constant current power supply unit DALI IP20 20W VIN = 110-127/220-240VAC 50/60Hz Iout = 350/500/700mA dimensions: 110x52x22	---	X090 00	X090 00	X090 00
 Constant current power supply unit DALI with outgoing cables IP68 15W VIN = 110-240VAC 50/60Hz Iout = 350mA dim. 180x90x68	---	X212 00	X212 00	X212 00
 Constant current power supply unit DALI with outgoing cables IP68 25W VIN = 110-240VAC 50/60Hz Iout = 350mA dim. 180x90x68	---	X213 00	X213 00	X213 00
 Constant current power supply unit DALI with outgoing cables IP68 24W VIN = 110-240VAC 50/60Hz Iout = 500mA dim. 180x90x68	---	---	X215 00	X215 00

Light Up

Orbit - body in stainless steel

	 ø28 Signalling		 ø28		 ø50		 ø80	
Power supply	code	colour	code	colour	code	colour	code	colour
 Constant current power supply unit DALI with outgoing cables IP68 35W VIN = 110-240VAC 50/60Hz Iout = 500mA dim. 180x90x68	---	---	---	---	X216	00	X216	00
 Constant current power supply unit DALI/Step-Dim/ Middle of the night profile IP20 40W VIN = 120-277VAC 50/60Hz Iout = 500mA dimensions: 123x79x33	---	---	---	---	X214	00	X214	00
 Constant voltage power supply unit non dimmable track DIN 240W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912	00	---	---	---	---	---	---
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	PC16	00	---	---	---	---	---	---
 Constant current power supply unit non dimmable track DIN 10W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93	9908	00	---	---	---	---	---	---
 Constant voltage power supply unit non dimmable track DIN 24W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909	00	---	---	---	---	---	---
 Constant voltage power supply unit non dimmable track DIN 72W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9910	00	---	---	---	---	---	---
 Constant voltage power supply unit non dimmable track DIN 96W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105	9911	00	---	---	---	---	---	---
 Constant current power supply unit DALI/Step-Dim/ Middle of the night profile IP20 40W VIN = 120-277VAC 50/60Hz dimensions: 123x79x33	---	---	X210	00	X210	00	X210	00
 Dimmable electronic power supply unit DALI/Step-Dim/ Middle of the night profile IP20 60W VIN = 220-240VAC 50/60Hz Iout = 350mA dimensions: 123x79x33	---	---	X211	00	X211	00	X211	00
VIN = 220-240VAC 50/60Hz Iout = 500mA dimensions: 133x76x39	---	---	---	---	X217	00	X217	00

Canva – Sydney, Australia
 Architectural Project:
 Sandstrom Architects
 Lighting project:
 Electrolight Australia
 Photo: Rohan Venn



Light Up

Orbit - body in stainless steel
flush frame



	Diffuser	Fixed (Opti Beam Reflector)	Fixed (Opti Beam Lens)	Comfort (Opti Beam Reflector)	Comfort (Opti Beam Lens)	Elliptical	Light blade	Wall Washer
ø 28* mm								
ø 50* mm								
ø 80* mm								

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* Dimensions refer to the product complete with casing

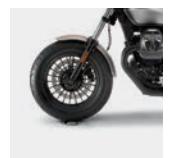
- Floor/ground-mounted recessed luminaire intended for use with LED light sources.
- Comprises body and frame casing.
- Body and frame flush with floor in AISI 304 stainless steel installed without visible screws, hardened safety glass; A2 stainless steel cable gland complete with output power supply cable type.2x1mm². The cable is provided with IP68 anti-transpiration device.
- Casing in polypropylene plastic complete with AISI 304 stainless steel ring, to be ordered separately.
- Optics with plastic lenses or reflectors.

- Safe. low voltage power supply at constant current (350/500/700mA depending on the type of specific recessed luminaires) to be ordered separately.
- Static load resistance 2000 Kg using frame casing to be ordered separately.
- Roll-over product in accordance with EN 60598-2-13 (torsion strength and shear load tests).
- The luminaires cannot be used in lanes where they are subjected to horizontal stresses caused by acceleration, braking and/or changes of direction.

- Compact dimensions of the luminaire (<100mm)
- IP68 protection for product and cable alike using IP68 connectors. The product is not considered suitable for installation in swimming pools and fountains.



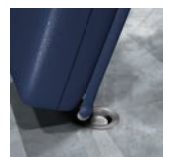
Temperature < 40°C



Resistance to static load (2000 Kg), torsion and shear

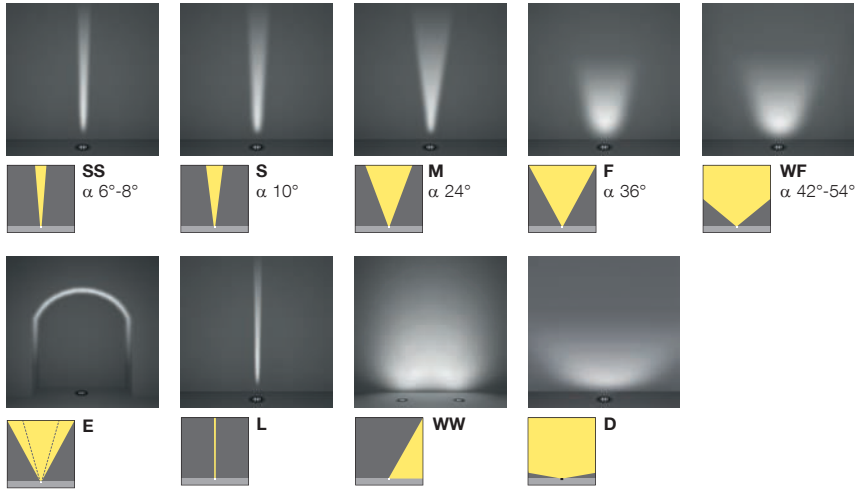


Installation on the floor/ground.



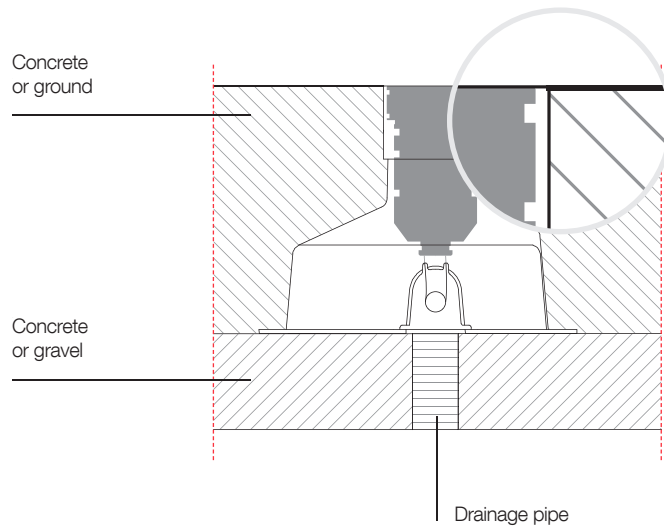
Installed flush with floor

Optics



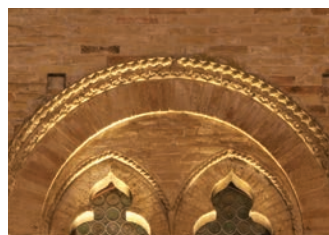
Flush installation

Flush installation meets pedestrian and vehicle safety requirements by avoiding tripping or traffic obstacles, as well as aesthetic functions. Light Up Orbit: this variant allows installation perfectly flush with the floor, road or ground by using a casing that maintains roll-over performance.



Colour temperature

It is possible to choose cold, neutral or warm white light to achieve ideal integration with the setting or create synesthetic contrasts.



2700K



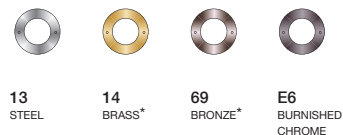
3000K



4000K
(available on request)

Light Up

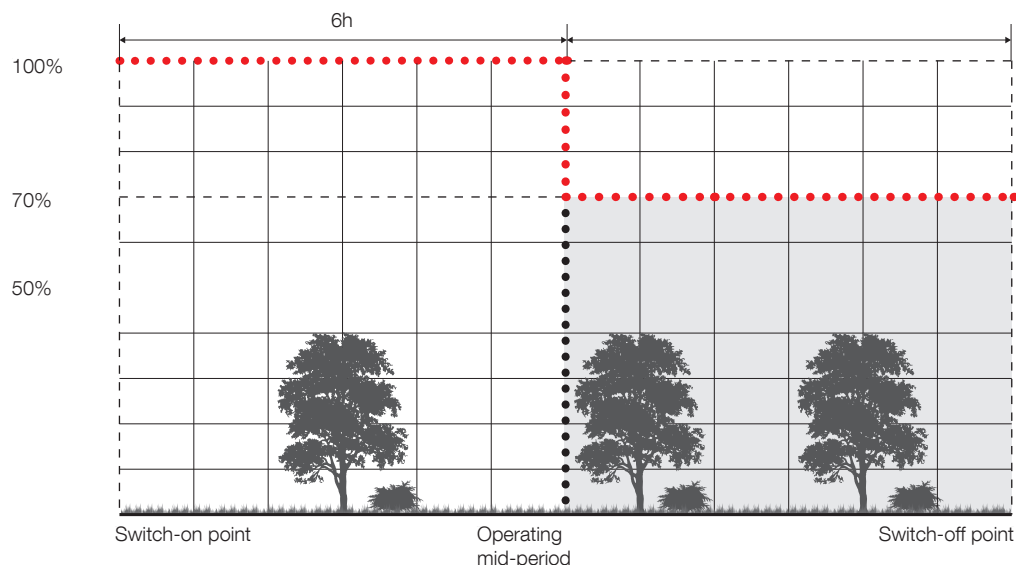
Orbit - body in stainless steel flush frame



* available on request

Middle of the Night

The smart self-learning system uses an algorithm to recognise the mid point of the operation time, thus allowing for reducing the power and consequently the consumption of the luminaire according to the pre-set profile. The same power supply also provides DALI and bi-power operation.



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new
Available from June

new

source		system			
W	lm	W	lm	optic	code colour
ø28					
LED					
3000K - CRI 80					
1W	120	1W	38	10°	ER51 13
1W	120	1W	38	24°	ER52 13
2700K - CRI 80					
1W	110	1W	35	10°	ER53 13
1W	110	1W	35	24°	ER54 13

Frame casing ø28 to be ordered separately.
4000K versions available on request
350mA power supply to be ordered separately.
Opti Beam Reflector

new

source		system			
W	lm	W	lm	optic	code colour
ø28 - Diffuser optic					
LED					
3000K - CRI 80					
1W	110	1W	7	D	ER56 13
2700K - CRI 80					
1W	110	1W	7	D	ER57 13

Frame casing ø28 to be ordered separately.
4000K versions available on request
350mA power supply to be ordered separately.

new

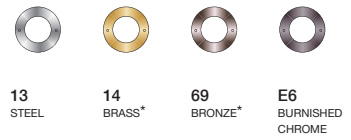
source		system			
W	lm	W	lm	optic	code colour
ø50					
LED					
3000K - CRI 80					
2W	230	2W	154	6°	ER70 13
3,8W	450	4W	338	24°	ER72 13
3,8W	450	4W	337	42°	ER74 13
2700K - CRI 80					
2W	220	2W	147	6°	ER76 13
3,8W	490	4W	368	24°	ER78 13
3,8W	490	4W	367	42°	ER80 13

Frame casing ø50 to be ordered separately.
4000K versions available on request
ER70 ER76 350/500/700mA power supply to be ordered separately.
Opti Beam Reflector
ER70 - ER76: Opti Beam Lens

new

source		system			
W	lm	W	lm	optic	code colour
ø50 - Comfort					
LED					
3000K - CRI 80					
2W	230	2W	154	6°	ER71 13
3,8W	450	4W	338	24°	ER73 13
3,8W	450	4W	337	42°	ER75 13
2700K - CRI 80					
2W	220	2W	147	6°	ER77 13
3,8W	490	4W	368	24°	ER79 13
3,8W	490	4W	367	42°	ER81 13

Frame casing ø50 to be ordered separately.
4000K versions available on request
ER71 ER77 350/500/700mA power supply to be ordered separately.
Opti Beam Reflector
ER71 - ER77: Opti Beam Lens



new

Available from June

* available on request



source		system		optic	code colour
W	lm	W	lm		
ø50 - Elliptical					
LED					
3000K - CRI 80					
2W	230	2W	154	10°/50°	ER83 13
2700K - CRI 80					
2W	220	2W	147	10°/50°	ER84 13



Frame casing ø50 to be ordered separately.
4000K versions available on request
350/500/700mA power supply to be ordered separately.
Opti Beam Lens



source		system		optic	code colour
W	lm	W	lm		
ø50 - Diffuser					
LED					
3000K - CRI 80					
2W	220	2W	24	D	ER86 13
2700K - CRI 80					
2W	210	2W	23	D	ER87 13



Frame casing ø50 to be ordered separately.
4000K versions available on request
350/500/700mA power supply to be ordered separately.



source		system		optic	code colour
W	lm	W	lm		
ø50 - Wall washer					
LED					
3000K - CRI 80					
1W	130	1W	43	WW	ER89 13
2700K - CRI 80					
1W	120	1W	40	WW	ER90 13



Frame casing ø50 to be ordered separately.
4000K versions available on request
350mA power supply to be ordered separately.



source		system		optic	code colour
W	lm	W	lm		
ø50 - Light blade					
LED					
3000K - CRI 80					
1W	130	1W	9	L	ER92 13
2700K - CRI 80					
1W	120	1W	8	L	ER93 13



Frame casing ø50 to be ordered separately.
4000K versions available on request
350mA power supply to be ordered separately.



source		system		optic	code colour
W	lm	W	lm		
ø80					
LED					
3000K - CRI 80					
5,5W	610	5,5W	506	8°	ES27 13
5,5W	600	5,5W	420	36°	ES29 13
5,5W	600	5,5W	492	54°	ES31 13
2700K - CRI 80					
5,5W	670	5,5W	556	8°	ES33 13
5,5W	650	5,5W	455	36°	ES35 13
5,5W	650	5,5W	492	54°	ES37 13



Frame casing ø80 to be ordered separately.
4000K versions available on request
350/500mA power supply to be ordered separately.
Opti Beam Reflector
ES27 - ES33: Opti Beam Lens



source		system		optic	code colour
W	lm	W	lm		
ø80 - Comfort					
LED					
3000K - CRI 80					
5,5W	610	5,5W	506	8°	ES28 13
5,5W	600	5,5W	420	36°	ES30 13
5,5W	600	5,5W	492	54°	ES32 13
2700K - CRI 80					
5,5W	670	5,5W	556	8°	ES34 13
5,5W	650	5,5W	455	36°	ES36 13
5,5W	650	5,5W	492	54°	ES38 13



Frame casing ø80 to be ordered separately.
4000K versions available on request
350/500mA power supply to be ordered separately.
Opti Beam Reflector
ES28 - ES34: Opti Beam Lens



source		system		optic	code colour
W	lm	W	lm		
ø80 - Elliptical					
LED					
3000K - CRI 80					
5,5W	610	5,5W	506	10/50°	ES40 13
2700K - CRI 80					
5,5W	670	5,5W	556	10/50°	ES41 13



Frame casing ø80 to be ordered separately.
4000K versions available on request
350/500mA power supply to be ordered separately.
Opti Beam Lens



source		system		optic	code colour
W	lm	W	lm		
ø80 - Diffuser					
LED					
3000K - CRI 80					
5,4W	590	5,5W	59	D	ES43 13
2700K - CRI 80					
5,4W	640	5,5W	64	D	ES44 13



Frame casing ø80 to be ordered separately.
4000K versions available on request
350/500mA power supply to be ordered separately.

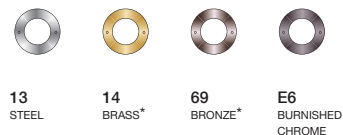
The dimensions of the outer casings are listed in the table on page 772

Class III products: certifications are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

Light Up

Orbit - body in stainless steel flush frame



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new

Available from June

* available on request

source	system		optic	code	colour
	W	lm			
ø80 - Wall washer					
LED					
3000K - CRI 80					
4,2W	480	4,2W	192	WW	ES46 13
2700K - CRI 80					
4,2W	450	4,2W	180	WW	ES47 13

Frame casing ø80 to be ordered separately.
4000K versions available on request
350/500mA power supply to be ordered separately.



source	system		optic	code	colour
	W	lm			
ø80 - Light blade					
LED					
3000K - CRI 80					
5W	480	5,2W	48	L	ES49 13
2700K - CRI 80					
5W	480	5,2W	48	L	ES50 13

Frame casing ø80 to be ordered separately.
4000K versions available on request
350/500mA power supply to be ordered separately.



Casing dimensions

X489	X490	X491

ø28

ø50

ø80

Interfaces & remote units

	code	colour	code	colour	code	colour
Programming Interface DALI	MY92	00	MY92	00	MY92	00
	For X210-X211-X214-X217		For X210-X211-X214-X217		For X210-X211-X214-X217	

Mounting accessories

	code	colour	code	colour	code	colour
Outer casing in plastic for the ground, floor with stainless steel ring + closure cap	X489	13	X490	13	X491	13
Suction cup	9583	00	9583	00	9583	00

Control gear

	code	colour	code	colour	code	colour
IP68 box for multiple connections						
dim. 135x82x70h	B915	04	B915	04	B915	04
IP67 box for power supply						
dim. 140x230x95h (6PG)	9582	00	9582	00	9582	00
2-way junction connector - IP68	X188	00	X188	00	X188	00
	it is possible to cable in output up to 1 product		it is possible to cable in output up to 1 product		it is possible to cable in output up to 1 product	
4-way junction connector - IP68	X189	00	X189	00	X189	00
	it is possible to cable in output up to 3 products		it is possible to cable in output up to 3 products		it is possible to cable in output up to 3 products	
Sealed connector kit IP68 for low voltage	9581	04	9581	04	9581	04

	 ø28	 ø50	 ø80
Power supply	code colour	code colour	code colour
 Constant current power supply unit non dimmable IP20 7W VIN = 100-240VAC 50/60Hz Iout = 350mA/500mA dimensions: 42x40x22	9905 00	9905 00	9905 00
 Constant current power supply unit non dimmable IP20 20W VIN = 220-240VAC 50/60Hz Iout = 350mA/500mA/700mA dimensions: 110x52x22	X020 00	X020 00	X020 00
 Constant current power supply unit DALI IP20 20W VIN = 110-127/220-240VAC 50/60Hz Iout = 350/500/700mA dimensions: 110x52x22	X090 00	X090 00	X090 00
 Constant current power supply unit DALI with outgoing cables IP68 15W VIN = 110-240VAC 50/60Hz Iout = 350mA dim. 180x90x68	X212 00	X212 00	X212 00
 Constant current power supply unit DALI with outgoing cables IP68 25W VIN = 110-240VAC 50/60Hz Iout = 350mA dim. 180x90x68	X213 00	X213 00	X213 00
 Constant current power supply unit DALI with outgoing cables IP68 24W VIN = 110-240VAC 50/60Hz Iout = 500mA dim. 180x90x68	---	X215 00	X215 00
 Constant current power supply unit DALI with outgoing cables IP68 35W VIN = 110-240VAC 50/60Hz Iout = 500mA dim. 180x90x68	---	X216 00	X216 00
 Constant current power supply unit DALI/Step-Dim/ Middle of the night profile IP20 40W VIN = 120-277VAC 50/60Hz Iout = 500mA dimensions: 123x79x33	---	X214 00	X214 00
 Constant current power supply unit DALI/Step-Dim/ Middle of the night profile IP20 40W VIN = 120-277VAC 50/60Hz dimensions: 123x79x33	X210 00	X210 00	X210 00
 Dimmable electronic power supply unit DALI/Step-Dim/ Middle of the night profile IP20 60W VIN = 220-240VAC 50/60Hz Iout = 350mA dimensions: 123x79x33	X211 00	X211 00	X211 00
VIN = 220-240VAC 50/60Hz Iout = 500mA dimensions: 133x76x39	---	X217 00	X217 00

Light Up

Orbit - body in stainless steel
all glass flush frame



	Fixed (Opti Beam Reflector)	Fixed (Opti Beam Lens)	Comfort (Opti Beam Reflector)	Comfort (Opti Beam Lens)	Elliptical	Light blade	Wall Washer
ø 28* mm							
ø 50* mm							
ø 80* mm							

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* Dimensions refer to the product complete with casing

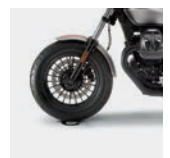
- Floor/ground-mounted recessed luminaire intended for use with LED light sources.
- Comprises body and frame casing.
- Body in AISI 304 stainless steel with safety glass flush with the floor and black screen printing; A2 stainless steel cable gland complete with output power supply cable type.2x1mm². The cable is provided with IP68 anti-transpiration device.
- Casing in polypropylene plastic complete with AISI 304 stainless steel ring, to be ordered separately.
- Optics with plastic lenses or reflectors.

- Safe. low voltage power supply at constant current (350/500/700mA depending on the type of specific recessed luminaires) to be ordered separately.
- Static load resistance 2000 Kg using frame casing to be ordered separately.
- Roll-over product in accordance with EN 60598-2-13 (torsion strength and shear load tests).
- The luminaires cannot be used in lanes where they are subjected to horizontal stresses caused by acceleration, braking and/or changes of direction.

- Compact dimensions of the luminaire (<100mm)
- IP68 protection for product and cable alike using IP68 connectors. The product is not considered suitable for installation in swimming pools and fountains.



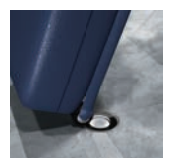
Temperature < 40°C



Resistance to static load (2000 Kg), torsion and shear

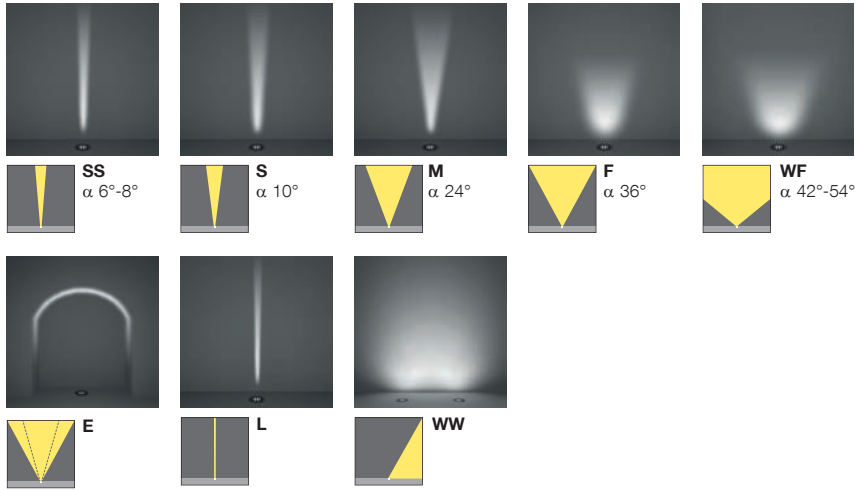


Installation on the floor/ground.



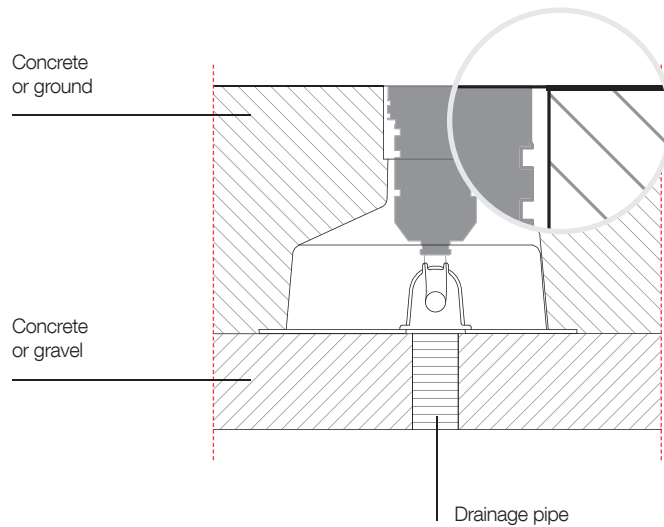
Installed flush with floor

Optics



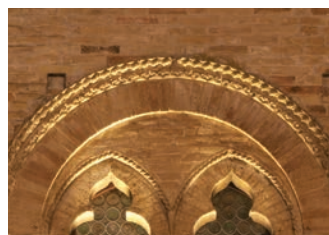
Flush installation

Flush installation meets pedestrian and vehicle safety requirements by avoiding tripping or traffic obstacles, as well as aesthetic functions. Light Up Orbit: this variant allows installation perfectly flush with the floor, road or ground by using a casing that maintains roll-over performance.



Colour temperature

It is possible to choose cold, neutral or warm white light to achieve ideal integration with the setting or create synesthetic contrasts.



2700K



3000K



4000K
(available on request)

Light Up

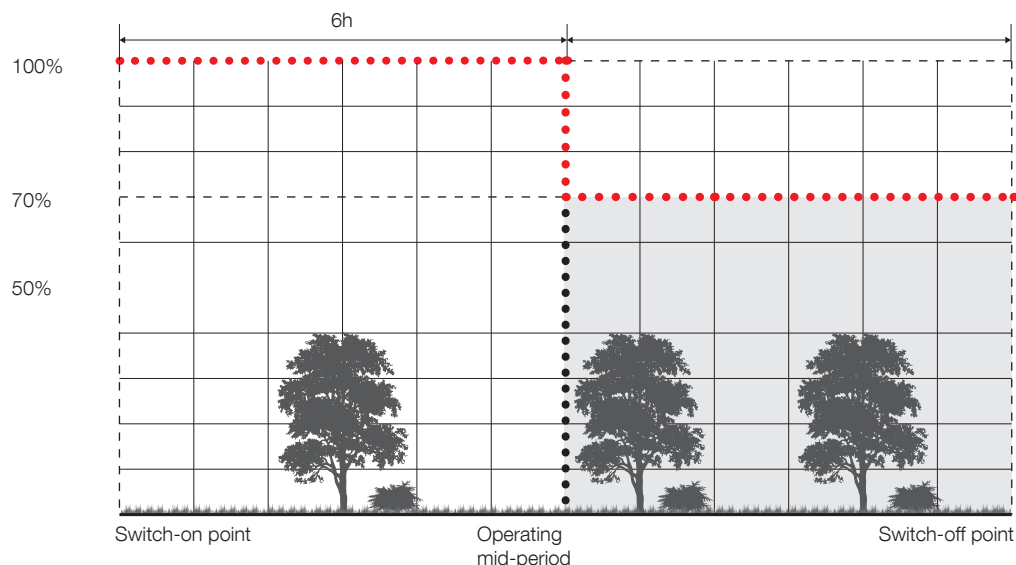
Orbit - body in stainless steel all glass flush frame



04
BLACK

Middle of the Night

The smart self-learning system uses an algorithm to recognise the mid point of the operation time, thus allowing for reducing the power and consequently the consumption of the luminaire according to the pre-set profile. The same power supply also provides DALI and bi-power operation.



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new
Available from June

new

source		system				code colour
W	lm	W	lm	optic		
ø28						
LED						
3000K - CRI 80						
1W	120	1W	38	10°	ER60	04
1W	120	1W	38	24°	ER61	04
2700K - CRI 80						
1W	110	1W	35	10°	ER62	04
1W	110	1W	35	24°	ER63	04

Frame casing ø28 to be ordered separately.
4000K versions available on request
350mA power supply to be ordered separately.
Opti Beam Reflector

new

source		system				code colour
W	lm	W	lm	optic		
ø50						
LED						
3000K - CRI 80						
2W	230	2W	154	6°	ES00	04
3,8W	450	4W	338	24°	ES02	04
3,8W	450	4W	337	42°	ES04	04
2700K - CRI 80						
2W	220	2W	147	6°	ES06	04
3,8W	490	4W	368	24°	ES08	04
3,8W	490	4W	367	42°	ES10	04

Frame casing ø50 to be ordered separately.
4000K versions available on request
350mA power supply to be ordered separately.
ES00 ES06 350/500/700mA power supply to be ordered separately.
Opti Beam Reflector
ES00 - ES06: Opti Beam Lens

new

source		system				code colour
W	lm	W	lm	optic		
ø50 - Comfort						
LED						
3000K - CRI 80						
2W	230	2W	154	6°	ES01	04
3,8W	450	4W	338	24°	ES03	04
3,8W	450	4W	337	42°	ES05	04
2700K - CRI 80						
2W	220	2W	147	6°	ES07	04
3,8W	490	4W	368	24°	ES09	04
3,8W	490	4W	367	42°	ES11	04

Frame casing ø50 to be ordered separately.
4000K versions available on request
350mA power supply to be ordered separately.
ES01 ES07 350/500/700mA power supply to be ordered separately.
Opti Beam Reflector
ES01 - ES07: Opti Beam Lens

new

source		system				code colour
W	lm	W	lm	optic		
ø50 - Elliptical						
LED						
3000K - CRI 80						
2W	230	2W	154	10°/50°	ES13	04
2700K - CRI 80						
2W	220	2W	147	10°/50°	ES14	04

Frame casing ø50 to be ordered separately.
4000K versions available on request
350/500/700mA power supply to be ordered separately.
Opti Beam Lens



new

Available from June

new

source		system		optic	code colour
W	lm	W	lm		
ø50 - Wall washer					
LED					
3000K - CRI 80					
1W	130	1W	43	WW	ES16 04
2700K - CRI 80					
1W	120	1W	40	WW	ES17 04

Frame casing ø50 to be ordered separately.
4000K versions available on request
350mA power supply to be ordered separately.

new

source		system		optic	code colour
W	lm	W	lm		
ø50 - Light blade					
LED					
3000K - CRI 80					
1W	130	1W	9	L	ES19 04
2700K - CRI 80					
1W	120	1W	8	L	ES20 04

Frame casing ø50 to be ordered separately.
4000K versions available on request
350mA power supply to be ordered separately.

new

source		system		optic	code colour
W	lm	W	lm		
ø80					
LED					
3000K - CRI 80					
5,5W	610	5,5W	506	8°	ES57 04
5,5W	600	5,5W	420	36°	ES59 04
5,5W	600	5,5W	492	54°	ES61 04
2700K - CRI 80					
5,5W	670	5,5W	556	8°	ES63 04
5,5W	650	5,5W	455	36°	ES65 04
5,5W	650	5,5W	492	54°	ES67 04

Frame casing ø80 to be ordered separately.
4000K versions available on request
350/500mA power supply to be ordered separately.
Opti Beam Reflector
ES57 - ES63: Opti Beam Lens

new

source		system		optic	code colour
W	lm	W	lm		
ø80 - Comfort					
LED					
3000K - CRI 80					
5,5W	610	5,5W	506	8°	ES58 04
5,5W	600	5,5W	420	36°	ES60 04
5,5W	600	5,5W	492	54°	ES62 04
2700K - CRI 80					
5,5W	670	5,5W	556	8°	ES64 04
5,5W	650	5,5W	455	36°	ES66 04
5,5W	650	5,5W	492	54°	ES68 04

Frame casing ø80 to be ordered separately.
4000K versions available on request
350/500mA power supply to be ordered separately.
Opti Beam Reflector
ES58 - ES64: Opti Beam Lens

new

source		system		optic	code colour
W	lm	W	lm		
ø80 - Elliptical					
LED					
3000K - CRI 80					
5,5W	610	5,5W	506	10/50°	ES70 04
2700K - CRI 80					
5,5W	670	5,5W	556	10/50°	ES71 04

Frame casing ø80 to be ordered separately.
4000K versions available on request
350/500mA power supply to be ordered separately.
Opti Beam Lens

new

source		system		optic	code colour
W	lm	W	lm		
ø80 - Wall washer					
LED					
3000K - CRI 80					
4,2W	480	4,2W	192	WW	ES73 04
2700K - CRI 80					
4,2W	450	4,2W	180	WW	ES74 04

Frame casing ø80 to be ordered separately.
4000K versions available on request
350/500mA power supply to be ordered separately.

new

source		system		optic	code colour
W	lm	W	lm		
ø80 - Light blade					
LED					
3000K - CRI 80					
4,2W	500	4,5W	40	L	ES76 04
2700K - CRI 80					
4,2W	480	4,5W	38	L	ES77 04

Frame casing ø80 to be ordered separately.
4000K versions available on request
350/500mA power supply to be ordered separately.

The dimensions of the outer casings are listed in the table on page 778

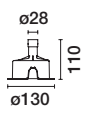
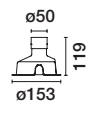
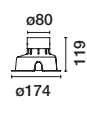
Class III products: certifications are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

Light Up

Orbit - body in stainless steel
all glass flush frame

Casing dimensions



X489	X490	X491
		

		
ø28	ø50	ø80






Interfaces & remote units


	code	colour	code	colour	code	colour
 Programming Interface DALI	MY92	00	MY92	00	MY92	00
	For X210-X211-X214-X217		For X210-X211-X214-X217		For X210-X211-X214-X217	

Mounting accessories

	code	colour	code	colour	code	colour
 Outer casing in plastic for the ground, floor with stainless steel ring + closure cap	X489	13	X490	13	X491	13
 Suction cup	9583	00	9583	00	9583	00

Control gear

	code	colour	code	colour	code	colour
 IP68 box for multiple connections dim. 135x82x70h	B915	04	B915	04	B915	04
 IP67 box for power supply dim. 140x230x95h (6PG)	9582	00	9582	00	9582	00
 2-way junction connector - IP68 it is possible to cable in output up to 1 product	X188	00	X188	00	X188	00
 4-way junction connector - IP68 it is possible to cable in output up to 3 products	X189	00	X189	00	X189	00
 Sealed connector kit IP68 for low voltage	9581	04	9581	04	9581	04

	○ ø28	○ ø50	○ ø80			
Power supply	code	colour	code	colour	code	colour
 Constant current power supply unit non dimmable IP20 7W VIN = 100-240VAC 50/60Hz Iout = 350mA/500mA dimensions: 42x40x22	9905	00	9905	00	9905	00
 Constant current power supply unit non dimmable IP20 20W VIN = 220-240VAC 50/60Hz Iout = 350mA/500mA/700mA dimensions: 110x52x22	X020	00	X020	00	X020	00
 Constant current power supply unit DALI IP20 20W VIN = 110-127/220-240VAC 50/60Hz Iout = 350/500/700mA dimensions: 110x52x22	X090	00	X090	00	X090	00
 Constant current power supply unit DALI with outgoing cables IP68 15W VIN = 110-240VAC 50/60Hz Iout = 350mA dim. 180x90x68	X212	00	X212	00	X212	00
 Constant current power supply unit DALI with outgoing cables IP68 25W VIN = 110-240VAC 50/60Hz Iout = 350mA dim. 180x90x68	X213	00	X213	00	X213	00
 Constant current power supply unit DALI with outgoing cables IP68 24W VIN = 110-240VAC 50/60Hz Iout = 500mA dim. 180x90x68	---	---	X215	00	X215	00
 Constant current power supply unit DALI with outgoing cables IP68 35W VIN = 110-240VAC 50/60Hz Iout = 500mA dim. 180x90x68	---	---	X216	00	X216	00
 Constant current power supply unit DALI/Step-Dim/ Middle of the night profile IP20 40W VIN = 120-277VAC 50/60Hz Iout = 500mA dimensions: 123x79x33	---	---	X214	00	X214	00
 Constant current power supply unit DALI/Step-Dim/ Middle of the night profile IP20 40W VIN = 120-277VAC 50/60Hz dimensions: 123x79x33	X210	00	X210	00	X210	00
 Dimmable electronic power supply unit DALI/Step-Dim/ Middle of the night profile IP20 60W VIN = 220-240VAC 50/60Hz Iout = 350mA dimensions: 123x79x33	X211	00	X211	00	X211	00
VIN = 220-240VAC 50/60Hz Iout = 500mA dimensions: 133x76x39	---	---	X217	00	X217	00

Light Up

Orbit - body in techno-polymer
stainless steel frame



Floor Washer



65x65 mm

Adjustable



65x65 mm

Signalling



65x65 mm



ø 68 mm



230x65 mm



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IP68

IK09



- Wall-mounted recessed luminaire intended for use with LED light sources for signals, illumination and floor washer applications.
- Comprises body (round and square), casing and frame.
- Circular and square version: the body of the fitting is made of highly resistant thermoplastic material; H=100 mm painted cast aluminium barrel outer casing for installation, which can be ordered separately, for wall- or ground-installation, complete with end cap.
- H=150 mm version available in plastic for installation in gardens.
- Linear version: extruded aluminium body and die-cast black painted end caps; H=100 mm painted

- extruded aluminium and stainless steel outer casing for installation, which can be ordered separately, for wall or ground-installation, complete with top end cap.
- Stainless steel frame; sodium-calcium upper glass; on signal LED versions, opal internal screen black silicone rubber sealing gasket; AISI 304 stainless steel turned parts for fixing the body to the frame/glass; linear versions with sodium-calcium tempered glass secured to the body with silicone; anti-glare spill-ring made of thermoplastic material for versions with lighting LEDs.
- Versions with dynamic RGB colour change compatible with pre-configured light management systems.

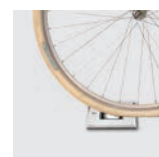
- Versions with adjustable optics.
- Static load resistance 500 Kg with plastic casing, 1000 Kg with aluminium casing.
- Impact resistance IK09.
- Contact temperature <40 °C.
- Compact dimensions.
- All external screws used are in A2 stainless steel.



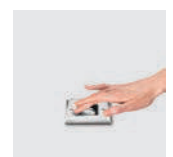
Installation on the floor/ground.



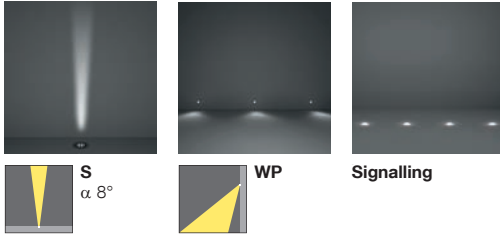
Wall-mounted installation



Static load resistance



Temperature < 40°C

Optics


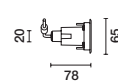
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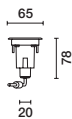
source		system				code	colour
W	lm	W	lm	optic			
ø68 - Floor washer							
LED							
5700K - CRI 80							
0,1W	20	0,4W	8	WP	2611	13	
3000K - CRI 80							
0,1W	20	0,4W	8	WP	ED71	13	
24Vdc							



source		system				code	colour
W	lm	W	lm	optic			
65x65 - Floor washer							
LED							
3000K - CRI 80							
0,1W	20	0,4W	9	WP	BD74	13	
24Vdc							
Power supply to be ordered separately							



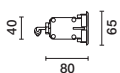
source		system				code	colour
W	lm	W	lm	optic			
65x65 - Adjustable optic ±7°							
LED							
4000K - CRI 80							
1W	100	1,3W	54	8°	BB47	13	
3000K - CRI 80							
1W	80	1,3W	43	8°	BB48	13	
350mA							
Power supply only with code 9905-9907.							



source		system				code	colour
W	lm	W	lm	optic			
65 x 65 - Signalling							
LED							
3000K - CRI 80							
0,2W	40	0,7W	3	Seg	BD73	13	
24Vdc							
Power supply to be ordered separately.							



source		system				code	colour
W	lm	W	lm	optic			
230x65 - Floor washer							
LED							
4000K - CRI 80							
2W	190	2,7W	23	WP	BB57	13	
6W	580	8W	71	WP	BB59	13	
3000K - CRI 80							
2W	170	2,7W	21	WP	BB58	13	
6W	510	8W	62	WP	BB60	13	
220-240Vac							
Complete with power supply.							
Class of Insulation II.							



The dimensions of the outer casings are listed in the table on page 782

Class III products: certifications are assured only when using the electronic power supplies and drivers indicated in the catalogue.












Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.


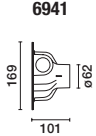





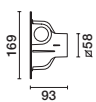

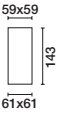
Light Up

Orbit - body in techno-polymer stainless steel frame



13
STEEL

	 65x65	 ø68	 230x65			
Mounting accessories	code	colour	code	colour	code	colour
 Adaptor for casing						
ø 260 - h 154	9579	00	9579	00	---	---
ø 357 - h 105	9580	00	9580	00	---	---
 Aluminium casing + end cap						
L=230	---	---	---	---	B985	04
L=600	---	---	---	---	B986	04
 Aluminium outer casing for wall installation + end cap	---	---	6941	04	---	---
 Outer casing in aluminium for concrete wall installation + end cap	B976	04	---	---	---	---
 Aluminium outer casing for floor installation + end cap	B977	04	---	---	---	---
 Plastic casing for wall and floor installation + end cap IP68	---	---	6943	04	---	---
 Plastic casing for installation on floors and ground + end cap - IP68	B978	04	---	---	---	---
 Suction cup	9583	00	9583	00	---	---

	installed on wall	installed on floor	installed on wall/ floor/ground	installed on wall	installed on wall
 ø 68	 6941 169 101 ø 62	 6943 ø 62 155	 230x65	 B985 58 81 88 L=227	 B986 58 81 88 L=597
 ø 65	 B976 169 93 ø 62	 B977 ø 58 129 90	 B978 59x59 143 61x61		



65x65






ø68



230x65

Control gear

	code	colour	code	colour	code	colour
 <p>IP68 box for multiple connections</p> <p>dim. 135x82x70h</p>	B915	04	B915	04	B915	04
 <p>IP67 box for power supply</p> <p>dim. 140x230x95h (6PG)</p>	9582	00	9582	00	9582	00
 <p>Sealed connector kit IP68 for low voltage</p>	9581	04	9581	04	9581	04

Power supply

	code	colour	code	colour	code	colour
 <p>Constant current power supply unit non dimmable IP20 7W</p> <p>VIN = 100-240VAC 50/60Hz Iout = 350mA/500mA dimensions: 42x40x22</p>	9905	00	---	---	---	---
 <p>Constant current power supply unit non dimmable IP20 17W</p> <p>VIN = 220-240VAC 50/60Hz Iout = 350mA dimensions: 122x38x28</p>	9907	00	---	---	---	---
 <p>Constant voltage power supply unit non dimmable track DIN 240W</p> <p>VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125</p>	9912	00	9912	00	---	---
<p>VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125</p>	PC16	00	PC16	00	---	---
 <p>Constant current power supply unit non dimmable track DIN 10W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93</p>	9908	00	9908	00	---	---
 <p>Constant voltage power supply unit non dimmable track DIN 24W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94</p>	9909	00	9909	00	---	---
 <p>Constant voltage power supply unit non dimmable track DIN 72W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94</p>	9910	00	9910	00	---	---
 <p>Constant voltage power supply unit non dimmable track DIN 96W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105</p>	9911	00	9911	00	---	---

Light Up

Orbit - body in technopolymer
all glass flush frame



ø 60 mm

60x60 mm



Explore and interact with products in 3D.
thelightexperience.iguzzini.com



- Wall-mounted recessed luminaire intended for use with LED light sources for highlights / signals.
- Comprises extra-bright calcium sodium glass, with no visible screws, with diffuse light emission; the stainless steel lower ring is connected to the tempered diffuser glass. Everything is supported by 4 securing elements in turned AISI 304 stainless steel.
- Body in high-strength thermoplastic material, M14x1 stainless steel A2

- cable gland, PG11 for 130 mm large body; and a 300 mm-long exit cable; the stainless steel upper collar is flush with surface and secured to the casing.
- Barrel type frame casing in die-cast aluminium and cylindrical version in plastic.
- Versions with dynamic RGB colour change compatible with pre-configured light management systems.

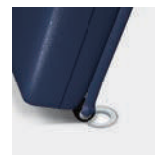
- Static load resistance 500/1000 Kg.
- Impact resistance IK08.
- Contact temperature <40 °C.
- Reduced height of luminaire.



Installation on the floor/ground.



Wall-mounted installation

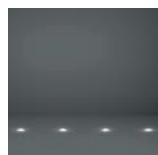


Installed flush with floor



Temperature < 40°C

Optics



Signalling



00
INDETERMINATE

source		system				optic	code colour
W	lm	W	lm				
Ø 60							
LED							
5700K - CRI 80							
0,2W	40	0,7W	4	Seg		2606	00
3000K - CRI 80							
0,2W	40	0,7W	4	Seg		ED66	00



24Vdc
Power supply to be ordered separately.



Ø 60



60x60

source		system				optic	code colour
W	lm	W	lm				
60x60							
LED							
5700K - CRI 80							
0,2W	40	0,7W	4	Seg		2620	00
3000K - CRI 80							
0,2W	40	0,7W	4	Seg		ED67	00



24Vdc
Power supply to be ordered separately.



Ø 60



60x60

Control gear

	code	colour	code	colour
IP68 box for multiple connections dim. 135x82x70h	B915	04	B915	04
IP67 box for power supply dim. 140x230x95h (6PG)	9582	00	9582	00
Sealed connector kit IP68 for low voltage	9581	04	9581	04

Power supply

	code	colour	code	colour
 VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912	00	9912	00
 VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	PC16	00	PC16	00
 VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93	9908	00	9908	00
 VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909	00	9909	00
 VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9910	00	9910	00
 VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105	9911	00	9911	00

Mounting accessories

	code	colour	code	colour
Adaptor for casing				
Ø 260 - h 154	9579	00	9579	00
Ø 357 - h 105	9580	00	9580	00
Aluminium outer casing for wall installation + end cap	6941	04	---	---
Aluminium outer casing for wall installation + end cap	---	---	6944	04
Aluminium outer casing for floor installation + end cap	6942	04	---	---
Aluminium outer casing for floor installation + end cap	---	---	6945	04
Plastic casing for wall and floor installation + end cap IP68	6943	04	---	---
Plastic casing for wall and floor installation + end cap IP68	---	---	6946	04
Suction cup	9583	00	9583	00

installed on wall

installed on floor























installed on wall/floor

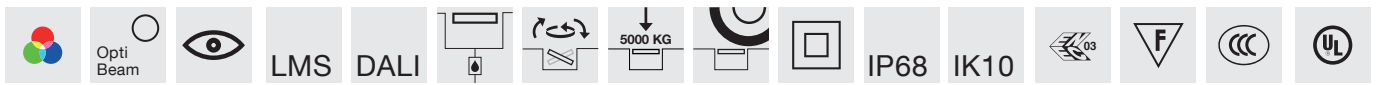
	6941	6942	6943
	6944	6945	6946

Light Up Earth

Award
Lux Awards

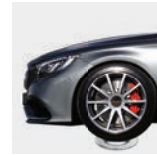


	Fixed	Diffuser (complete with non-slip glass)	Light blade	Adjustable	Wall Washer	Wall Washer Super Comfort
						
ø 144 mm						
ø 200 mm						
ø 250 mm						



- Floor/ground-mounted recessed luminaire intended for use with LED light sources.
- Possibility of installation on the ground without frame casing.
- Comprises body and frame casing.
- Body and frame in AISI 304 stainless steel installed with captive screws, hardened safety glass; A2 stainless steel cable gland complete with outgoing power supply cable of 4x1 mm² type.
- Versions with diffuser optics complete with non-slip surface glass (complies with R13 class in accordance with DIN 51130).
- The cable is provided with IP68 internal anti-transpiration device.
- Plastic (nylon) frame casing to be ordered separately.
- Complete with DALI power supply unit (ø 144 mm DALI power supply unit only on certain versions) built-into the body of the product and in some cases in a separate IP68 power supply box (adjustable versions).
- Optics with plastic lenses (Opti Beam Lens) or reflectors in anodized aluminium (Opti Beam Reflector).

- Adjustable versions with an external adjustment system (Patent Pending) without having to open the product, complete with graduated scale for aiming memory.
- Internal optical accessories for versions with fixed optics and reflector: refractor, louvre, soft lens filter.
- Contact temperature <40 °C
- Static load resistance 5000 Kg using frame casing to be ordered separately.
- All screws used are in A2 stainless steel (Torx - safety type).
- IP68 protection for product and cable alike using IP68 connectors. The product is not considered suitable for installation in swimming pools and fountains.
- Roll-over product in accordance with EN 60598-2-13 (torsion strength and shear load tests).
- The luminaires cannot be used in lanes where they are subjected to horizontal stresses caused by acceleration, braking and/or changes of direction.



Resistance to static load (5000 Kg), torsion and shear

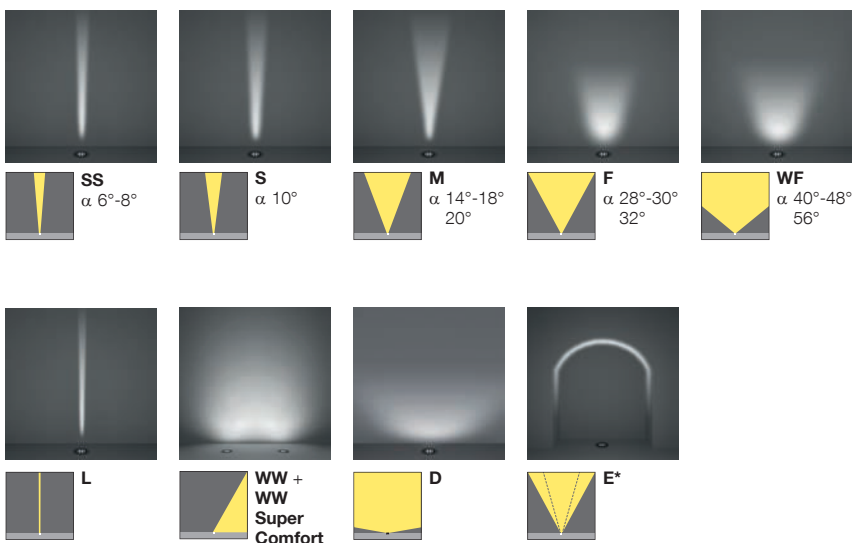


Temperature < 40°C



Diffuser optics versions complete with non-slip glass R13

Optics



* Elliptical optics are obtained by installing the specific accessory.

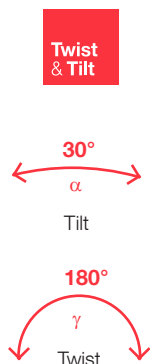
Light Up Earth

Twist & Tilt

Thanks to dual adjustments, installation is at last independent of the position of the objects to be illuminated.

The tilt adapts the beam to different heights while rotation allows +/- 90° emission settings to reach objects offset horizontally in relation to the product.

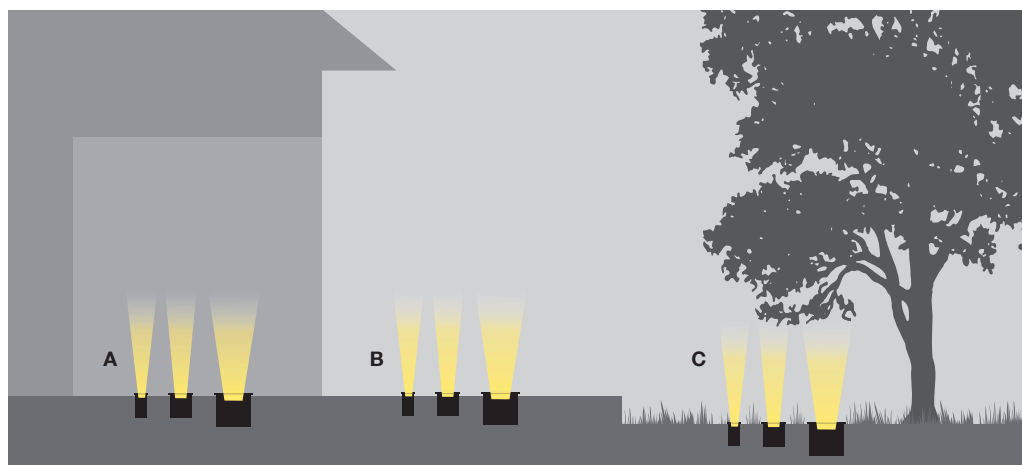
Patent Pending
102016000006926




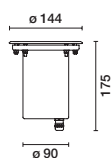
Installation


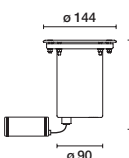
Installation on floor (with outer casing) and ground (with or without outer casing).

- A** Floor
- B** Floor
- C** Ground



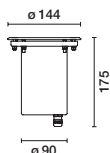
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	source		system		optic	code	colour
	W	lm	W	lm			
	ø144						
	LED						
	4000K - CRI 80						
	6,6W	760	9W	570	10°	E115	13
	8,3W	1350	10W	1053	18°	E116	13
	8,3W	1350	10W	1134	32°	E117	13
	8,3W	1350	10W	1066	56°	E118	13
	3000K - CRI 80						
	6,6W	700	9W	525	10°	E111	13
	8,3W	1300	10W	1014	18°	E112	13
	8,3W	1300	10W	1092	32°	E113	13
	8,3W	1300	10W	1026	56°	E114	13
	Opti Beam Reflector E111 - E115: Opti Beam Lens						

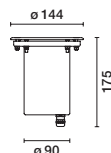
	source		system		optic	code	colour
	W	lm	W	lm			
	ø144						
	LED						
	4000K - CRI 80 - DALI						
	6,1W	720	9,4W	540	10°	E292	13
	8,3W	1400	10,5W	1092	18°	BW00	13
	8,3W	1400	10,5W	1176	32°	BW02	13
	8,3W	1400	10,5W	1105	56°	BW04	13
	3000K - CRI 80 - DALI						
	6,1W	670	9,4W	503	10°	E293	13
	8,3W	1350	10,5W	1053	18°	BW01	13
	8,3W	1350	10,5W	1134	32°	BW03	13
	8,3W	1350	10,5W	1066	56°	BW05	13
	Opti Beam Reflector E292 - E293: Opti Beam Lens						



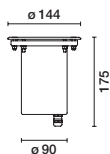
source		system				code colour
W	lm	W	lm	optic		
ø144 - Diffusing - No-skid glass						
LED						
4000K - CRI 80						
6,7W	770	9W	62	D		E122 13
3000K - CRI 80						
6,7W	710	9W	57	D		E121 13



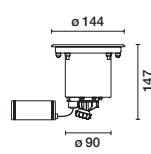
source		system				code colour
W	lm	W	lm	optic		
ø144 - Wall Washer						
LED						
4000K - CRI 80						
9,7W	1250	11,6W	463	WW		E120 13
3000K - CRI 80						
9,7W	1150	11,6W	426	WW		E119 13



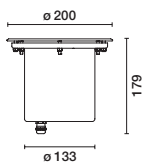
source		system				code colour
W	lm	W	lm	optic		
ø144 - Light blade						
LED						
4000K - CRI 80						
5W	630	7W	158	L		E124 13
3000K - CRI 80						
5W	580	7W	145	L		E123 13



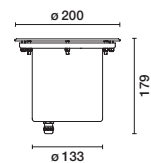
source		system				code colour
W	lm	W	lm	optic		
ø144 - Adjustable optic						
LED						
4000K - CRI 80 - DALI						
6,1W	730	8,8W	584	10°		E126 13
3000K - CRI 80 - DALI						
6,1W	680	8,8W	544	10°		E125 13



source		system				code colour
W	lm	W	lm	optic		
ø200						
LED						
4000K - CRI 80 - DALI						
7,9W	880	11,7W	440	8°		E132 13
12W	1750	15W	963	12°		E133 13
12W	1900	14,5W	1425	20°		E134 13
12W	1900	14,5W	1517	30°		E135 13
12W	1900	14,5W	1480	40°		E136 13



source		system				code colour
W	lm	W	lm	optic		
ø200 - Diffusing - No-skid glass						
LED						
4000K - CRI 80 - DALI						
12W	1750	15W	210	D		E140 13
3000K - CRI 80 - DALI						
12W	1700	15W	204	D		E139 13



source		system				code colour
W	lm	W	lm	optic		
3000K - CRI 80 - DALI						
7,9W	820	11,7W	410	8°		E127 13
12W	1700	15W	935	12°		E128 13
12W	1850	14,5W	1388	20°		E129 13
12W	1850	14,5W	1477	30°		E130 13
12W	1850	14,5W	1441	40°		E131 13

Opti Beam Reflector
E127 - E128 - E132 - E133: Opti Beam Lens



source		system		optic	code colour
W	lm	W	lm		

ø200 - Wall Washer

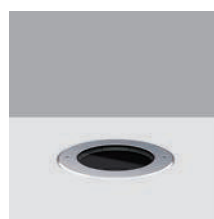
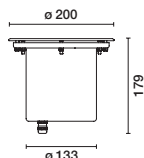
LED

4000K - CRI 80 - DALI					
15W	1850	16,5W	759	WW	E138 13
3000K - CRI 80 - DALI					
15W	1700	16,5W	697	WW	E137 13

ø200 - Wall Washer Super Comfort

LED

4000K - CRI 80 - DALI					
15W	1850	16,5W	315	WW	BV86 13
3000K - CRI 80 - DALI					
15W	1700	16,5W	289	WW	BV87 13



source		system		optic	code colour
W	lm	W	lm		

ø200 - Adjustable optic

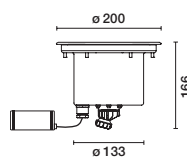
LED

4000K - CRI 80 - DALI					
7,8W	860	11,9W	447	8°	E145 13
10W	1500	12,1W	825	12°	E146 13
10W	1500	12,1W	1152	26°	E147 13
10W	1500	12,1W	1094	46°	E148 13

3000K - CRI 80 - DALI

7,8W	800	11,9W	416	8°	E141 13
10W	1450	12,1W	798	12°	E142 13
10W	1450	12,1W	1113	26°	E143 13
10W	1450	12,1W	1058	46°	E144 13

Opti Beam Lens



source		system		optic	code colour
W	lm	W	lm		

ø250

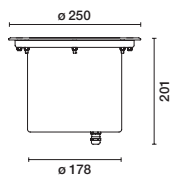
LED

4000K - CRI 80 - DALI					
7,9W	900	11,5W	486	6°	E154 13
12W	1850	14,3W	1092	14°	E155 13
18W	3050	21,4W	2379	18°	E156 13
18W	3050	21,4W	2374	32°	E157 13
18W	3050	21,4W	2407	48°	E158 13

3000K - CRI 80 - DALI

7,9W	830	11,5W	448	6°	E149 13
12W	1800	14,3W	1062	14°	E150 13
18W	2950	21,4W	2301	18°	E151 13
18W	2950	21,4W	2296	32°	E152 13
18W	2950	21,4W	2328	48°	E153 13

Opti Beam Reflector
E149 - E150 - E154 - E155: Opti Beam Lens



source		system		optic	code colour
W	lm	W	lm		

ø250 - Medium Output

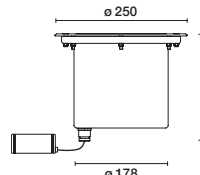
LED

4000K - CRI 80 - DALI					
27W	4400	32,7W	3554	18°	E166 13
27W	4400	32,7W	3557	32°	E167 13
27W	4400	32,7W	3560	48°	E168 13

3000K - CRI 80 - DALI

27W	4300	32,7W	3473	18°	E163 13
27W	4300	32,7W	3476	32°	E164 13
27W	4300	32,7W	3479	48°	E165 13

Opti Beam Reflector



source		system		optic	code colour
W	lm	W	lm		

ø250 - Wall Washer

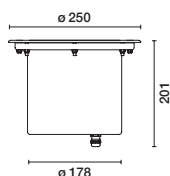
LED

4000K - CRI 80 - DALI					
19W	2450	23W	1054	WW	E160 13
3000K - CRI 80 - DALI					
19W	2250	23W	968	WW	E159 13

ø250 - Wall Washer Super Comfort

LED

4000K - CRI 80 - DALI					
19W	2450	23W	539	WW	BV88 13
3000K - CRI 80 - DALI					
19W	2250	23W	495	WW	BV89 13



source		system		optic	code colour
W	lm	W	lm		

ø250 - Adjustable optic

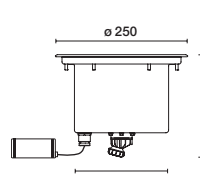
LED

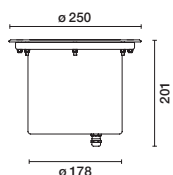
4000K - CRI 80 - DALI					
7,8W	860	12,2W	464	6°	E173 13
14W	2050	15,8W	1169	12°	E174 13
14W	2050	15,8W	1554	28°	E175 13
14W	2050	15,8W	1475	46°	E176 13

3000K - CRI 80 - DALI

7,8W	800	12,2W	432	6°	E169 13
14W	2000	15,8W	1140	12°	E170 13
14W	2000	15,8W	1516	28°	E171 13
14W	2000	15,8W	1439	46°	E172 13

Opti Beam Lens





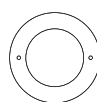
source		system		optic	code	colour
W	lm	W	lm			
ø250 - Diffusing - No-skid glass						
LED						
4000K - CRI 80 - DALI						
12W	1900	14,3W	285	D	E162	13
3000K - CRI 80 - DALI						
12W	1850	14,3W	278	D	E161	13
RGBW - DMX-RDM						
24W	1950	26,2W	468	D	JBM7	13



ø144



ø200

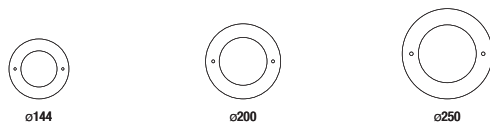


ø250

Optical accessories

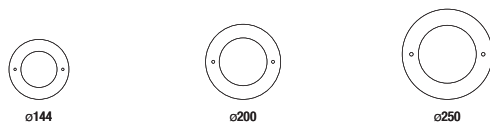
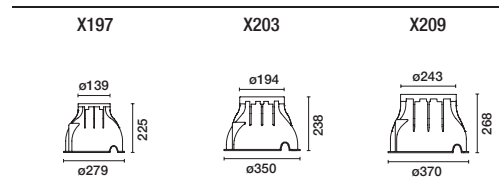
	code	colour	code	colour	code	colour
Honeycomb louvre						
for Opti Beam Lens	---	---	X242	04	---	---
			For E127-E128-E132-E133			
For Opti Beam Reflector	X198	04	X204	04	---	---
			For E129-E130-E131-E134-E135-E136			
Opti Beam Lens and Opti Beam Reflector	---	---	---	---	X201	04
					For E149-E150-E151-E152-E153-E154-E155-E156-E157-E158-E163-E164-E165-E166-E167-E168-E111-E112-E113-E114-E115-E116	
diffuser glass						
for Opti Beam Lens	---	---	X241	65	---	---
			For E127-E128-E132-E133			
For Opti Beam Reflector	X200	65	X206	65	---	---
	For BW00-BW01-BW02-BW03-BW04-BW05-E112-E113-E114-E116-E117-E118		For E129-E130-E131-E134-E135-E136			
Opti Beam Lens and Opti Beam Reflector	---	---	---	---	X207	65
					For E149-E150-E151-E152-E153-E154-E155-E156-E157-E158-E163-E164-E165-E166-E167-E168-E111-E112-E113-E114-E115-E116	
Refractor for elliptical distribution						
for Opti Beam Lens	---	---	X240	24	---	---
			For E127-E128-E132-E133			
For Opti Beam Reflector	X199	24	---	---	---	---
	For BW00-BW01-BW02-BW03-BW04-BW05-E112-E113-E114-E116-E117-E118					
Opti Beam Lens and Opti Beam Reflector	---	---	X205	24	X202	24
			For E129-E130-E131-E134-E135-E136		For E149-E150-E151-E152-E153-E154-E155-E156-E157-E158-E163-E164-E165-E166-E167-E168-E111-E112-E113-E114-E115-E116	

Light Up Earth



Mounting accessories		code	colour	code	colour	code	colour
	Plastic casing for installation on floors + end cap	X197	04	X203	04	X209	04
	Suction cup	B916	00	B916	00	B916	00

Casing dimensions



Control gear		code	colour	code	colour	code	colour
	IP68 box for multiple connections dim. 135x82x70h	B915	04	B915	04	B915	04
	IP68 connector 5-pole	---	---	---	---	BZS6	04 for RGBW versions
	Y connector with 5 poles IP68 For the connection of the DMX or DALI signal cable and power supply cable	---	---	---	---	BZN7	00 for versions RGBW
	2-way junction connector - IP68 it is possible to cable in output up to 1 product	X188	00	X188	00	X188	00 it is possible to cable in output up to 1 product
	4-way junction connector - IP68 it is possible to cable in output up to 3 products	X189	00	X189	00	X189	00 it is possible to cable in output up to 3 products
	Sealed connector kit IP68 for low voltage	9581	04	9581	04	9581	04
	End cap for connectors + 120 ohm thermal resistance	---	---	---	---	BZQ7	00 for RGBW versions

City of Glasgow College - Glasgow, United Kingdom
 Architectural project: Reiach and Hall & Michael Laird Architects
 Lighting project: Gordon McNeil of FES
 Photo: James Newton



Light Up
Earth - flush frame



Fixed

Diffuser
(complete with
non-slip glass)

Adjustable

Wall Washer

Wall Washer
Super Comfort



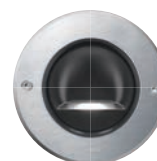
ø 144*
mm



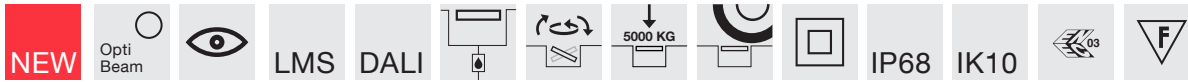
ø 200*
mm



ø 250*
mm



* Dimensions refer to the product complete with casing



- Floor/ground-mounted recessed luminaire intended for use with LED light sources.
- Comprises body and frame casing.
- Body and flush frame in AISI 304 stainless steel installed with captive screws, hardened safety glass; A2 stainless steel cable gland complete with outgoing power supply cable type 4x1 mm² (DALI) 2x1 mm²(ON-OFF).
- Versions with diffuser optics complete with non-slip surface glass (complies with R13 class in accordance with DIN 51130).
- The cable is provided with IP68 internal anti-transpiration device.
- Casing in plastic complete with AISI 304 stainless steel ring, to be ordered separately.
- Complete with DALI power supply unit (ø 144 mm DALI power supply unit only on certain versions) built-into the body of the product and in some cases in a separate IP68 power supply box (adjustable versions).

- Optics with plastic lenses (Opti Beam Lens) or reflectors in anodized aluminium (Opti Beam Reflector).
- Adjustable versions with an external adjustment system (Patent Pending) without having to open the product, complete with graduated scale for aiming memory.
- Internal optical accessories for versions with fixed optics and reflector: refractor, louvre, soft lens filter.
- Contact temperature <40 °C
- Static load resistance 5000 Kg
- All screws used are in A2 stainless steel (Torx - safety type).
- IP68 protection for product and cable alike using IP68 connectors. The product is not considered suitable for installation in swimming pools and fountains.



Resistance to static load (5000 Kg), torsion and shear



Temperature < 40°C

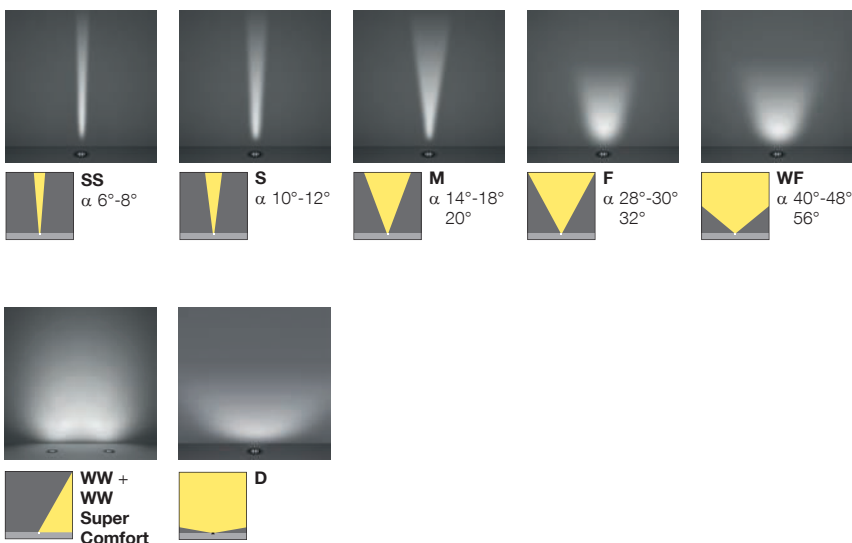


Diffuser optics versions complete with non-slip glass R13



Installed flush with floor

Optics



Light Up

Earth - flush frame



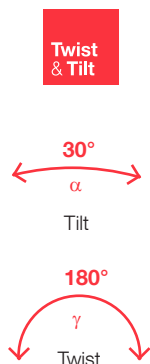
13
STEEL

Twist & Tilt

Thanks to dual adjustments, installation is at last independent of the position of the objects to be illuminated.

The tilt adapts the beam to different heights while rotation allows +/- 90° emission settings to reach objects offset horizontally in relation to the product.

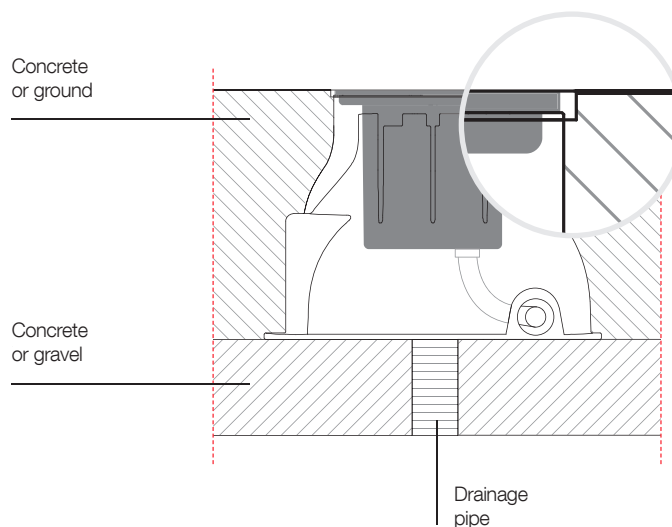
Patent Pending
102016000006926



Flush installation

Flush installation meets pedestrian and vehicle safety requirements by avoiding tripping or traffic obstacles, as well as aesthetic functions.

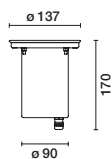
Light Up Earth: this variant allows installation perfectly flush with the floor, road or ground by using a casing that maintains roll-over performance.



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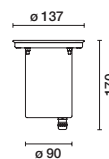
new
Available from May

source	system		optic	code	colour
	W	lm			
new					
LED					
4000K - CRI 80					
6,6W	760	9W	570	10°	EQ69 13
8,3W	1350	10W	1053	18°	EQ70 13
8,3W	1350	10W	1134	32°	EQ71 13
8,3W	1350	10W	1066	56°	EQ72 13
3000K - CRI 80					
6,6W	700	9W	525	10°	EQ73 13
8,3W	1300	10W	1014	18°	EQ74 13
8,3W	1300	10W	1092	32°	EQ75 13
8,3W	1300	10W	1026	56°	EQ76 13



Frame casing ø144 to be ordered separately.
Opti Beam Reflector
EQ69 - EQ73 : Opti Beam Lens

source	system		optic	code	colour
	W	lm			
new					
LED					
4000K - CRI 80 - DALI					
6,1W	720	9,4W	540	10°	EQ77 13
8,3W	1400	10,5W	1092	18°	EQ78 13
8,3W	1400	10,5W	1176	32°	EQ79 13
8,3W	1400	10,5W	1105	56°	EQ80 13
3000K - CRI 80 - DALI					
6,1W	670	9,4W	503	10°	EQ81 13
8,3W	1350	10,5W	1053	18°	EQ82 13
8,3W	1350	10,5W	1134	32°	EQ83 13
8,3W	1350	10,5W	1066	56°	EQ84 13



Frame casing ø144 to be ordered separately.
Opti Beam Reflector
EQ77 - EQ81 : Opti Beam Lens



new

source		system		optic	code colour
W	lm	W	lm		
ø144 - Diffuser - Non-slip glass					
LED					
4000K - CRI 80					
6,7W	770	9W	62	D	EQ87 13
3000K - CRI 80					
6,7W	710	9W	57	D	EQ88 13

Frame casing ø144 to be ordered separately.

new

source		system		optic	code colour
W	lm	W	lm		
ø144 - Wall Washer					
LED					
4000K - CRI 80					
9,7W	1250	11,6W	463	WW	EQ89 13
3000K - CRI 80					
9,7W	1150	11,6W	426	WW	EQ90 13
ø144 - Wall Washer Super Comfort					
LED					
4000K - CRI 80					
9,7W	1250	11,6W	188	WW	EQ91 13
3000K - CRI 80					
9,7W	1150	11,6W	173	WW	EQ92 13

Frame casing ø144 to be ordered separately.

new

source		system		optic	code colour
W	lm	W	lm		
ø144 - Adjustable optic					
LED					
4000K - CRI 80 - DALI					
6,1W	730	8,8W	584	10°	EQ85 13
3000K - CRI 80 - DALI					
6,1W	680	8,8W	544	10°	EQ86 13

Frame casing ø144 to be ordered separately.
Opti Beam Lens

new

source		system		optic	code colour
W	lm	W	lm		
ø200					
LED					
4000K - CRI 80 - DALI					
7,9W	880	11,7W	440	8°	EQ93 13
12W	1750	15W	963	12°	EQ94 13
12W	1900	14,5W	1425	20°	EQ95 13
12W	1900	14,5W	1517	30°	EQ96 13
12W	1900	14,5W	1480	40°	EQ97 13
3000K - CRI 80 - DALI					
7,9W	820	11,7W	410	8°	EQ98 13
12W	1700	15W	935	12°	EQ99 13
12W	1850	14,5W	1388	20°	ER00 13
12W	1850	14,5W	1477	30°	ER01 13
12W	1850	14,5W	1441	40°	ER02 13

Frame casing ø200 to be ordered separately.
Opti Beam Reflector
EQ93 - EQ94 - EQ98 - EQ99 - : Opti Beam Lens

new

source		system		optic	code colour
W	lm	W	lm		
ø200 - Adjustable optic					
LED					
4000K - CRI 80 - DALI					
7,8W	860	11,9W	447	8°	ER03 13
10W	1500	12,1W	825	12°	ER04 13
10W	1500	12,1W	1152	26°	ER05 13
10W	1500	12,1W	1094	46°	ER06 13
3000K - CRI 80 - DALI					
7,8W	800	11,9W	416	8°	ER07 13
10W	1450	12,1W	798	12°	ER08 13
10W	1450	12,1W	1113	26°	ER09 13
10W	1450	12,1W	1057	46°	ER10 13

Frame casing ø200 to be ordered separately.
Opti Beam Lens

new

source		system		optic	code colour
W	lm	W	lm		
ø200 - Diffuser - Non-slip glass					
LED					
4000K - CRI 80 - DALI					
12W	1750	15W	210	D	ER11 13
3000K - CRI 80 - DALI					
12W	1700	15W	204	D	ER12 13

Frame casing ø200 to be ordered separately.

Light Up

Earth - flush frame



13
STEEL

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new
Available from May



source		system		optic	code colour
W	lm	W	lm		

ø200 - Wall Washer

LED

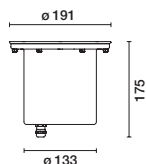
4000K - CRI 80 - DALI					
15W	1850	16,5W	759	WW	ER13 13
3000K - CRI 80 - DALI					
15W	1700	16,5W	697	WW	ER14 13

ø200 - Wall Washer Super Comfort

LED

4000K - CRI 80 - DALI					
15W	1850	16,5W	315	WW	ER15 13
3000K - CRI 80 - DALI					
15W	1700	16,5W	289	WW	ER16 13

Frame casing ø200 to be ordered separately.



source		system		optic	code colour
W	lm	W	lm		

ø250

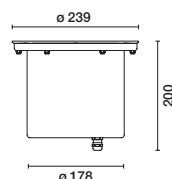
LED

4000K - CRI 80 - DALI					
12W	1850	14,3W	1092	14°	ER17 13
18W	3050	21,4W	2379	18°	ER18 13
18W	3050	21,4W	2374	32°	ER19 13
18W	3050	21,4W	2407	48°	ER20 13

3000K - CRI 80 - DALI

12W	1800	14,3W	1062	14°	ER21 13
18W	2950	21,4W	2301	18°	ER22 13
18W	2950	21,4W	2296	32°	ER23 13
18W	2950	21,4W	2328	48°	ER24 13

Frame casing ø250 to be ordered separately.
Opti Beam Reflector
ER17 - ER21 : Opti Beam Lens
These products can be used at a maximum ambient temperature of 35 °C.



source		system		optic	code colour
W	lm	W	lm		

ø250 - High Output

LED

4000K - CRI 80 - DALI					
27W	4400	32,7W	3554	18°	ER25 13
27W	4400	32,7W	3557	32°	ER26 13
27W	4400	32,7W	3560	48°	ER27 13

3000K - CRI 80 - DALI

27W	4300	32,7W	3473	18°	ER28 13
27W	4300	32,7W	3476	32°	ER29 13
27W	4300	32,7W	3479	48°	ER30 13

Frame casing ø250 to be ordered separately.
Opti Beam Reflector

ø250 - Medium Output

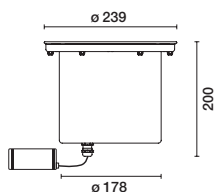
LED

4000K - CRI 80 - DALI					
42W	6300	48,6W	5089	18°	ER31 13
42W	6300	48,6W	5092	32°	ER32 13
42W	6300	48,6W	5097	48°	ER33 13

3000K - CRI 80 - DALI

42W	6150	48,6W	4967	18°	ER34 13
42W	6150	48,6W	4971	32°	ER35 13
42W	6150	48,6W	4976	48°	ER36 13

Frame casing ø250 to be ordered separately.
Opti Beam Reflector
These products can be used at a maximum ambient temperature of 35 °C.



source		system		optic	code colour
W	lm	W	lm		

ø250 - Adjustable optic

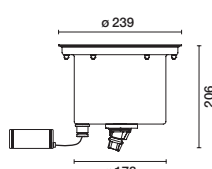
LED

4000K - CRI 80 - DALI					
14W	2050	15,8W	1169	12°	ER37 13
14W	2050	15,8W	1554	28°	ER38 13
14W	2050	15,8W	1475	46°	ER39 13

3000K - CRI 80 - DALI

14W	2000	15,8W	1140	12°	ER40 13
14W	2000	15,8W	1516	28°	ER41 13
14W	2000	15,8W	1439	46°	ER42 13

Frame casing ø250 to be ordered separately.
Opti Beam Lens

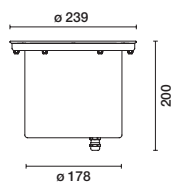


**new**

Available from May

source		system		optic	code	colour
W	lm	W	lm			
ø250 - Diffuser - Non-slip glass						
LED						
4000K - CRI 80 - DALI						
12W	1900	14,3W	285	D	ER43	13
3000K - CRI 80 - DALI						
12W	1850	14,3W	278	D	ER44	13

Frame casing ø250 to be ordered separately.



source		system		optic	code	colour
W	lm	W	lm			
ø250 - Wall Washer						
LED						
4000K - CRI 80 - DALI						
19W	2450	23W	1054	WW	ER45	13
3000K - CRI 80 - DALI						
19W	2250	23W	968	WW	ER46	13

ø250 - Wall Washer Super Comfort**LED**

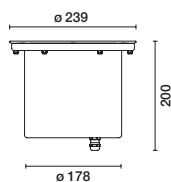
4000K - CRI 80 - DALI

19W 2450 23W 539 WW ER47 13

3000K - CRI 80 - DALI

19W 2250 23W 495 WW ER48 13

Frame casing ø250 to be ordered separately.



ø144



ø200



ø250

Optical accessories

	code	colour	code	colour	code	colour
Honeycomb louvre						
for Opti Beam Lens	---	---	X242	04	---	---
			For EQ93-EQ94-EQ98-EQ99			
For Opti Beam Reflector	X198	04	X204	04	---	---
			For EQ95-EQ96-EQ97-ER00-ER01-ER02			
Opti Beam Lens and Opti Beam Reflector	---	---	---	---	X201	04
					For ER17-ER18-ER19-ER20-ER21-ER22-ER23-ER24-ER25-ER26-ER27-ER28-ER29-ER30-ER31-ER32-ER33-ER34-ER35-ER36	
diffuser glass						
for Opti Beam Lens	---	---	X241	65	---	---
			For EQ93-EQ94-EQ98-EQ99			
For Opti Beam Reflector	X200	65	X206	65	---	---
	For EQ70-EQ71-EQ72-EQ74-EQ75-EQ76-EQ78-EQ79-EQ80-EQ82-EQ83-EQ84		For EQ95-EQ96-EQ97-ER00-ER01-ER02			
Opti Beam Lens and Opti Beam Reflector	---	---	---	---	X207	65
					For ER17-ER18-ER19-ER20-ER21-ER22-ER23-ER24-ER25-ER26-ER27-ER28-ER29-ER30-ER31-ER32-ER33-ER34-ER35-ER36	
Refractor for elliptical distribution						
for Opti Beam Lens	---	---	X240	24	---	---
			For EQ93-EQ94-EQ98-EQ99			
For Opti Beam Reflector	X199	24	---	---	---	---
	For EQ70-EQ71-EQ72-EQ74-EQ75-EQ76-EQ78-EQ79-EQ80-EQ82-EQ83-EQ84					
Opti Beam Lens and Opti Beam Reflector	---	---	X205	24	X202	24
			For EQ95-EQ96-EQ97-ER00-ER01-ER02		For ER17-ER18-ER19-ER20-ER21-ER22-ER23-ER24-ER25-ER26-ER27-ER28-ER29-ER30-ER31-ER32-ER33-ER34-ER35-ER36	

Light Up

Earth - flush frame



ø144



ø200



ø250

Casing dimensions

Mounting accessories



Outer casing in plastic for the ground, floor with stainless steel ring + closure cap

code colour
X486 13

code colour
X487 13

code colour
X488 13



Suction cup

B916 00

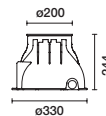
B916 00

B916 00

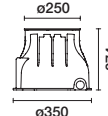
X486



X487



X488



Control gear



IP68 box for multiple connections

dim. 135x82x70h

B915 04

B915 04

B915 04



2-way junction connector - IP68

X188 00
it is possible to cable in output up to 1 product

X188 00
it is possible to cable in output up to 1 product

X188 00
it is possible to cable in output up to 1 product



4-way junction connector - IP68

X189 00
it is possible to cable in output up to 3 products

X189 00
it is possible to cable in output up to 3 products

X189 00
it is possible to cable in output up to 3 products



Sealed connector kit IP68 for low voltage

9581 04

9581 04

9581 04

Museum of Chocolate- Cologne, Germany

Architectural project: Fritz Eller

Lighting project: a+g Licht - Daniel Walden & Michaela Zientek

Photo: Hans - Georg Esch



Light Up

Walk professional



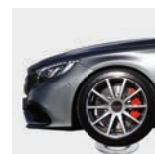
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- Floor-mounted recessed luminaire intended for use with halogen, discharge, fluorescent and LED light sources.
- Comprises body and frame casing (top or bottom).
- Cast aluminium body; frame in AISI 304 stainless steel; tempered closure glass; silicone water tight gasket; antiglare screen for visual comfort; M15x1 nickel-plated brass cable clamp (M11x1 in small circular version) for connection

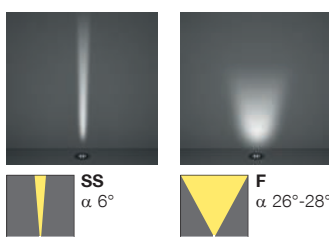
- between lower assembly and upper assembly.
- Frame casing for installation in cast aluminium.
- High visual comfort.
- Versions with adjustable optics.
- LED versions are available with dynamic RGB colour change compatible with light management systems.
- RGB LED Versions with DIRECT-DIM: adjustment also possible using a standard electrical button.

- Contact temperature <40 °C for LED versions.
- Reduced height of luminaire.
- Luminaire ready for pass-through wiring.
- Static load resistance 5000 Kg.
- All screws used are in A2 stainless steel.



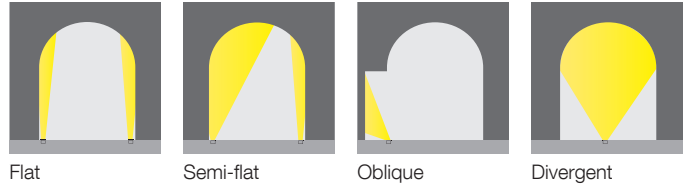
Static load resistance 5000 Kg

Optics



Dual adjustability:

The LED, Spot and Flood optic, consisting of two independently adjustable sections ($\pm 15^\circ$), allows the luminous flux to be directed onto the objects and surfaces to be lit without any loss of light intensity for each part of the optical assembly.



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source	system		optic	code	colour
	W	lm			
LED					
4000K - CRI 80					
12,4W	1220	14,3W	769	6°	BB33 13
12,4W	1220	14,3W	682	28°	BB35 13
3000K - CRI 80					
12,4W	1116	14,3W	704	6°	BB34 13
12,4W	1116	14,3W	624	28°	BB36 13
Optic with double adjustment $\pm 15^\circ$					
LED					
RGB - DALI					
11,8W	500	14W	195	26°	BB37 13

Complete with electronic DALI control card.
Power supply to be ordered separately. Occupies 3 addresses.

source	system		optic	code	colour
	W	lm			
Optic with double adjustment $\pm 15^\circ$					
LED					
RGB - DMX					
11,8W	500	14W	195	26°	BV72 13

Complete with electronic DMX512-RDM control card.
Power supply to be ordered separately. DMX specifications require the insertion of a 120 Ohm terminating resistor (code BZQ7) to be placed between the DATA+ and DATA cables of the last product in the line.

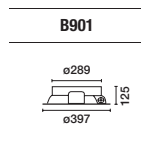
Optical accessories	code	colour
diffuser glass	B918	65

Refractor for elliptical distribution	B922	24
---------------------------------------	-------------	----

Mounting accessories	code	colour
Aluminium casing outer casing	B901	04

End cap for casing	B910	00
--------------------	-------------	----

Suction cup	B916	00
-------------	-------------	----

Casing dimensions


Control gear	code	colour
Y connector with 5 poles IP68		

For the connection of the DMX or DALI signal cable and power supply cable	BZN7 00	for versions RGBW
---	----------------	-------------------

End cap for connectors + 120 ohm thermal resistance	BZQ7 00	for RGBW versions
---	----------------	-------------------

Power supply	code	colour
Constant voltage power supply unit non dimmable track DIN 120W		

VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	PC12	00
---	-------------	----

VIN = 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	BZ14	00 For BB37-BV72
--	-------------	---------------------

Power supply	code	colour
Constant voltage power supply unit non dimmable track DIN 240W		

VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	PC13	00
---	-------------	----

VIN = 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	BZ15	00 For BB37-BV72
--	-------------	---------------------

Power supply	code	colour
Constant voltage power supply unit non dimmable track DIN 480W		

VIN = 90-264VAC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	PC14	00
--	-------------	----

VIN = 90-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	BZ16	00 For BB37-BV72
---	-------------	---------------------



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04
BLACK

- Floor-mounted recessed luminaire intended for use with halogen and LED light sources.
- Comprises body and frame casing.
- Stainless steel body and cast aluminium screen; EPDM black basket; tempered safety glass; lens optical system; PG13.5 cable clamp equipped with 1 m power cable with anti-transpiration device.
- High visual comfort.
- Frame casing for installation in cast aluminium and plastic.
- Static load resistance 5000 Kg.
- All external screws used are in A2 stainless steel.



radial light with unilateral emission

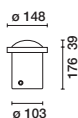


radial light with emission on three sides

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source	system		code	colour
	W	lm		
ø148 - Lighting from one side				
LED				
4000K - CRI 80				
3W	400	4,5W	24	BM38 04
3000K - CRI 80				
3W	370	4,5W	22	BD77 04

Class of Insulation II



source	system		code	colour
	W	lm		
ø148 - Lighting from three sides				
LED				
4000K - CRI 80				
3W	400	4,5W	84	BM39 04
3000K - CRI 80				
3W	370	4,5W	78	BD78 04

Class of Insulation II

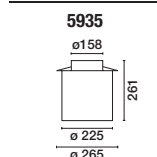


Mounting accessories

code	colour
5935	04



Casing dimensions



S32 - Fintech District - Milan, Italy
Client: Gruppo Banca Sella
Architectural and Lighting Project: Lombardini 22
Photo: Luca Petrucci



Walky
recessed luminaire



ø 50



45X45



180x45



ø 100



90X90



270x90



ø 200



180X180



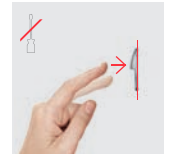
- Lighting system for walkways designed for use with LED light sources to ensure high visual comfort.
- Recessed installation.
- Comprising an optical compartment with IP66 protection rating and wall-mounted casing (to be ordered separately).
- Optical compartment in aluminium alloy with powder paint coating to ensure high resistance to atmospheric agents and UV rays. Plastic closure casing in the rear part of the optical compartment.
- Complete with plastic cable gland and output cable 0.5 - 1 m long
- Grey plastic frame casing to be ordered separately

- Disposable polystyrene casings are available to create casing seats for applications in concrete walls finished afterwards with plaster or tiles.
- Tempered frosted sodium-calcium safety glass.
- Luminaire without visible screws with anti-vandalism system involving a key to open access to the rear wiring compartment (supplied in the packaging) for circular $\varnothing 200$ $\varnothing 100$ mm, square 180x180mm 90x90mm and rectangular 270x90mm versions. Quick fitting rear opening system for circular $\varnothing 50$, square 45x45 and rectangular 180x45mm versions.
- Versions with integrated 220 ÷ 240 Vac On-Off power supply,

- with DALI or Emergency power supply (circular $\varnothing 200$ mm, square 180x180 mm) and versions with 24Vdc remote power supply (circular $\varnothing 100$ / $\varnothing 50$ mm, square 90x90 and 45x45mm and rectangular 270x90 / 180x45 mm).
- Protection against over-voltages (220 ÷ 240Vac versions): 2kV in Common Mode (CM), 1kV in Differential Mode (DM).
- Ambient operating temperature:
 Ta -30°C +50°C for 24Vdc versions
 Ta -20°C +50°C for 220-240Vac versions (On-Off- DALI)
 Ta 0°C +40°C for 220-240Vc versions in emergency
- All external screws used are in A2 stainless steel.



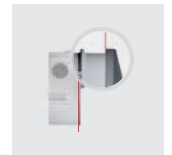
The product can only be opened using a special key for protection against vandalism



Installation without needing tools for $\varnothing 50$ mm, 45x45mm and 180x45mm versions



IP66 protection class.

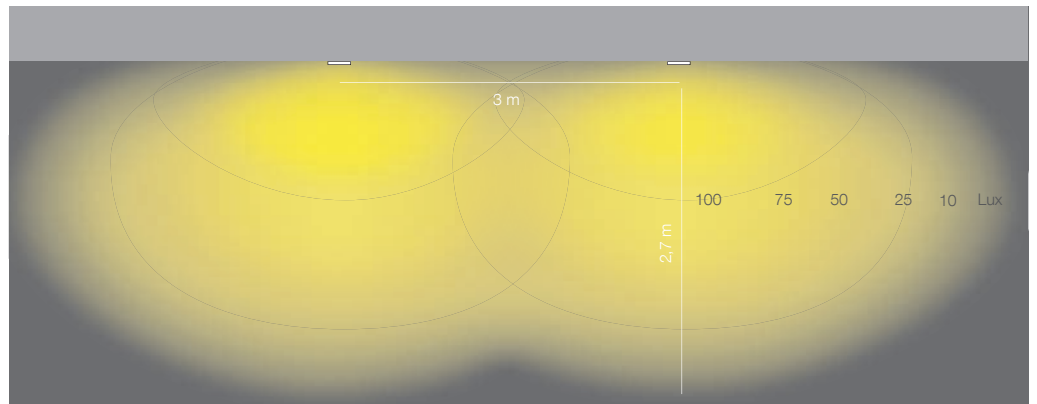


Micro flap that perfectly covers the thickness of the frame casing

Lighting distribution

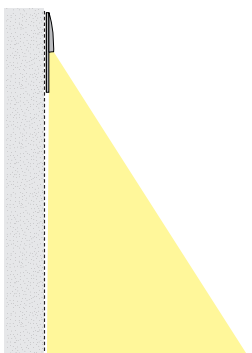
The high performance of this product ensures a uniform level of illumination over the entire horizontal surface.

Lux values refer to Walky $\varnothing 200$ mm or 180x180 mm versions installed at a height of 700 mm from the ground.

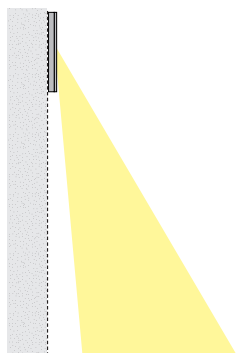


Horizontal excellence

The new optic that distributes light horizontally, precisely from the base of the wall where the product is installed..



iguzzini solution



Other products

Versions

System for residential areas
page 840



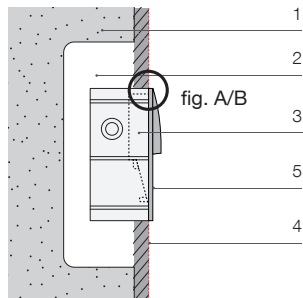
Wall-mounted
page 904



Walky

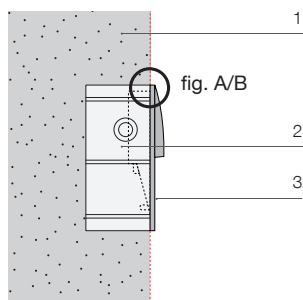
recessed luminaire

Installation on building/construction materials



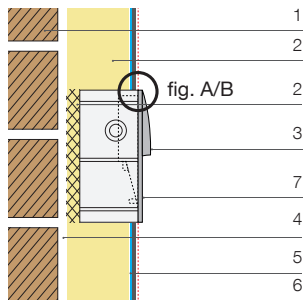
Reinforced concrete wall with an plaster/tile finish

1. Structural element in reinforced concrete
2. Housing for the frame casing with polystyrene formwork
3. Frame casing (figure B) with removable plug
4. Finishing (plaster or tile)
5. Walky device with micro flap (figure A)



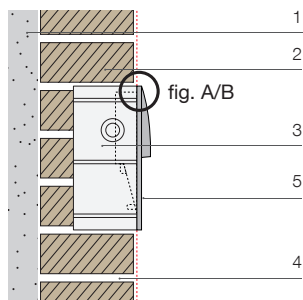
Reinforced concrete wall with bare face finish

1. Structural element in reinforced concrete
2. Frame casing (figure B) with removable plug
3. Walky device with micro flap (figure A)



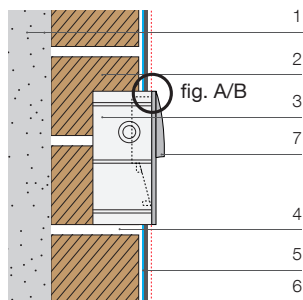
Brick wall with insulation and plaster finish

1. Structural element in perforated bricks
2. Standard insulating panel and additional insulating panels
3. Frame casing (figure B) with removable plug
4. Mortar
5. Net and scraping with mortar (about 10mm)
6. Finishing (plaster)
7. Walky device with micro flap (figure A)



Solid brick wall with bare face finish

1. Reinforcement element of variable thickness (concrete, bricks, ..)
2. Structural element in solid bricks
3. Frame casing (figure B) with removable plug
4. Mortar
5. Walky device with micro flap (figure A)



Brick wall and plaster finish

1. Reinforcement element (concrete, bricks, ..)
2. Structural element in perforated bricks
3. Frame casing (figure B) with removable plug
4. Mortar
5. Net and scraping with mortar
6. Finishing (plaster)
7. Walky device with micro flap (figure A)

Functional elegance

Figure A: Walky is fitted with a micro flap that perfectly covers the thickness of the outer casing to ensure a clean and elegant final effect.

Figure B: to ensure correct installation of the product on the outer casing, Walky must be mounted flush or with minimum protrusion from the finished wall.

For more information, see the instruction sheet.

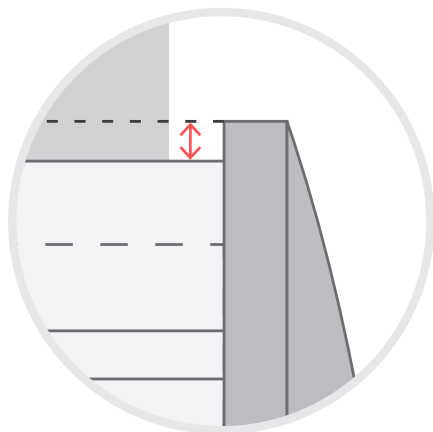


Figure A

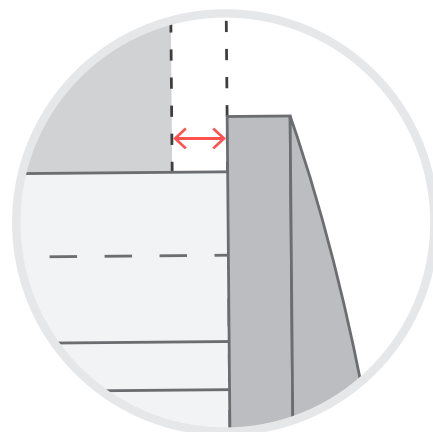

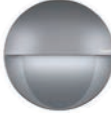
















Figure B

Suggestions for installation heights

h = recommended installation height (from the ground) for correct lighting

h 700 mm			19 mm	ø 200 mm			19 mm	180x180 mm				
h 450 mm			16,4 mm	ø 100 mm			16,4 mm	90x90 mm			16,4 mm	270x90 mm
h 300 mm			10 mm	ø 50 mm			10 mm	45x45 mm			10 mm	180x45 mm

Easy installation and composition

In the recessed luminaire version, the product comprises a polystyrene formwork (when required), plastic frame casing, aluminium plug and Walky lighting device to be ordered separately



Polystyrene formwork

+



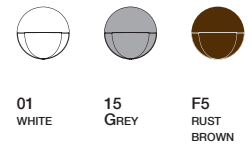
Frame casing to be ordered separately.

+

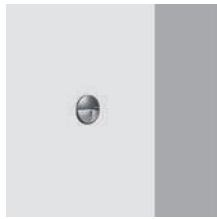


Lighting body

Walky recessed luminaire



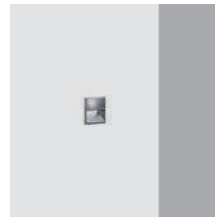
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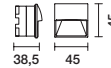
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - PWM							
1,1W	180	1,5W	31	-			EI29 01-15-F5
2700K - CRI 80 - PWM							
1,1W	170	1,5W	29	-			EI30 01-15-F5



24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request



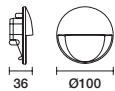
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - PWM							
1,1W	180	1,5W	32	AL			EI38 01-15-F5
2700K - CRI 80 - PWM							
1,1W	170	1,5W	31	AL			EI39 01-15-F5



24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request



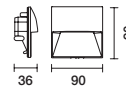
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - PWM							
3,2W	530	4,6W	111	AL			EI26 01-15-F5
2700K - CRI 80 - PWM							
3,2W	510	4,6W	107	AL			EI27 01-15-F5



24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request



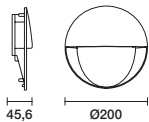
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - PWM							
3,2W	530	4,6W	111	AL			EI35 01-15-F5
2700K - CRI 80 - PWM							
3,2W	510	4,6W	107	AL			EI36 01-15-F5



24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request



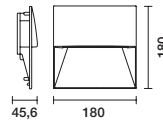
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80							
9,9W	1550	11,5W	419	AL			EI23 01-15-F5
2700K - CRI 80							
9,9W	1500	11,5W	405	AL			EI24 01-15-F5



220÷240Vac
Class of Insulation I
Outer casing to be ordered separately
Installation accessory to be ordered separately
4000K versions on request



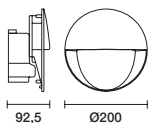
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80							
9,9W	1550	11,5W	419	AL			EI32 01-15-F5
2700K - CRI 80							
9,9W	1500	11,5W	405	AL			EI33 01-15-F5



220÷240Vac
Class of Insulation I
Installation accessory to be ordered separately.
4000K versions on request



source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - DALI							
9,9W	1550	11,7W	419	AL			EI56 01-15-F5
2700K - CRI 80 - DALI							
9,9W	1500	11,7W	405	AL			EI57 01-15-F5



220÷240Vac
Class of Insulation I
Installation accessory to be ordered separately.
4000K versions on request

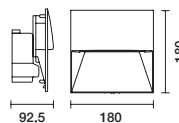
Always-on for emergency light (SA)

LED							
3000K - CRI 80 - On/off							
9,9W	1550	12,8W	419	AL			EI50 01-15-F5
2700K - CRI 80 - On/off							
9,9W	1500	12,8W	405	AL			EI51 01-15-F5

220÷240Vac.
Class of Insulation I
Permanent emergency light
Installation accessory to be ordered separately.
These codes can be used at a minimum environment temperature of 0°C
4000K versions on request



source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - DALI							
9,9W	1550	11,7W	419	AL			EI59 01-15-F5
2700K - CRI 80 - DALI							
9,9W	1500	11,7W	405	AL			EI60 01-15-F5

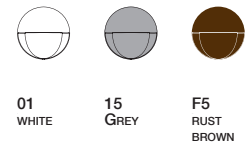


220÷240Vac
Class of Insulation I
Installation accessory to be ordered separately.
4000K versions on request

Always-on for emergency light (SA)

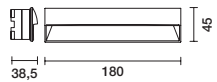
LED							
3000K - CRI 80 - On/off							
9,9W	1550	12,8W	419	AL			EI53 01-15-F5
2700K - CRI 80 - On/off							
9,9W	1500	12,8W	405	AL			EI54 01-15-F5

220÷240Vac.
Class of Insulation I
Permanent emergency light
Installation accessory to be ordered separately.
These codes can be used at a minimum environment temperature of 0°C
4000K versions on request



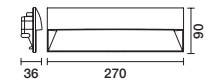
source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 80 - PWM					
4,3W	690	5,9W	117	AL	EI47 01-15-F5
2700K - CRI 80 - PWM					
4,3W	660	5,9W	112	AL	EI48 01-15-F5

24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request



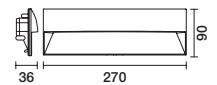
source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 80					
8,8W	1450	10,8W	363	AL	EI41 01-15-F5
2700K - CRI 80					
8,8W	1400	10,8W	350	AL	EI42 01-15-F5

220-240Vac
Class of Insulation I
Installation accessory to be ordered separately.
4000K versions on request



source		system			
W	lm	W	lm	optic	code colour
LED					
3000K - CRI 80 - PWM					
8,6W	1400	12W	336	AL	EI44 01-15-F5
2700K - CRI 80 - PWM					
8,6W	1350	12W	324	AL	EI45 01-15-F5

24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request



Casing dimensions

X330



d = 65 mm
ø = 55,5 mm

X333



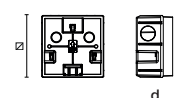
d = 65 mm
ø = 54,5 mm

X329



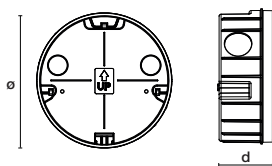
d = 54,5 mm
ø = 102,5 mm

X332



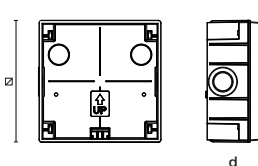
d = 54,5 mm
ø = 93 mm

X328



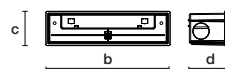
d = 80 mm
ø = 202,5 mm

X331



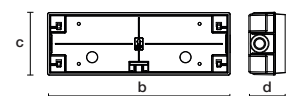
d = 80 mm
ø = 184 mm

X335



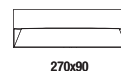
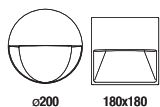
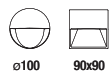
d = 53,5 mm
b = 186,5 mm
c = 51,5 mm


X334

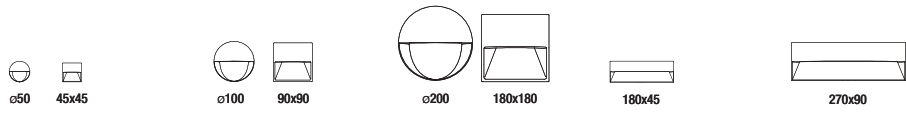













d = 75 mm
b = 274 mm
c = 94 mm

Walky recessed luminaire



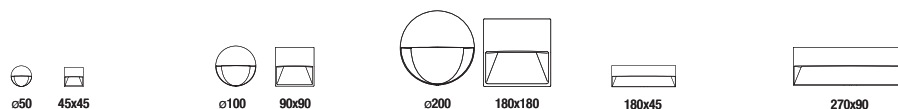
	code	colour	code	colour	code	colour	code	colour	code	colour
Mounting accessories										
 Opening key	---	---	X421	13	X420	13	---	---	X421	13
Plastic casing										
square	X333	15	X332	15	X331	15	---	---	---	---
rectangular	---	---	---	---	---	---	X335	15	X334	15
round	X330	15	X329	15	X328	15	---	---	---	---
Disposable polystyrene precast outer-casing mould (p) For concrete, plastered surfaces and tiles applications										
rectangular	---	---	---	---	---	---	X345	00 For X335	X344	00 For X334
round/square	X343	00 For X333-X330	X342	00 For X332-X329	X341	00 For X331-X328	---	---	---	---
Interfaces & remote units										
4-channel LED Driver with DALI-DMX 720W controller										
VIN=12÷48Vdc VOUT=5-12-24-48V	9639	00	9639	00	---	---	9639	00	9639	00
PWM interface with DALI monochromatic LED dimmer 120W 24Vdc										
	MWP3	00	MWP3	00	---	---	MWP3	00	MWP3	00
Control gear										
IP67 box for power supply										
dim. 140x230x95h (6PG)	9582	00	9582	00	---	---	9582	00	9582	00
dim. 280x190x130h (10PG)	BZ33	00	BZ33	00	---	---	BZ33	00	BZ33	00
2-way junction connector - IP68										
	---	---	---	---	X188	00 Only for 220-240Vac versions On / off	---	---	X188	00 Only for 220-240Vac versions On / off
2-way IP68 male/female junction connector										
5 poles - 250/400V - DALI	---	---	---	---	X562	04 Only for DALI Emergency versions	---	---	---	---
Sealed connector kit IP68 for low voltage										
	9581	04 Only for 24 Vdc versions	9581	04 Only for 24 Vdc versions	---	---	9581	04 Only for 24 Vdc versions	9581	04 Only for 24 Vdc versions









Power supply	code	colour	code	colour	code	colour	code	colour	code	colour
 Electronic constant tension power supply 50W 24V Iout=2A dim. 225x60x36h	MWK4	00	MWK4	00	---	---	MWK4	00	MWK4	00
 Electronic constant tension power supply 70W 24V IOUT=2,9A dim. 225x60x36h	MWK5	00	MWK5	00	---	---	MWK5	00	MWK5	00
 Constant voltage power supply unit non dimmable IP67 40W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions:171x61,5x38,8	X182	00	X182	00	---	---	X182	00	X182	00
 Constant voltage power supply unit non dimmable IP67 80W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8	X183	00	X183	00	---	---	X183	00	X183	00
 Constant voltage power supply unit non dimmable IP67 120W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8	X184	00	X184	00	---	---	X184	00	X184	00
 Constant voltage power supply unit non dimmable IP67 185W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8	X185	00	X185	00	---	---	X185	00	X185	00
 Constant voltage power supply unit non dimmable IP67 240W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8	X186	00	X186	00	---	---	X186	00	X186	00
 Constant voltage power supply unit non dimmable IP67 320W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions:252x90x43,8	X187	00	X187	00	---	---	X187	00	X187	00
 Constant voltage power supply unit DALI IP20 100W VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30	MZ15	00	MZ15	00	---	---	MZ15	00	MZ15	00
 Constant voltage power supply unit IP20 96W VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22	MZ14	00	MZ14	00	---	---	MZ14	00	MZ14	00
 Constant voltage power supply unit non dimmable track DIN 120W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	BZK0	00	BZK0	00	---	---	BZK0	00	BZK0	00
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125 PC15 00	PC15	00	PC15	00	---	---	PC15	00	PC15	00

Walky

recessed luminaire



Power supply	code	colour	code	colour	code	colour	code	colour	code	colour
 Constant voltage power supply unit non dimmable track DIN 240W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912	00	9912	00	---	---	9912	00	9912	00
	VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	PC16	00	PC16	00	---	---	PC16	00	PC16
 Constant current power supply unit non dimmable track DIN 10W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93	9908	00	9908	00	---	---	9908	00	---	---
	VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93									
 Constant voltage power supply unit non dimmable track DIN 24W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909	00	9909	00	---	---	9909	00	9909	00
	VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94									
 Constant voltage power supply unit non dimmable track DIN 72W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9910	00	9910	00	---	---	9910	00	9910	00
	VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94									
 Constant voltage power supply unit non dimmable track DIN 96W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105	9911	00	9911	00	---	---	9911	00	9911	00
	VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105									
 Constant voltage power supply unit non dimmable track DIN 480W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	BZK1	00	BZK1	00	---	---	BZK1	00	BZK1	00
	VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	PC17	00	PC17	00	---	---	PC17	00	PC17
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125										

168 Rue de Crimée. Artists' Residences - Paris, France
 Architectural project: Metek Architecture - Sarah Bitter
 Photo: Didier Boy De La Tour





ø 140 mm



ø 228 mm



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- Direct light luminaire intended for use with LED light sources.
- Ceiling-mounted recessed luminaire.
- High visual comfort.
- Comprises an optical compartment (circular), frame, side components box and casing to be ordered separately as required.
- Optical compartment and frame in aluminium alloy; hardened calcium sodium sealing glass mounted with silicone on the frame 99.96%

- super-pure aluminium reflectors; side box for components and upper closure cap in plastic (small body) or aluminium alloy (large body); complete with a silicone internal gasket to guarantee water tightness.
- Frame casing in pre-galvanized, black painted sheet steel for concrete ceilings complete with end cap and threaded bar.
- Versions are available with multiwatt reactors.

- Adjustable optics.
- Reduced height of luminaire.
- Luminaire ready for pass-through wiring.
- All external screws used are in A2 stainless steel.



Installation on false ceiling from 5 to 60 mm

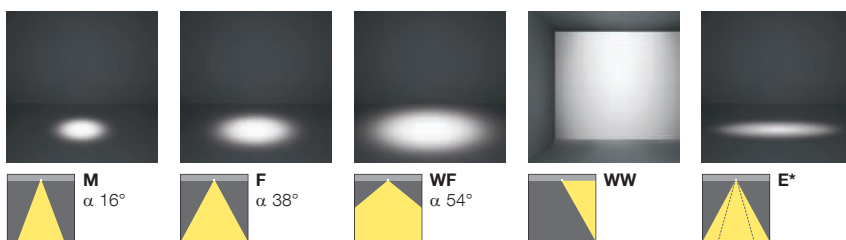


Safety cable



Installation on concrete

Optics



* Elliptical optics are obtained by installing the specific accessory.

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects. The combination of filters allows the chromatic characteristics of the source to be modified in order to enhance illuminated objects or settings.



Optical compartment and frame in aluminium alloy



Refractor for elliptical distribution of the luminous flux



Prismatic diffuser glass



Diffuser Filter



The cover in stainless steel overlaps the front frame in aluminium to ensure better formal purity.

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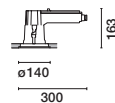
source		system		optic	code colour
W	lm	W	lm		
ø140 - Fixed optic - C.o.B.					
LED					
4000K - CRI 80					
12W	1800	13,5W	1350	16°	BV26 15
12W	1800	13,5W	1367	38°	BV28 15
3000K - CRI 80					
12W	1750	13,5W	1313	16°	BV27 15
12W	1750	13,5W	1329	38°	BV29 15

Complete with power supply and exit cable.



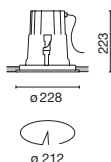
source		system		optic	code colour
W	lm	W	lm		
ø140 - Fixed optic - C.o.B.					
LED					
4000K - CRI 80 - DALI					
19W	2800	21,6W	2100	16°	BV30 15
19W	2800	21,6W	2126	38°	BV32 15
3000K - CRI 80 - DALI					
19W	2700	21,6W	2025	16°	BV31 15
19W	2700	21,6W	2050	38°	BV33 15

Complete with box with power supply and two cable inlets for pass-through wiring.

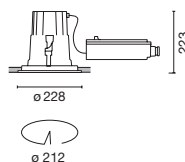




source		system		optic	code	colour
W	lm	W	lm			
ø228 - Fixed optic - C.o.B.						
LED						
4000K - CRI 80						
23W	3700	26,8W	2960	16°	BV36	15
23W	3700	26,8W	2813	54°	BV38	15
3000K - CRI 80						
23W	3600	26,8W	2880	16°	BV37	15
23W	3600	26,8W	2737	54°	BV39	15



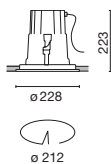
source		system		optic	code	colour
W	lm	W	lm			
ø228 - Fixed optic - C.o.B.						
LED						
4000K - CRI 80 - DALI						
31W	4600	34,1W	3497	54°	BV42	15
3000K - CRI 80 - DALI						
31W	4500	34,1W	3421	54°	BV43	15



Complete with box with power supply and two cable inlets for pass-through wiring.



source		system		optic	code	colour
W	lm	W	lm			
ø228 - Wall washer - C.o.B.						
LED						
4000K - CRI 80						
23W	3700	26,8W	2183	WW	BV40	15
3000K - CRI 80						
23W	3600	26,8W	2124	WW	BV41	15



Optical accessories

	code	colour	code	colour
Diffuser Filter	MW86	65	4493	65 Wall Washer optic excluded
Refractor for elliptical distribution	MW85	24	X009	24
Refractor for elliptical distribution	MW84	24	4492	24 Wall Washer optic excluded

Control gear

	code	colour	code	colour
2-way connector with 2 pole terminal	BZH0	00 For BV26-BV27-BV28-BV29-BV36-BV37-BV38-BV39-BV40-BV41	BZH0	00 For BV26-BV27-BV28-BV29-BV36-BV37-BV38-BV39-BV40-BV41
Junction box for pole mounted multiple-wiring	1180	15	1180	15

Mounting accessories

	code	colour	code	colour
Safety cable L=2000	MWK6	00	MWK6	00
Case for concrete ceilings. Granulometry suggested for the aggregates used in concrete 0÷25 mm	MW87	04	MW89	04
Stainless steel frame	MW83	13	MW88	13

Hotel Bürgenstock - Lucerne, Switzerland
 Client: The Bürgenstock Selection - Katara Hospitality
 Architectural Project: Rüssli Architekten
 Lighting project: Sektor4 GmbH-Zürich
 Interior design: MKV
 Photo: Paolo Carlini



Laser Blade InOut



83x49 mm



158x49 mm



291x49 mm



423x49 mm

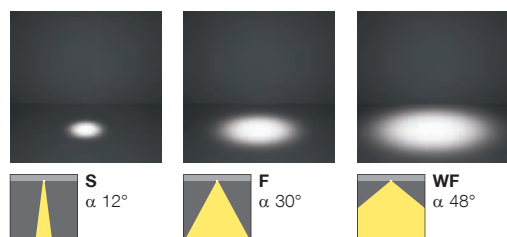


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- Recessed luminaire on false ceilings with 1 to 25 mm thickness or concrete ceilings using specific frame casing.
- Possibility of flush ceiling installation on false ceilings of 12.7 mm or 15 mm in thickness using an accessory.
- Main body with radiant surface in die-cast aluminium; extruded aluminium frame with silk-screened protection glass.
- Version available with black frame.
- High-definition Opti Beam optics made of metallised thermoplastic material, integrated in the innovative black antiglare screen that defines emission with luminance control UGR<19.
- The special configuration of the optical system delivers a precise circular distribution without a spotting effect.
- High visual comfort.
- Installation without tools.

Optics





47
WHITE/BLACK

74
GREY/BLACK

Installations

Frame recessed luminaire



Flush-ceiling recessed luminaire



Flush installation on plasterboard false ceilings is achieved by using the specific accessory frame.

Laser Blade XS, Laser Blade, Laser Blade L and Laser Blade XL versions are described on page 120
Laser Blade InOut wall/ceiling versions can be consulted on page 876

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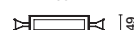
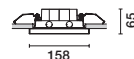
source	system		optic	code	colour
	W	lm			
LED					
4000K - CRI 95					
4,1W	400	4,1W	291	30°	BX55 47-74
3000K - CRI 90					
4,1W	400	4,1W	291	30°	BX56 47-74



2700K - CRI 95					
4,1W	340	4,1W	248	30°	BX57 47-74

Class of Insulation III
Power supply to be ordered separately

source	system		optic	code	colour
	W	lm			
LED					
4000K - CRI 95					
10W	1000	11,8W	759	48°	BX58 47-74
3000K - CRI 90					
10W	1000	11,8W	689	12°	BX59 47-74
10W	1000	11,8W	759	48°	BX60 47-74



2700K - CRI 95					
10W	850	11,8W	586	12°	BX61 47-74
10W	850	11,8W	645	48°	BX62 47-74

4000K - CRI 95 - DALI					
10W	1000	12,5W	759	48°	BX63 47-74

3000K - CRI 90 - DALI					
10W	1000	12,5W	689	12°	BX64 47-74
10W	1000	12,5W	759	48°	BX65 47-74

2700K - CRI 95 - DALI					
10W	850	12,5W	586	12°	BX66 47-74
10W	850	12,5W	645	48°	BX67 47-74

Complete with power supply



47
WHITE/BLACK

74
GREY/BLACK

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	source		system		optic	code	colour
	W	lm	W	lm			
LED							
4000K - CRI 95							
	21W	2000	24,4W	1518	48°	BX68	47-74
3000K - CRI 90							
	20W	2000	24,4W	1378	12°	BX69	47-74
	20W	2000	24,4W	1518	48°	BX70	47-74
2700K - CRI 95							
	21W	1700	24,4W	1171	12°	BX71	47-74
	21W	1700	24,4W	1291	48°	BX72	47-74
4000K - CRI 95 - DALI							
	21W	2000	23,7W	1518	48°	BX73	47-74
3000K - CRI 90 - DALI							
	20W	2000	23,7W	1378	12°	BX74	47-74
	20W	2000	23,7W	1518	48°	BX75	47-74
2700K - CRI 95 - DALI							
	21W	1700	23,7W	1171	12°	BX76	47-74
	21W	1700	23,7W	1291	48°	BX77	47-74

Complete with power supply

	source		system		optic	code	colour
	W	lm	W	lm			
LED							
4000K - CRI 95							
	31W	3000	35,4W	2278	48°	BX78	47-74
3000K - CRI 90							
	30W	2900	35,4W	1998	12°	BX79	47-74
	30W	2900	35,4W	2202	48°	BX80	47-74
2700K - CRI 95							
	31W	2500	35,4W	1722	12°	BX81	47-74
	31W	2500	35,4W	1898	48°	BX82	47-74
4000K - CRI 95 - DALI							
	31W	3000	36,4W	2278	48°	BX83	47-74
3000K - CRI 90 - DALI							
	30W	2900	36,4W	1998	12°	BX84	47-74
	30W	2900	36,4W	2202	48°	BX85	47-74
2700K - CRI 95 - DALI							
	31W	2500	36,4W	1722	12°	BX86	47-74
	31W	2500	36,4W	1898	48°	BX87	47-74

Complete with power supply

Control gear	code	colour
Junction box IP68	BZG8	00
IP67 box for power supply		
dim. 140x230x95h (6PG)	9582	00
Y connector with 5 poles IP68		
For the connection of the DMX or DALI signal cable and power supply cable	BZN7	00
2-way connector with 2 pole terminal IP68		
Suitable for 2x2.5 mm2 cables	BZK6	00
4-way junction connector - IP68	X189	00
Sealed connector kit IP68 for low voltage	9581	04

Mounting accessories	code	colour
Outer casing complete with adapter for recessed installation on concrete ceilings	X111 00 X112 00	00
	For BX55-BX56-BX57 For BX58-BX59-BX60-BX61-BX62-BX63-BX64-BX65-BX66-BX67	
	X113 00 X114 00	00
	For BX68-BX69-BX70-BX71-BX72-BX73-BX74-BX75-BX76-BX77 For BX78-BX79-BX80-BX81-BX82-BX83-BX84-BX85-BX86-BX87	
Frame for flush-mount installation on false ceilings in plasterboard	X115 00 X116 00	00
	For BX55-BX56-BX57 For BX58-BX59-BX60-BX61-BX62-BX63-BX64-BX65-BX66-BX67	
	X117 00 X118 00	00
	For BX68-BX69-BX70-BX71-BX72-BX73-BX74-BX75-BX76-BX77 For BX78-BX79-BX80-BX81-BX82-BX83-BX84-BX85-BX86-BX87	
Suction cup	9583	00

Power supply	code	colour
Constant current power supply unit non dimmable IP20 17W	MXF9	00
Constant current power supply DALI IP20 50W		
VIN = 220-240VAC 50/60Hz Iout = 350÷1050mA dimensions: 125x80x22	BZM4	00
DALI constant current power supply IP68 30W with 3 outgoing cables L = 400		
VIN = 220 ÷ 240Vac 50 / 60Hz Iout = 700mA dimensions 121x53.5x26	PB27	00
Constant current power supply not dimm. IP68 30W with 2 outgoing cables L = 400		
VIN = 220 ÷ 240Vac 50 / 60Hz Iout = 700mA dimensions 121x53.5x26	X120	00

Mollymook Beach House - Mollymook, New South Wales, Australia
 Architectural Project: MCK Architects
 Lighting project: Electrolight Australia
 Photo: Rohan Venn





Underwater luminaires

Reliability is the first design input around which we develop solutions for applications in immersed contexts, swimming pools or aquatic installations, for hotels and residential sites. Recessed versions are available with various types of optic and colour temperature. Versions are also available for RGB and adjustment systems to create lighting designs.

826 Underscore InOut

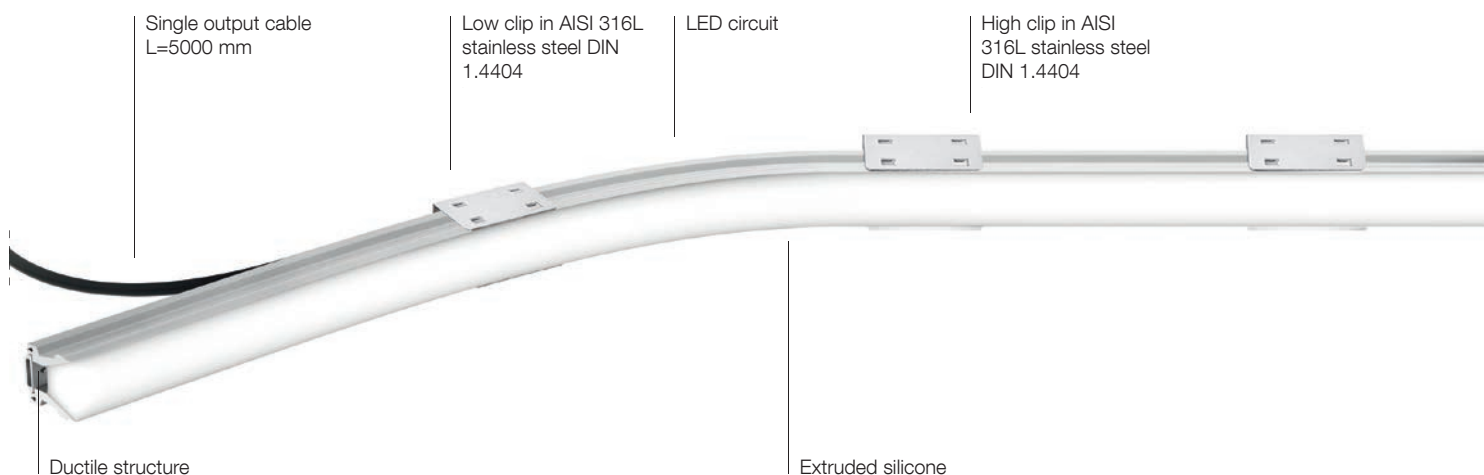
830 WaterApp Floodlight

832 WaterApp Recessed luminaire



Underscore InOut

Top Bend 16 - Dive



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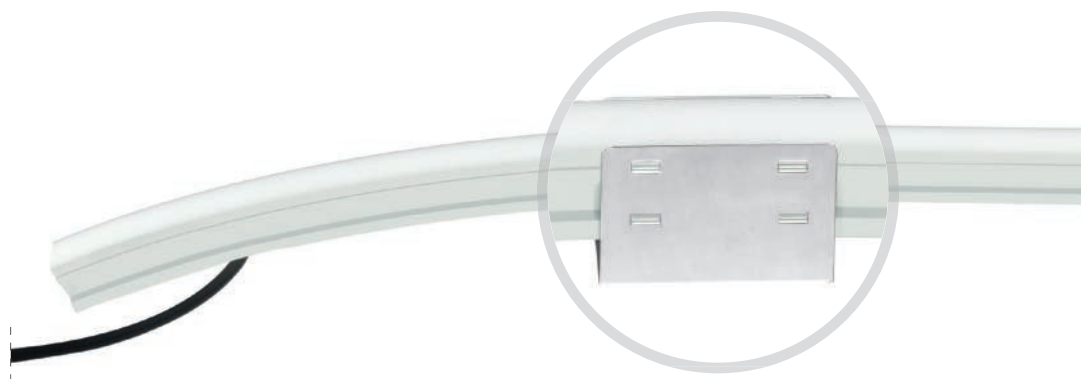


- Linear luminaire with monochromatic (2900K-4500K), RGB or Tunable White LEDs for installation in fountains and areas around swimming pools (not indoors).
- Surface mount installation using AISI 316 stainless steel clips.
- Based on a flexible white 24Vdc circuit, with 6 lengths available: 254/504/1004/2004 /3004/7004 mm
- The PWM LED circuit is fully IP68 encapsulated with a very high performance white (external) and opal (emitting surface) polymer sheath: the material allows for use and installation at a maximum temperature of 45 °C in air and 25 °C in water.
- The water must have a pH value between 7 and 8.
- Uniform lighting without visible points is assured along the entire profile of the strip as far as the terminal parts.
- Complete with a single output cable L=5000
- Complete with stainless steel wires to limit plastic deformation of the body that may otherwise damage the LED circuit.
- Resistant to seawater testing in accordance with EN60598-2-18, UV and solvents.
- IK10 impact resistance
- Contact temperature <40°.

Installation limits with clips

Immersion installation with clips is not permitted:

- in areas where direct contact with people or animals is possible;
- inside swimming pools (allowed only in surrounding areas);
- on pedestrian or vehicular surfaces.





W lm length code colour

2900K - 24Vdc

LED

2900K - CRI 80 - PWM

2,1W	68,8	254	EM92 01
4,3W	137,5	504	EM93 01
8,5W	275	1004	EM94 01
17W	550	2004	EM95 01
25,5W	825	3004	EM96 01
42,5W	1375	5004	EM97 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

4500K - 24Vdc

LED

4500K - CRI 80 - PWM

2,1W	82,5	254	EM98 01
4,3W	165	504	EM99 01
8,5W	330	1004	EN00 01
17W	660	2004	EN01 01
25,5W	990	3004	EN02 01
42,5W	1650	5004	EN03 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W lm length code colour

RGB - 24Vdc

LED

RGB - PWM

2,2W	29	254	EN04 01
4,4W	58	504	EN05 01
8,8W	116	1004	EN06 01
17,6W	232	2004	EN07 01
26,4W	348	3004	EN08 01
44W	580	5004	EN09 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

Tunable white 2500K-4500K - 24Vdc

LED

Tunable White - PWM

2,3W	88,9	254	EN10 01
4,6W	177,8	504	EN11 01
9,1W	355,7	1004	EN12 01
18W	711,4	2004	EN13 01
27W	1067	3004	EN14 01
46W	1778,4	5004	EN15 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



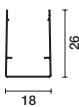
length code colour

Stainless steel low support clip

Module

40	X141 13
----	---------

For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.



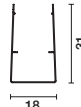
length code colour

Stainless steel high support clip

Module




40	X131 13
----	---------



With seating for hidden connector.
Allows the connector to be hidden in the lower part of the stainless steel clip.
Designed for curved sections.














Underscore InOut







Top Bend 16 - Dive

Control gear	code	colour
 <p>IP67 box for power supply</p> <p>dim. 140x230x95h (6PG)</p>	9582	00
	Unifit for power supplies 9912-BZK1-MWK4-MWK5	
<p>dim. 280x190x130h (10PG)</p>	BZ33	00
 <p>2-way junction connector - IP68</p>	X188	00
	possible connection of max. 2 outgoing cables with connectors	
 <p>4-way junction connector - IP68</p>	X189	00
	possible connection of max. 6 outgoing cables with connectors	

Interfaces & remote units	code	colour
 <p>4-channel LED Driver with DALI-DMX 720W controller</p> <p>VIN=12÷48Vdc VOUT=5-12-24-48V</p>	9639	00
 <p>PWM interface with DALI monochromatic LED dimmer 120W 24Vdc</p>	MWP3	00

Power supply	code	colour
 <p>Electronic constant tension power supply 50W 24V</p> <p>IOUT=2A dim. 225x60x36h</p>	MWK4	00
 <p>Electronic constant tension power supply 70W 24V</p> <p>IOUT=2,9A dim. 225x60x36h</p>	MWK5	00
 <p>Constant voltage power supply unit non dimmable IP67 40W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions:171x61,5x36,8</p>	X182	00

Power supply	code	colour
 <p>Constant voltage power supply unit non dimmable IP67 80W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8</p>	X183	00
 <p>Constant voltage power supply unit non dimmable IP67 120W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8</p>	X184	00
 <p>Constant voltage power supply unit non dimmable IP67 185W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8</p>	X185	00
 <p>Constant voltage power supply unit non dimmable IP67 240W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8</p>	X186	00
 <p>Constant voltage power supply unit non dimmable IP67 320W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions:252x90x43,8</p>	X187	00
 <p>Constant voltage power supply unit DALI IP20 100W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30</p>	MZ15	00
 <p>Constant voltage power supply unit IP20 96W</p> <p>VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22</p>	MZ14	00
 <p>Constant voltage power supply unit non dimmable track DIN 120W</p> <p>VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125</p>	BZK0	00
<p>VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125</p>	PC15	00

Power supply	code	colour
 <p>Constant voltage power supply unit non dimmable track DIN 240W</p> <p>VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125</p>	9912	00
<p>VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125</p>	PC16	00
 <p>Constant current power supply unit non dimmable track DIN 10W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93</p>	9908	00
 <p>Constant voltage power supply unit non dimmable track DIN 24W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94</p>	9909	00
 <p>Constant voltage power supply unit non dimmable track DIN 72W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94</p>	9910	00
 <p>Constant voltage power supply unit non dimmable track DIN 96W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x68x105</p>	9911	00
 <p>Constant voltage power supply unit non dimmable track DIN 480W</p> <p>VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125</p>	BZK1	00
<p>VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125</p>	PC17	00



WaterApp Floodlight



ø 83



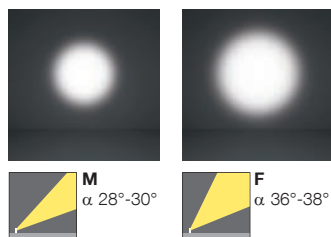
ø 105



- Direct light luminaire intended for permanent immersion applications (IP68 5 m) using LED light sources.
- Body in AISI 316L stainless steel ensuring maximum reliability over time even in extreme environments with high salinity; transparent

- colourless tempered sealing glass with 5 mm thickness; silicone water-tight gasket; complete with exit power supply cable L=6000 mm.
- All screws used are in A2 stainless steel.

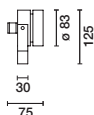
Ottiche





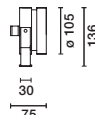
source		system				optic	code colour
W	lm	W	lm				
ø83							
LED							
6500K - CRI 70							
3,1W	410	3,1W	312		28°		BH83 13
3,1W	410	3,1W	298		38°		BH84 13

Power supply to be ordered separately



source		system				optic	code colour
W	lm	W	lm				
ø105							
LED							
6500K - CRI 70							
6,2W	820	6,2W	631		30°		BH89 13
6,2W	820	6,2W	605		36°		BH90 13

Power supply to be ordered separately



Power supply

code	colour	code	colour
------	--------	------	--------

Constant current power supply unit non dimmable IP20 8W
VIN = 100-240VAC 50/60Hz
Iout = 350mA dimensions: 68x35x21,5

MX48	00	---	---
-------------	----	-----	-----

Constant current power supply not dimm. IP20 12 W
Vin = 220-240 Vac 50/60 Hz
Iout = 700 mA - dimensions 115x34x19 mm

---	---	PA86	00
-----	-----	-------------	----

Mounting accessories

code	colour	code	colour
------	--------	------	--------

Adapter disk. Allows the spotlight to be rotated and secured

BZN2	13	BZN2	13
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WaterApp

Recessed luminaire



ø 83



ø 105



IP68

IK07

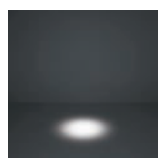


- IP68 10 m permanent immersion recessed luminaire for use with LED light sources.
- Body in AISI 316L stainless steel ensuring maximum reliability over time even in extreme environments with high salinity; transparent

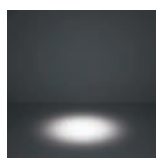
colourless tempered sealing glass with 5 mm thickness; silicone water-tight gasket; complete with exit power supply cable L=6000 mm.

- All screws used are in A2 stainless steel.

Optics



M
α 28°

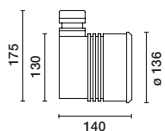


F
α 36°-38°



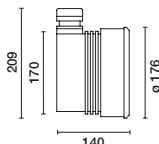
source		system		optic	code	colour
W	lm	W	lm			
ø136						
LED						
6500K - CRI 70						
3,1W	400	3,1W	304	28°	BI01	13
3,1W	400	3,1W	291	38°	BI02	13

Power supply to be ordered separately



source		system		optic	code	colour
W	lm	W	lm			
ø176						
LED						
6500K - CRI 70						
9,1W	1150	9,1W	847	28°	BI07	13
9,1W	1150	9,1W	870	36°	BI08	13

Power supply to be ordered separately



	ø136		ø176	
	code	colour	code	colour
Power supply				
Constant current power supply unit non dimmable IP20 8W VIN = 100-240VAC 50/60Hz Iout = 350mA dimensions: 68x35x21,5	MX48	00	---	---
Constant current power supply not dimm. IP20 22 W Vin = 220-240 Vac 50/60 Hz Iout = 1050 mA - dimensions 122x38x28 mm	---	---	PA87	00

	ø136		ø176	
	code	colour	code	colour
Mounting accessories				
Aluminium outer casing for installation in masonry swimming pools	BZL9	04	BZM0	04
Installation kit for tarpaulin swimming pools	BZM2	00	BZM3	00



Bollards and Systems for residential areas

Highlighting routes

Light accompanies paths through the broad range of formal and lighting design solutions available.

Visual comfort is extremely high thanks also to limited height, thereby ensuring pleasant and reassuring illumination. Very sturdy to withstand acts of vandalism.

836 Overview Bollards and Systems for residential areas

840 Walky

847 Lander

852 iWay

860 Grin

864 iTeka

866 Pencil

869 iPoint

870 Typha



Overview Bollards and Systems for residential areas

Bollards for public areas



840 Walky



840 Walky



840 Walky



848 Lander



852 iWay



852 iWay

Performances

Optics	AL	AL	AL	AL/AT/ALC	Direct light/ Screened light	Direct light/ Screened light
Power W	11,5	11,5	12	8 → 24	24,5	24,5
Luminous flux lm	405 / 419	405 / 419	324 / 336	1050 → 2800	840 / 965	788 / 905
Colour temperature K	2700/3000	2700/3000	2700/3000	3000	3000/4000	3000/4000

Installation

Floor	•	•		•	•	•
Wall-mounted				•		

Accessories

Optics and protection					C/F	C/F
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Systems for residential areas



840 Walky



840 Walky



840 Walky



840 Walky



840 Walky



852 iWay

Performances

Optics	AL	AL	AL	AL	AL	Direct light/ Screened light
Power W	1,5	1,5	5,9	4,6	4,6	6,4
Luminous flux lm	29 / 31	31 / 32	112 / 117	107 / 111	107 / 111	119 / 220
Colour temperature K	2700/3000	2700/3000	2700/3000	2700/3000	2700/3000	3000/4000

Installation

Floor	•	•	•	•	•	•
Wall-mounted						

Accessories

Optics and protection						
-----------------------	--	--	--	--	--	--

Optics: **ST1** Street Optic for vehicle traffic, urban and suburban areas- **ST1C** Comfort Street Optic for pedestrian urban areas

A45 Comfort Street Optic - **AL** Longitudinal Asymmetrical **ALC** Comfort Longitudinal Asymmetrical- **AT** Crossways Asymmetrical - **ATC** Comfort Crossways Asymmetrical

Accessories: **C** Frosted screen - **D** Louvre screen - **F** screens for asymmetric emission 180°/90°+90°



856 iWay
Super Comfort
new

856 iWay
Super Comfort
new

Direct light/ Screened light	Direct light/ Screened light
6 / 13,1	6 / 13,1
330 / 731	330 / 602
3000/4000	3000/4000
●	●



852 iWay

860 Grin
new

864 iTeka

866 Pencil

866 Pencil

869 iPoint

870 Typha

Direct light/ Screened light	Direct light/ Screened light	Direct light/ Screened light	Direct light/ Screened light	Direct light/ Screened light	Direct light/ Screened light	Diffused light	Diffused light
6,4	4,3 / 8,5	23,8	7,8 → 18,7	7,8 → 18,7	14,4	1,5 / 3,4	
161/185	138 / 275	2280 → 2550	176 → 520	229 → 676	662	50	
3000/4000	2900	3000/4000	3000	3000	3000	4000	
●	●	●	●	●	●	●	
				D			

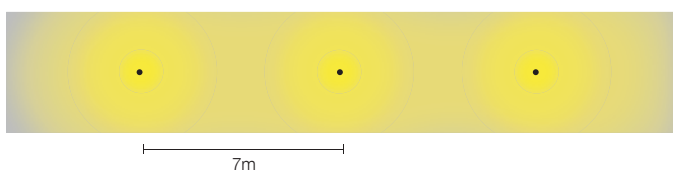
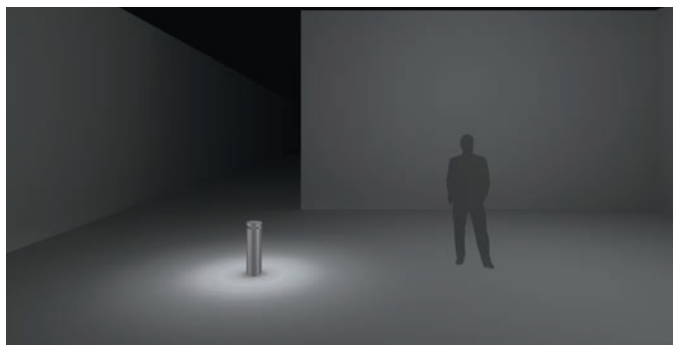
Overview Bollards and Systems for residential areas

It's in the Optics

Horizontal illumination

Direct and perfectly distributed light over the walk-on surface for uniform illumination of paths without any upwards dispersion.

Upward emission <1%



Directional illumination

Street-type distribution at intervals of up to 7 m thanks to the use of innovative optics with OptiSmart reflectors.

Comfort, precision and efficiency are the main features of this technology.

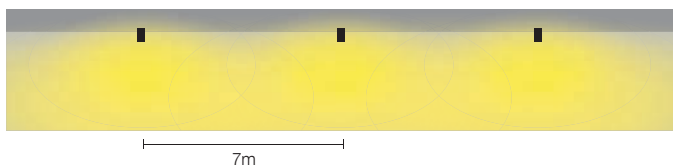
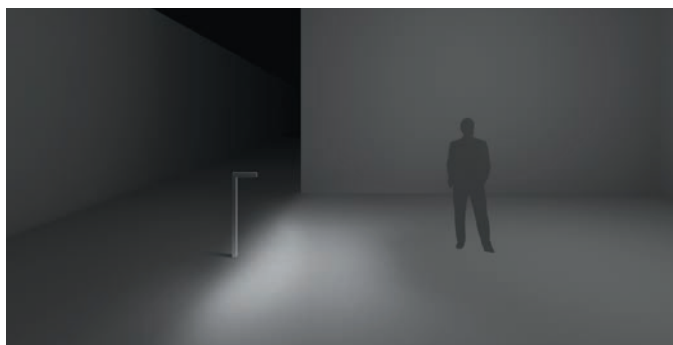
Upward emission <0%



AL Optic



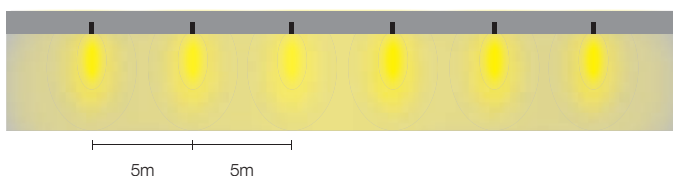
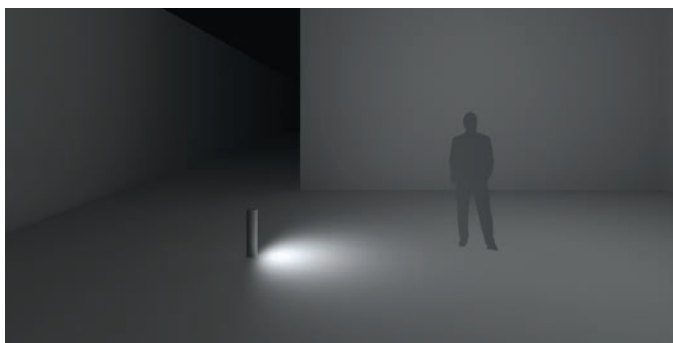
AT Optic



Vertical illumination

Diffused light distributed uniformly on the vertical plane to illuminate pedestrians and the surrounding environment, thereby contributing to safety.

Upward emission <50%



It's in the Optics

Comfortable light

Light marks, guides and fills space without creating direct glare. Comfortable lighting to ensure psychological and visual well-being.



It's in the product

Safety

Safety is a top priority for us. Our LED bollards use materials and dissipation systems that ensure negligible surface temperatures for all parts exposed to contact.

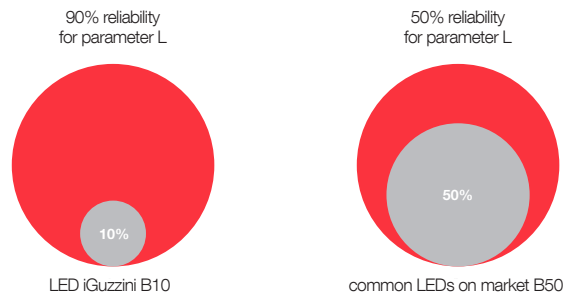
Maximum impact protection

Up to IP66- IK10 Maximum resistance to dust penetration and protection against waves.

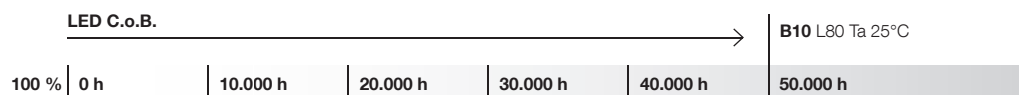


Duration of LEDs

The lifespan of LEDs is a given statistic. Parameters "L" and "B" describe the percentage value of the final luminous flux (L) and the confidence level expressed (B). Our new generation products always envisage B10 or B20, thereby stating extremely reliable LED lifespan values.



B10 indicates a 90% reliability level at the point the declared lifetime is reached with the luminous flux indicated





50x220 h900
for optical
compartment ø 200

50x220 h900
for optical
compartment 180x180

40x110 h600
for optical
compartment
ø 100

40x110 h600
for optical
compartment
90x90

50x290 h600
for optical
compartment
270x90

35x57 h400
for optical
compartment
ø 50

35x57 h400
for optical
compartment
45x45

40x195 h400
for optical
compartment
180x45



- Lighting system for walkways designed for use with LED light sources to ensure high visual comfort.
- Bollard installation
- Comprising an optical compartment with IP66 protection rating and bollard to be ordered separately.
- Optical compartment and bollard in aluminium alloy with powder paint coating treatment to ensure high resistance to atmospheric agents and UV rays. Plastic closure casing in the rear part of the optical compartment.
- Complete with plastic cable gland and output cable 0.5 - 1 m long

- Tempered frosted sodium-calcium safety glass.
- The optical compartment is secured to the bollard by a single torx type stainless steel safety screw.
- The interior of bollard has two stainless steel rods secured to the base strip, ensuring that the product has high impact resistance.
- The bollard is anchored to the floor by means of a galvanised and painted steel base strip.
- The bollard is secured on the ground/floor using anchor pads (on floors) or by a base strip and counter-plate with Dakromet-

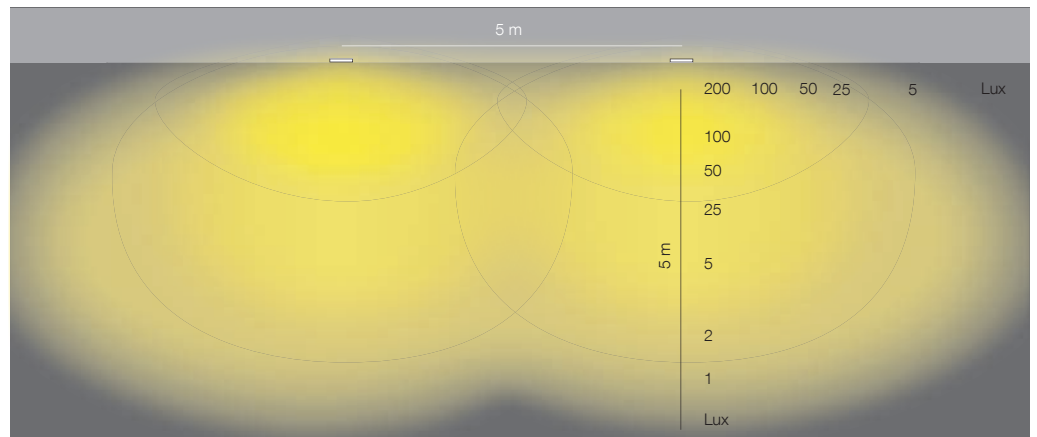
- coated split bars to ensure even better corrosion resistance (can be ordered separately).
- Walky optical compartment with built-in 220÷240Vac On-Off power supply or remote 24Vdc power supply.
- For 24Vdc versions: On-Off, Dali, IP67 remote power supplies are available (to be ordered separately).
- Bollards are available with built-in IP66 220÷240Vac power supply for Walky 24Vdc versions (ø100, 90x90 and 270x90mm).

- Protection against over-voltages (220 ÷ 240Vac versions): 2kV in Common Mode (CM), 1kV in Differential Mode.
- Ambient operating temperature: Ta -30°C +50°C for 24Vdc versions, Ta -20°C +50°C for 220/240Vac (On-Off) versions,
- All external screws used are in A2 stainless steel.

Lighting distribution

The high performance of this product ensures a uniform level of illumination over the entire horizontal surface.

Lux values refer to Walky ø 200 mm or 180x180 mm versions installed at a height of 900 mm from the ground.



Composition

The product comprises a bollard and a Walky luminaire to be ordered separately.



Versions

Recessed luminaire
page 806

Wall-mounted
page 904



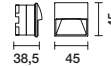
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - PWM							
1,1W	180	1,5W	31	AL		EI29	01-15-F5
2700K - CRI 80 - PWM							
1,1W	170	1,5W	29	AL		EI30	01-15-F5

24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request



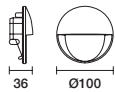
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - PWM							
1,1W	180	1,5W	32	AL		EI38	01-15-F5
2700K - CRI 80 - PWM							
1,1W	170	1,5W	31	AL		EI39	01-15-F5

24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request



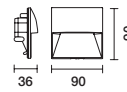
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - PWM							
3,2W	530	4,6W	111	AL		EI26	01-15-F5
2700K - CRI 80 - PWM							
3,2W	510	4,6W	107	AL		EI27	01-15-F5

24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request



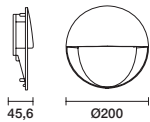
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - PWM							
3,2W	530	4,6W	111	AL		EI35	01-15-F5
2700K - CRI 80 - PWM							
3,2W	510	4,6W	107	AL		EI36	01-15-F5

24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request



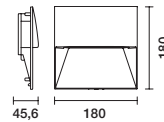
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80							
9,9W	1550	11,5W	419	AL		EI23	01-15-F5
2700K - CRI 80							
9,9W	1500	11,5W	405	AL		EI24	01-15-F5

220÷240Vac
Class of Insulation I
Outer casing to be ordered separately
Installation accessory to be ordered separately
4000K versions on request



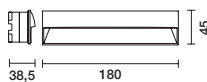
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80							
9,9W	1550	11,5W	419	AL		EI32	01-15-F5
2700K - CRI 80							
9,9W	1500	11,5W	405	AL		EI33	01-15-F5

220÷240Vac
Class of Insulation I
Installation accessory to be ordered separately.
4000K versions on request



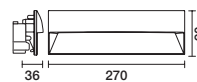
source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - PWM							
4,3W	690	5,9W	117	AL		EI47	01-15-F5
2700K - CRI 80 - PWM							
4,3W	660	5,9W	112	AL		EI48	01-15-F5

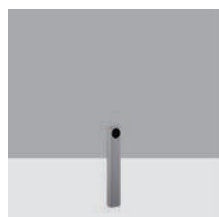
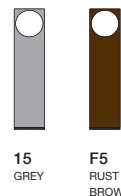
24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request



source		system				optic	code colour
W	lm	W	lm	W	lm		
LED							
3000K - CRI 80 - PWM							
8,6W	1400	12W	336	AL		EI44	01-15-F5
2700K - CRI 80 - PWM							
8,6W	1350	12W	324	AL		EI45	01-15-F5

24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request





code colour

H400 bollard for ø50 optical assembly

X439 15-F5

Power supply to be ordered separately.

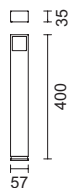


code colour

H400 bollard for 45x45 optical assembly

X443 15-F5

Power supply to be ordered separately.

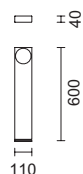


code colour

H600 bollard for ø100 optical assembly

X437 15-F5
X438 15-F5

X437: power supply to be ordered separately.
X438: complete with power supply. Class of Insulation II

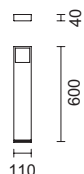


code colour

H600 bollard for 90x90 optical assembly

X441 15-F5
X442 15-F5

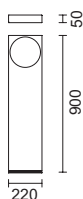
X441: power supply to be ordered separately.
X442: complete with power supply. Class of Insulation II



code colour

H900 bollard for ø200 optical assembly

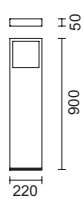
X436 15-F5



code colour

H900 bollard for 180x180 optical assembly

X440 15-F5

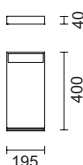


code colour

H400 bollard for 180x45 optical assembly

X446 15-F5

Power supply to be ordered separately.

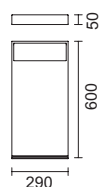


code colour

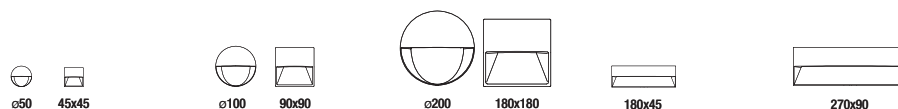
H600 bollard for 270x90 optical assembly

X444 15-F5
X445 15-F5

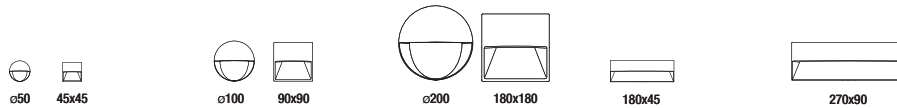
X444: power supply to be ordered separately.
X445: complete with power supply. Class of Insulation II









Walky

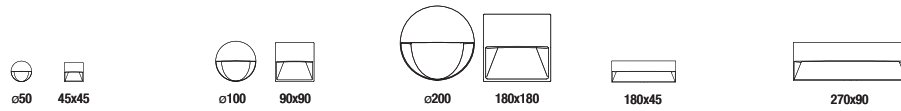








		code	colour	code	colour	code	colour	code	colour	code	colour
	Electronic constant tension power supply 50W 24V Iout=2A dim. 225x60x36h	MWK4	00	MWK4	00	---	---	MWK4	00	MWK4	00
	Electronic constant tension power supply 70W 24V IOUT=2,9A dim. 225x60x36h	MWK5	00	MWK5	00	---	---	MWK5	00	MWK5	00
	Constant voltage power supply unit non dimmable IP67 40W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions:171x61,5x36,8	X182	00	X182	00	---	---	X182	00	X182	00
	Constant voltage power supply unit non dimmable IP67 80W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8	X183	00	X183	00	---	---	X183	00	X183	00
	Constant voltage power supply unit non dimmable IP67 120W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8	X184	00	X184	00	---	---	X184	00	X184	00
	Constant voltage power supply unit non dimmable IP67 185W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8	X185	00	X185	00	---	---	X185	00	X185	00
	Constant voltage power supply unit non dimmable IP67 240W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8	X186	00	X186	00	---	---	X186	00	X186	00
	Constant voltage power supply unit non dimmable IP67 320W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions:252x90x43,8	X187	00	X187	00	---	---	X187	00	X187	00
	Constant voltage power supply unit DALI IP20 100W VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30	MZ15	00	MZ15	00	---	---	MZ15	00	MZ15	00
	Constant voltage power supply unit IP20 96W VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22	MZ14	00	MZ14	00	---	---	MZ14	00	MZ14	00



Power supply	code	colour	code	colour	code	colour	code	colour	code	colour
 Constant voltage power supply unit non dimmable track DIN 120W VIN = 90-240VAC/DC 50/60Hz Vout = 24V I _{MAX} = 5A dimensions: 40x114x125	BZK0	00	BZK0	00	---	---	BZK0	00	BZK0	00
	VIN = 90-240VAC 50/60Hz Vout = 24V I _{MAX} = 5A dimensions: 40x114x125	PC15	00	PC15	00	---	---	PC15	00	PC15
 Constant voltage power supply unit non dimmable track DIN 240W VIN = 90-240VAC/DC 50/60Hz Vout = 24V I _{MAX} = 10A dimensions: 63x114x125	9912	00	9912	00	---	---	9912	00	9912	00
	VIN = 90-240VAC 50/60Hz Vout = 24V I _{MAX} = 10A dimensions: 63x114x125	PC16	00	PC16	00	---	---	PC16	00	PC16
 Constant current power supply unit non dimmable track DIN 10W VIN = 220-240VAC 50/60Hz Vout = 24V I _{MAX} = 0,4A dimensions: 18x68x93	9908	00	9908	00	---	---	9908	00	---	---
	VIN = 220-240VAC 50/60Hz Vout = 24V I _{MAX} = 1A dimensions: 35x68x94	9909	00	9909	00	---	---	9909	00	9909
 Constant voltage power supply unit non dimmable track DIN 24W VIN = 220-240VAC 50/60Hz Vout = 24V I _{MAX} = 1A dimensions: 35x68x94	9910	00	9910	00	---	---	9910	00	9910	00
	VIN = 220-240VAC 50/60Hz Vout = 24V I _{MAX} = 3A dimensions: 70x68x94	9911	00	9911	00	---	---	9911	00	9911
 Constant voltage power supply unit non dimmable track DIN 96W VIN = 220-240VAC 50/60Hz Vout = 24V I _{MAX} = 4A dimensions: 93x66x105	BZK1	00	BZK1	00	---	---	BZK1	00	BZK1	00
	VIN = 90-240VAC/DC 50/60Hz Vout = 24V I _{MAX} = 20A dimensions: 86x129x125	PC17	00	PC17	00	---	---	PC17	00	PC17
 Constant voltage power supply unit non dimmable track DIN 480W VIN = 90-240VAC/DC 50/60Hz Vout = 24V I _{MAX} = 20A dimensions: 86x129x125	BZK1	00	BZK1	00	---	---	BZK1	00	BZK1	00
	VIN = 90-240VAC 50/60Hz Vout = 24V I _{MAX} = 20A dimensions: 86x129x125	PC17	00	PC17	00	---	---	PC17	00	PC17

Walky



	ø50		45x45		ø100		90x90		ø200		180x180		180x45		270x90	
Interfaces & remote units	code	colour	code	colour	code	colour	code	colour	code	colour	code	colour	code	colour	code	colour
 4-channel LED Driver with DALI-DMX 720W controller																
VIN=12÷48Vdc VOUT=5-12-24-48V	9639	00	9639	00	---	---	---	---	9639	00	9639	00	9639	00	9639	00
 PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3	00	MWP3	00	---	---	---	---	MWP3	00	MWP3	00	MWP3	00	MWP3	00
Control gear	code	colour	code	colour	code	colour	code	colour	code	colour	code	colour	code	colour	code	colour
 IP67 box for power supply																
dim. 140x230x95h (6PG)	9582	00	9582	00	---	---	---	---	9582	00	9582	00	9582	00	9582	00
dim. 280x190x130h (10PG)	BZ33	00	BZ33	00	---	---	---	---	BZ33	00	BZ33	00	BZ33	00	BZ33	00
 2-way junction connector - IP68	---	---	X188	00	X188	00	X188	00	---	---	---	---	---	---	---	---
 Sealed connector kit IP68 for low voltage	9581	04	9581	04	---	---	---	---	9581	04	9581	04	9581	04	9581	04
Mounting accessories	code	colour	code	colour	code	colour	code	colour	code	colour	code	colour	code	colour	code	colour
 Counter-plate with anchor bolts	X449	00 For X443-X439	X448	00 For X441-X442-X437-X438	X447	00 For X440-X436	X451	00 For X446	X450	00 For X444-X445						



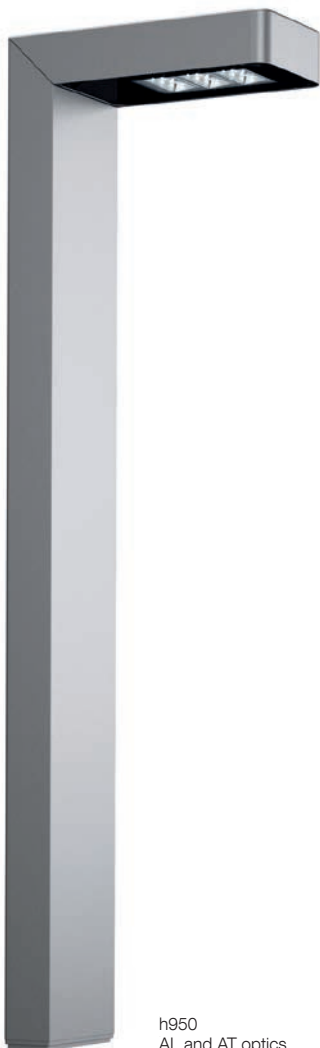
Paphos City Centre – Paphos, Cyprus
 Lighting project: LDPi
 Technical Partner: Dark Architectural Lighting
 Photo: Maria Efthymiou - Creative Photo Room



Wall - Down Light Emission
AL Comfort and AT Comfort optics



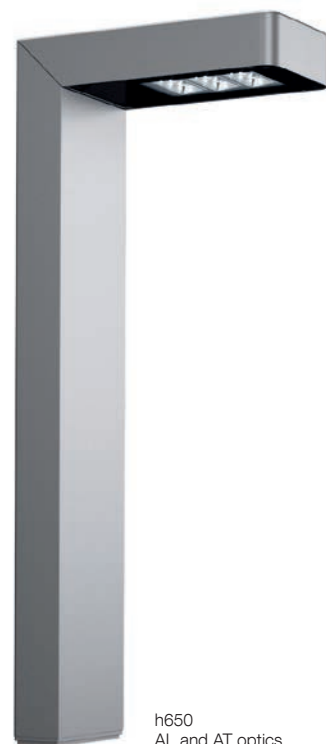
Wall - Up Light Emission
AL and AT comfort optics



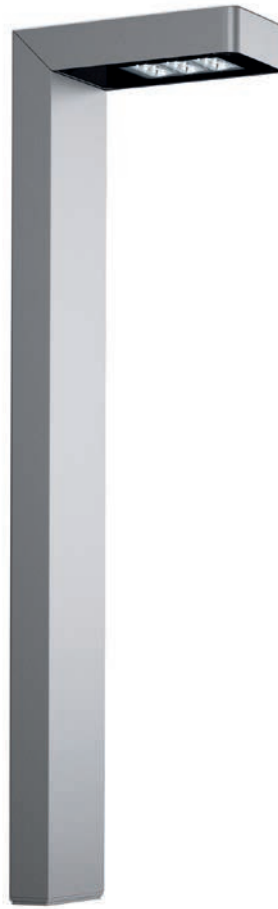
h950
AL and AT optics



h950
AL and AT optics



h650
AL and AT optics



Explore and interact with products in 3D.
thelightexperience.iguzzini.com



IP66

IK06



Opti
Smart



- Direct light luminaire designed for use with LED light sources.
- Bollard versions available (for horizontal and vertical lighting) as well as wall versions.
- Comprises body and optical compartment.
- Body in extruded aluminium with steel ground/wall mounting base strip.
- The body of bollard versions houses two stainless steel rods secured to the base strip ensuring high resistance to impacts and vandalism for the product
- Optical compartment and glass holder frame in die-cast aluminium. clear sodium-calcium tempered sealing glass, 5 mm thick with black

screen-printing. Comfort prismatic glass with black screen printing for the wall version.

- Body and optical compartment undergo multi-step pre-treatment (degreasing, fluoro-zirconium, sealing). The subsequent painting stage involves primer and liquid acrylic paint to ensure high resistance to atmospheric agents and UV rays.
- Optical compartment complete with electronic power supply and output power supply cable.
- Versions with on/off and DALI power supply available.
- Bollard versions complete with IP68 connection box pre-set for through-passing cables

- Asymmetrical Longitudinal (AL) and Crossways (AT) optics with Opti-smart reflectors in super-pure aluminium coated with silvery deposits ensuring high efficiency and uniform light distribution.
- HU High Uniformity versions available
- Replaceable LED and power supplies.
- Bollard versions for horizontal lighting are "full cut-off" with high visual comfort for lighting paths and pavements. The vertical lighting version has asymmetrical optics suitable for vertical illumination of façades and walls.
- (Wall-mount versions with transparent glass for direct and

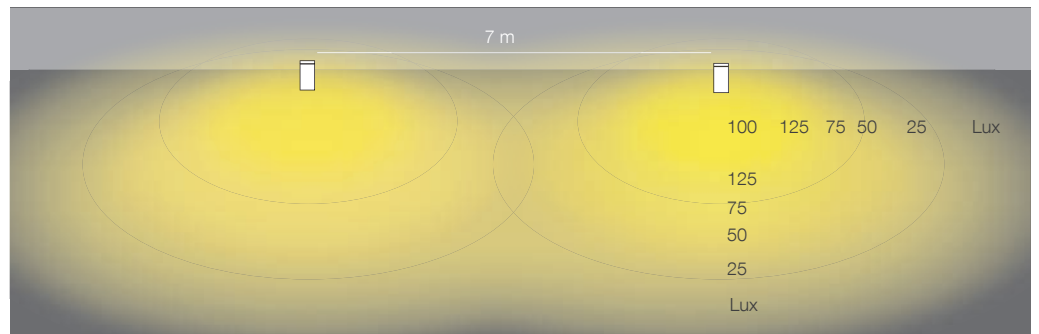
indirect high performance lighting and prismatic comfort glass for direct lighting.

- Overvoltage protection: 4kV in Common Mode (CM), 2kV in Differential Mode (DM).
- The SPD accessory (JAL6) increases overvoltage protection to 6kV/10kV (CM/DM).
- Contact temperature <45°.
- Ambient operating temperature: -30°C +50°C
- All screws used are in A2 stainless steel.

Light distributions

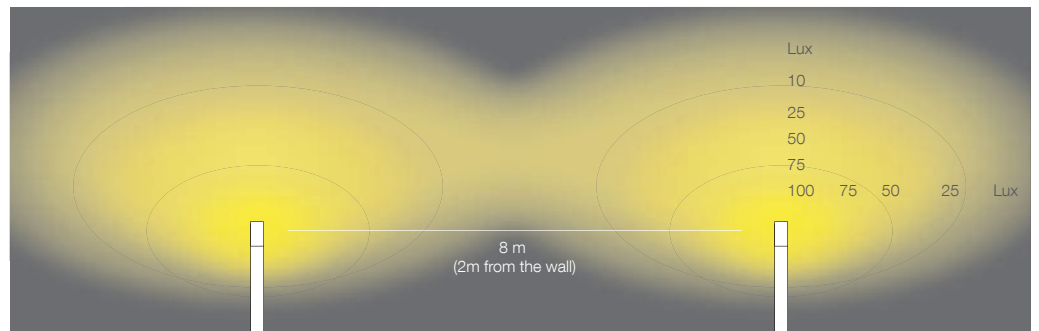
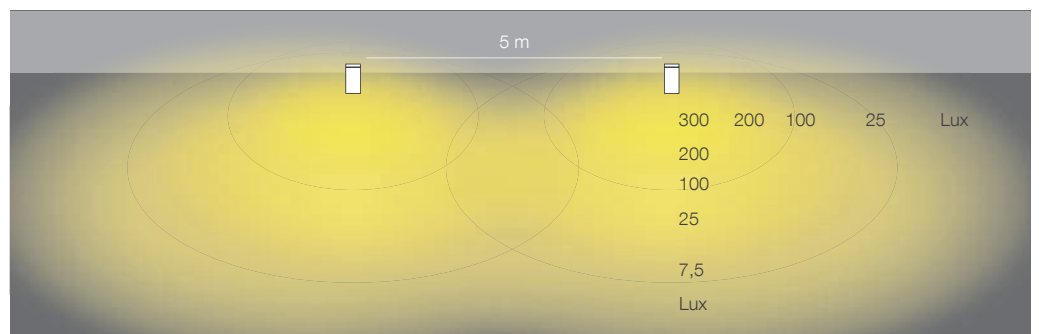
Longitudinal Asymmetric Optic (AL) High Uniformity (HU)

Uniform illumination of walkways and widely spaced routes.



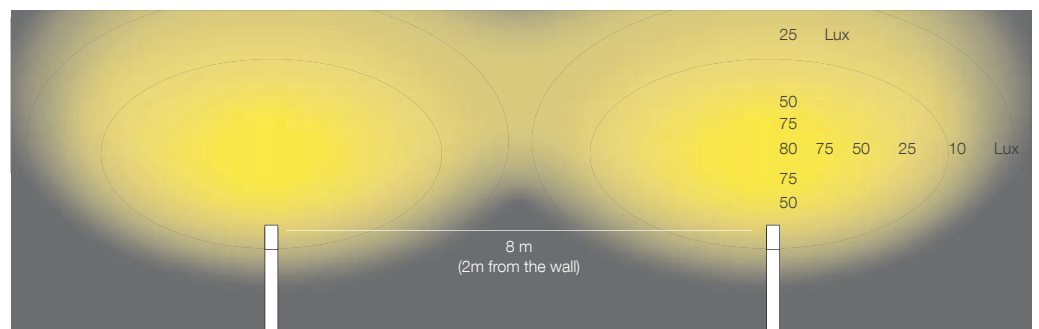
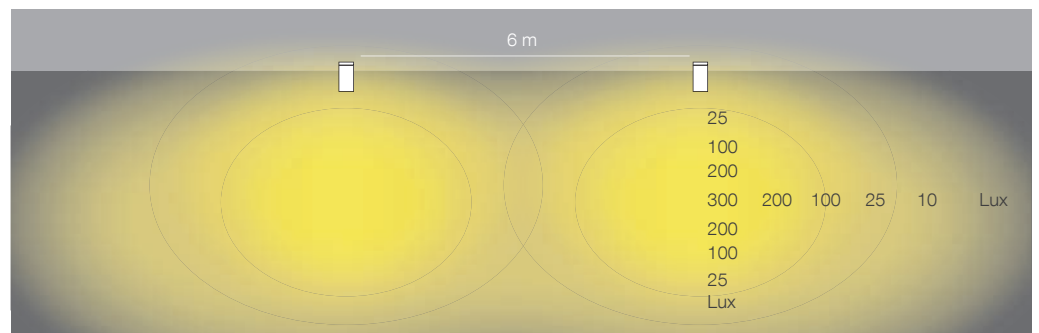
Longitudinal Asymmetric Optic (AL)

Uniform illumination of highly illuminated walkways and paths



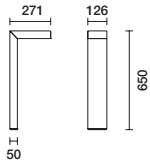
Crossways Asymmetric Optic (AT)

Uniform illumination of stairways and large areas

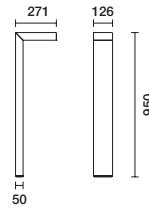




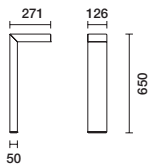
W	lm	optic	code colour
LED			
3000K - CRI 80 - DALI			
12W	1600	AL	ALS2 15
12W	1600	AT	ALS3 15
3000K - CRI 80 - On/off			
12W	1600	AL	AKS9 15
12W	1600	AT	AKT0 15



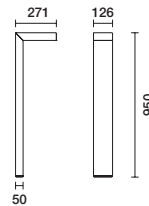
W	lm	optic	code colour
LED			
3000K - CRI 80 - DALI			
12W	1600	AL	ALS6 15
12W	1600	AT	ALS7 15
3000K - CRI 80 - On/off			
12W	1600	AL	AKU1 15
12W	1600	AT	AKU2 15



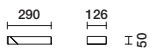
W	lm	optic	code colour
High uniformity			
LED			
3000K - CRI 80 - DALI			
8W	1050	AL	ALS1 15
3000K - CRI 80 - On/off			
8W	1050	AL	ALS0 15



W	lm	optic	code colour
High uniformity			
LED			
3000K - CRI 80 - DALI			
8W	1050	AL	ALS5 15
3000K - CRI 80 - On/off			
8W	1050	AL	ALS4 15



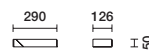
W	lm	optic	code colour
LED			
3000K - CRI 80 - DALI			
24W	2800	AL	ALW0 15
24W	2800	AT	ALW1 15
3000K - CRI 80 - On/off			
24W	2800	AL	AKS3 15
24W	2800	AT	AKS4 15



Recommended for Up light applications



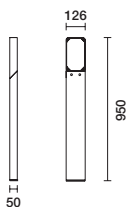
W	lm	optic	code colour
Comfort Optic			
LED			
3000K - CRI 80 - DALI			
12W	1600	ALC	ALW2 15
12W	1600	ATC	ALW3 15
3000K - CRI 80 - On/off			
12W	1600	ALC	AKS5 15
12W	1600	ATC	AKS6 15





Recommended for Down light applications



W	lm	optic	code colour
LED			
3000K - CRI 80 - DALI			
17W	2150	AL	ALS8 15
17W	2150	AT	ALS9 15
3000K - CRI 80 - On/off			
17W	2150	AL	AKS7 15
17W	2150	AT	AKS8 15



Control gear		code	colour	Mounting accessories		code	colour
	SPD (Surge Protection Device) IP67, Class 2, 10 kV	JAL6	00		Counter-plate with anchor bolts	JAL5	00 For AKS7-AKS8-AKS9-AKT0-AKU1-AKU2-ALS0-ALS1-ALS2-ALS3-ALS4-ALS5-ALS6-ALS7-ALS8-ALS9



**Paphos City Centre –
Paphos, Cyprus**
Lighting project: LDPI
Technical Partner: Dark Architectural
Lighting
Photo: Maria Efthymiou - Creative
Photo Room

Awards
IF Design Award
ADI Design Index
Innovation Technology Design



ø 170 h 1000 ø 170 h 1000



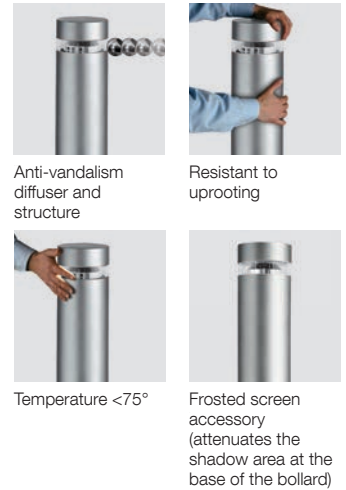
ø 170 h 610 ø 90 h 610 ø 170 h 610 ø 90 h 610



ø 170 h 250 ø 170 h 250

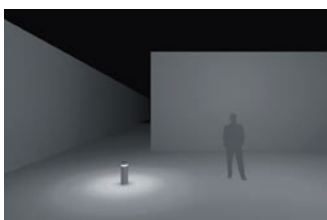
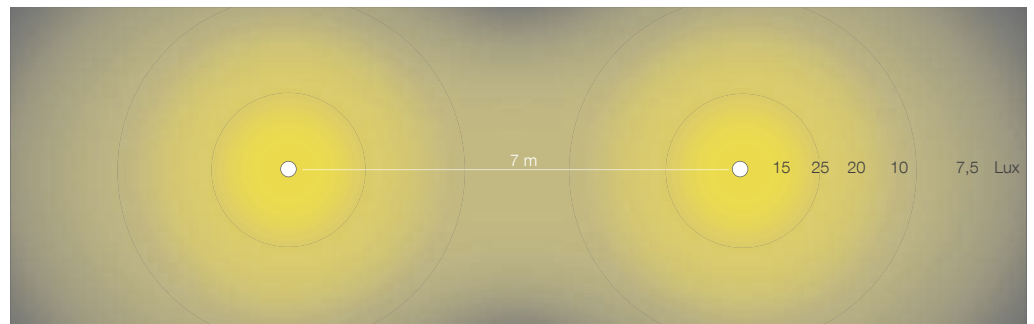


- Direct light luminaire intended for use with metal halide lamps, compact fluorescent lamps and LED light sources.
- Installation on the ground.
- Comprises body and lamp compartment.
- High visual comfort.
- Body in extruded aluminium. low copper content die-cast aluminium alloy base for fixing to the ground; transparent polycarbonate diffuser; sheet aluminium lamp cover guard; super-pure aluminium reflector.
- Component compartment in die-cast (ø 170 mm) or extruded (ø 90 mm) aluminium; removable component-holding plate, fixed to the box by captive screws.
- Counter-plate with split bars finished with Geomet for additional protection against corrosion (can be ordered separately).
- Contact temperature <math><75^{\circ}</math>.
- All screws used are in A2 stainless steel.

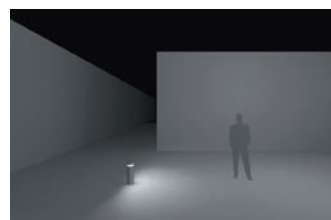


Light distributions

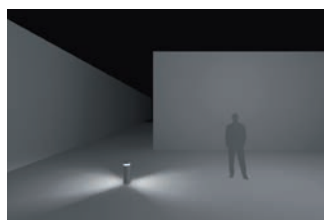
The iWay symmetrical optic on h1000 bollards allows considerable lighting design performance. The 360° luminous flux can be contained or guided with special orientation screens that can restrict the emission as reduced angles or as a thin blade of light.



360° emission



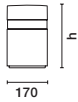
Screen for asymmetrical 180° emission



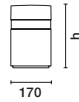
Screen for emission 90°+90°



source		system			code colour
W	lm	W	lm	h	
LED					
4000K - CRI 80					
21W	2010	24,5W	965	250	BW74 15
3000K - CRI 80					
21W	1750	24,5W	840	250	BW75 15



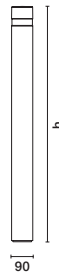
source		system			code colour
W	lm	W	lm	h	
LED					
4000K - CRI 80					
21W	2010	24,5W	905	250	BW80 15
3000K - CRI 80					
21W	1750	24,5W	788	250	BW81 15



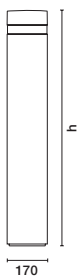
source		system			code colour
W	lm	W	lm	h	
LED					
4000K - CRI 75					
4,9W	403	6,4W	220	610	BG19 15
3000K - CRI 80					
4,9W	350	6,4W	191	610	BG20 15



source		system			code colour
W	lm	W	lm	h	
LED					
4000K - CRI 75					
4,9W	403	6,4W	185	610	BG21 15
3000K - CRI 80					
4,9W	350	6,4W	161	610	BG22 15



source		system			code colour
W	lm	W	lm	h	
LED					
4000K - CRI 80					
21W	2010	24,5W	965	610	BW76 15
21W	2010	24,5W	965	1000	BW78 15
3000K - CRI 80					
21W	1750	24,5W	840	610	BW77 15
21W	1750	24,5W	840	1000	BW79 15














source		system			code colour
W	lm	W	lm	h	
LED					
4000K - CRI 80					
21W	2010	24,5W	905	610	BW82 15
21W	2010	24,5W	905	1000	BW84 15
3000K - CRI 80					
21W	1750	24,5W	788	610	BW83 15
21W	1750	24,5W	788	1000	BW85 15





15
GREY

	 ø90	 90x90	 ø170	 170x170
Control gear	code colour	code colour	code colour	code colour
 Junction box IP68	--- ---	--- ---	BZG8 00 For h250mm	BZG8 00 For h250mm
 2-way connector with 2 pole terminal	--- ---	--- ---	BZH0 00 For h250mm	BZH0 00 For h250mm
 Cable box IP55	--- ---	--- ---	B511 00	B511 00
 IP66 box for pass-through cables	B512 00	B512 00	--- ---	--- ---
Optical accessories	code colour	code colour	code colour	code colour
 Screen for asymmetrical 180° emission	--- ---	--- ---	X023 04	X024 04
 Satin-finished screen	--- ---	--- ---	X087 65	X088 65
Mounting accessories	code colour	code colour	code colour	code colour
 Counter-plate with anchor bolts	B514 00	B514 00	B513 00	B513 00



ø 180
h 1000

∅ 180
h 1000



ø 180
h 610

∅ 180
h 610



ø 180
h 250

∅ 180
h 250



- Outdoor lighting system with direct light. Can be installed on the ground or floor. Designed for use with LED light sources and 180° and 360° asymmetric optics.
- The complete product comprises the optical compartment and cylindrical bollard to be ordered separately.
- The optical compartment is made up of several components: top cover in painted aluminium; flow director in PMMA; light emitting lens in transparent polycarbonate, extruded internal support with radial mount LED circuit; black painted die-cast aluminium cone; lower box housing the die-cast aluminium power supply; silicone sealing gaskets between top cover, lens and cone.
- The optical compartment is installed on the lower cylindrical bollard by a bayonet fitting and secured with two special torx type screws.

- The bollard in extruded aluminium is available with a circular or square cross-section. The interior has three stainless steel rods secured to the base strip, ensuring that the product has high impact resistance.
- The bollard is anchored to the ground by a base strip in die-cast aluminium alloy with low copper content and high corrosion resistance.
- The external parts in aluminium undergo multi-step pre-treatment: the main stages are degreasing, fluoro-zircon protective surface coating and sealing (nano-structured silane layer). The subsequent painting stage involves primer and liquid acrylic paint cured at 150 °C to ensure high resistance to atmospheric agents and UV rays.
- The lower part of the optical compartment is complete with a nickel-plated brass cable clamp and outgoing rubber cable H07RN-F 4x1mm L = 1700mm.

- DALI electronic power supply gear 220÷240, 50 / 60Hz. To adjust the luminous flux, the power supply can be programmed through a dedicated programming interface (see catalogue) and the cable emerging from the optical compartment. The power supply unit is supplied in ON-OFF mode and can be converted to Midnight mode using the same interface. The DALI power supply is compatible with remote management systems. An active control system changes the current intensity in order to maintain the lifespan of the LEDs even under extreme thermal conditions.
- The electrical connection requires IP connectors to be ordered separately.
- All external screws used are in stainless steel.



Anti-vandalism diffuser and structure



Resistant to uprooting

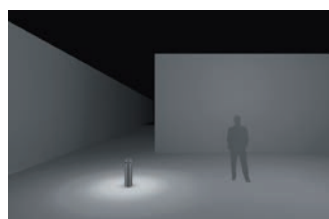
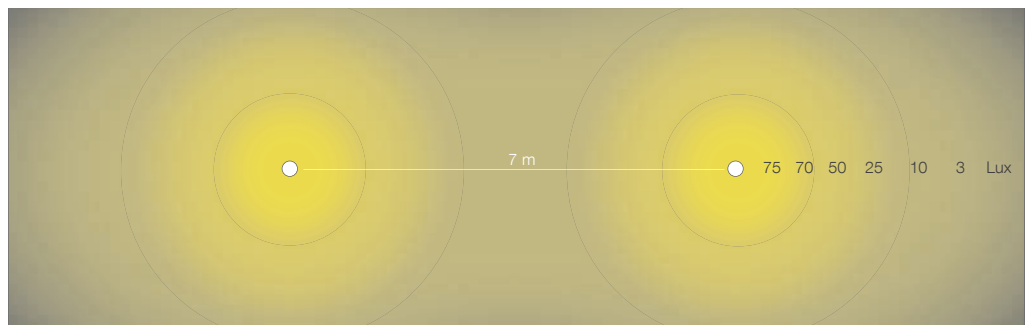


Surge-resistant power supply unit

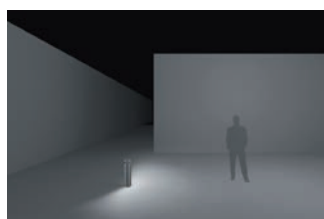
Light distributions

The iWay Super Comfort symmetrical optic on h1000 bollards ensures impressive lighting design performance.

The 360° luminous flux can be contained or guided using special aiming screens to restrict the light emission to smaller angles.



360° emission

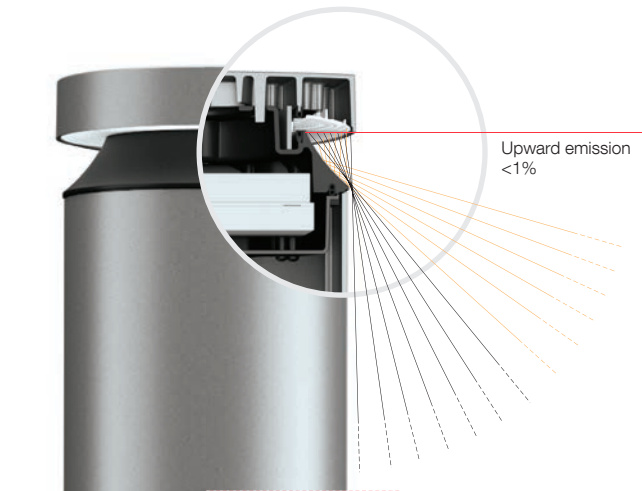


Screen for asymmetrical 180° emission

iWay Super Comfort

Visual comfort

Comfort increases the more the LED source is hidden from view. iWay Super Comfort has an Upward <1% emission and a completely shielded light source, thereby ensuring visual well-being in space.



Composition

The product comprises a bollard and an iWay Super Comfort luminaire to be ordered separately.

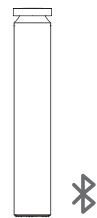


Bollard h169 + lighting body = h250
Bollard h529 + lighting body = h610
Bollard h919 + lighting body = h1000

BLE-DALI 4 Interface IP66

Smart device using the Bluetooth Low Energy protocol (integrated in the product) capable of activating management of lighting (smart light control) and the beacon (smart services: Space Management Push notification and Indoor Navigation).

* Interface X478 to be order separately.
Maximum spacing - 9m

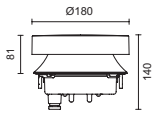


Forte Michelangelo - Civitavecchia, Italy

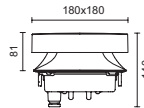
Architectural and lighting design:
Technical Office of the Port Authority
of Civitavecchia, Fiumicino and Gaeta
Photos: Riccardo Budini / Looma

new

Optic with 180° light emission: Available from July
Optic with 360° light emission: Available from June



source		system		optic	code colour
W	lm	W	lm		
Optics with 180 ° emission					
LED					
4000K - CRI 80 - DALI					
-	-	6W	330	E180°	EN98 04-15-F5
3000K - CRI 80 - DALI					
-	-	6W	330	E180°	EN96 04-15-F5
Optics with 360 ° emission					
LED					
4000K - CRI 80 - DALI					
-	-	13,1W	731	E360°	EN99 04-15-F5
3000K - CRI 80 - DALI					
-	-	13,1W	731	E360°	EN97 04-15-F5



source		system		optic	code colour
W	lm	W	lm		
Optics with 180 ° emission					
LED					
4000K - CRI 80 - DALI					
-	-	6W	330	E180°	EP02 04-15-F5
3000K - CRI 80 - DALI					
-	-	6W	330	E180°	EP00 04-15-F5
Optics with 360 ° emission					
LED					
4000K - CRI 80 - DALI					
-	-	13,1W	602	E360°	EP03 04-15-F5
3000K - CRI 80 - DALI					
-	-	13,1W	602	E360°	EP01 04-15-F5



h	code colour
Bollard	
169	EP13 04-15-F5
529	EP15 04-15-F5
919	EP17 04-15-F5

Height measurements refer to the bollard and base strip without the lighting body.



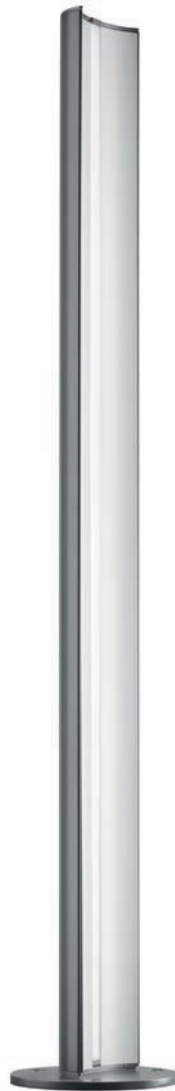
h	code colour
Bollard	
169	EP12 04-15-F5
529	EP14 04-15-F5
919	EP16 04-15-F5

Height measurements refer to the bollard and base strip without the lighting body.

Interfaces & remote units	code	colour
BLE-DALI 4 Interface		
2.4GHz - 4 DALI addresses max - Integrated beacon - VIN = 220-240Vac - dim. 235x80x68 mm	X478	00
Programming Interface DALI	MY92	00

Control gear	code	colour
Y connector with 5 poles IP68		
For the connection of the DMX or DALI signal cable and power supply cable	BZN7	00 Not suitable on h169mm
2-way junction connector - IP68	X188	00
4-way junction connector - IP68	X189	00
IP68 junction female connector		
5 poles - 50 / 120V	X554	04
2-way IP68 male/female junction connector		
5 poles - 250/400V - DMX	X566	04 Not suitable on h169mm

Mounting accessories	code	colour
Counter-plate with anchor bolts	B513	00
Support plate for Y-connector and BLE-Dali 4	X529	00



Underscore InOut Grin modular version available at page 671
The version presented in the "Linear façade illumination system" chapter envisages the combination of Underscore InOut and bollard.



h522



h1022



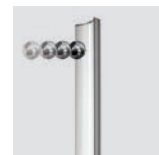
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- Outdoor lighting system with direct light. Can be installed on the ground and is intended for use with linear LED sources and general lighting optics
- The product comprises an optical compartment with LED circuit, the lamp compartment in extruded aluminium, steel base strip, two front covers in extruded aluminium and the top cover in steel sheet.
- The interior of the lamp compartment has two stainless steel rods secured to the base strip that ensure high impact resistance for the product.
- The product is anchored to the ground by a steel mounting base strip.

- The LED circuit (length L = 1004mm) is powered at 24Vdc (power supply to be ordered separately) and is completely encapsulated (IP68) with a very high performance polymer sheath, which allows use and installation even at extreme temperatures (-30 °C at + 45 °C). The opal coloured light emitting surface allows
- uniform, spot-free lighting through to the ends. The product is fitted, on both ends of the lamp compartment, with a cable (L = 80mm) with male connectors and an IP68 female connector with an anti-release lock nut
- The luminaire is enclosed at the top by a sheet metal cover.

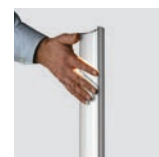
- The external parts undergo multi-step pre-treatment: the main stages are degreasing, fluoro-zircon protective surface coating and sealing (nano-structured silane layer). The subsequent painting stage involves primer and liquid acrylic paint cured at 150 °C to ensure high resistance to atmospheric agents and UV rays.
- The luminaire is secured on the ground/floor using anchor pads (on floors) or by a base strip and counter-plate with Dakromet-coated split bars with passivation surface treatment to ensure even better corrosion resistance (can be ordered separately).
- All external screws used are in A2 stainless steel.



Anti-vandalism diffuser and structure



Resistant to uprooting

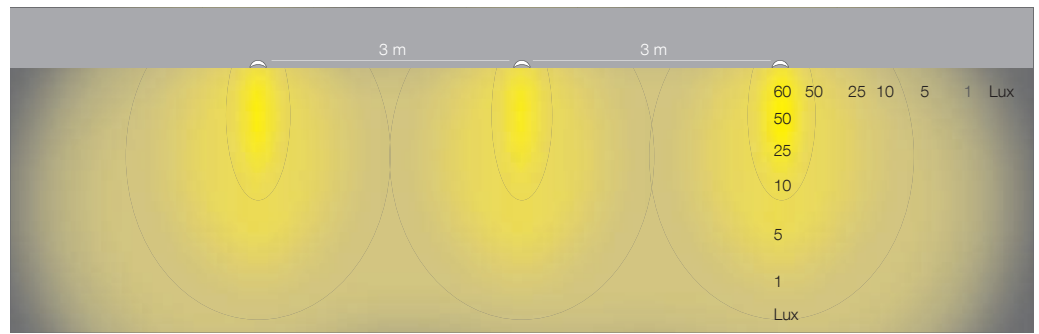


Temperature <50°



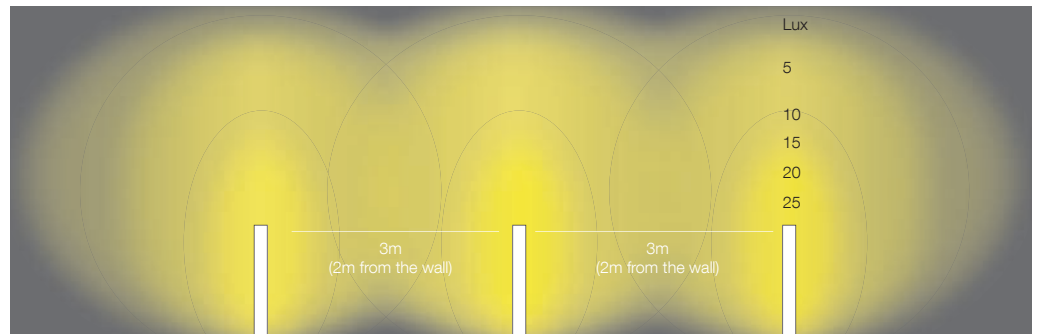
Lighting distribution
Direct light

Balance between horizontal and vertical lighting levels.



Lighting distribution
Indirect light


High visual comfort and shielded source.



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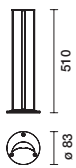
new
Available from July

new




source		system				code colour
W	lm	W	lm	h		
h510 bollard						
LED						
2900K - CRI 80 - PWM						
4,3W	138	4,3W	138	522	V380 15-F5	

Power supply to be ordered separately.































new



source		system				code colour
W	lm	W	lm	h		
h1010 bollard						
LED						
2900K - CRI 80 - PWM						
8,5W	275	8,5W	275	1022	V381 15-F5	

Power supply to be ordered separately.

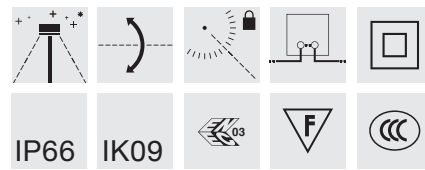
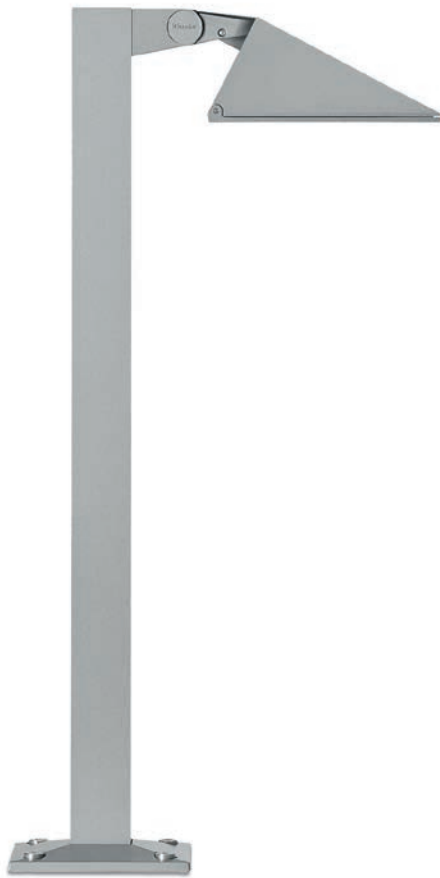


Interfaces & remote units		code	colour	Power supply		code	colour	Power supply		code	colour
	4-channel LED Driver with DALI-DMX 720W controller				Electronic constant tension power supply 50W 24V				Constant voltage power supply unit non dimmable track DIN 120W		
	VIN=12÷48Vdc VOUT=5-12-24-48V	9639	00		Iout=2A dim. 225x60x36h	MWK4	00		VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	BZK0	00
	PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3	00		Electronic constant tension power supply 70W 24V				VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	PC15	00
Control gear					IOUT=2,9A dim. 225x60x36h	MWK5	00		Constant voltage power supply unit non dimmable track DIN 240W		
	IP67 box for power supply				Constant voltage power supply unit non dimmable IP67 40W				VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912	00
	dim. 140x230x95h (6PG)	9582	00		VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions: 171x61,5x36,8	X182	00		Constant voltage power supply unit non dimmable track DIN 240W		
	dim. 280x190x130h (10PG)	BZ33	00		Constant voltage power supply unit non dimmable IP67 80W				VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	PC16	00
	Cable with female connector for monochromatic LEDs IP68 With anti-detachment locknut				VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions: 195,6x61,5x36,8	X183	00		Constant current power supply unit non dimmable track DIN 10W		
	L=115	X168	04		Constant voltage power supply unit non dimmable IP67 120W				VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93	9908	00
	L=1500	X169	04		VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 220x68x38,8	X184	00		Constant voltage power supply unit non dimmable track DIN 24W		
	L=3000	X170	04		Constant voltage power supply unit non dimmable IP67 185W				VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909	00
	L=5000	X171	04		VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions: 228x68x38,8	X185	00		Constant voltage power supply unit non dimmable track DIN 72W		
	Cable with male connector for monochromatic LEDs IP68 With anti-detachment locknut				Constant voltage power supply unit non dimmable IP67 240W				VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9910	00
	L=115	X172	04		VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 244,2x90x43,8	X186	00		Constant voltage power supply unit non dimmable track DIN 96W		
	L=1500	X173	04		Constant voltage power supply unit non dimmable IP67 320W				VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x68x105	9911	00
	2-way junction connector - IP68	X188	00		VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions: 252x90x43,8	X187	00		Constant voltage power supply unit non dimmable track DIN 480W		
	4-way junction connector - IP68	X189	00		Constant voltage power supply unit DALI IP20 100W				VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	BZK1	00
	Cap kit for IP68 connectors 10 units With anti-detachment band				VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30	MZ15	00		Constant voltage power supply unit non dimmable track DIN 96W		
	Female	X181	04		Constant voltage power supply unit IP20 96W				VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	PC17	00
	male	X180	04		VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22	MZ14	00				
Mounting accessories											
	Counter-plate with anchor bolts	JYX9	00								

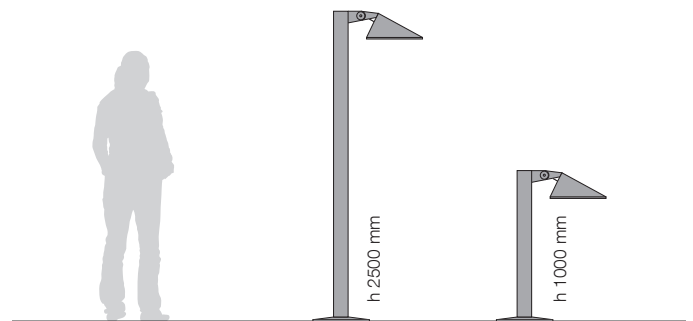




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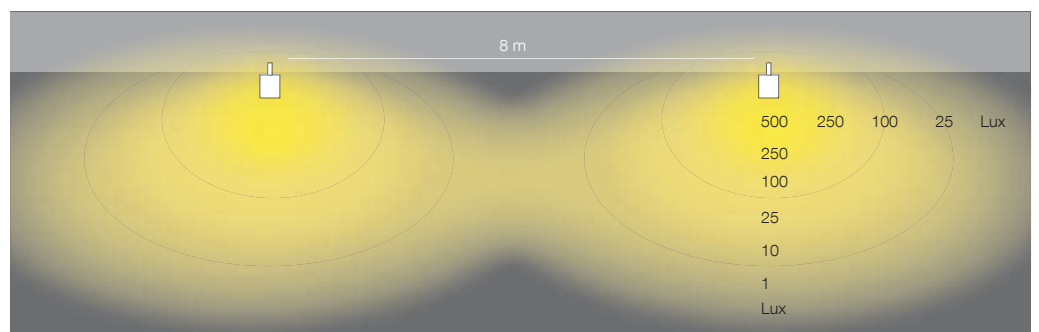


- Direct light luminaire designed for use with discharge, fluorescent, halogen and LED light sources.
- Pole-mounted versions available (h = 1000-2500).
- Optical compartment and frame in die-cast aluminium; 4 mm thick transparent tempered sodium-calcium closing glass, secured to the frame with silicone; frame fixed to assembly by two AISI 304 stainless steel captive screws and two AISI 303 stainless steel hinged pins; 50 Shore silicone seal between them; super-pure aluminium reflector.
- Pole-mounted versions comprising: support made of extruded aluminium, fastening plate and cover made of die-cast aluminium alloy.
- Dual adjustment of the optical compartment using a graduated scale and mechanical aiming lock.
- Luminaire ready for pass-through wiring.
- The luminous flux emitted in the upper hemisphere of the system in the horizontal position is null.
- All external screws used are in A2 stainless steel.



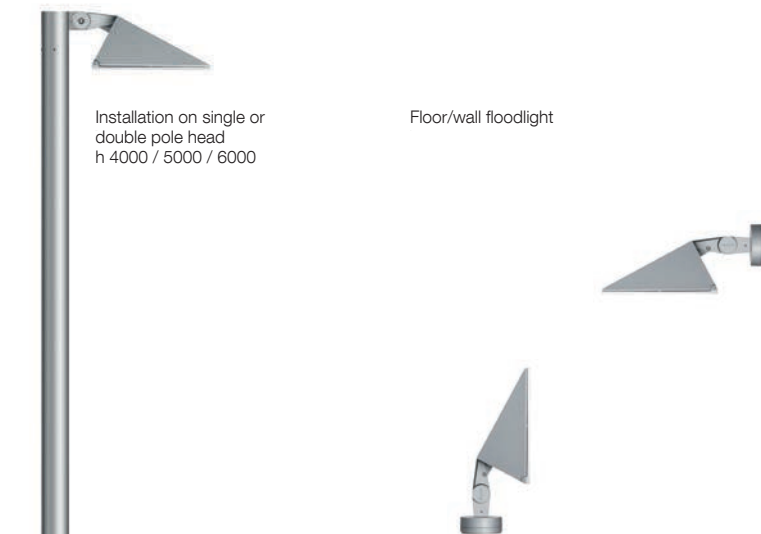
Lighting distribution

ST1 and A45 optics help achieve remarkable lighting performance on h1000 and poles.

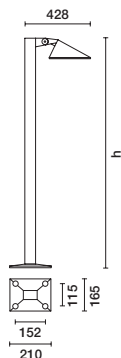


Versions

iTeka is available in as floodlight (page 744) and pole (page 584) versions





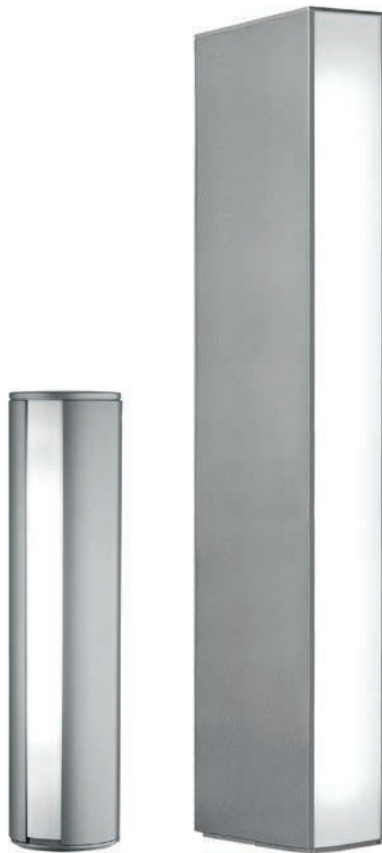
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source		system			code	colour
W	lm	W	lm	h		
H1000 - Floodlight complete with pole - ST1						
LED						
4000K - CRI 70						
20W	2550	23,8W	2550	1000	BU42	15
3000K - CRI 70						
20W	2470	23,8W	2470	1000	BV17	15
H2500 - Floodlight complete with pole - ST1C						
LED						
4000K - CRI 70						
20W	2360	23,8W	2360	2500	BU43	15
3000K - CRI 70						
20W	2280	23,8W	2280	2500	BV18	15

Control gear	code	colour
 IP66 box for pass-through cables	B510	00

Mounting accessories	code	colour
 Counter-plate with clamps for application on concrete plinth	B518	00
 Installation kit for concrete, solid brick and natural stone surfaces for pole versions	5596	00



ø 88
h 1170

76x203
h 1170



ø 88
h 610

76x203
h 610



ø 88
h 330

76x203
h 330



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- Direct light luminaire intended for use with LED light sources.
- Installation on the ground.
- High visual comfort.
- Body in extruded aluminium. die-cast aluminium alloy base for fixing to the ground; polycarbonate diffuser; die-cast aluminium outer cover; super-pure aluminium reflector.
- Counter-plate with split bars finished with Geomet for additional protection against corrosion (can be ordered separately).
- All accessible parts have a temperature below 50 °C.



Anti-vandalism diffuser and structure



Resistant to uprooting



Temperature <50°



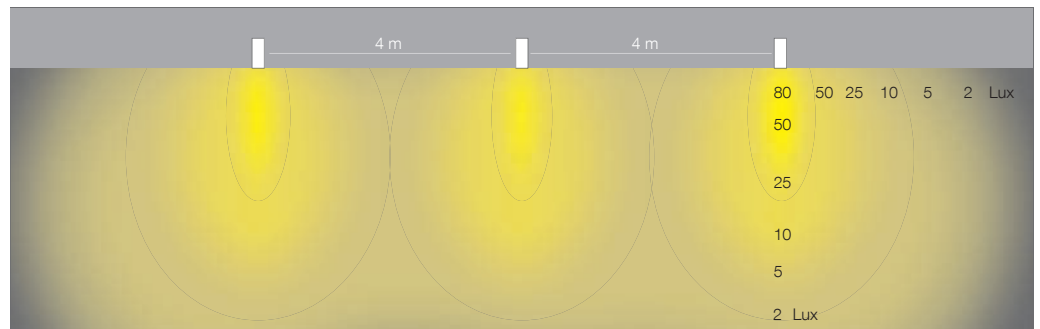
Transversal louvre

Light distributions

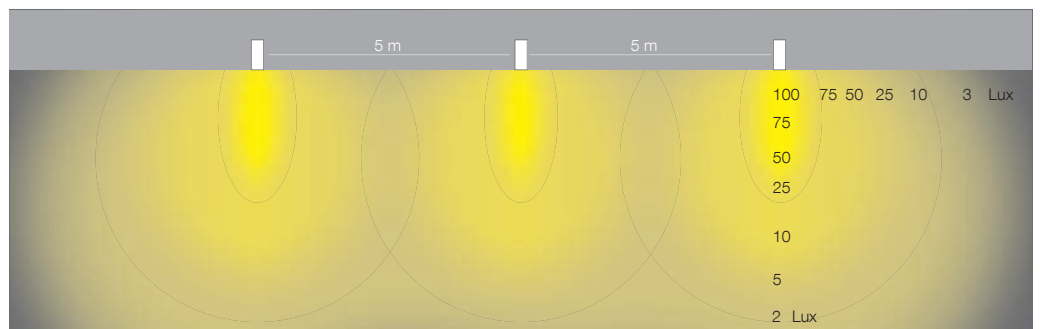
Pencil has a circular or rectangular cross-section, its appearance strongly influenced by the vertical line of the single or double diffuser screens. They can be mono- and dual-emission with an aperture of about 120°.

The transversal louvre grille reduces upward luminous flux.

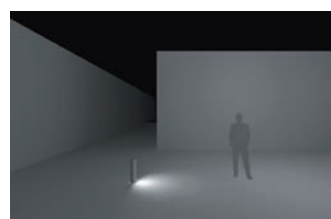
The dual-emission version with h1250 achieves high lighting performances as shown in the diagram.



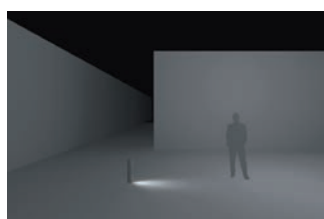
ø 88 - h 1170



76x203 - h 1170




Single light emission



Emission with transversal louvre

Pencil

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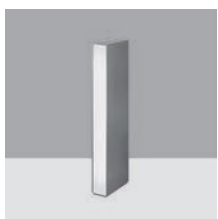


source		system			code	colour
W	lm	W	lm	h		
Single light emission						
LED						
3000K - CRI 80						
6W	880	7,8W	176	330	BN34	15
Complete with power supply						

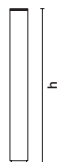


source		system			code	colour
W	lm	W	lm	h		
Single light emission						
LED						
3000K - CRI 80						
8,2W	1300	9,9W	260	610	BN35	15
Complete with power supply						

source		system			code	colour
W	lm	W	lm	h		
Single light emission						
LED						
3000K - CRI 80						
16W	2600	18,7W	520	1170	BN37	15
Complete with power supply						



source		system			code	colour
W	lm	W	lm	h		
Single light emission						
LED						
3000K - CRI 80						
6W	880	7,8W	229	330	BN39	15
Complete with power supply						



source		system			code	colour
W	lm	W	lm	h		
Single light emission						
LED						
3000K - CRI 80						
8,2W	1300	9,9W	338	610	BN40	15
Complete with power supply						

source		system			code	colour
W	lm	W	lm	h		
Single light emission						
LED						
3000K - CRI 80						
16W	2600	18,7W	676	1170	BN42	15
Complete with power supply						



ø88



76x203




ø88



76x203


Optical accessories

	code	colour	code	colour
 Crossways anti-glare louvre screen				
h=330	X031	04	X034	04
h=610	X032	04	X035	04
h=1170	X033	04	X036	04

Transparent screen

 Transparent screen				
h=330	X025	B6	X028	24
h=610	X026	B6	X029	24
h=1170	X027	B6	X030	24

Mounting accessories

	code	colour	code	colour
 Counter-plate with anchor bolts	B515	00	B517	00

Louvres must be installed in combination with the transparent screen

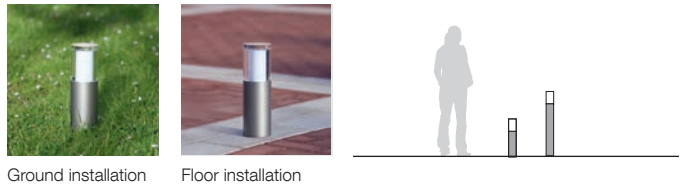


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- Diffused light luminaire intended for use with LED light sources.
- Available in walk-over versions.
- Comprising a body for components and a glass screen.
- Walk-over version: extruded aluminium external cylinder, component-holding compartment and lower base made of aluminium alloy; ground fixing base made of aluminium alloy with low copper content and high corrosion resistance. Ground/floor installation with anchoring plugs or cylindrical support made of galvanized steel complete with threaded inserts and stainless steel screws.
- All versions have an external sodium glass closure screen.
- Floor and ground installation system with counter-plate with anchor bolts and cylindrical installation system complete with screws.
- All external screws used are in A2 stainless steel.

Installations



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source	system		code	colour		
	W	lm				
Floor installation						
LED						
3000K - CRI 80						
10W	1350	14,4W	662	335	E048	15
LED (E27) - TC-TSE (E27)						
Electronic						
5/5.5W (LED)		335		BE08	15	
11W (TC-TSE)						
Class of Insulation I						
Complete with LED E27 lamp						

source	system		code	colour		
	W	lm				
Floor installation						
LED						
3000K - CRI 80						
10W	1350	14,4W	662	1005	E049	15
LED (E27) - TC-TSE (E27)						
Electronic						
5/5.5W (LED)		1005		BE10	15	
11W (TC-TSE)						
Class of Insulation I						

Control gear	code	colour
Sealed connector kit IP68 for low voltage	9581	04
IP66 box for pass-through cables	B512	00 For BE10-E049

Mounting accessories	code	colour
Counter-plate with anchor bolts	B514	00



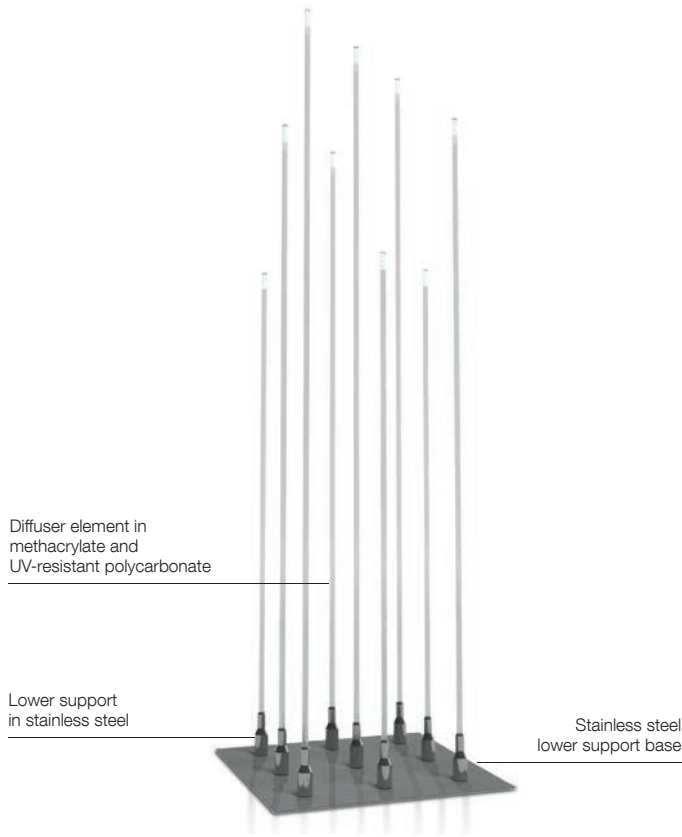
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IP66

IP67

IK07



- Luminaire intended for use with LED light sources.
- Comprising diffuser elements complete with lower support for multiple installation on a base or single unit with a spike.
- Diffuser elements in dual plastic tubes (methacrylate inside, polycarbonate outside); ϕ 16 mm, h=1500 mm.
- Lower support in stainless steel complete with 1.5 W Neutral White power LED circuit. Optic with plastic lens.

Version with multiple installation base:

- Support base in stainless steel with multi-hole top plate (to be ordered separately), complete with junction box to simplify wiring.
- Electronic power supplies and relative IP housing boxes (to be ordered separately).
- Before installing the base, prepare a concrete plinth and, if necessary, also implement a drainage channel.
- All external screws used are in A2 stainless steel.
- IP66 IK07 on the visible body of the recessed luminaire after installation of the product.

Version with spike:

- Spike in thermoplastic material; electronic power supply and terminal board included; double PG11 polyamide cable gland, suitable for cables having diameters of
- 6.5÷11.5 mm.
- IP67 IK07

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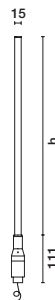
source W	system		h	code	colour
	W	lm			
Ground installation					
LED					
4000K - CRI 80					
1,5W	50	3,4W 50	1000	ADT0	13
1,5W	50	3,4W 50	1300	ADT1	13
1,5W	50	3,4W 50	1500	ADT2	13

Complete with power supply and pass-through cables
Class of Insulation II



source W	system		h	code	colour
	W	lm			
Installation on multiple support base					
LED					
4000K - CRI 80					
1,5W	50	1,5W 50	1000	ADT3	13
1,5W	50	1,5W 50	1300	ADT4	13
1,5W	50	1,5W 50	1500	ADT5	13

Power supply to be ordered separately
Complete with exiting cable L=3000



Docteur Pierre Complex – Nanterre, France

Client: PRD Group
Architectural Project:
Reichen et Robert et Associés
Landscape architecture:
Format Paysage - Sophie Boichat Lora
Photo: Luc Boegly

Power supply code colour

Constant current power supply unit non dimmable IP20 7W
VIN = 100-240VAC 50/60Hz
Iout = 500mA dimensions: 42x40x22 **BZ98** 00

Constant current power supply unit non dimmable IP20 20W
VIN = 220-240VAC 50/60Hz
Iout = 500mA dimensions: 119x38x28 **BZA0** 00

Mounting accessories code colour

Multiple support base (max 9 elements) dim. 500x500x126h **T415** 13

Control gear code colour

IP68 box for multiple connections dim. 135x82x70h **B915** 04

Control gear code colour

Junction box IP68 **BZG8** 00

IP67 box for power supply dim. 140x230x95h (6PG) **9582** 00

2-way connector with 2 pole terminal **BZH0** 00

Sealed connector kit IP68 for low voltage **9581** 04





Wall and ceiling-mounted luminaires

Compact brightness

The installation of wall and ceiling-mounted luminaires is intended to create general and highlight lighting solutions where the body of the system is hidden and only light emerges from the ceiling.

Reliable and resistant to atmospheric agents and acts of vandalism.

874 Overview - Wall/ceiling luminaires

876 Laser Blade InOut

879 Trick

886 iPro

898 iRoll 65

904 Walky

847 Lander

864 iTeka

Royal Opera House - London, United Kingdom

Architectural project: Stanton Williams

Lighting project: Studio Fractal

Structural design: Arup / Robert Bird Group

Photo: James Newton



Overview - Wall/ceiling-mounted luminaires

Wall/ceiling-mounted luminaires



876 Laser Blade
InOut ceiling



876 Laser Blade
InOut wall



889 iPro
Ø251 / Ø281



892 iPro
Ø132 / Ø155 / Ø192



898 iRoll 65
Ø78 / Ø109



902 iRoll 65
Ø165 / Ø218

Performances

Optics	12°/30°/48°	47°/50° 46°/44°	30°/32°/34°/78°/L	32°/44°/46°/47° 76°/77°/80°/81°	8°/14°/16°/32°/40°	14°/16°/35°/50°
Power	5,7/12,4	5,7/12,4	4,2 → 7,7	13,9 → 26,6	6,2 → 16,8	28,4/41,2
Luminous flux lm	255/759	241/690	64 → 527	1330 → 3119	281 → 1261	2084 → 4020
Colour temperature K	2700/3000/4000	2700/3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
RGB						
Protocols						
DALI			•	•		
DMX				•		
Installation						
Recessed						
Ceiling-mounted	•		•	•	•	•
Wall-mounted		•	•	•	•	•

Specific lighting effect luminaires



880 Trick
radial effect



882 Trick
Light Blade effect



884 Trick
Washer effect



889 iPro
Ø251 / Ø281
up light or down light



889 iPro
Ø251 / Ø281
up/down light

Performances

Optics	R	L	W	86°	L-L / L-84° 84°-84°
Power	6 → 13,6	6	3/3,9	3,2/4,2	4,5 → 7,6
Luminous flux lm	252 → 448	29 → 108	164	41 → 200	32 → 111 Up 31 → 123 Down
Colour temperature K	3000	3000	3000	3000/4000	3000/4000
RGB		•			
Protocols					
DALI	•	•		•	
DMX	•	•			
Installation					
Recessed					
Ceiling-mounted					
Wall-mounted	•	•	•	•	•

Optics: R Radial Light - L Light Blade - W Washer - AL Longitudinal asymmetric



904 Walky
wall



904 Walky
wall



904 Walky
wall

AL	AL	AL
4,6 → 11,5	4,6 → 11,5	12
107 → 419	107 → 419	324/336
2700/3000	2700/3000	2700/3000

•	•	•
•	•	•



847 Lander



864 iTeka

Codes, technical and lighting characteristics of these **"wall- and ceiling-mounted"** devices are presented in the section:

- Bollards and Systems for residential areas page 835

Laser Blade InOut

ceiling / wall



50x83



50x158



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IP65

IK06



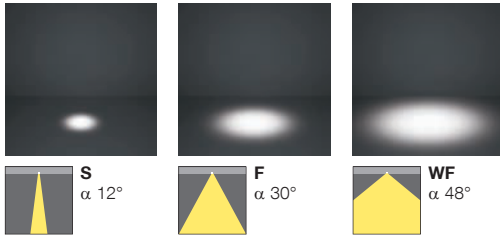
- Rectangular outdoor lighting device with two or five optical elements and LED light sources.
- Version for wall mounting (with up or down emission) or ceiling (suspended).
- Comprises an optical compartment, upper base strip, cover casing (wall version), wall or ceiling plate, lower closure glass with black screen printing.
- Optical compartment and upper base strip in painted, die-cast aluminium.
- Cover casing in painted plastic (wall version).
- Ceiling or wall support plate in stainless steel.
- Single PG11 nickel-plated brass cable gland, suitable for cables of 6.5 ÷ 11mm in diameter.
- Wiring by means of three quick-connect terminals.
- High-definition OPTI BEAM optics made of metallised thermoplastic material, integrated in the innovative black antiglare screen that defines emission with luminance control UGR<19.
- The special configuration of the optical system delivers a precise circular distribution without punctiform optical effect.
- High visual comfort



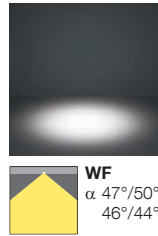
47
WHITE/BLACK

74
GREY/BLACK

Ceiling-mounted optic version



Wall-mounted optic version



Laser Blade InOut wall-mounted has a specific lens to ensure uniform illumination on the wall avoiding dark areas or uneven spots



Ceiling-mounted



Wall-mounted



Wall Up light



The Laser Blade InOut recessed luminaire version can be consulted on page 820

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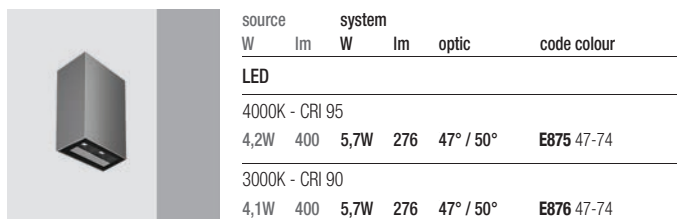
source	system		optic	code	colour
	W	lm			
LED					
4000K - CRI 95					
4,2W	400	5,7W	291	30°	E881 47-74
3000K - CRI 90					
4,1W	400	5,7W	291	30°	E882 47-74
2700K - CRI 95					
4,2W	350	5,7W	255	30°	E883 47-74
Complete with electronic control gear					

source	system		optic	code	colour
	W	lm			
LED					
4000K - CRI 95					
10W	1000	12,4W	759	48°	E884 47-74
3000K - CRI 90					
10W	1000	12,4W	689	12°	E885 47-74
10W	1000	12,4W	759	48°	E886 47-74
2700K - CRI 95					
10W	860	12,4W	592	12°	E887 47-74
10W	860	12,4W	653	48°	E888 47-74
Complete with electronic control gear					

Laser Blade InOut

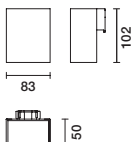
ceiling / wall

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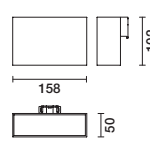
source		system			optic	code colour
W	lm	W	lm			
LED						
4000K - CRI 95						
4,2W	400	5,7W	276	47° / 50°	E875	47-74
3000K - CRI 90						
4,1W	400	5,7W	276	47° / 50°	E876	47-74
2700K - CRI 95						
4,2W	350	5,7W	241	47° / 50°	E877	47-74

Complete with electronic control gear



source		system			optic	code colour
W	lm	W	lm			
LED						
4000K - CRI 95						
10W	1000	12,4W	690	46° / 44°	E878	47-74
3000K - CRI 90						
10W	1000	12,4W	690	46° / 44°	E879	47-74
2700K - CRI 95						
10W	860	12,4W	593	46° / 44°	E880	47-74

Complete with electronic control gear



Control gear

code	colour
------	--------



Junction box with rapid connectors

Suitable for 2x4 mm² cables

BZK7 15
For E881-E882-E883-E884-
E885-E886-E887-E888



wineBANK - Cologne, Germany
Client: Vermietungsgemeinschaft Frey
Lighting project: arens faulhaber
lichtplaner
Photo: Jens Kirchner

Awards

Red Dot Award /
Compasso d'Oro Menzione d'Onore /
Lighting Design Award / World Interiors Awards
Lux Awards / Premis Delta

Radial Effect
page 880



Light Blade Effect
page 882



Washer Effect
page 884



360°
RGB



360°



L/L



180°



ø110
Surface-
mounted



ø90
Surface-
mounted



ø90
Surface-
mounted



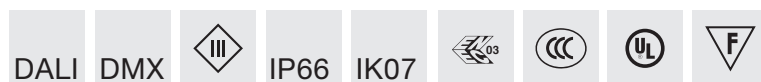
ø90
Surface-
mounted



ø160
Surface-
mounted



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- Luminaire intended for warm white colour temperature. LED light sources.
- Recessed luminaire (ø 45 mm) and applique (ø 90 ø 160) versions.
- Applique versions have a screen and base support strip. PMMA screen, die-cast aluminium

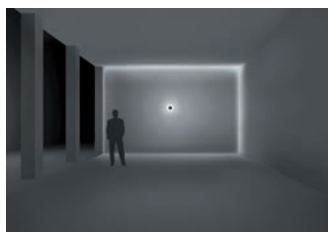
- supporting base, stainless steel plate for fixing to wall, supplied with L=400 mm cable (except versions with power supply).
- Versions with and without built-in power supply unit.
- Compatible with light management systems.

- Contact temperature <50 °C.
- Compact dimensions.
- All external screws used are in A2 stainless steel.

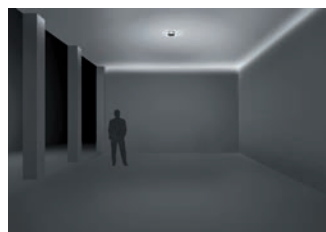
Lighting effect

Radial 360°

The optic highlights spaces with highly concentrated lines of light.



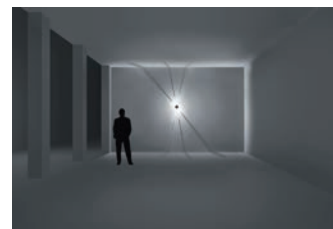
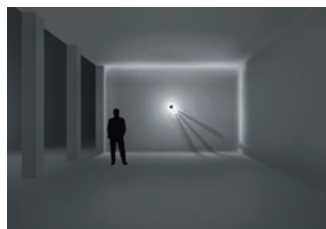
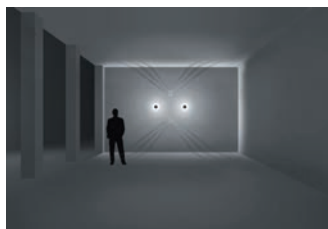
360° effect with wall application



360° effect with ceiling application

Shadow lines

To create and play with shadows, cylindrical accessories are available for installation on the surface illuminated by radial light.





***E4**
WHITE/CHROME



***E5**
WHITE/GREY



01
WHITE



***10**
CHROME



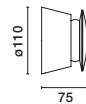
15
GREY



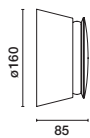
source		system		code	colour
W	lm	W	lm		
360° effect - Surface-mounted					
LED					
3000K - CRI 80					
5,7W	700	6W	252	BU10	01-15
Power supply 350 mA to be ordered separately. Colour 10: for interior applications only					



source		system		code	colour
W	lm	W	lm		
360° effect - Surface-mounted					
LED					
3000K - CRI 80					
5,7W	700	7,2W	252	BU17	01
Complete with power supply Class of Insulation II					



source		system		code	colour
W	lm	W	lm		
360° effect - Surface-mounted					
LED					
3000K - CRI 80					
11W	1400	13,6W	448	BU23	01
Complete with power supply Class of Insulation II					



Devices without power supply units are compatible with the light management system presented on page 910

Decorative accessories



Trick bits

code	colour
X021	13
ø 9 mm - h 25 mm	
X022	13
ø 13 mm - h 25 mm	

Power supply



Constant current power supply unit non dimmable IP20 7W

VIN = 100-240VAC 50/60Hz
Iout = 350mA/500mA
dimensions: 42x40x22

code colour

9905 00
For BU10



Constant current power supply unit non dimmable IP20 17W

VIN = 220-240VAC 50/60Hz
Iout = 350mA
dimensions: 122x38x28

9907 00



Constant current power supply unit DALI IP20 20W

VIN = 110-127/220-240VAC 50/60Hz Iout = 350/500/700mA dimensions: 110x52x22

X090 00
For BU10

Control gear



IP67 box for power supply

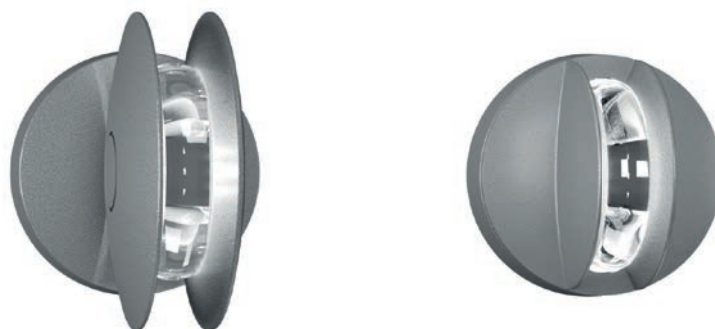
dim. 140x230x95h (6PG) **9582** 00

dim. 280x190x130h (10PG) **BZ33** 00
For BU10

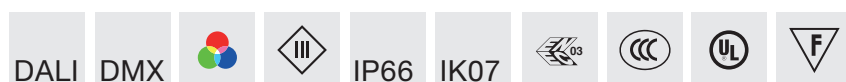
Trick

Light Blade effect

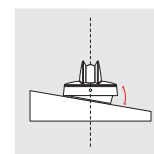
design Dean Skira



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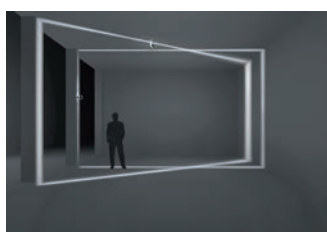
- Luminaire intended for warm white and RGB colour temperature. LED light sources.
- Applique versions (ø 90 mm).
- Comprises screen and base support strip. PMMA screen, die-cast aluminium supporting base, stainless steel plate for fixing to wall, supplied with L=400 mm cable (except versions with power supply).
- Versions with and without built-in power supply unit.
- Available with 360° Blade, 180° Blade and Blade-Blade optics.
- Available as RGB version with 360° optic
- Compatible with light management systems.
- Contact temperature <50 °C.
- Compact dimensions.
- All external screws used are in A2 stainless steel.



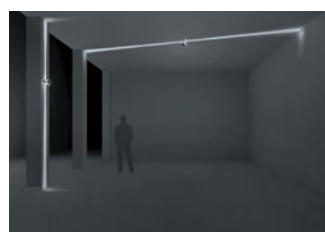
Adjustable base strip for oblique surfaces

Lighting effects

Blade 360° and Blade-Blade optics (versions BU27 and BU28) and 180° Blade (versions BU16 and BU22) provide new ways of leading the eye through spaces.



360° effect



L/L effect



180° effect

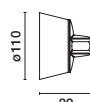
source	system		code colour	
	W	lm		W
180° Blade Effect - Surface-mounted				
LED				
3000K - CRI 80				
2,9W	350	3W	88	BU16 01-15


Power supply 350 mA to be ordered separately.



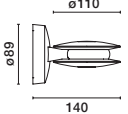
source	system		code colour	
	W	lm		W
180° Blade Effect - Surface-mounted				
LED				
3000K - CRI 80				
2,9W	350	3,9W	88	BU22 01-15

Complete with power supply
Class of Insulation II






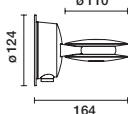
source		system		code	colour
W	lm	W	lm		
360° Blade Effect - Surface-mounted					
LED					
3000K - CRI 80					
5,7W	720	6W	108	BU27	01-15
RGB - DMX-RDM					
6W	160	6W	35	BW06	01-15
Power supply 350 mA to be ordered separately.					
Light Blade Effect - Surface-mounted					
LED					
3000K - CRI 80					
5,7W	720	6W	29	BU28	01-15
Power supply 350 mA to be ordered separately.					












new



source		system		code	colour
W	lm	W	lm		
360° Blade Effect - Surface-mounted					
LED					
RGB - DMX-RDM					
6W	160	6W	35	JYX3	01-15
48Vdc power supply to be ordered separately.					
Light Blade Effect - Surface-mounted					
LED					
3000K - CRI 80					
5,7W	720	6W	29	BU28	01-15
Power supply 350 mA to be ordered separately.					



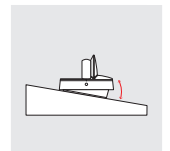
Mounting accessories	code	colour	Power supply	code	colour	Power supply	code	colour
 Adjustable base strip	MZ53	13	 Constant current power supply unit non dimmable IP20 20W			 Constant voltage power supply unit non dimmable track DIN 480W		
		For BU16-BU27-BU28-BW06						
 Spike for ground / garden application with driver	X475	00	VIN = 220-240VAC 50/60Hz Iout = 350mA/500mA/700mA dimensions: 110x52x22	X020	00	VIN = 90-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	BZ16	00
			For BU16-BU27-BU28					For BW06-JYX3
Interfaces & remote units	code	colour	Electronic power supply for Trick RGB	MZ74	00	VIN = 90-264VAC 47/63Hz Vout = 48V-55V IMAX = 10A dimensions: 85x128x125	PC14	00
 Driver for Trick mounting DMX RGB	X295	00						For BW06
		For BW06	Constant current power supply unit DALI IP20 20W			Power supply IP65 240W		
 Driver for Trick DMX with IP67 box	MZ72	00	VIN = 110-127/220-240VAC 50/60Hz Iout = 350/500/700mA dimensions: 110x52x22	X090	00	VIN = 90-305VAC 47/63Hz Vout = 48Vdc (44,8-51,2Vdc) dimensions: 244x68x38,8	X404	00
		Per BW06			For BU16-BU27-BU28			
Control gear	code	colour	Constant voltage power supply unit non dimmable track DIN 120W			Power supply IP65 480W		
 IP67 box for power supply			VIN = 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	BZ14	00	VIN = 90-305VAC 47/63Hz Vout = 48Vdc (40,8-50,4Vdc) dimensions: 262x125x43,8	X405	00
dim. 140x230x95h (6PG)	9582	00			For BW06-JYX3			
dim. 280x190x130h (10PG)	BZ33	00	VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 2,5A dimensions: 40x114x125	PC12	00			
		For BU16-BU27-BU28-BW06-JYX3			For BW06	IP67 electronic ballast 120W		
 Sealed connector kit IP68 for low voltage	9581	04				VIN = 90-305VAC 47/63Hz Vout = 48Vdc (43-53Vdc) dimensions: 220x68x38,8	X403	00
			Constant voltage power supply unit non dimmable track DIN 240W					
Power supply	code	colour	VIN = 100-240VAC 50/60Hz Iout = 350mA/500mA dimensions: 42x40x22	9905	00			
			For BU16-BU27-BU28					
 Constant current power supply unit non dimmable IP20 17W			VIN = 88-264VAC/DC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	BZ15	00			
					For BW06-JYX3			
VIN = 220-240VAC 50/60Hz Iout = 350mA dimensions: 122x38x28	9907	00						
			VIN = 88-264VAC 47/63Hz Vout = 48V-55V IMAX = 5A dimensions: 63x114x125	PC13	00			
					For BW06			



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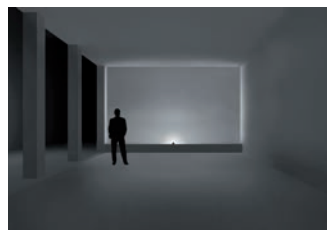
- Luminaire intended for warm white colour temperature. LED light sources.
- Applique versions have a screen and base support strip. PMMA screen, die-cast aluminium supporting base, stainless steel plate for fixing to wall, supplied with L=400 mm cable (except versions with power supply).
- Versions with and without built-in power supply unit.
- Wall-washer optic.
- Compatible with light management systems.
- Contact temperature <50 °C.
- Compact dimensions.
- All external screws used are in A2 stainless steel.




Adjustable base strip for oblique surfaces


Lighting effects

The Washer optic gives a wall washer effect using a miniaturized luminaire camouflaged in the area where it is installed.

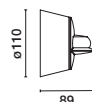


source		system		code	colour
W	lm	W	lm		
Washer effect - Surface-mounted					
LED					
3000K - CRI 80					
2,9W	350	3W	164	BU14	01-15
Power supply 350 mA to be ordered separately.					



source		system		code	colour
W	lm	W	lm		
Washer effect - Surface-mounted					
LED					
3000K - CRI 80					
2,9W	350	3,9W	164	BU21	01-15
Complete with power supply Class of Insulation II					



Mounting accessories	code	colour
 Adjustable base strip	MZ53	13
	For BU14	




Spike for ground / garden application with driver	X475	00
---	-------------	----


Control gear	code	colour
--------------	------	--------




IP67 box for power supply		
dim. 140x230x95h (6PG)	9582	00

dim. 280x190x130h (10PG)	BZ33	00
	For BU14	

Power supply	code	colour
 Constant current power supply unit non dimmable IP20 7W		
VIN = 100-240VAC 50/60Hz Iout = 350mA/500mA dimensions: 42x40x22	9905	00
	For BU14	

 Constant current power supply unit non dimmable IP20 17W		
VIN = 220-240VAC 50/60Hz Iout = 350mA dimensions: 122x38x28	9907	00

 Constant current power supply unit DALI IP20 20W		
VIN = 110-127/220-240VAC 50/60Hz Iout = 350/500/700mA dimensions: 110x52x22	X090	00
	For BU14	

Ceiling-mounted

∅ 51



∅ 81



∅ 132



Wall-mounted

∅ 51



∅ 81



∅ 132



Lighting effect



Down light
L



Down light
L



Up / Down light
L/F
VWF/VWF
L/L

∅ 155



∅ 192



∅ 155



∅ 192



Floodlights

The complete range and technical and lighting features are presented on page 714



∅ 51



∅ 81



∅ 132



∅ 155



∅ 192





∅ 51



∅ 81



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IP66



IK07



- Floodlight luminaire intended for use with LED light sources.
- Wall and ceiling installation.
- Optical compartment, upper cap for ceiling installation and side base strip for wall installation in die-cast aluminium; transparent tempered sodium-calcium sealing glass, 4 mm thick, applied with silicon on the optical assembly.

- All products are complete with thermoplastic high reflection lenses or luminous flux recovery units.
- Body versions ∅81 complete with electronic power supply (Vin 100 ÷ 240Vsc 50 / 60Hz); body ∅51 with electronic power supply to be ordered separately (500/700mA, versions CLIII) except for wall-mounted up/down light.

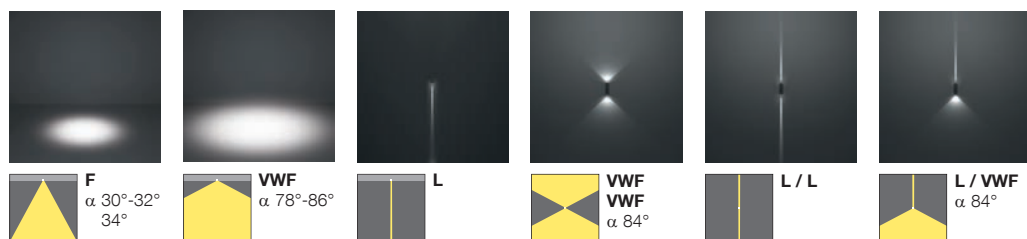
- Luminaire ready for pass-through wiring.
- All external screws used are in A2 stainless steel.



Compact dimensions




Optics



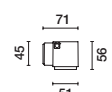

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Wall-mounted versions

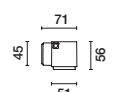



source		system				optic	code colour
W	lm	W	lm				
□ 51 - Wall-mounted - Up light or Down light							
LED							
4000K - CRI 80							
3,2W	370	3,2W	200	86°			BK04 01-15
3000K - CRI 80							
3,2W	370	3,2W	200	86°			BK05 01-15

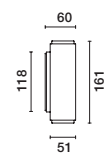

Power supply to be ordered separately to 500mA
Power supply codes max 700mA (for the a 500mA data refer to the on-line catalogue)

source		system				optic	code colour
W	lm	W	lm				
□ 51 - Wall-mounted - Up light or Down light							
LED							
4000K - CRI 80							
4,2W	590	4,2W	41	L			BK02 01-15
3000K - CRI 80							
4,2W	590	4,2W	41	L			BK03 01-15

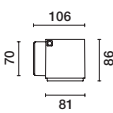




source		system				optic	code colour
W	lm	W	lm				
□ 51 - Wall-mounted - Up/down light							
LED							
4000K - CRI 80							
2W	205 up	4,5W	111 up	84°			BK10 01-15
	205 down		110 down	84°			
4W	127 up	6W	33 up	L			BK12 01-15
	473 down		123 down	84°			
3000K - CRI 80							
2W	205 up	4,5W	111 up	84°			BK11 01-15
	05 n		110 down	84°			
4W	127 up	6W	33 up	L			BK13 01-15
	473 down		123 down	84°			

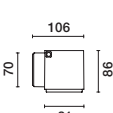

source		system				optic	code colour
W	lm	W	lm				
□ 81 - Wall-mounted - Up light or Down light							
LED							
4000K - CRI 80							
6,2W	810	7,7W	494	32°			BK31 01-15
6,2W	810	7,7W	437	78°			BU38 01-15
3000K - CRI 80							
6,2W	810	7,7W	494	32°			BK32 01-15
6,2W	810	7,7W	437	78°			BU39 01-15

Complete with power supply
Class of Insulation II

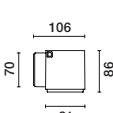
source		system				optic	code colour
W	lm	W	lm				
□ 51 - Wall-mounted - Up/down light							
LED							
4000K - CRI 80							
5W	397 up	7,6W	32 up	L			BK08 01-15
	393 down		31 down	L			
3000K - CRI 80							
5W	397 up	7,6W	32 up	L			BK09 01-15
	393 down		31 down	L			

Complete with power supply and exit cable
Class of Insulation II

source		system				optic	code colour
W	lm	W	lm				
□ 81 - Wall-mounted - Up light or Down light							
LED							
4000K - CRI 80							
6,1W	800	7,7W	64	L			BK29 01-15
3000K - CRI 80							
6,1W	800	7,7W	64	L			BK30 01-15

Complete with power supply
Class of Insulation II





01
WHITE

15
GREY

Ceiling versions



source		system		optics	code	colour
W	lm	W	lm			

□ 51 - Ceiling-mounted

LED

4000K - CRI 80

4,2W 590 4,2W 348 34° **BK06** 01-15

3000K - CRI 80

4,2W 590 4,2W 348 34° **BK07** 01-15

Power supply to be ordered separately to 500mA



source		system		optics	code	colour
W	lm	W	lm			

□ 81 - Ceiling-mounted

LED

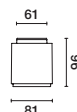
4000K - CRI 80

6,2W 810 7,7W 527 30° **BK33** 01-15

3000K - CRI 80

6,2W 810 7,7W 527 30° **BK34** 01-15

Complete with power supply
Class of Insulation II



Control gear



Junction box with rapid connectors

Suitable for 2x4 mm² cables

BZK7 15

--- ---



IP67 box for power supply

dim. 140x230x95h (6PG)

9582 00
for BZM4-X214-X217-
X434-X435

--- ---



2-way connector with 2 pole terminal IP68

Suitable for 2x2.5 mm² cables

BZK6 00

--- ---



Sealed connector kit IP68 for low voltage

9581 04

9581 04

Power supply



Constant current power supply unit non dimmable IP20 7W

V_{IN} = 100-240VAC 50/60Hz
I_{out} = 500mA dimensions:
42x40x22

BZ98 00

--- ---



Constant current power supply unit non dimmable IP20 17W

MXF9 00

For BK05

--- ---



Constant current power supply unit non dimmable IP20 20W

V_{IN} = 220-240VAC 50/60Hz
I_{out} = 500mA dimensions:
119x38x28

BZA0 00

--- ---



Constant current power supply DALI IP20 50W

V_{IN} = 220-240VAC 50/60Hz
I_{out} = 350÷1050mA
dimensions: 125x80x22

BZM4 00

--- ---

Power supply



Constant current power supply unit DALI with outgoing cables IP68 35W

V_{IN} = 110-240VAC 50/60Hz I_{out} = 500mA dim. 180x90x68

X216 00

--- ---



Constant current power supply unit DALI/Step-Dim/Middle of the night profile IP20 40W

V_{IN} = 120-277VAC 50/60Hz
I_{out} = 500mA dimensions:
123x79x33

X214 00

--- ---



Constant current power supply - IGBT + TRIAC IP20 24W

V_{IN} = 220÷240VAC 50/60Hz
I_{out} = 150÷500mA dimensions:
166x33,5x34

X434 00

--- ---



Constant current power supply unit DALI with outgoing cables IP68 60W

V_{IN} = 110-240VAC 50/60Hz I_{out} = 1050mA dim. 180x90x68

X433 00

--- ---



Non-dimmable constant current power supply IP20 42W

V_{IN} = 220÷240VAC 50/60Hz
I_{out} = 300÷1050mA dimensions:
97x42,5x30

X435 00

--- ---



Dimmable electronic power supply unit DALI/Step-Dim/Middle of the night profile IP20 60W

V_{IN} = 220-240VAC 50/60Hz
I_{out} = 500mA dimensions:
133x76x39

X217 00

--- ---

∅ 132 / ∅ 155 / ∅ 192



∅ 132



∅ 155



∅ 192



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- Direct light floodlight luminaire intended for use with LED light sources.
- Wall, ceiling, floor and pole installation using a bracket.
- Optical compartment and front frame in die-cast material; 5 mm thick tempered, transparent, sodium-calcium safety glass secured to frame with silicone.
- Bracket in extruded aluminium with screen-printed graduated scale to facilitate aiming operations.

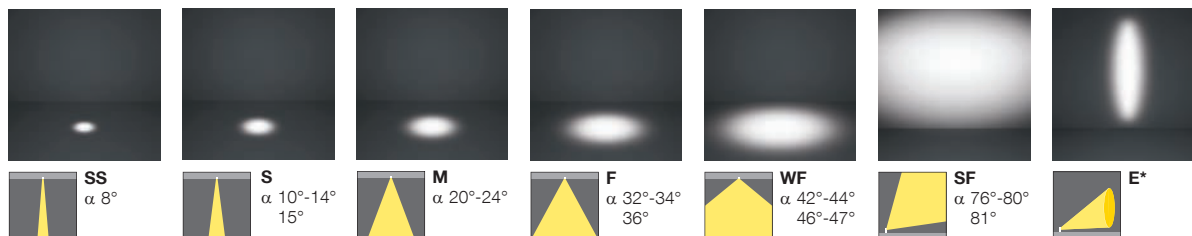
- Internal gaskets water-sealed with silicone;
- Circular and asymmetrical longitudinal reflectors in 99.93% super-pure aluminium c/w anodising and polishing process.
- Asymmetrical transverse reflector in 99.85% super-pure aluminium c/w anodising process.
- High luminous yield .
- Multichip optics, Opti Beam Lens, Opti Beam Reflector and Opti Smart Reflector

- Monochromatic LED versions with 9/16/25 LED circuit, optics with plastic lens, glass with customised screen-printing and built-in electronic 100-265Vac 50 / 60Hz power supply.
- RGBW and Tunable white LED versions complete with power supply and DMX512-RDM electronic control board.
- Monochromatic, Tunable White (DALI and DMX) COB versions
- Graduated scale with mechanical aiming lock.

- Luminaire ready for pass-through wiring.
- Class II luminaire pre-set for class I
- All external screws used are in A2 stainless steel.

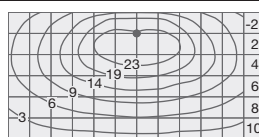
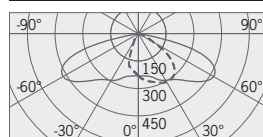
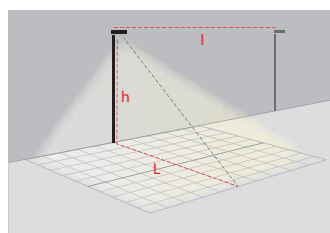
01
WHITE15
GREY

Optics



* Elliptical optics are obtained by installing the specific accessory.

ST - Road optics

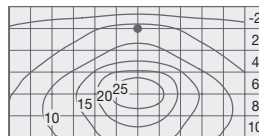
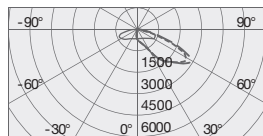
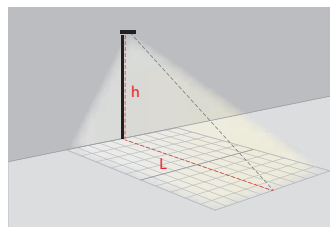


ST1

Street Optic for intense vehicle traffic, urban and suburban areas
 $l = 4h$
 $d = 1$
Intensity Class: G*4(Reflector)

$d = L/h$
 h = Installation height
 L = Width of area to illuminate
 l = Distance between poles

A - Asymmetric optic



A60

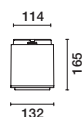
60° Asymmetric Optic for parking areas and large open spaces
 $h = 7$
 $d = 2$

$d = L/h$
 h = Installation height
 L = Width of area to illuminate

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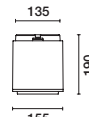
new
Available

Ceiling versions



source	system		optic	code	colour
W	lm	W	lm		
□ 132 - C.o.B.					
LED					
4000K - CRI 80					
12W	1800	13,9W	1458	44°	EQ07 01-15
12W	1750	13,9W	1418	44°	EQ08 01-15
12W	1800	13,9W	1368	81° / 80°	EQ09 01-15
12W	1750	13,9W	1330	81° / 80°	EQ10 01-15

Complete with power supply
Class of Insulation I



source	system		optic	code	colour
W	lm	W	lm		
□ 155 - C.o.B.					
LED					
4000K - CRI 80 - DALI					
17W	2550	19,5W	1913	47° / 46°	EQ11 01-15
17W	2550	19,5W	1887	76° / 77°	EQ13 01-15
3000K - CRI 80 - DALI					
17W	2500	19,5W	1875	47° / 46°	EQ12 01-15
17W	2500	19,5W	1850	76° / 77°	EQ14 01-15

Complete with power supply
Class of Insulation I

iPro

□ 132 / □ 155 / □ 192



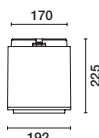
01
WHITE



15
GREY

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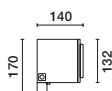
new
Available



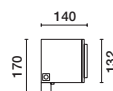
source		system		optic	code colour
W	lm	W	lm		
□ 192 - C.o.B.					
LED					
4000K - CRI 80 - DALI					
23W	3850	26,8W	3119	32°	EQ15 01-15
23W	3850	26,8W	3119	46° / 47°	EQ17 01-15
3000K - CRI 80 - DALI					
23W	3750	26,8W	3038	32°	EQ16 01-15
23W	3750	26,8W	3038	46° / 47°	EQ18 01-15
Complete with power supply Class of Insulation I					

new
Available

Floodlights for wall versions

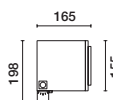


source		system		optic	code colour
W	lm	W	lm		
□ 132 - C.o.B.					
LED					
4000K - CRI 80 - On/off					
12W	1800	13,9W	1440	27° / 26°	EP50 01-15
12W	1800	13,9W	1458	44°	EP52 01-15
12W	1800	13,9W	1368	81° / 80°	EP54 01-15
3000K - CRI 80 - On/off					
12W	1750	13,9W	1400	27° / 26°	EP51 01-15
12W	1750	13,9W	1418	44°	EP53 01-15
12W	1750	13,9W	1330	81° / 80°	EP55 01-15
Complete with power supply. iPro □ 132 floodlights can be wall-mounted using the special base BZ18.					



source		system		optic	code colour
W	lm	W	lm		
□ 132 - Multi Chip					
LED					
4000K - CRI 80					
16W	2100	17,8W	1638	10°	BD34 01-15
16W	2100	17,8W	1449	20°	BD36 01-15
3000K - CRI 80					
16W	2100	17,8W	1638	10°	BD35 01-15
16W	2100	17,8W	1449	20°	BD37 01-15
Complete with power supply. iPro □ 132 floodlights can be wall-mounted using the special base BZ18.					

source		system		optic	code colour
W	lm	W	lm		
LED					
4000K - CRI 80 - On/off					
9,4W	1100	11,1W	781	10°	EP46 01-15
9,4W	1100	11,1W	781	12° / 13°	EP48 01-15
3000K - CRI 80 - On/off					
9,4W	1050	11,1W	746	10°	EP47 01-15
9,4W	1050	11,1W	746	12° / 13°	EP49 01-15
EP46, EP47, EP48, EP49: Opti Beam Lens					

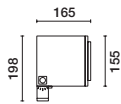


source		system		optic	code colour
W	lm	W	lm		
□ 155 - Multi Chip					
LED					
4000K - CRI 80 - DALI					
23W	3150	25,1W	2457	10°	BD46 01-15
23W	3150	25,1W	2079	20°	BD48 01-15
3000K - CRI 80 - DALI					
23W	3150	25,1W	2457	10°	BD47 01-15
23W	3150	25,1W	2079	20°	BD49 01-15
Complete with power supply. iPro □ 155 floodlights can be wall-mounted using the special base BZ19.					



01
WHITE

15
GREY

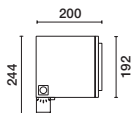


source		system		optic	code colour
W	lm	W	lm		
□ 155 - C.o.B.					
LED					
4000K - CRI 80 - DALI					
17W	2550	19,5W	1862	27°	EP60 01-15
17W	2550	19,5W	1913	47° / 46°	EP62 01-15
17W	2550	19,5W	1887	76° / 77°	EP64 01-15
3000K - CRI 80 - DALI					
17W	2500	19,5W	1825	27°	EP61 01-15
17W	2500	19,5W	1875	47° / 46°	EP63 01-15
17W	2500	19,5W	1850	76° / 77°	EP65 01-15
Tunable White - DALI					
15W	2050	18,1W	1394	28°	EP66 01-15
15W	2050	18,1W	1435	46° / 45°	EP67 01-15
15W	2050	18,1W	1374	76°	EP68 01-15
Tunable White - DMX					
15W	2050	18,1W	1394	28°	EP69 01-15
15W	2050	18,1W	1435	46° / 45°	EP70 01-15
15W	2050	18,1W	1374	76°	EP71 01-15

Complete with power supply.
iPro □ 155 floodlights can be wall-mounted using the special base BZ19.

source		system		optic	code colour
W	lm	W	lm		
□ 192 - Multi Chip					
LED					
4000K - CRI 80 - DALI					
9,3W	1050	11,2W	578	8°	EP56 01-15
12W	1750	14W	1400	15° / 14°	EP58 01-15
3000K - CRI 80 - DALI					
9,3W	1000	11,2W	550	8°	EP57 01-15
12W	1700	14W	1360	15° / 14°	EP59 01-15

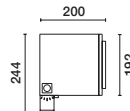
EP56, EP57, EP58, EP59: Opti Beam Lens



source		system		optic	code colour
W	lm	W	lm		
□ 192 - Multi Chip					
LED					
4000K - CRI 80 - DALI					
28W	4000	31,1W	3280	12° / 10°	BG35 01-15
28W	4000	31,1W	2920	20°	BG37 01-15
3000K - CRI 80 - DALI					
28W	4000	31,1W	3280	12° / 10°	BG36 01-15
28W	4000	31,1W	2920	20°	BG38 01-15
Complete with power supply iPro □ 192 floodlights can be wall-mounted using the special base BZM5.					
□ 192 - Multi Chip					
LED					
RGB - DMX-RDM					
24W	1350	30W	983	14°	BV60 01-15
24W	1350	30W	957	32°	BV61 01-15
Tunable White - CRI 80 - DMX-RDM					
28W	3950	33,8W	3239	12° / 10°	BV62 01-15
28W	3950	33,8W	2844	34°	BV63 01-15

Complete with power supply and electronic DMX512-RDM control card. DMX specifications require the insertion of a 120 Ohm terminating resistor (code BZ07) to be placed between the DATA+ and DATA- cables of the last product in the line.

iPro floodlights □ 192 can be wall-mounted using the special base BZM5.
Tunable white: 2700K÷6000K



source		system		optic	code colour
W	lm	W	lm		
□ 192 - C.o.B.					
LED					
4000K - CRI 80 - DALI					
53W	7750	59,2W	6278	17° / 16°	EP88 01-15
23W	3850	26,8W	3119	32°	EP76 01-15
40W	6200	45,3W	5022	32°	EP82 01-15
53W	7750	59,2W	6278	32°	EP90 01-15
23W	3850	26,8W	3119	46° / 47°	EP78 01-15
40W	6200	45,3W	5022	46° / 47°	EP84 01-15
53W	7750	59,2W	6278	46° / 47°	EP92 01-15
23W	3850	26,8W	3080	80° / 82°	EP80 01-15
40W	6200	45,3W	4960	80° / 82°	EP86 01-15
53W	7750	59,2W	6200	80° / 82°	EP94 01-15
3000K - CRI 80 - DALI					
53W	7550	59,2W	6116	17° / 16°	EP89 01-15
23W	3750	26,8W	3038	32°	EP77 01-15
40W	6050	45,3W	4901	32°	EP83 01-15
53W	7550	59,2W	6116	32°	EP91 01-15
23W	3750	26,8W	3038	46° / 47°	EP79 01-15
40W	6050	45,3W	4901	46° / 47°	EP85 01-15
53W	7550	59,2W	6116	46° / 47°	EP93 01-15
23W	3750	26,8W	3000	80° / 82°	EP81 01-15
40W	6050	45,3W	4840	80° / 82°	EP87 01-15
53W	7550	59,2W	6040	80° / 82°	EP95 01-15
Tunable White - DALI					
24W	3250	27,2W	2600	28°	EP96 01-15
24W	3250	27,2W	2633	40°	EP97 01-15
24W	3250	27,2W	2730	81° / 80°	EP98 01-15
Tunable White - DMX					
24W	3250	27,2W	2600	28°	EP99 01-15
24W	3250	27,2W	2633	40°	EQ01 01-15
24W	3250	27,2W	2730	81° / 80°	EQ02 01-15

Complete with power supply. DALI versions occupy 1 address.
iPro □ 192 floodlights can be wall-mounted using the special base BZM5.

source		system		optic	code colour
W	lm	W	lm		
□ 192 - Multi Chip					
LED					
4000K - CRI 80 - DALI					
16W	2150	18,3W	1269	10°	EP74 01-15
4000K - CRI 80 - DALI					
11W	1250	14,1W	725	6°	EP72 01-15
3000K - CRI 80 - DALI					
16W	2100	18,3W	1239	10°	EP75 01-15
3000K - CRI 80 - DALI					
11W	1200	14,1W	696	6°	EP73 01-15

EP72, EP73, EP74, EP75: Opti Beam Lens

iPro

□ 132 / □ 155 / □ 192



01
WHITE



15
GREY

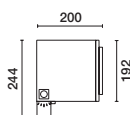
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new
Available



source		system		optic	code	colour
W	lm	W	lm			
□ 192 - Multi Chip						
LED						
RGBW - DMX-RDM						
24W	2000	30,6W	1080	10°	JNN1	01-15
24W	2000	30,6W	1060	38° / 36°	JNN2	01-15

Complete with power supply and electronic DMX512-RDM control card. DMX specifications require the insertion of a 120 Ohm terminating resistor (code BZQ7) to be placed between the DATA+ and DATA- cables of the last product in the line.
iPro floodlights □ 192 can be wall-mounted using the special base BZM5.



source		system		optic	code	colour
W	lm	W	lm			
□ 192 - C.o.B.						
LED						
4000K - CRI 80 - DALI						
2,5W	270	33,2W	230	A60	EQ03	01-15
3000K - CRI 80 - DALI						
2,5W	270	33,2W	230	A60	EQ04	01-15

Recommended pole application

LED

4000K - CRI 70 - DALI						
2,4W	400	33,2W	324	ST1	EQ05	01-15
3000K - CRI 70 - DALI						
2,4W	360	33,2W	292	ST1	EQ06	01-15

Recommended pole application



132



155



192

Optical accessories

	code	colour	code	colour	code	colour
Accessory support frame						
To be used for the installation of accessories	BZ49	01-15	BZ63	01-15	BZ77	01-15
diffuser glass	BZ51	65 For C.o.B. versions	BZ65	65 For C.o.B. versions	BZ79	65 For C.o.B. versions
Prismatic diffuser glass	BZ52	24	BZ66	24	1154	24
Reflector for elliptical distribution	BZ53	24	BZ67	24	BZ80	24
Protection grille	BZ56	13	BZ71	13	BZ85	13

Control gear

	code	colour	code	colour	code	colour
SPD (Surge Protection Device), IP67, Classe I, 10kV	X495	00	X495	00	---	---

Mounting accessories

	code	colour	code	colour	code	colour
Applique clip	BZ18	01-15	BZ19	01-15	BZM5	01-15

Paphos City Centre – Paphos, Cipro

Lighting project: LDPI

Technical Partner: Dark Architectural Lighting

Photo: Maria Efthymiou - Creative Photo Room



iRoll 65

ø78 / ø109

iRoll 65 Award
Red Dot Award



ø78



ceiling-mounted



wall-mounted down light



wall-mounted up/down light

ø109



ceiling-mounted



wall-mounted down light



wall-mounted up/down light



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- Floodlight luminaire intended for use with LED and halogen light sources.
- Ceiling and wall installation with down light and up/down light emission.
- High visual comfort.
- Optical compartment, ceiling or wall base strip, arm (wall version) and frames in die-cast aluminium; plastic arm guard; 4 mm thick tempered sodium-calcium closing glass secured to the frame with silicone.
- Internal gaskets water-sealed with silicone;
- Dual adjustability of optics.
- Multi-groove ring in black polycarbonate for visual comfort.
- Luminaire ready for pass-through wiring (only ø109).
- The external screws used are in stainless steel.
- Insulation class II

Optics

ø 78

*Elliptical optics are obtained by installing the specific accessory.

ø 109

Optical accessories



Refractor for elliptical distribution

Diffuser prismatic glass

Coloured filters

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source	system				code colour
	W	lm	W	lm	
ø78 - Ceiling-mounted - fixed optic					
LED					
4000K - CRI 80					
3,7W	500	6,2W	400	14°	BA79 15
3,7W	500	6,2W	335	32°	BA82 15
3000K - CRI 80					
3,7W	460	6,2W	368	14°	BA80 15
3,7W	460	6,2W	308	32°	BA83 15
Complete with power supply Class of Insulation I Max 1 flat accessory may be installed					

source	system				code colour
	W	lm	W	lm	
ø78 - Wall-mounted - Down light - fixed optic					
LED					
4000K - CRI 80					
3,7W	500	6,2W	360	14°	BA85 15
3,7W	500	6,2W	305	32°	BA88 15
3000K - CRI 80					
3,7W	460	6,2W	331	14°	BA86 15
3,7W	460	6,2W	281	32°	BA89 15
Complete with power supply Class of Insulation I Max 1 flat accessory may be installed					

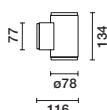
iRoll 65

ø78 / ø109



15
GREY

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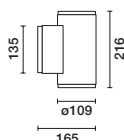
source		system		optic	code colour
W	lm	W	lm		
ø78 - Wall-mounted - Up/down light - fixed optic					
LED					
4000K - CRI 80					
6W	430 up	8,6W	310 up	8°	BA91 15
	430 down		309 down	8°	
6W	430 up	8,6W	262 up	31°	BA94 15
	430 down		263 down	31°	
3000K - CRI 80					
6W	395 up	8,6W	284 up	8°	BA92 15
	395 down		285 down	8°	
6W	395 up	8,6W	241 up	31°	BA95 15
	395 down		241 down	31°	

Complete with power supply
Class of Insulation I
Max 1 flat accessory may be installed



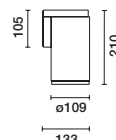
source		system		optic	code colour
W	lm	W	lm		
ø109 - Ceiling-mounted - C.o.B. - fixed optic					
LED					
4000K - CRI 80					
12W	1750	16,8W	1261	40°	B115 15
3000K - CRI 80					
12W	1700	16,8W	1225	40°	B116 15

Complete with power supply
Class of Insulation II
Max 1 flat accessory may be installed



source		system		optic	code colour
W	lm	W	lm		
ø109 - Wall-mounted - Up/down light - Multi Chip - adjustable optic					
LED					
4000K - CRI 80					
8W	573 up	11,3W	429 up	14°	BC19 15
	572 down		430 down	14°	
8W	572 up	11,3W	418 up	32°	BC22 15
	573 down		418 down	32°	
3000K - CRI 80					
8W	525 up	11,3W	394 up	14°	BC20 15
	525 down		394 down	14°	
8W	525 up	11,3W	383 up	32°	BC23 15
	525 down		384 down	32°	

Complete with power supply
Class of Insulation II
Max 1 flat accessory may be installed



source		system		optic	code colour
W	lm	W	lm		
ø109 - Wall-mounted - Down light - C.o.B. - fixed optic					
LED					
4000K - CRI 80					
12W	1750	16,8W	1255	16°	B121 15
12W	1750	16,8W	1261	40°	B123 15
3000K - CRI 80					
12W	1700	16,8W	1220	16°	B122 15
12W	1700	16,8W	1225	40°	B124 15

Complete with power supply
Class of Insulation II
Max 1 flat accessory may be installed



Optical accessories	code	colour	code	colour
Refractor for elliptical distribution	BZ19	24	BZ22	24 For BC22-BC23
Refractor for elliptical distribution	BZ17	24	BZ20	24
Coloured filters	BZ18	05-06	---	---
Coloured filter / Diffusing glass	---	---	BZ21	05-06-09 BZ21 65

Bell Court - Stratford-upon-Avon, United Kingdom
Architectural project: Mountford Pigott
Lighting Project: Lighting Design International
Photo: Gavriil Papadiotis



LLCOURT

iRoll 65

ø165 / ø218



ø165



ceiling-mounted



wall-mounted down light

ø218



ceiling-mounted



wall-mounted down light



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IP65

IK07



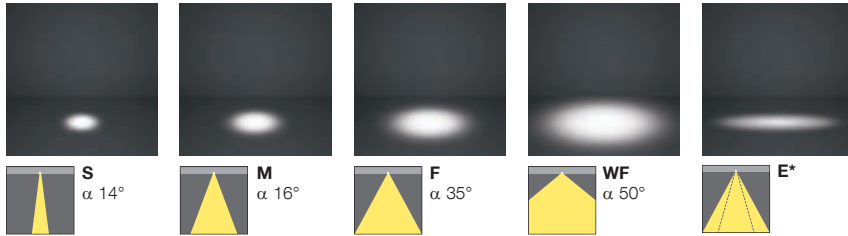
- Floodlight luminaire intended for use with discharge and LED light sources.
- Ceiling and wall installation with down light and up/down light emission.
- High visual comfort.
- Optical compartment, ceiling or wall base strip, arm (wall version) and frame in die-cast aluminium; sodium calcium transparent tempered glass, 4 mm thick, is connected with silicone to the frame; silicone water tight interior gaskets; fastening steel cables between the lower frame and the

optical assembly and between the optical assembly and the upper base; 99.96% ultra-pure aluminium reflectors.

- Available with electromagnetic and electronic wiring.
- Dual adjustability of optics.
- Luminaire ready for pass-through wiring.
- Protection against blows by footballs in accordance with DIN/VDE 0710 Part 13 (for some large body versions).
- All external screws used are in A2 stainless steel.



Optics

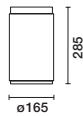


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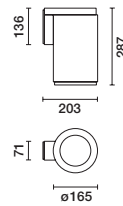
source		system			
W	lm	W	lm	optic	code colour
ø165 - Ceiling-mounted - fixed optic					
LED					
4000K - CRI 80					
25W	3300	28,4W	2149	38°	BI17 15
3000K - CRI 80					
25W	3200	28,4W	2084	38°	BI18 15

Complete with power supply



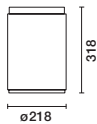
source		system			
W	lm	W	lm	optic	code colour
ø165 - Wall-mounted - Down light - C.o.B. - fixed optic					
LED					
4000K - CRI 80					
25W	3300	28,4W	2329	14°	BI25 15
25W	3300	28,4W	2149	38°	BI27 15
3000K - CRI 80					
25W	3200	28,4W	2259	14°	BI26 15
25W	3200	28,4W	2084	38°	BI28 15

Complete with power supply



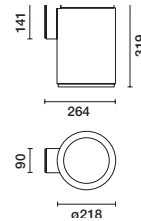
source		system			
W	lm	W	lm	optic	code colour
ø218 - Ceiling-mounted - C.o.B. - fixed optic					
LED					
4000K - CRI 80					
35W	5200	41,2W	4006	50°	BI19 15
3000K - CRI 80					
35W	5000	41,2W	3852	50°	BI20 15

Complete with power supply



source		system			
W	lm	W	lm	optic	code colour
ø218 - Wall-mounted - Down light - C.o.B. - fixed optic					
LED					
4000K - CRI 80					
35W	5200	41,2W	4020	16°	BI29 15
3000K - CRI 80					
35W	5000	41,2W	3866	16°	BI30 15
35W	5000	41,2W	3852	50°	BL29 15

Complete with power supply



Optical accessories



Diffuser Filter

code	colour	code	colour
---	---	4493	65
For BI19-BI20-BI29-BI30-BL29			



Diffuser glass

code	colour	code	colour
BZ02	65	---	---
For BI17-BI18-BI27-BI28			



Refractor for elliptical distribution

code	colour	code	colour
BZ01	24	4492	24
For BI19-BI20-BI29-BI30-BL29			

Walky
wall mounted



ø 100



90X90



270x90



ø 200



180X180



- Lighting system for walkways designed for use with LED light sources to ensure high visual comfort.
- Wall installation.
- Comprising an optical compartment (IP66 protection class) and wall base strip casing to be ordered separately.
- Optical compartment in aluminium alloy with powder paint coating to ensure high resistance to atmospheric agents and UV rays. Plastic closure casing in the rear part of the optical compartment.
- Complete with plastic cable gland and output cable 0.5 - 1 m long

- Tempered frosted sodium-calcium safety glass.
- Luminaire without visible screws with anti-vandalism system involving a key to open and access the rear wiring compartment (supplied in the packaging).
- Versions are available with built-in 220 ÷ 240 Vac On-Off power supply (circular Ø200mm, square 180x180mm mm) or remote 24Vdc power supply (circular Ø100mm, square 90x90mm and rectangular 270x90).
- Protection against over-voltages (220 ÷ 240 versions): 2kV in Common Mode (CM), 1kV in Differential Mode (DM).

- Ambient operating temperature:
 Ta -30°C +50°C for 24Vdc versions,
 Ta -20°C +50°C for 220-240Vac (On-Off) versions,
- All external screws used are in A2 stainless steel.



IP66 protection class.

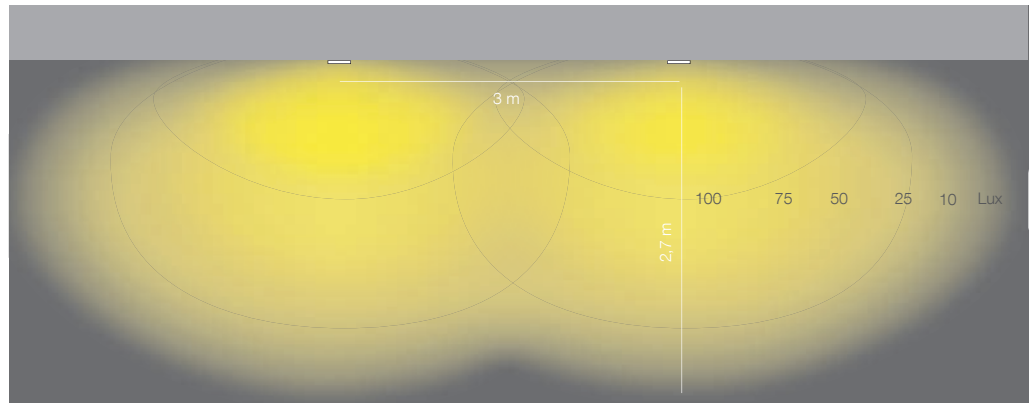


The product can only be opened using a special key for protection against vandalism

Lighting distribution

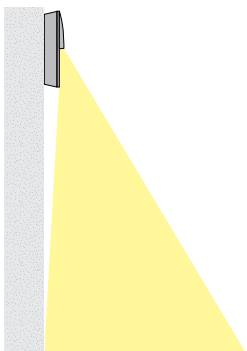
The high performance of this product ensures a uniform level of illumination over the entire horizontal surface.

Lux values refer to Walky ø 200 mm or 180x180 mm versions installed at a height of 700 mm from the ground.

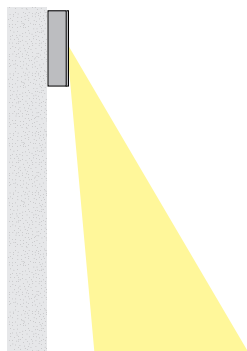


Horizontal excellence

The new optic that distributes light horizontally, precisely from the base of the wall where the product is installed..



iguzzini solution



Other products

Versions

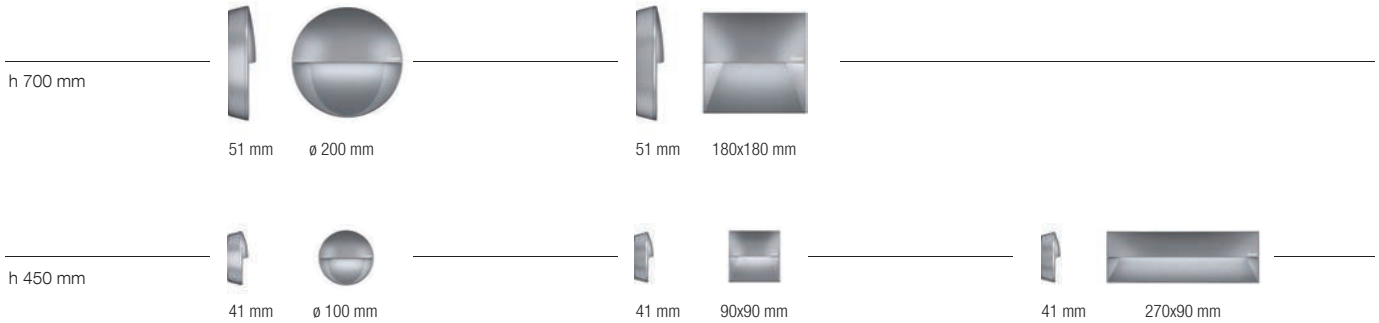
System for residential areas
 page 840



Recessed
 page 806



Suggestions for installation heights



h = recommended installation height (from the ground) for correct lighting

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4000K versions on request

source		system				optic	code colour
W	lm	W	lm				
LED							
3000K - CRI 80							
9,9W	1550	11,5W	419	AL		EI23	01-15-F5
2700K - CRI 80							
9,9W	1500	11,5W	405	AL		EI24	01-15-F5

220÷240Vac
Class of Insulation I
Outer casing to be ordered separately
Installation accessory to be ordered separately
4000K versions on request

source		system				optic	code colour
W	lm	W	lm				
LED							
3000K - CRI 80 - PWM							
3,2W	530	4,6W	111	AL		EI26	01-15-F5
2700K - CRI 80 - PWM							
3,2W	510	4,6W	107	AL		EI27	01-15-F5

24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request

source		system				optic	code colour
W	lm	W	lm				
LED							
3000K - CRI 80							
9,9W	1550	11,5W	419	AL		EI32	01-15-F5
2700K - CRI 80							
9,9W	1500	11,5W	405	AL		EI33	01-15-F5

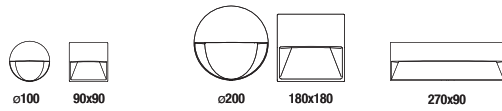
220÷240Vac
Class of Insulation I
Installation accessory to be ordered separately.
4000K versions on request








source		system				optic	code colour
W	lm	W	lm				
LED							
3000K - CRI 80 - PWM							
3,2W	530	4,6W	111	AL		EI35	01-15-F5
2700K - CRI 80 - PWM							
3,2W	510	4,6W	107	AL		EI36	01-15-F5

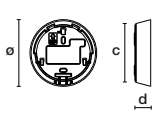
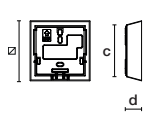
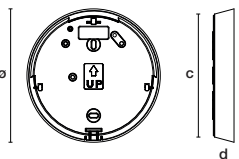
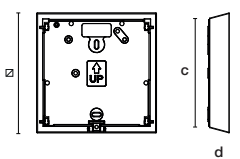
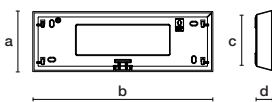
24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request

source		system				optic	code colour
W	lm	W	lm				
LED							
3000K - CRI 80 - PWM							
8,6W	1400	12W	336	AL		EI44	01-15-F5
2700K - CRI 80 - PWM							
8,6W	1350	12W	324	AL		EI45	01-15-F5

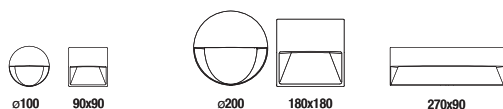
24Vdc.
Power supply to be ordered separately.
Installation accessory to be ordered separately.
4000K versions on request













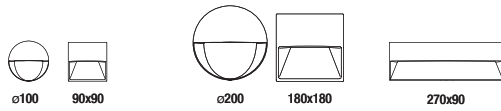
Interfaces & remote units	code	colour	code	colour	code	colour
 4-channel LED Driver with DALI-DMX 720W controller VIN=12÷48Vdc VOUT=5-12-24-48V	9639	00	---	---	9639	00
 PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3	00	---	---	MWP3	00
Control gear	code	colour	code	colour	code	colour
 IP67 box for power supply dim. 140x230x95h (6PG)	9582	00	---	---	9582	00
dim. 280x190x130h (10PG)	BZ33	00	---	---	BZ33	00
 2-way junction connector - IP68	---	---	X188	00	---	---
 Sealed connector kit IP68 for low voltage	9581	04	---	---	9581	04
Mounting accessories	code	colour	code	colour	code	colour
 Wall base square	X339	01-15-F5	X338	01-15-F5	---	---
ngolare rectangular	---	---	---	---	X340	01-15-F5
round	X337	01-15-F5	X336	01-15-F5	---	---
 Opening key	X421	13	X420	13	X421	13








X337	X339	X336	X338	x340
				
d = 25 mm c = 88 mm ø = 100 mm	d = 25 mm c = 78 mm □ = 90 mm	d = 31 mm c = 184 mm ø = 200 mm	d = 31 mm c = 164 mm □ = 180 mm	d = 25 mm c = 78 mm b = 270 mm a = 90 mm

Walky wall



Power supply	code	colour	code	colour	code	colour
 <p>Electronic constant tension power supply 50W 24V</p> <p>Iout=2A dim. 225x60x36h</p>	MWK4	00	---	---	MWK4	00
 <p>Electronic constant tension power supply 70W 24V</p> <p>IOUT=2,9A dim. 225x60x36h</p>	MWK5	00	---	---	MWK5	00
 <p>Constant voltage power supply unit non dimmable IP67 40W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions:171x61,5x36,8</p>	X182	00	---	---	X182	00
 <p>Constant voltage power supply unit non dimmable IP67 80W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8</p>	X183	00	---	---	X183	00
 <p>Constant voltage power supply unit non dimmable IP67 120W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8</p>	X184	00	---	---	X184	00
 <p>Constant voltage power supply unit non dimmable IP67 185W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8</p>	X185	00	---	---	X185	00
 <p>Constant voltage power supply unit non dimmable IP67 240W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8</p>	X186	00	---	---	X186	00
 <p>Constant voltage power supply unit non dimmable IP67 320W</p> <p>VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions:252x90x43,8</p>	X187	00	---	---	X187	00
 <p>Constant voltage power supply unit DALI IP20 100W</p> <p>VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30</p>	MZ15	00	---	---	MZ15	00
 <p>Constant voltage power supply unit IP20 96W</p> <p>VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22</p>	MZ14	00	---	---	MZ14	00



Power supply	code	colour	code	colour	code	colour
 Constant voltage power supply unit non dimmable track DIN 120W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	BZK0	00	---	---	BZK0	00
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	PC15	00	---	---	PC15	00
 Constant voltage power supply unit non dimmable track DIN 240W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912	00	---	---	9912	00
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	PC16	00	---	---	PC16	00
 Constant current power supply unit non dimmable track DIN 10W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93	9908	00	---	---	---	---
 Constant voltage power supply unit non dimmable track DIN 24W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909	00	---	---	9909	00
 Constant voltage power supply unit non dimmable track DIN 72W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9910	00	---	---	9910	00
 Constant voltage power supply unit non dimmable track DIN 96W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x68x105	9911	00	---	---	9911	00
 Constant voltage power supply unit non dimmable track DIN 480W VIN = 90-240VAC/DC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	BZK1	00	---	---	BZK1	00
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	PC17	00	---	---	PC17	00



Intelligent Light Solutions

We evolve the Intelligence of Light concept by networking all the aspects making up a system so that they interact with each other in an automated manner.

By exploiting the Bluetooth Low Energy protocol, we can manage light directly from a smartphone - Smart Light Control - or send information and enable new services from the light point - Smart Services.

Various technologies - BLE, KNX, DALI or DMX - can make our settings more responsive and intelligent, through light.

- 912 Overview / Smart Light Control / Light Management System / Smart Services
- 920 Quick BLE
- 924 Quick DALI
- 934 Quick DMX
- 936 Master Pro Evo KNX
- 944 Master Pro DMX



Overview

Smart Light Control

From small to large installations, from short distances to the network, indoor and outdoor products can be managed by control systems.

Thanks to the Bluetooth

Low Energy protocol by now included in every smartphone, light becomes portable, thereby facilitating installation, programming and management of the system. Remote control is also possible using an IP protocol across a BLE-WiFi interface, again using a smartphone or directly online.

A BLE sensor that measures illuminance and movement helps optimise energy saving; a maintenance-free BLE button ensures control even if the smartphone is momentarily unavailable.



Smart Services

Light emerges as the way to create new smart services for the benefit of energy administrators and users. In particular, thanks to beacon technology integrated into the lighting system and the Bluetooth Low Energy protocol, it is possible to receive digital information by activating proximity marketing services (**push notifications**) or route indications (**Indoor Navigation / Wayfinding**) or data about the use of spaces (**Space management / occupancy**) directly on a smartphone.

Smart Services transform communication into value, even in economic terms.



Smart Light Control + Smart Services

Smart Hybrid Systems integrate light control (Smart Light Control) and data communication (Smart Services) functions always and exclusively only through a smart lighting system. We are able to provide this dual option by integrating interfaces to convert DALI signals into BLE and then allow light management from smartphones as well as beacons to enable proximity marketing, Indoor Navigation / Wayfinding and space management services.



	BLE BeCon binary LV	BLE DALI 4 Interface	BLE DALI 32 Interface	Luminaires** Bluetooth	App iGuzzini Smart Light Control	Dedicated App for Smart Services
Smart Light Control		●	●	●	●	
Smart Services Push notification	●	●	●	●		○
Smart Services Indoor Navigation / Wayfinding	●	●	●	●		○
Smart Services Occupancy /Space Management	●	●	●	●		○
Smart Light Control + Smart Services	★	●	●	●	●	○

* Can operate in conjunction with BLE-DALI 4, BLE-DALI 32 interface, BLE for iN 60 / iN 90 and BLE for iWay and all BLE devices

○ Contact iGuzzini for additional information about the dedicated App for Smart Services and the composition of the system.

** Isola page 374 and Laser pages 426 and 444, Palco page 258, interface for iN 60 and iN 90 page 394 and for iWay Super Comfort page 856

Light Management Systems

The distinguishing feature of intelligent lighting systems is **the capability of all component items to communicate constantly** with each other in a fully automated manner through a real-time control infrastructure involving all hardware elements such as sensors, actuators, controllers, communication interfaces, connection buses and software applications allowing communication, management and control of all system components in an integrated manner.

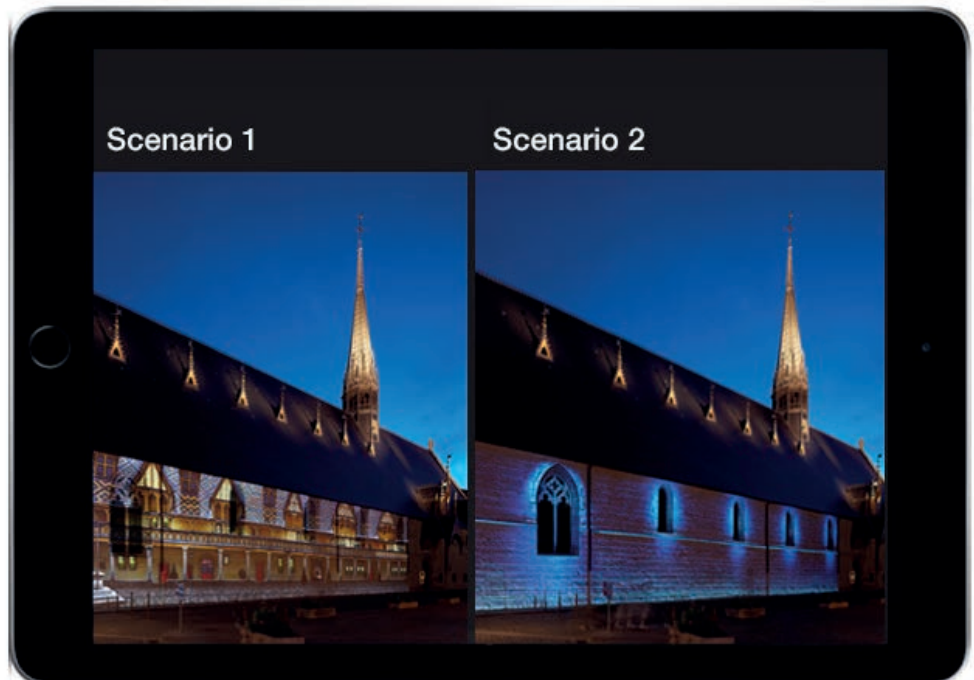
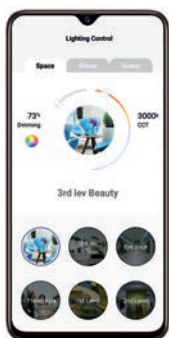
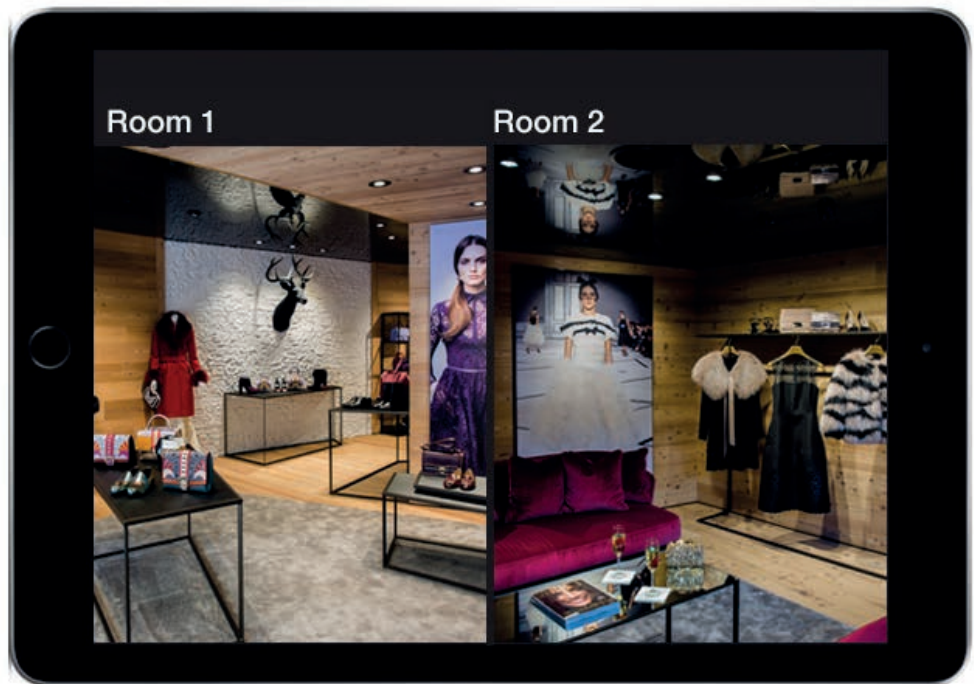


	Bluetooth	DALI	KNX	DMX
Large systems Open Programmable		Master Pro Evo KNX page 822	Master Pro Evo KNX page 822	Master Pro DMX page 830
Small and medium systems Open Programmable	Quick BLE page 870	Quick DALI LMS Quick Dali Touch Display 7" ★	★	Quick DMX page 820 Touch DMX 512 Touch DMX 128
Small and medium systems Plug and Play		Quick DALI page 810 LMS Quick Colour Quick Dali Touch Panel TWRGB Dali Touch Panel TW Dali Touch Slide TW		Quick DMX page 820 Touch DMX 512 Touch DMX 128

(*) small/medium systems can be implemented using the panel (code Q737) with related components and programming

Smart Light Control / Light Management System

From intelligent lighting to intelligent control: LEDs and DALI technology have paved the way for the digitalisation of lighting management. Each single unit is part of a control system that defines levels of illumination, switch-on, dimming, colour temperature variation and switch-off. A Bluetooth-DALI interface means it is now possible to manage the system directly from a smartphone using the Bluetooth Low Energy (BLE) protocol and a special Smart Light Control App developed by iGuzzini. The BLE-WiFi interface extends management even to remote, online or smartphone control. Simple, quick, affordable and suitable for everyone: lighting control is increasingly smarter. A BLE sensor that measures illuminance and movement helps optimise energy saving; a maintenance-free BLE button ensures control even if the smartphone is momentarily unavailable



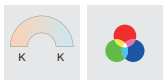
Technologies

We suggest the best technology for each application. BLE is smart and suitable for small/medium systems; Dali is for management of digital lighting, and can even be extended, and gradual, soft lighting variations; KNX is suitable for large systems and building automation; DMX for high-speed dynamic lighting set-ups.



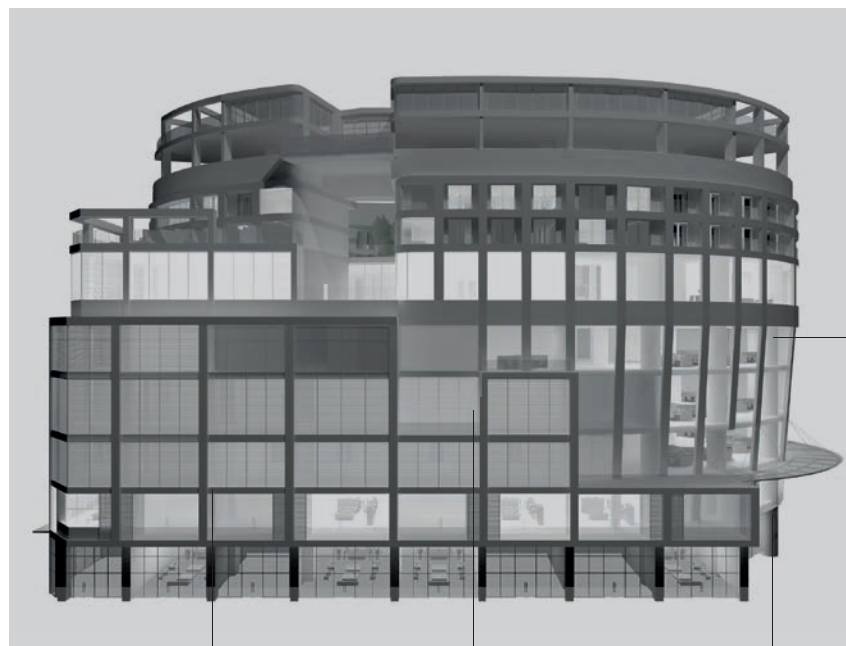
Variability creates wellbeing

Adapting artificial lighting to the natural light cycle or, in its absence, faithfully reproducing its dynamism, means developing Human Centric Lighting which can therefore be varied in terms of intensity, colour temperature and chromatic nuances. Light stimulation can have various applications, from the most sophisticated ensuring comfort and more productive environments to simpler and more creative ones designed to enhance the wellbeing of people and create emotions through light.



Energy Saving

The increasingly widespread use of heating, air conditioning, lighting and new technology has provoked a considerable increase in energy demands in our buildings. Single or combined use of specific lighting control functions (presence detection sensor, connection to daylight sensors and time programming) helps achieve maximum energy savings, lower CO2 emissions, lower energy costs and the possibility of creating customised lighting scenes that promote environmental sustainability in compliance with existing certifications and regulations such as LEED, WELL, BREEAM and EPBD.

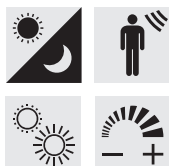


HVAC Control systems (heating, ventilation and air conditioning)

Energy monitoring and management

Automation and integrated building management

Controlled lighting



Smart Services

Beacon technology is viewed as strategic for the Internet of Things: based on Bluetooth Low Energy, the beacons are integrated into the lighting system and thereby create a capillary network that is always powered and allow communication with smartphones to convey customised content based on the user's location.

It is possible to receive digital information on smartphones while walking around the city, visiting a museum or entering a shop, or while being guided inside a space or, lastly, by detecting occupancy flows inside workplaces where space optimisation is vital today. The application software used to manage smart services is based on standard protocols such as iBeacon and Eddystone. It can be integrated into other existing apps supplied by the customer or developed specifically by iGuzzini



Push Notification

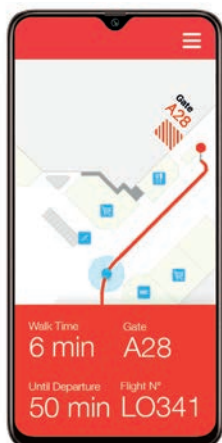
A dedicated App and Bluetooth activated on a smartphone can receive text, video and/or audio information that is always up-to-date about items on display or places crossed, thereby providing a richer and more exciting multi-sensory experience. The app can be developed on request by iGuzzini.



Indoor Navigation / Wayfinding

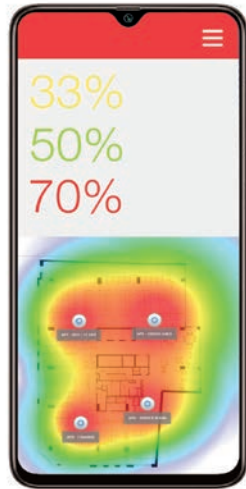
A dedicated App and Bluetooth activated on a smartphone allows users to create a personalised route on the way to a given item or place. This is particularly useful in indoor settings such as retail centres and museums but even in airports or public places.

The App can be developed on request by iGuzzini.



Occupancy/Space Management

This feature improves space management by detecting quantitative occupancy flows and providing useful data for economic savings. This aspect is particularly significant, for example, in rented work settings where optimisation of spaces in relation to effective use is fundamental to ensure cost savings. In retail settings, on the other hand, it is possible to collect useful information to updating displays of goods in relation to purchasing patterns. The App can be developed on request by iGuzzini.



The Smart Services functions indicated are enabled via beacon devices that can be integrated into luminaires, interface, sensors or a low-voltage track. For details about the composition of the system and the dedicated App, contact iGuzzini.

Low Voltage Track



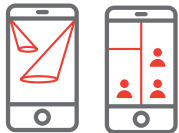
BeCon

Smart Light Control + Smart Services

Technology that combines control and beacon functions ensures a number of advantages, both for space managers and users alike.

Advantages for managers

Digital management of the system through smart light control ensures flexibility, simplicity and speed in system planning and management. Additionally, space management functions prompt managers to optimise the use of space to encourage energy and economic savings, as well as useful indications for behavioural marketing and defining highly targeted promotion strategies.



Advantages for users

Smart services change user experience: messages are personalised, timely and based on the user's needs or preferences. In retail settings, users enjoy a true shopping experience where additional information can direct choices in a better, more aware and updated manner. In a museum, users can enjoy their visit independently by receiving information about works on smartphones, while also defining the preferred level of detail. In airports or shopping centres, the Indoor Navigation / Wayfinding function guides users directly to the required place, while also optimising the space/time combination.



Isola, Laser Ceiling/Pendant, Palco, iN60, iN90 and iWay luminaires ensure that the system is ready for Smart Services and Smart Light Control. For other types of product, system composition and the dedicated App for Smart Services, contact iGuzzini



Isola



Laser



Ceiling-mounted

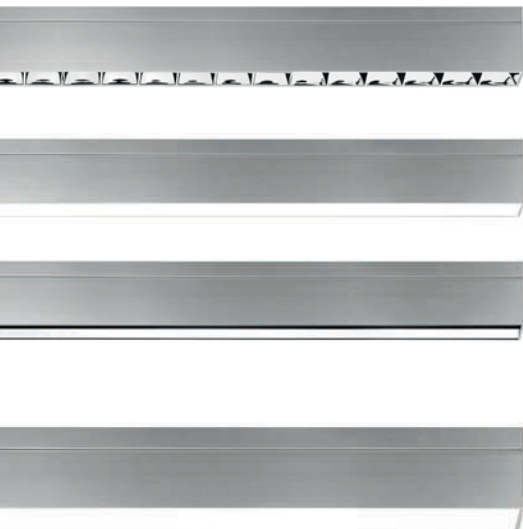


Pendant

Palco



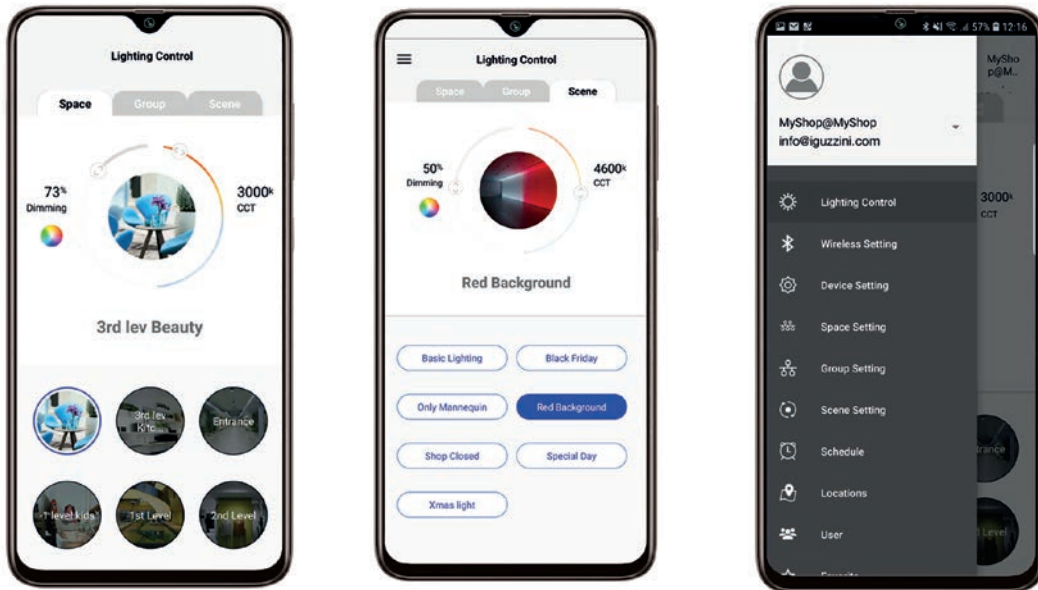
iN60 and iN90



iWay



Quick BLE

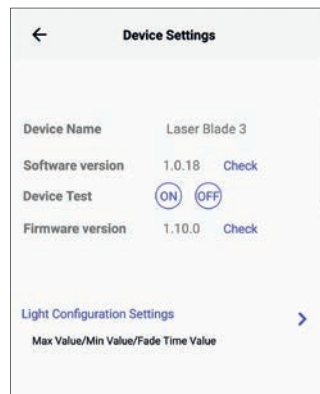


- Quick BLE uses Bluetooth Low Energy technology. It is a smart lighting management system suitable for small and medium systems alike.
- To use it, simply download the Smart Light Control App available on Google Play and App Store to your smartphone/tablet.
- The App works in combination with the types of BLE-DALI interface (for indoor and outdoor systems alike) where standard DALI lighting devices and BLE devices are connected.
- A BLE-WiFi bridge component makes it possible to manage the system by exploiting the range of action of a local Wi-Fi network or remotely through an IP address.
- All the various programming configurations, scenarios, groups created and user profiles are saved in cloud space to ensure that a system backup is always available.
- A maintenance-free BLE button ensures control of the system even if the smartphone is momentarily unavailable.
- Energy saving can be maximised by using a BLE multi-sensor to measure illuminance and detect movement.

Function

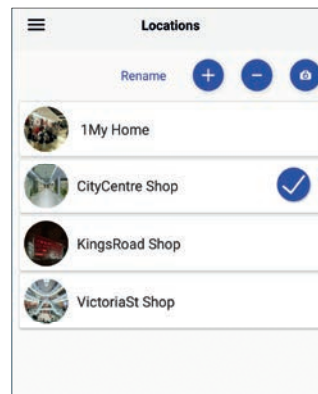
Smart Light Control App

The App allows easy programming implemented directly by the installer or user with the system connected. An intuitive graphical interface means that users can adapt functions in accordance with their needs.



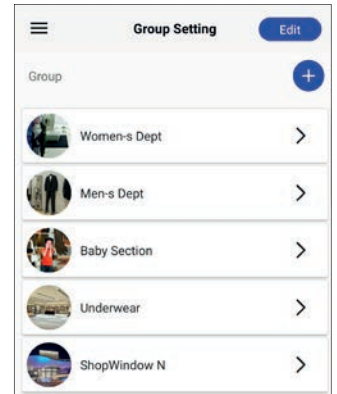
Device Settings

Recognition of devices is made easy thanks to practical ON OFF keys. This stage also allows access to a powerful customisation menu for individual devices such as dimming times, names, etc.



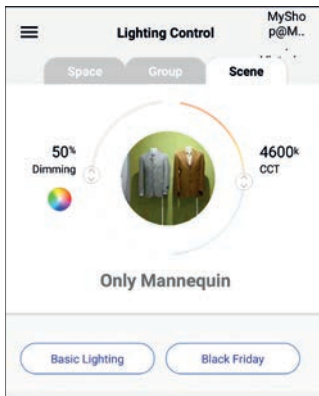
Locations

Management of various owned or managed buildings/spaces (locations).



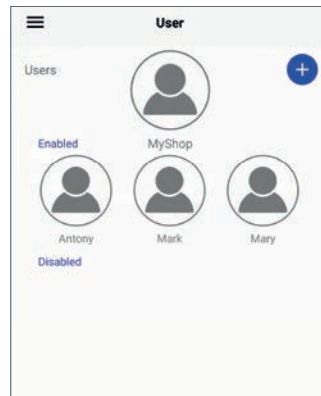
Group Setting

Creation and modification of up to 16 groups.



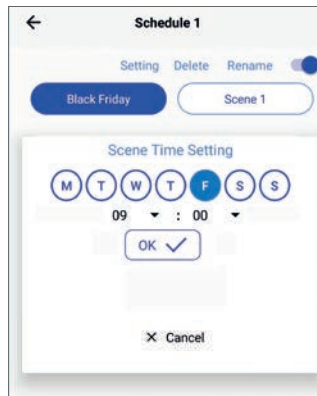
Lighting Control

Creation and selection of 16 lighting scenarios and the possibility of controlling luminosity and colour temperature with sliders.



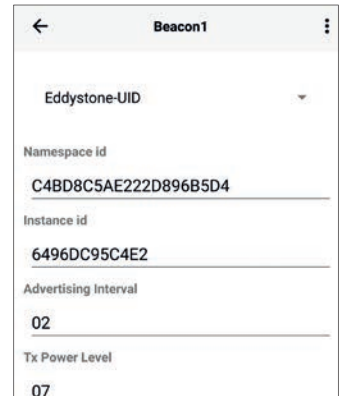
Users

Adding users with passwords and different operating levels, such as super-users (who have all modification rights) and users who are only allowed to manage lighting.



Schedules

Setting the operation of scenarios at fixed times in accordance with a weekly calendar. Operation requires having enough space inside the smartphone or the BLE Wi-Fi bridge.



Beacon Settings

Standard Eddystone UID/URL, iBeacon and AltBeacon protocols.

BLE-DALI interfaces

BLE-DALI interfaces can be applied in indoor settings (false ceiling or binary voltage network) as well as outdoors.

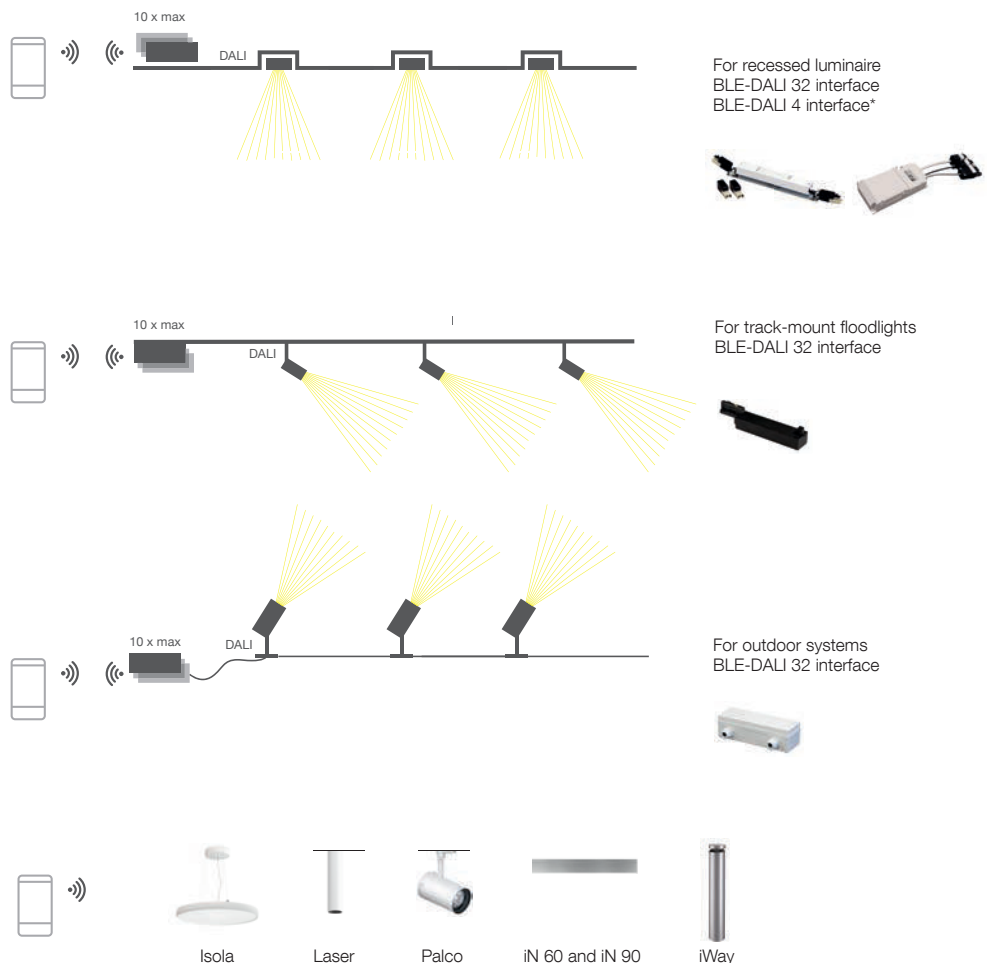
Each BLE-DALI 32 interface is connected through the DALI line to a number of luminaires equal to 32 addresses and the maximum number of interfaces for each mesh network is 10.

The system is therefore capable of managing up to 320 DALI addresses per network.

8 networks can be created in each account.

The Quick BLE system can also manage Bluetooth devices directly.

*The BLE-DALI 4 interface manages 4 addresses per interface; the maximum number of addresses that can be managed in a network is 320 (max n.80 BLE-DALI 4)



Quick BLE

System composition

Mesh network (App + BLE-DALI interfaces)

The mesh network comprises BLE-DALI interfaces (nodes) working in synergy.

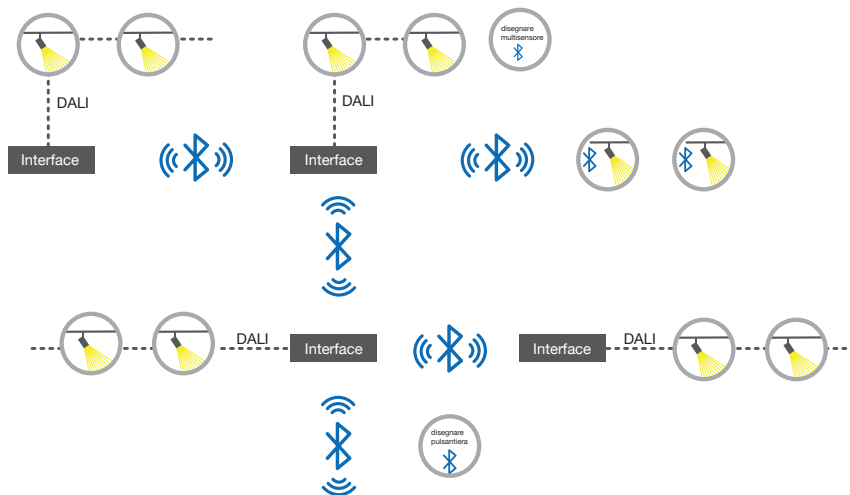
Luminaires are connected through the DALI line to the various interfaces.

The Quick BLE system, through the Smart Light Control App, uses the mesh network to control each individual luminaire.

Collaboration among the interfaces in the mesh network means it is possible to reach even the most distant devices from the location of the controlling Smartphone/tablet.

The system communicates with the Cloud and keeps data updated (backup) for possible resetting or simply to include additional Smartphones/tablets to control the system.

Mesh network and management with Bluetooth



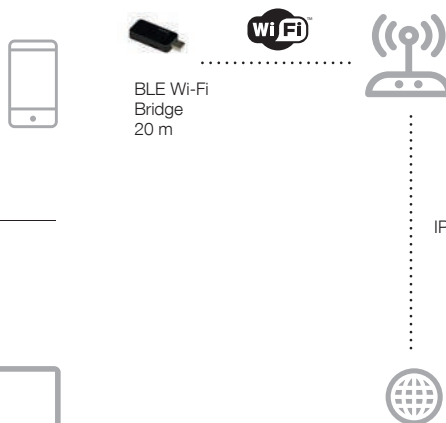
Maximum range of action between adjacent interfaces: indoor 30m / outdoor 50m.

The maximum distance is affected by the presence of physical obstacles, such as concrete walls or metal panels.

Extending the network with Wi-Fi

The Bridge BLE-WiFi component extends the range of action of the smartphone/tablet using a local WiFi connection to communicate with the mesh network.

Extending the network with Wi-Fi



Remote control via the Internet

The BLE-WiFi Bridge offers, through a web page, the possibility of remote control of the system through an IP protocol communicating over the Internet (I.o.T.).

Remote control via the Internet





code colour
BLE-DALI 32 interface for recessed luminaire

PA01 00

VIN = 100 - 277 Vac Typical power = 1 W
BLE 2.4 GHz - DALI: 32 addresses
dimensions 254x39x32 mm
Built-in beacon



code colour
BLE-DALI 4 interface for recessed luminaire

PA61 00

VIN = 100 - 277 Vac Typical power = 1 W
BLE 2.4 GHz - DALI: 4 addresses 0-10 V max 10 mA
dimensions 140x68x32 mm
Built-in beacon



code colour
BLE-DALI 32 interface mains voltage track

PA02 01-04

VIN = 100 - 277 Vac Typical power = 1 W
BLE 2.4 GHz - DALI: 32 addresses
dimensions 313x55x39 mm
Built-in beacon



code colour
4-button interface
Allows 4 normally open buttons to be connected for ON/OFF and group control.
It is connected on the DALI bus

J777 00



code colour
BLE-DALI 32 outdoor interface

PA03 00

VIN = 100 - 277 Vac Typical power = 1 W
BLE 2.4 GHz - DALI: 32 addresses 0-10 V max 10 mA
dimensions 230x113x67 mm
IP67 / Built-in beacon



code colour
BLE-WiFi Bridge

PA59 04

BLE 2.4 GHz - WiFi 802.11 b/g - HT 802.11n
dimensions 64x27x10 mm
Operates with a 5 V - 2 A USB A power adapter (not supplied)

The BLE-WiFi Bridge extends the coverage of the Bluetooth signal when a WiFi network is available at the site where the system is installed. It synchronises date and time with components for scheduler operation.

This component allows remote control of the system via IP using a special PC program.
It allows the Quick BLE to be integrated into BMS systems.
For these requirements, contact the company.

All components offer OTA (Over The Air) upgrading



code colour
4-button Bluetooth keypad

PB31 00

Operation without batteries
Operation with batteries, EnOcean technology.
Dimensions: 81x81x14 mm



code colour
Recessed Bluetooth multisensor

PA88 01

Measures lux and movement, mounting height between 2.4 and 3.5 m. Built-in beacon 12/24 Vdc power supply, PA98 accessory power supply available.
Dimensions: Ø 45x40 mm, installation hole Ø 40 mm.



code colour
BLE-DALI 4 interface for iN 60 / iN 90

PA66 00

Can be installed inside the product, equipped with quick-fit connectors. Check up to 4 DALI addresses.
Built-in beacon
Dimensions: 94x49x30 mm.



code colour
Ceiling Bluetooth multisensor

PA62 01

Measures lux and movement, mounting height between 2.4 and 3.5 m. Built-in beacon 12/24 Vdc power supply, PA98 accessory power supply available.
Dimensions: Ø 50x50 mm.



code colour
BLE-DALI 4 interface for iN 60 MMO

PC07 00

Can be installed inside the product.
Controls up to 4 DALI addresses.
Built-in beacon
Dimensions: 94x49x30 mm.



code colour
Electronic power supply 24 V 13 W

PA98 00

24 V 13 W constant voltage electronic power supply for Bluetooth Multisensors.
Dimensions: 158x22x19 mm. Fits into PA88 code hole.
Vin= 220-240 Vac - Vout= 24 Vdc



code colour
BLE-DALI 4 interface for iWay

X478 00

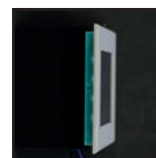
Can be installed inside iWay Super Comfort bollards with bollard h = 529 and h = 919 mm.
Built-in beacon
Optional installation plate code X529.
Dimensions: 235x80x68 mm.

Quick DALI

DALI Touch display 7"



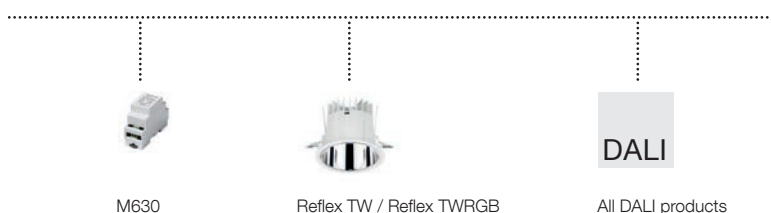
- Light management system for DALI luminaires with 7-inch 800x640 pxl colour touch screen.
- Halo effect around the frame.
- Brightness, colour temperature and RGB colour control.
- Some extended features, such as colour palettes and natural light simulation, also work with DALI DT8 luminaires.
- Configuration of time-dependent groups, scenes and sequences. Retrieval of pre-defined scenes. Retrieval of pre-defined sequences.
- Daily sequential program (scheduler)
- Has 2 DALI outputs with 64 addresses.
- Software updates via Ethernet or simple USB stick which can also be used to change the background image.
- Dimensions L x H 20 x 15 cm, wall-frame distance 1 cm.
- Mounted on wall or panel considering a compartment for connector/4x4 cm cable passage.



Framing halo effect

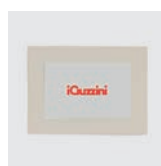


MZ01



Max 64 addresses*

* with a second M630 power supply, it is possible to add 64 more addresses using a second DALI line



code colour

DALI touch display 7"

MZ01* 12

The system can be configured for Reflex Tunable White RGB, Tunable White, monochromatic and RGB luminaires

Manages up to 128 addresses

*Functions in combination with code M630



code colour

DALI Din PS2 power supply

M630 01

To supply DALI devices or control modules without 240mA power supply. Installation in switchboards.

Quick DALI

DALI Touch panel TWRGB / TW



For Reflex TWRGB



For Reflex TW
Laser Blade TW High Contrast
Isola TW
iPro TW



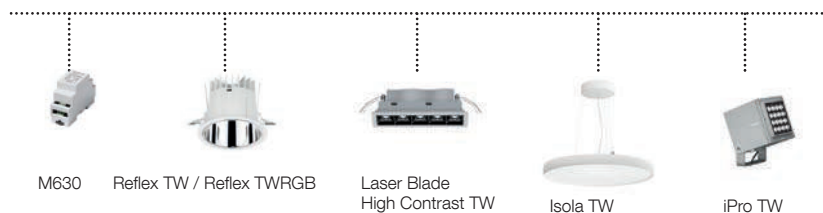
- The DALI Touch Panel TWRGB (MZ00) is a touch control panel made of plastic for Reflex TWRGB that exploits the potential of the DALI DT8.
- It is a Plug and Play device.
- Progressive control of brightness, white colour temperature and RGB colours with + and - keys.
- Installation on a wall-mounted box with optional 60 mm fixing distance.
- Dimensions LxH 8,2x11,1 cm.
- The DALI Touch Panel TW (X479) has a glass surface for Reflex TW, Laser Blade TW High Contrast, Isola TW, iPro TW that exploits the potential of the DALI DT8.
- Colour temperature and intensity can be directly adjusted using the colour wheel.
- The corner keys mean you can store and retrieve 4 scenes.
- It has an indicator LED showing which colour temperature is emitted by the devices.
- Installation on a wall-mounted box with 60 mm fixing distance. Dimensions LxH 9,2x9,2 cm.



MZ00 max 64
Reflex TWRGB



X479
max 64 TW devices



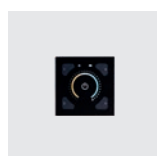
M630

Reflex TW / Reflex TWRGB

Laser Blade
High Contrast TW

Isola TW

iPro TW



code colour

DALI touch panel TW

X479* 01-04

Pre-configured system for Reflex Tunable White, Laser Blade TW High Contrast, Isola, iPro TW
Manages up to 64 products

*Functions in combination with code M630



code colour

DALI Din PS2 power supply

M630 01

To supply DALI devices or control modules without 240mA power supply.
Installation in switchboards.



DALI touch panel TWRGB

MZ00* 01

Pre-configured system for Reflex Tunable White RGB
Manages up to 64 products

*Functions in combination with code M630



Recessed wall-mounted box
70x70mm

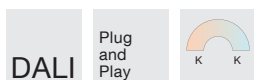
ML15 16

Quick DALI

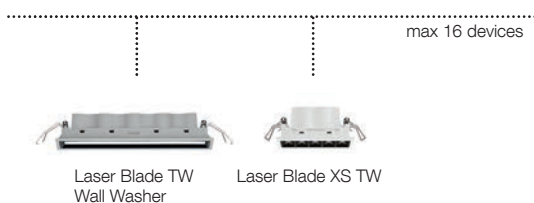
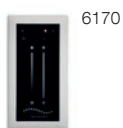
DALI Touch Slide TW



01
WHITE



- Touch control panel made of plastic for Plug & Play use of Laser Blade and Laser Blade Wall Washer and Laser Blade XS Tunable White DT6 devices.
- Simple and intuitive control.
- The surface has 2 sliders with touch points for manual setting the lighting intensity and colour temperature.
- All operating components are included as well as the slim power supply/controller installed in a remote position (max 100 m from the panel).
- Installation on a wall-mounted box with optional 60 mm fixing distance.
- Dimensions L x H 9 cm x 16 cm, thickness 1 cm.



code colour

DALI touch panel

6170 01

Operation and regulation device of Tunable white systems. It manages max. 16 Tunable white products.



code colour

Recessed wall-mounted box
70x70mm

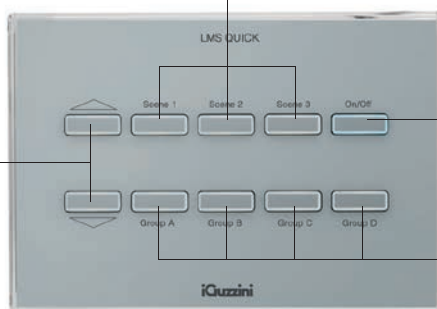
ML15 16

Farah Hospital - Amman, Jordan
Architectural project: Tahhan and Bushnaq
Photo: Ieva Saudargaite



Retrieve scenes 1,2,3 hold down:
save new scene

Adjusting keys
to increase or reduce the luminous flux
in the area



On/Off: switch on and
switch off area lighting

On/Off and adjustment
of units A,B,C,D



It is an open management system that uses the DALI communication protocol to create customised flexible lighting directions while ensuring maximum energy saving. Lighting converts the space into a cosy setting where light and colour come to life and arouse emotions in a dynamic sequence of perceptive variations.

The control panel allows to select and play different light and colour scenes according to the desired effects and atmospheres.



iGuzzini infrared control (compatible with universal infrared control)



Customized cover



iGuzzini keypad compatible with Eurostandard and Schuko junction boxes

Programmable

This configuration turns the LMS Quick system into a versatile and powerful control system for DALI devices, for systems with up to 64 addresses. The software (code 9721) can be used to program devices as preferred and to combine them with groups, as well as create scenes and sequences. Refer to the installation manual for possible combinations such as additional slave panels, presence and lux sensors.



9718



9908



9721

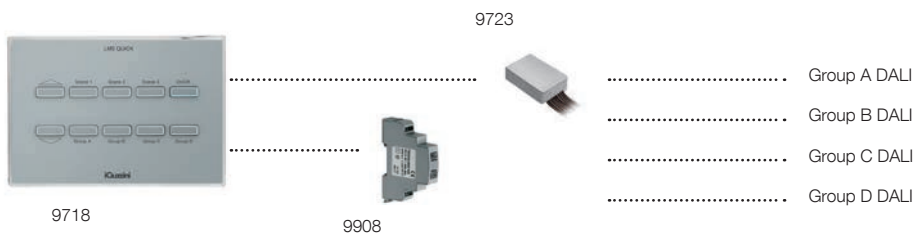
DALI standard

DALI devices/interfaces (no DT8)
Monochromatic
RGB
RGBW
PWM (e.g. 9639)

For addresses, loads and operating modes, refer to the instruction sheets

Plug and Play

The 9723 component turns the LMS Quick into a Plug & Play system that is easy to install and configure without the need for programming software. The DALI devices are combined with the groups in relation to the wiring line (from group A to group D). The behaviour of the devices is set during installation by choosing one of the 9 programs using the rotary selector. The 9 programs refer to the most common operating modes in the contexts shown at the side. Refer to the instruction manual for possible combinations such as additional slave panels, presence and lux sensors.



DALI devices / interfaces (no DT8)
 Monochromatic RGB (no RGB on Group D)

For addresses, loads and pre-set operating modes, refer to the instruction sheets

Plug and Play



Open Office



Office



Meeting



Retail



Spa



Places of worship



size Quick DALI (keypad whit 10 keys + built-in controller)

115x80x20h **code colour** **9718 01-15**

10-key panel to control all groups and scenes configured in the system.
 1 on/off key, 2 dim keys, 4 group keys and 3 scene keys.
 Installation on standard 503 recessed box (not included).
 Max. 7 groups/scenes.
 Max. 64 DALI loads.
 Max. 10 peripheral units (button interface, multi-sensor, auxiliary key panel).
 Plug and Play solution with Split and Play device.
 Reconfiguration of scene and group keys from PC.
 Manages all light sources (halogen, fluorescent, incandescence, LED, discharge).
 Used to control RGB lamps.
 Can be customized with printed covers.
 Rx/Tx IR on board.



Auxiliary keypad with 10 keys

code colour **9719 01-15**

10-key panel to load max. 7 groups/scenes, general dimming, and on/off.
 Installation on standard 503 recessed box (not included).
 Can load the same functions saved in the LMS QUICK master panel during configuration.
 Can be customized with printed covers.



code colour Plug and Play device

45x45x16h **9723 00**

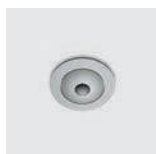
Device for Plug and Play installation of LMS QUICK system with max. 4 groups.
 Provided with 4 outputs, one for each lamp group.
 Installation is started with a combination of keys.



code colour Push-button interface with 8 buttons

9722 00

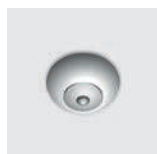
The interface inputs have the same fixed functions that replicate the functions of the master panel:
 One ON/OFF button.
 Four keys to load the lamp group.
 Three keys to call the light scene.



code colour Recessed multi-sensor

IR + Lux + Human Detector **9711 01**

Recessed sensor
 Lux **9747 01**



code colour Surface-mounted multi-sensor

IR + Lux + Human Detector **9708 01**

Surface-mounted sensor
 Lux **9752 01**



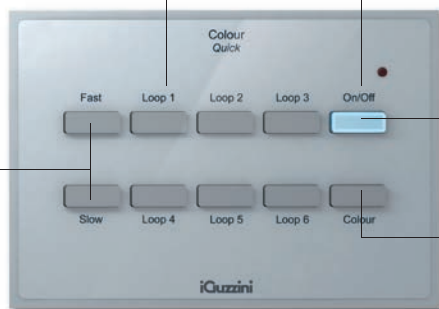
01
WHITE

15
GREY

	code colour		code colour
	IR remote control 9720 01		DALI 1x 4A relays PA49 00
	DALI 12 V transformer for 35-105 W dimming 9634 00 Power: 35-105W. Input voltage: 230-240 10%, +6% Vac Network frequency: 50/60Hz. Output voltage: 11.6 Vac. DALI load: 2mA. DALI address: 1. Dimming range: 1-100%. Soft-start lighting up. Room temperature: Ta -10/+50°C. Protection against overheating and overloads with automatic regulation. Protection against short-circuit with automatic reset. Class II. Occupies 1 DALI address.		Maximum load current: 4mA 1 NO/NC contact Maximum switching voltage 250 Vac / 35 Vdc DALI load: 12mA. DALI 1 logic addresses Min load 1.2 W Max load 1000 W for resistive load Room temperature: Ta 0-50°C. Free installation
	DALI 4x 10A relays PA50 00		DALI -> 1-10V converter G765 00
	Maximum current load: 4x10A. Input voltage: 220-240 Vac Nominal frequency: 50/60Hz. 4 clean NO contacts DALI load: 2mA. DALI address: 4. Max load 10 A for resistive load 8 A for incandescent load 5 A for inductive load Room temperature: Ta 0-40°C. Class I. Installation on DIN track Number of DIN modules: 5		Maximum load: 10 A (for resistive load), 5 A (for inductive load). Input voltage: 230 +/- 10% Vac. Network frequency: 50/60Hz. Output signal: 1-10V. Maximum number of connectable lamps 1x18W max 30 2x18W max 20 1x36W max 30 2x36W max 20 1x58W max 20 2x58W max 10 DALI load: 2mA. DALI address: 1. Dimming range: 1-100%. Output wire maximum length: 100 metres. Class II. Installation on DIN track. Number of DIN modules: 4.
	DALI Booster 64 Electronic device for the expansion of DALI systems (up to 64 addresses) G745 00		Electronic power supply designed to mount on a DIN standard profile 10W 9908 00
	Input voltage: 220-240 -10%, +6% Vac. Network frequency: 50/60Hz. DALI load: 2mA. DALI address: 1. Internal DALI power supply unit for 64 DALI addresses (Max power 128 mA). Class IP20. Number of DIN modules: 4. Push Dim		Input voltage: 90-260Vac. Output voltage: 24+/-3%Vdc. Frequency: 48/63Hz. Nominal power: 10W. Yield: 80%. Number of DIN modules: 1.

Colour light scenes allow for using 6 predefined sequences

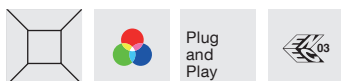
Control buttons used to change the execution speed of the selected sequence



On/off in soft mode

Buttons with luminous memory

Selection of specific colours at each touch it is possible to vary colour up to max 7



Intuitive and simple: Colour Quick a colour management system used to control LED and RGB fluorescent lighting systems. It plays predefined scenes and sequences to design settings with total flexibility. Space is alive and in continuous motion, with the possibility to create customised lighting directions.

Used to attract, communicate and signal, colour highlights and valorises all settings that need a magic suggestive atmosphere. The system is automatically configured with Plug and Play technology for immediate use.



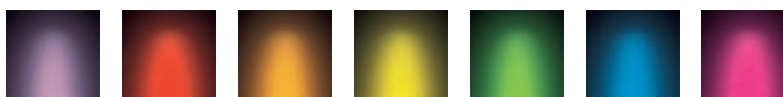
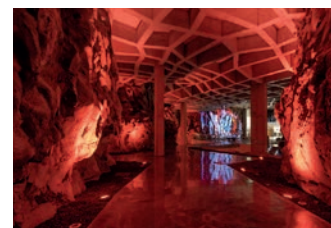
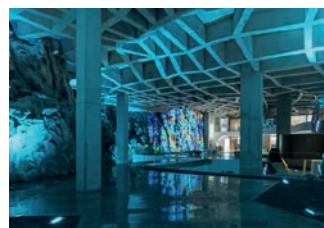
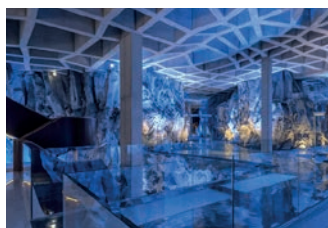
Remote control



Compatible with Eurostandard and Schuko connection boxes

Functions

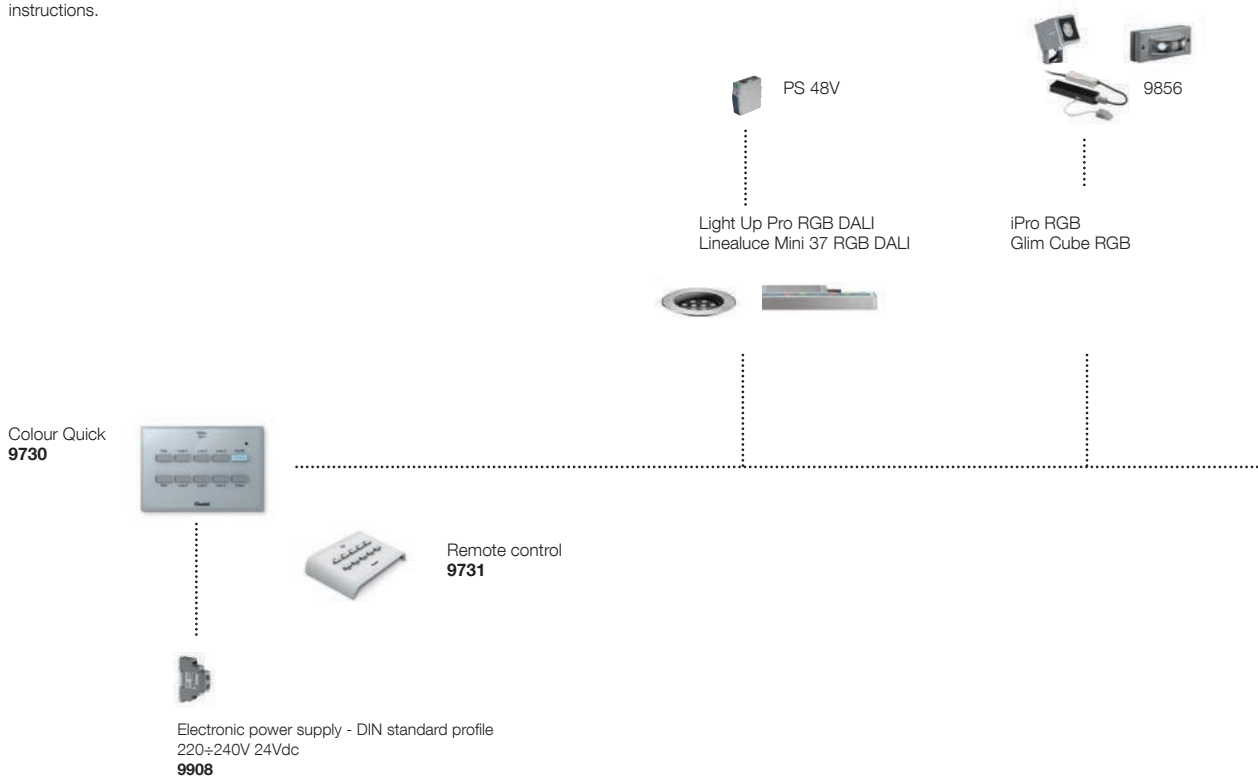
The buttons with light memory are used to obtain max. 7 colour variations, 6 predefined sequences and change the speed of the selected sequences.






Max 64 DALI loads

The number of products that can be managed by the system is determined by the ratio between the maximum permitted load (64 DALI loads) and the individual loads for each product.

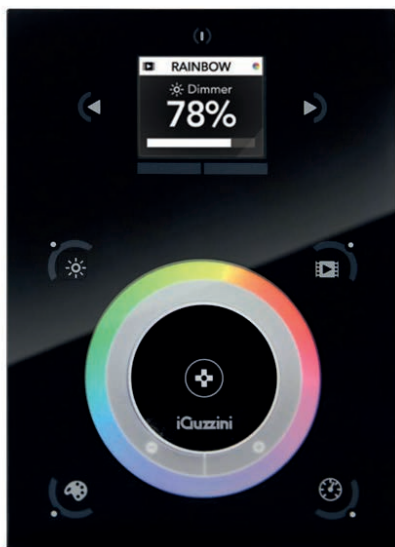
For the system definition, refer to the instructions.



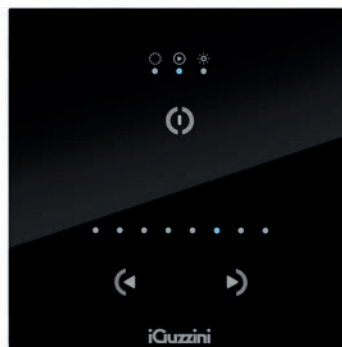
	size	code colour		code colour
	Colour Quick 115x80x20h	9730 01-15		Electronic power supply designed to mount on a DIN standard profile 10W 9908.00
	Remote control	9731 01		Input voltage: 90-260Vac Output voltage: 24+/-3%Vdc Frequency: 48/63Hz Nominal power: 10W Number of DIN modules: 1

Quick DMX

Touch DMX 512 / Touch DMX 128



Touch DMX 512



Touch DMX 128



- The panels are used to control the DMX RDM devices indicated in the outline diagram in Plug & Play mode.
- Using the software supplied (programmable configuration), DMX systems can be created with extended functions and additional device models can be connected.
- The panels have a glass front.
- Equipped with a compact power supply.
- Installation on a wall-mounted box with 60 mm fixing distance.

- Touch DMX 512 manages 512 channels for each of the 2 lines; it has an intuitive colour wheel, display, touch areas for practical selection of scenes and adjustment of the intensity, colour and performance speed of the sequences.
- Dimensions: LxH 10,6 cm x 14,6 cm, thickness 1 cm.

- Touch DMX 128 manages 128 channels. It is compact and has essential commands such as intensity adjustment, colour selection, scene selection and sequence speed.
- Blue signal LEDs assist selection operations.
- Dimensions: L x H 8,6 cm x 8,6 cm, thickness 1 cm.



Compatible with Eurostandard and Schuko connection boxes

Programmable

The following devices can be used with the attached programming software for the panel.

All products provide the same colour.

- Agorà RGBW/TW DMX
- Platea Pro RGBW/TW DMX
- Linealuce 47 and 75 RGBW/TW DMX
- Linealuce 37, 47 and 75 white DMX
- iPro RGBW/TW Multi Chip DMX
- iPro TW C.o.B. DMX
- Light Up Earth RGBW
- MaxiWoody TW
- Underscore TW

For scenes involving tracking/rainbow effects etc., equipment programming is also required. Contact iGuzzini

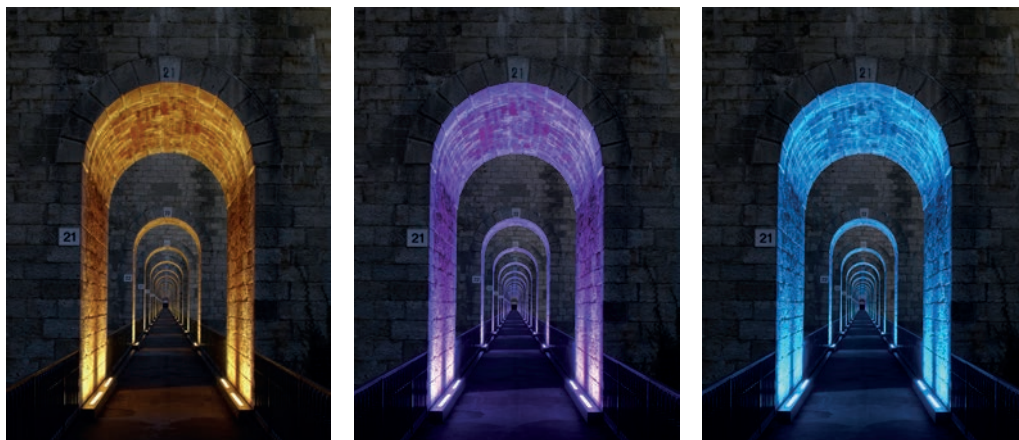


Plug and Play

The X294 panel manages the following RGB devices indicated below with pre-set scenes and sequences. The colour wheel and the display are used to select colours and intensity as preferred.

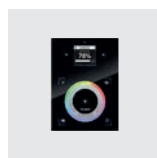
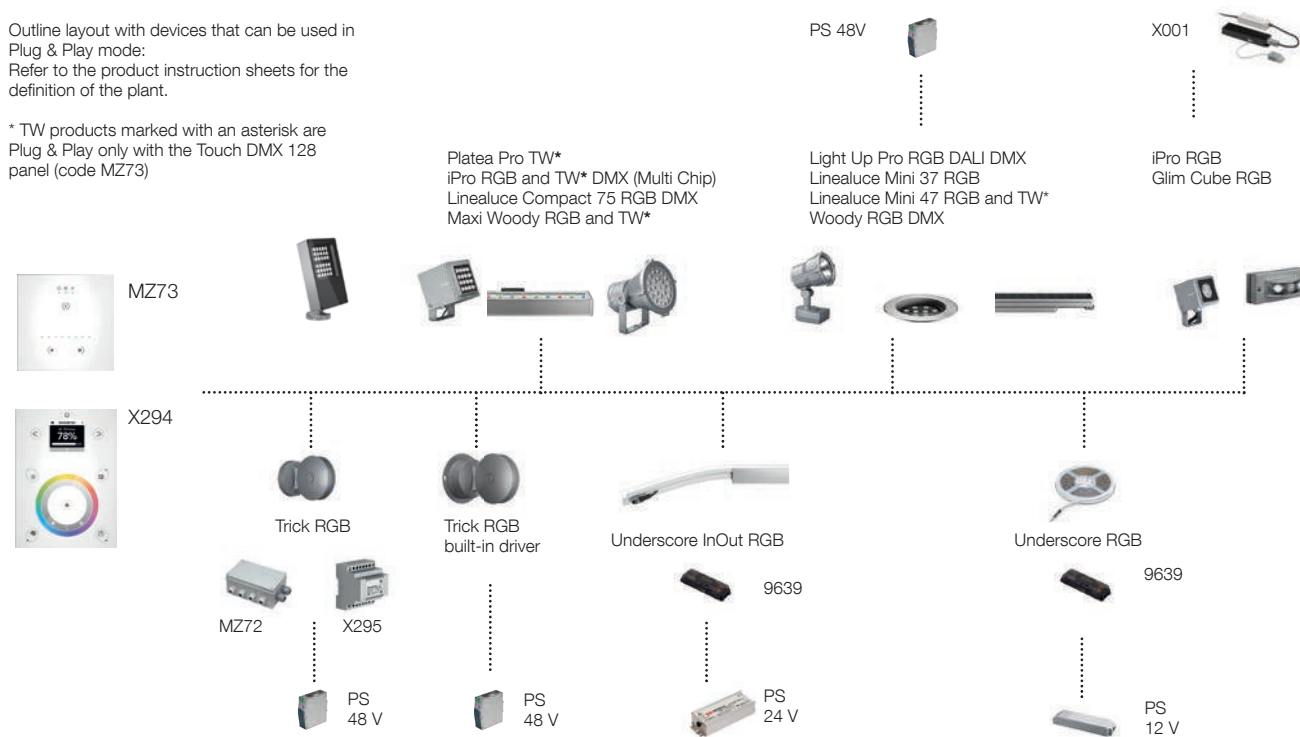
The MZ73 panel manages the following RGB and TW devices indicated below with pre-set scenes and loops. The buttons and LED indicators ensure simplified and effective management.

When the panels are used in Plug & Play mode, all devices implement the same colour.



Outline layout with devices that can be used in Plug & Play mode:
Refer to the product instruction sheets for the definition of the plant.

* TW products marked with an asterisk are Plug & Play only with the Touch DMX 128 panel (code MZ73)



Touch DMX 512
Complete with power supply unit
Manages 2x512 DMX channels

code colour

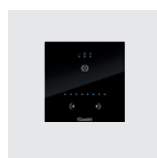
X294 01-04



Recessed wall-mounted box
70x70mm

code colour

ML15 16

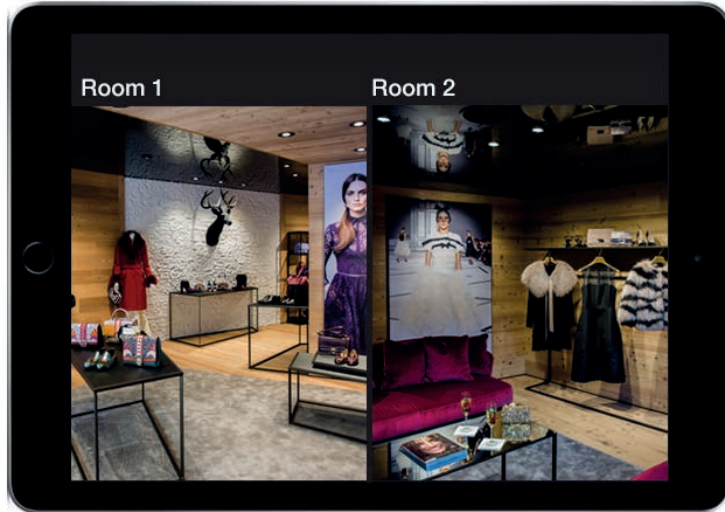


Touch DMX 128
Complete with power supply unit
Manages 128 DMX channels *

code colour

MZ73 01-04

Master Pro Evo KNX



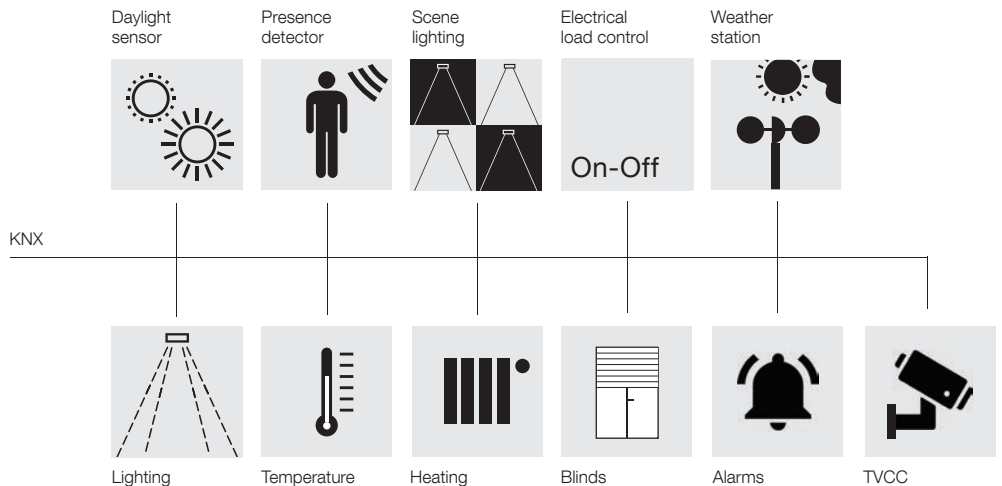
KNX DALI

This innovative and "intelligent" control system, based on KNX and DALI technologies, allows centralised management of all functions in a building that are otherwise usually controlled separately. Master Pro Evo offers flexible solutions for all kinds of application; solutions that guarantee comfort, safety and maximum energy savings.

Customized project
iGuzzini's staff of technicians and designers is always on hand to advise optimal configurations of the Master Pro Evo system. Every project is designed taking into account the customer's specific requirements.

Centralized control

Adopting simple programmable logic controllers in a traditional system can guarantee users optimal comfort. KNX systems now mean it is possible to study flexible solutions capable of covering all applications, from the simplest to the most complex in the tertiary sector. User-friendly installation, less cables, and a range of services including scene lighting, fault indications, and local and remote control systems, now combine to offer real added value solutions.



Conference halls

Automatic scene lighting control commands

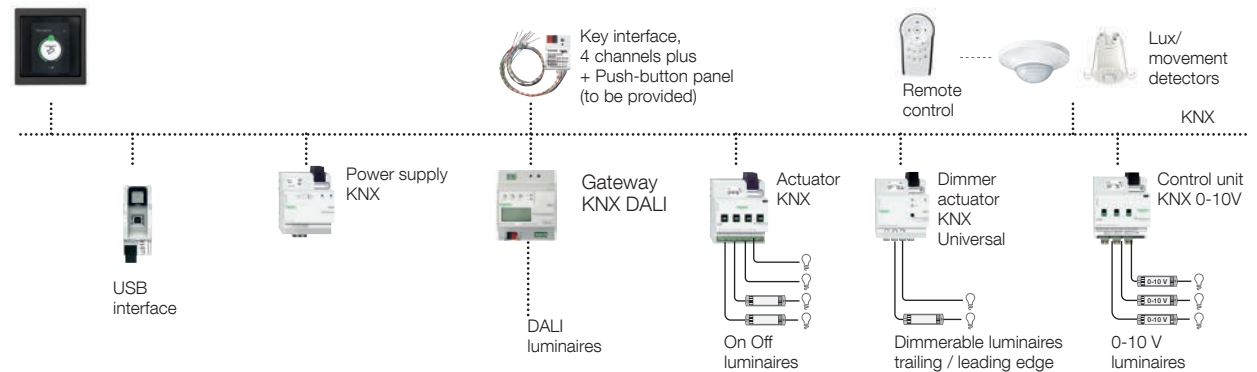
Depending on the functions and uses required, customised lighting scenarios can be created in various areas of the building: meeting rooms, corporate welcome areas, offices, etc.



Benefits

- less electricity used compared to traditional systems for a room of similar size.
- More comfort for users and a more pleasant atmosphere in the room.
- Maximum design flexibility.
- Manual, automatic and remote adjustment via IR receiver.
- Easy maintenance.

Touch Panel 2.8"



Showroom

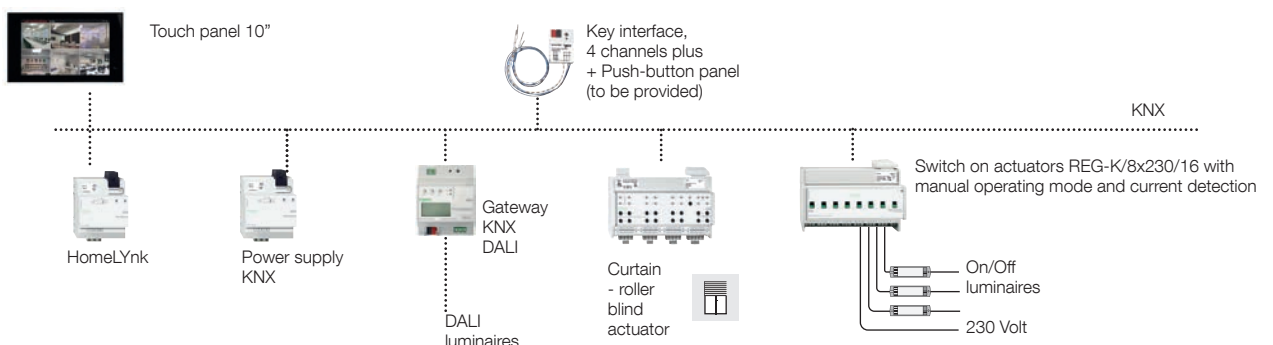
KNX switch on actuators connected to a load monitoring touch panel

Monitoring electrical loads after store closures, such as lighting systems, surveillance cameras and other kinds of devices, helps avoid unnecessary energy waste. This configuration also allows lighting systems to be programmed during the night.



Benefits

- Consumption monitoring and identification of waste can save up to and more than 10%.
- Greater safety thanks to automatic alarms and emergency calls.
- Maximum flexibility and easy design.



Master Pro Evo KNX

Offices

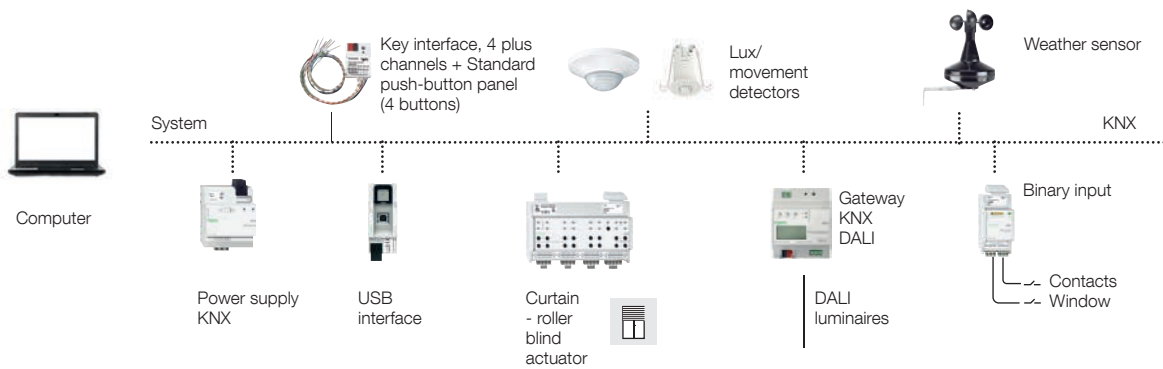
Presence detectors and light sensors

Automatic lighting and heating monitoring for the various offices is obtained through the interaction of sensors and actuators that eliminate manual intervention and offer increased safety, energy efficiency and comfort.



Benefits

- Automated room control reduces energy consumption by up to 35%.
- Greater safety thanks to automated alarms and emergency calls.
- Faster installation times
- Easy maintenance.



Museums and exhibition galleries

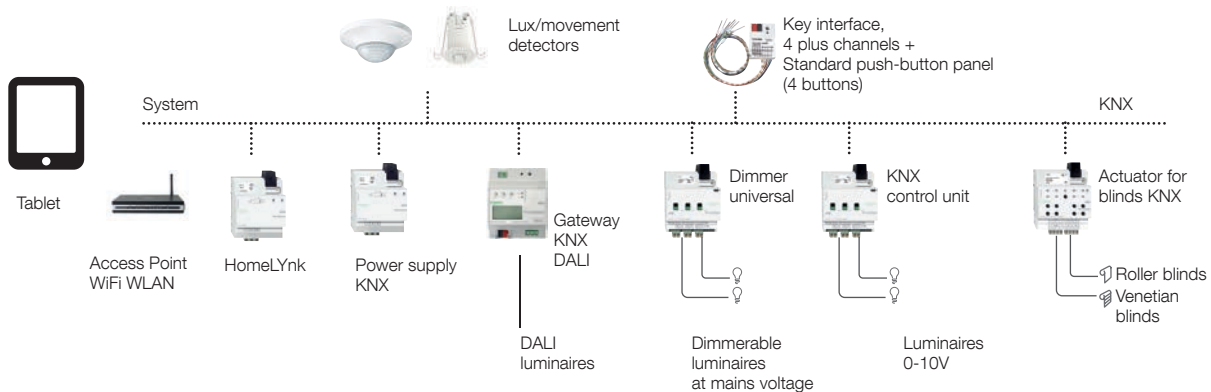
Presence detectors, light sensors and actuators for controlling blinds

The combination of various checking systems allows lighting to be controlled automatically and blinds to be regulated according to how the rooms are used, what their position is and the level of natural light.



Benefits






- Possibility of saving up to 50%.
- Greater safety thanks to automated alarms and emergency calls.
- Remote control and monitoring.
- Easy maintenance.
- Greater flexibility and easy installation.









01
WHITE

System Components





	<p>code colour</p> <p>KNX REG-K/320 mA power supply</p> <p>MH93 00</p> <p>A module adapted to generate the bus voltage required to power a line of devices. Current: 320 mA</p>		<p>code colour</p> <p>REG, 24 V CC / 0.4 A< power supply</p> <p>MH57 00</p> <p>Device with integrated overload or short circuit protection fitted on the DIN EN5022 profile and adapted to provide an auxiliary power supply to the KNX components.</p>
	<p>KNX REG-K/640 mA power supply</p> <p>MI56 00</p> <p>A module adapted to generate the bus voltage required to power a line of devices. Current: 640 mA</p>		<p>Infrared remote control Distance 2010</p> <p>MH95 01</p> <p>10 channel infrared remote control</p>
	<p>REG-K coupler</p> <p>MH94 00</p> <p>For the logic connection and electrically isolating lines and areas.</p>		

Interfaces / Gateways








	<p>code colour</p> <p>USB REG-K interface</p> <p>MH96 00</p> <p>For connecting a programming or diagnostic device to the bus line via a USB1.1 or USB2 interface.</p>		<p>code colour</p> <p>KNX/IP REG-K router</p> <p>MH98 00</p> <p>The KNX/IP routers can also forward telegrams between lines using the LAN (IP) as a rapid backbone.</p>
	<p>KNX DALI REG-K/1/16(64)/64 Gateway</p> <p>MH97 00</p> <p>The DALI gateway connects the KNX protocol to the DALI interface digital electronic devices. Up to a maximum of 64 addresses can be controlled and adjusted.</p>		<p>Home Lynk home Automation Expert Solution</p> <p>M618 00</p>

Master Pro Evo KNX


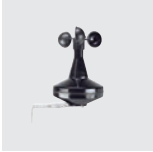

Inputs / Binaries

	<p>code colour</p> <p>Key interface, 2 plus channels</p> <p>MI02 00</p> <p>This generates an internal signal voltage that connects two conventional buttons or floating contacts as well as connecting two low current LEDs.</p>		<p>code colour</p> <p>REG-K/4x24 binary input</p> <p>MI06 00</p> <p>For connecting four inputs with a voltage of 24 V AC/DC. With an integrated bus coupler and life-connected terminals.</p>
	<p>Key interface, 4 plus channels</p> <p>MI03 00</p> <p>This generates an internal signal voltage that connects four conventional buttons or floating contacts as well as connecting four low current LEDs.</p>		<p>REG-K/8x24 binary input</p> <p>MI07 00</p> <p>For connecting eight inputs with a voltage of 24 V AC/DC.</p>
	<p>REG-K/4x10 binary input</p> <p>MI04 00</p> <p>For connecting four conventional buttons or potential free contacts. It generates an SELV signal voltage internally that is electrically isolated by the bus.</p>		<p>REG-K/4x230 binary input</p> <p>MI08 00</p> <p>For connecting four inputs with a voltage of 230 V AC. With an integrated bus coupler and life-connected terminals.</p>
	<p>REG-K/8x10 binary input</p> <p>MI05 00</p> <p>For connecting eight conventional buttons or potential free contacts. It generates an SELV signal voltage internally that is electrically isolated by the bus.</p>		<p>REG-K/8x230 binary input</p> <p>MI09 00</p> <p>For connecting eight inputs with a voltage of 230 V AC. With an integrated bus coupler and life-connected terminals.</p>




Lux/movement detectors

	<p>code colour</p> <p>KNX Presence Basic</p> <p>MI10 01</p> <p>Indoor movement detector</p>		<p>code colour</p> <p>Recessed KNX Presence</p> <p>MI58 01</p> <p>Indoor movement detector with anti-scratch cover.</p>
	<p>KNX Presence with light command and infrared receiver</p> <p>MI11 01</p> <p>Indoor lux/movement detector Thanks to the infrared receiver, the individual sensor configurations can be changed via remote control.</p>		<p>Frame for recessed KNX Presence</p> <p>MM30 01</p>
	<p>Ceiling assembly base for KNX Presence</p> <p>MI12 01</p>		<p>Recessed wall-mounted box 60x60mm</p> <p>ML15 16</p>
	<p>Recessed KNX Mini Presence detector</p> <p>PC11 01</p> <p>Recessed indoor lux/movement detector Installation range from 2 to 5 m. Typical height 2.8 m. complete with springs for thicknesses from 1 to 30 mm. Dimensions: Ø 43x71 mm.</p>		



Light sensors / Weather stations

	<p style="text-align: center;">code colour</p> <hr/> <p>KNX light and temperature sensor</p> <p style="text-align: center;">MI13 00</p> <hr/> <p>The sensor registers the light and temperature and transmits them to the bus. It is fitted with a temperature and a light sensor. Adapted for outer wall assembly.</p>		<p style="text-align: center;">code colour</p> <hr/> <p>Combined weather sensor with DCF-77</p> <p style="text-align: center;">MI15 04</p> <hr/> <p>The combined weather sensor includes a wind sensor, a rainfall sensor, a dusk sensor and three light sensors (east, south and west). Plus an integrated DCF-77 receiver, a 45° adjustable antenna and integrated heating.</p>
	<p style="text-align: center;">code colour</p> <hr/> <p>REG-K weather station with 4 channels</p> <p style="text-align: center;">MI14 00</p> <hr/> <p>The weather station registers and processes analogue sensor signals indicating wind speed, light, dusk, rainfall and a DCF-77 signal. It can be fitted to any combination of up to four analogue sensors plus the combined DCF-77 weather sensor.</p>		





Switch actuators

	<p style="text-align: center;">code colour</p> <hr/> <p>FM KNX 16 A actuator with 2 inputs</p> <p style="text-align: center;">MI18 00</p> <hr/> <p>A 1-channel actuator with two inputs for assembly in a 60 mm recessed case or in a ceiling-mounted socket with coupling. The two floating contacts can be connected to two inputs.</p>		<p style="text-align: center;">code colour</p> <hr/> <p>Switch actuator REG-K/4x230/16 with manual mode option and current detector</p> <p style="text-align: center;">MI20 00</p> <hr/> <p>For controlling four electric loads independently. The actuator is fitted with a built-in current detector that can measure the load current on each channel. All the outputs can be commanded using manual switches.</p>
	<p style="text-align: center;">code colour</p> <hr/> <p>Switch actuator REG-K/2x230/16 with manual mode option and current detector</p> <p style="text-align: center;">MI19 00</p> <hr/> <p>For controlling two electric loads independently. The actuator is fitted with a built-in current detector that can measure current absorption on each channel. All the outputs can be commanded using manual switches.</p>		

Time / timer programmer

	<p style="text-align: center;">code colour</p> <hr/> <p>REG-K/4/324 DCF-77 annual timer</p> <p style="text-align: center;">MI16 00</p> <hr/> <p>Annual four-channel timer with a power feed unit and integrated DCF receiver. To be integrated with the DCF-77 antenna for radio controlled timing synchronisation. Time and date view option on the bus. The device can be programmed manually or via a PC with the appropriate software.</p>		<p style="text-align: center;">code colour</p> <hr/> <p>DCF-77 antenna</p> <p style="text-align: center;">MI17 00</p> <hr/> <p>Antenna for receiving the time via a time signal. The antenna can be connected to an annual programmer REG-K/4/324 DCF-77.</p>
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Switch actuators

	<p style="text-align: center;">code colour</p> <hr/> <p>Switch actuator REG-K/8x230/16 with manual mode option and current detector</p> <p style="text-align: center;">MI21 00</p> <hr/> <p>For controlling eight electric loads independently. The actuator is fitted with a built-in current detector that can measure the load current on each channel. All the outputs can be commanded using manual switches.</p>		<p style="text-align: center;">code colour</p> <hr/> <p>REG-K/8x16x10 switch/blind actuator with manual mode option</p> <p style="text-align: center;">MI23 00</p> <hr/> <p>For controlling eight blind/shutter motors independently or for switching sixteen loads via closure contacts. The blind or switch channel function can be configured as required. All the blind/switch outputs can be commanded manually using the buttons on the front of the device.</p>
	<p style="text-align: center;">code colour</p> <hr/> <p>Switch actuator REG-K/12x230/16 with manual mode option and current detector</p> <p style="text-align: center;">MI22 00</p> <hr/> <p>For controlling twelve electric loads independently. The actuator is fitted with a built-in current detector that can measure the load current on each channel. All the outputs can be commanded using manual switches.</p>		<p style="text-align: center;">code colour</p> <hr/> <p>REG-K/4x24/6 blind actuator with manual mode option</p> <p style="text-align: center;">MI24 00</p> <hr/> <p>For controlling four blind/shutter motors independently. The blind channel function can be configured as required. All the blind outputs can be commanded manually using the buttons on the front of the device.</p>

Dimmer

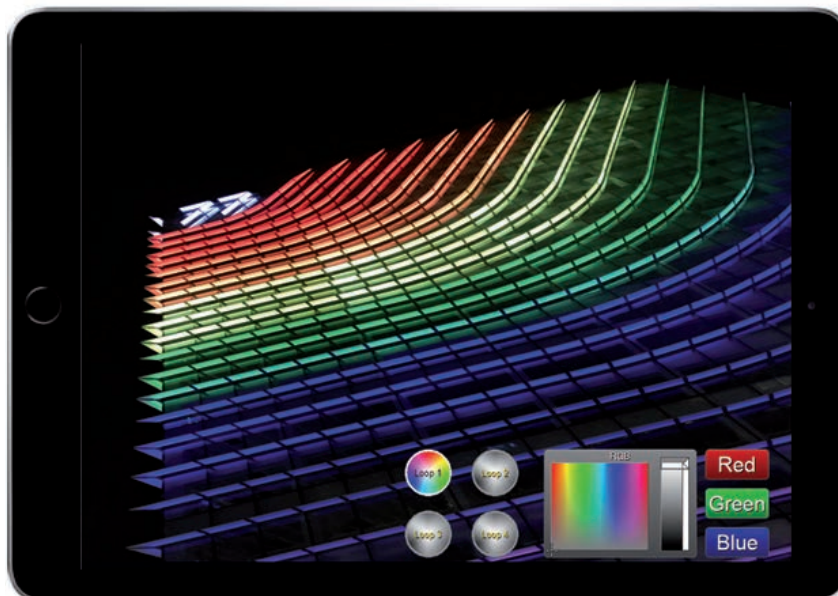
	<p style="text-align: center;">code colour</p> <p>Dimmer at mains voltage REG-K / 2x230 / 300W</p> <p style="text-align: center;">MI25 00</p> <p>For controlling and adjusting incandescent lamps and electronic transformers.</p>		<p style="text-align: center;">code colour</p> <p>Control unit 0-10 V REG-K with 3 outputs and manual mode</p> <p style="text-align: center;">MI27 00</p> <p>For connecting devices with a 0-10 V KNX systems interface. With an integrated bus coupler and life terminals (230 V) or life-connected terminals (0-10 V). Each individual 230 V switch output can be controlled manually with a switch.</p>
	<p style="text-align: center;">code colour</p> <p>Dimmer at mains voltage REG-K / 2x230 / 1000W</p> <p style="text-align: center;">MI26 00</p> <p>For controlling and adjusting incandescent lamps and HV and LV halogen lamps using bobbin wound transformers or electronic dimmer devices.</p>		

Display and command panels and pushbuttons

	<p style="text-align: center;">code colour</p> <p>Touch Panel Client Android 10"</p> <p style="text-align: center;">Q739 04</p>		<p style="text-align: center;">code colour</p> <p>KNX Multitouch Pro 2.8"</p> <p style="text-align: center;">Q737 04</p>
	<p style="text-align: center;">code colour</p> <p>Recessed box</p> <p style="text-align: center;">Q741 00</p>		<p style="text-align: center;">code colour</p> <p>Recessed wall-mounted box 70x70mm</p> <p style="text-align: center;">ML15 16</p>
	<p style="text-align: center;">code colour</p> <p>Electronic power supply designed to mount on a DIN standard profile 72 W</p> <p style="text-align: center;">9910 00</p> <p>$V_{IN}=220\div240V_{ac} / 50\div60Hz$ $V_{OUT}=24V_{dc} \pm 2\%$ (SELV)</p>		<p style="text-align: center;">code colour</p> <p>Single frame</p> <p style="text-align: center;">Q738 70</p>
	<p style="text-align: center;">code colour</p> <p>KNX Pro button</p> <p style="text-align: center;">Q743 01</p>		
	<p style="text-align: center;">code colour</p> <p>Recessed wall-mounted box 70x70mm</p> <p style="text-align: center;">ML15 16</p>		
	<p style="text-align: center;">code colour</p> <p>Single frame</p> <p style="text-align: center;">Q738 01</p>		



Master Pro DMX



A “smart”, innovative control system, based on DMX RDM technologies allowing centralized management of all lighting functions, with dynamic colour change or monochrome, which are usually controlled separately.

Master Pro DMX offers flexible solutions for all requirements, guaranteeing maximum energy savings and the best possible effects in terms of using lighting to rapidly alter perceptions of spaces.

Customized projects

iGuzzini's staff of technicians and designers, on request, can help define the best configuration for the Master Pro DMX system. Every project is studied taking into consideration specific customer requirements.



Architectural

Customize control solutions to create your own signature style, enhance and highlight your ideas as regards exterior features of architecture whose meaning, in this way, changes all the time.



Retail

Display goods with elegance and inspire purchasing behaviour.



Hospitality

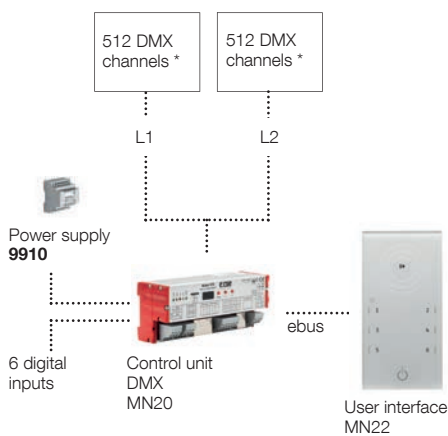
Arouse emotions and use light to create peaceful yet and intriguing atmospheres.

Speed and dynamism are the strong points of Master Pro DMX. The combination of the various modules allows DMX luminaires (monochrome, RGB, RGBW, WRGBW, white tuning) to be controlled in a way that makes it possible to create systems of any size. A customisable graphical user

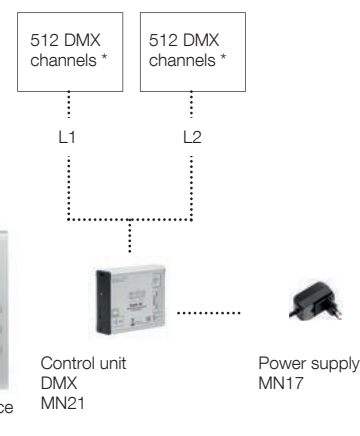
interface allows users to control the recall of fixed lighting setups or replay dynamic sequences from remote technological devices (WiFi or Ethernet). The system is made up of a DMX control unit named "Butler" and accessories for the use of additional, non-DMX luminaires. For small lighting systems, stand-

alone mode is possible, with a server, called a LCE, for on-line control of the entire system. This system can be integrated in The Building Automation using the related Gateway Connect EIB/KNX module and manage the Art-Net protocol.

Small systems

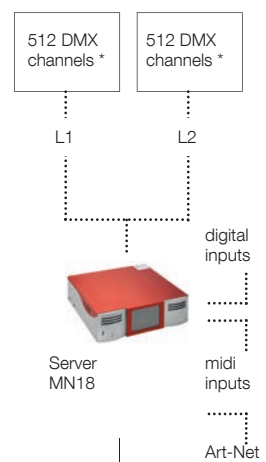


Optional devices (not supplied by iGuzzini) for manually controlling the system, retrieving and using commands pre-configured at the programming stage. Such devices cannot change the programming previously performed.



Medium systems





Large systems




* The DMX standard envisages the connection of max 32 products and/or max. 100m. For system extensions, use code **MN28**

Master Pro DMX







Control engines

	<p>code colour</p> <p>Server LCE "Lighting Control Engine" 600 W</p> <p>MN18 00</p> <hr/> <p>$V_N=100\div 240V_{ac}$</p>		<p>code colour</p> <p>Interface/Engine "Butler XT2" (1024 channels DMX/RDM) 34 W</p> <p>MN20 00</p> <hr/> <p>$V_N=12\div 24V_{dc}$ - Current $\geq 1.35A$ with 24Vdc e.bus (Glass touch panel)</p>
	<p>Server LCEMx "Lighting Control Engine mx" 100 W</p> <p>MN19 00</p> <hr/> <p>$V_N=24V_{dc}$ - Current 4A</p>		<p>Interface/Engine "Butler S2" (1024 channels DMX/RDM) 6 W</p> <p>MN21 00</p> <hr/> <p>$V_N=12\div 24V_{dc}$ via ext. PSU Current max 250mA $V_N=48V_{dc}$ via PoE (Power over Ethernet)</p>

User terminals








	<p>code colour</p> <p>Glass keyboard - Glass Touch T6R White</p> <p>MN22 01</p> <hr/> <p>$V_N=24V_{dc}$ - 18mA via e:bus - IP20</p>
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Interfaces and accessories

	<p>code colour</p> <p>"DMX2CC 6 channel"</p> <p>MN23 00</p> <hr/> <p>Dimmer DMX for high power LED products that use constant current dimming (CC, Constant Current) - 6 channels</p> <p>$V_N=24\div 48V_{dc}$ - max 4.5A - max 180 W</p> <p>Max output adjustable current: 50÷700mA for channel</p> <p>Max 12 LEDs per channel, up to a total of 72 LEDs</p> <hr/> <p>Provide a power supply with the same voltage as the product</p>		<p>code colour</p> <p>"DMX2PWM 9 channel"</p> <p>MN26 00</p> <hr/> <p>DMX dimmer for constant voltage (CV) LED products (PWM controllable) - 9 channels</p> <p>$V_N=12\div 48V_{dc}^*$</p> <p>Output current per channel: max 2A.</p> <p>Input continuous current (power supply): max. 14A</p> <hr/> <p>*Provide a power supply with the same voltage as the product</p>
	<p>"DMX2CC 12 channel"</p> <p>MN24 00</p> <hr/> <p>Dimmer DMX for high power LED products using constant current dimming (in CC, Constant Current) - 12 channels</p> <p>$V_N=24\div 48V_{dc}$ - max 9A - max 360 W</p> <p>Max output control current: 50÷700mA for channel</p> <p>Max 12 LED for channel, up to a total of 144 LEDs</p> <hr/> <p>Provide a power supply with the same voltage as the product</p>		<p>Gateway Connect EIB/KNX</p> <p>MN27 00</p> <hr/> <p>Converts the unidirectional data of the KNX (Konnex) protocol into the E:CUE (e:net) Ethernet protocol</p> <p>$V_N=24V_{dc}$ (21÷32Vdc) - 3W</p>
	<p>"DMX2PWM 3 channel"</p> <p>MN25 00</p> <hr/> <p>DMX dimmer for constant voltage (CV) LED products (PWM controllable) - 3 channels</p> <p>$V_N=12\div 48V_{dc}^*$</p> <p>Output current per channel: max 2.5A.</p> <hr/> <p>*Provide a power supply with the same voltage as the product</p>		<p>"RDM ISOLATOR"</p> <p>MN28 00</p> <hr/> <p>DMX signal amplifier/isolator</p> <p>$V_N=9\div 48V_{dc}$ - 1W</p>



Interfaces and accessories

	<p>6-way DMX512 splitter and amplifier bi-directional, DIN standard profile</p> <p>code colour</p> <p>MT87 00</p> <p>$V_{IN}=9\div 48Vdc$ - max 1.5A - 8 W</p>		<p>Electronic power supply designed to mount on a DIN standard profile 120 W</p> <p>code colour</p> <p>BZ14 00</p> <p>$V_{IN}=88\div 264Vac$ / 47÷63Hz $V_{OUT}=48\div 55V$ (SELV) for MN23-MN24</p>
	<p>Power supply kit, 12W with plugs (EU, UK, US, DE), screwdriver and connector for "Butler S2" code MN21</p> <p>code colour</p> <p>MN17 00</p> <p>$V_{IN}=100\div 240Vac$ - $V_{OUT}=12Vdc$ - 1000mA for MN21</p>		<p>Electronic power supply designed to mount on a DIN standard profile 240 W</p> <p>code colour</p> <p>BZ15 00</p> <p>$V_{IN}=88\div 264Vac$ / 47÷63Hz $V_{OUT}=48\div 55V$ (SELV) for MN23-MN24</p>
	<p>Electronic power supply designed to mount on a DIN standard profile 72 W</p> <p>code colour</p> <p>9910 00</p> <p>$V_{IN}=220\div 240Vac$ / 50÷60Hz $V_{OUT}=24Vdc \pm 2\%$ (SELV) for MN20</p>		<p>Electronic power supply designed to mount on a DIN standard profile 480 W</p> <p>code colour</p> <p>BZ16 00</p> <p>$V_{IN}=90\div 264Vac$ / 47÷63Hz $V_{OUT}=48\div 55V$ (SELV) for MN23-MN24</p>
	<p>Electronic power supply designed to mount on a DIN standard profile 120 W</p> <p>code colour</p> <p>BZK0 00</p> <p>$V_{IN}=88\div 264Vac$ / 50÷60Hz $V_{OUT}=24\div 28Vdc$ (SELV) for MN19</p>		



Appendix

- 950 Code/page reference
- 964 Colours
- 965 Product alphabetical index
- 966 Information for the reader
- 968 General information
- 969 Legend
- 970 Contacts

Code/page reference

code	page	code	page	code	page	code	page	code	page	code	page	code	page
0453	592			4590	382	6186	735		765-773-779-	B447	535	BD74	781
0456	747	1522	511-516-531-541-549-555-561-567-587	4870	271	6187	735	9905	783-881-883-885	B450	536	BD77	804
1154	724-896			5030	463	6188	735			B451	536	BD78	804
1158	735	1523	516-531-541-549-555-561-567-587	5031	463	6189	735	9907	783-881-883-885	B452	536	BE08	869
1164	592			5192	382	6190	735		620-625-655-660-667-670-766-783-785-	B459	535	BE10	869
1165	592			5193	382	6191	735	9908	814-828-844-862-908-931-933	B460	535	BE37	360-361
1168	592	1542	512-524-531-536-541-549-554-561-567-571-575-579-583-586	5194	382	6192	735			B510	865	BE38	364
1170	747			5195	382	6193	735			B511	855	BG19	854
1171	747			5570	639-640	6194	735		620-625-655-660-667-670-766-783-785-	B512	855-869	BG20	854
1172	747	1543	512-531-536-541-549-554-561-567-571-575-579-583-586	5571	639-640	6787	421	9909	814-828-844-862-908	B513	855-859	BG21	854
1176	747			5576	639-640	6788	421			B514	855-869	BG22	854
1177	747			5577	639-640	6789	421		620-625-655-660-667-670-766-783-785-	B515	868	BG35	724-895
1179	747	1544	512-536-541-549-554-561-567-571-575-579-583-588	5578	639-640	6790	421	9910	814-828-844-862-908-942-947	B517	868	BG36	724-895
1180	818			5595	745	6791	421			B518	863	BG37	724-895
1181	730			5596	865	6792	421		620-625-655-660-667-670-766-783-785-	B901	803	BG38	724-895
1182	730	1545	512-536-541-549-561-567-571-575-579-583-588	5925	624-644	6793	421	9911	814-828-844-862-908	B910	803	BG96	638
1183	730-731			5926	644	6794	421			B915	701-730-731-765-772-778-783-785-792-800-870	BG97	638
1184	730-731			5935	804	6795	421		620-625-655-660-667-670-766-783-785-	B916	792-800-803	BG98	638
1185	731	1546	512-536-541-549-561-567-571-579-583-588	5937	735	6796	421	9912	814-828-844-862-908	B918	803	BG99	638
1186	731			5943	735	6938	764			B919	782	BH00	638
1190	745			5949	735	6939	764		620-625-655-660-667-670-766-783-785-	B920	803	BH01	638
1191	208-211	1547	512-536-541-549-561-567-571-575-579-583-588	5951	735	6940	764		814-828-844-862-908	B976	782	BH02	638
1195	735			6012	574-579-725	6941	782-785			B977	782	BH03	638
1203	516-541-586			6013	574-579-725	6942	785	ADRO	499	B978	782	BH04	638
	511-516-524-531-541-544-549-555-561-567-571-575-579-583-586	1548	512-536-541-549-561-567-571-579-583-588	6014	571-575-582-686-709-713-725-735-741	6943	782-785	ADR1	499	B978	782	BH05	638
1205						6944	785	ADR2	499	B985	782	BH06	638
	512-536-541-549-561-567-571-579-583-586	1552	512-536-541-549-561-567-571-579-583-588	6015	571-575-582-686-709-713-725-735-741	6945	785	ADR3	499	B986	782	BH07	638
1271	511-524-531-544-586			6111	574-579-725	6946	785	ADT0	870	B988	730-731	BH08	638
1272	511-524-531-544-586	1554	512-536-541-549-561-567-571-579-583-588	6112	574-579-725	9400	421	ADT1	870	B989	725-745	BH09	638
1274	541-575-586			6113	574-578	9401	421	ADT2	870	BA79	899	BH10	638
1275	516-524-544-549-554-561-567-589			6114	574-578	9402	421	ADT3	870	BA80	899	BH11	638
1278	*	1566	531-536-541-549-555-561-567-591	6115	570-574-578-582	9403	421	ADT4	870	BA82	899	BH12	638
1281	516-549-554-561-567-589	1570	531-536-541-549-555-561-567-591	6116	574-578	9408	421	ADT5	870	BA83	899	BH13	638
1282	516-549-554-561-567-589			6117	574-578	9409	421	AEB0	501	BA85	899	BH14	618
1283	516-549-554-561-567-589	1585	531-536-541-549-555-561-567-591	6118	570-574-578-582	9410	421	BA86	899	BA86	899	BH15	618
1284	516-549-554-561-567-589			6119	574-578	9411	421	AET7	503	BA88	899	BH16	618
1287	571-575-579-583-586	1588	531-536-541-549-555-561-567-591	6120	530-540	9499	421	AET8	503	BA89	899	BH17	618
1287	571-575-579-583-586			6121	530-540	9528	272	AET9	503	BA91	900	BH18	618
1288	571-575-579-583-588	1597	512-531-536-541-549-554-561-567-571-575-579-583-588	6122	530-540	9529	272	AHA5	503	BA92	900	BH19	618
1289	575-586			6123	530-540	9532	272	AKS3	850	BA94	900	BH20	618
1290	575-588			6130	530-540	9533	272	AKS4	850	BA95	900	BH21	618
1291	541-571-575-579-583-586	1598	512-531-536-541-549-554-561-567-571-575-579-583-588	6131	530-540	9536	272	AKS5	850	BB28	734	BH22	618
1292	541-571-575-579-583-586			6132	530-540	9538	272	AKS6	850	BB29	734	BH23	618
	511-516-524-531-541-544-549-555-561-567-575-586	1599	512-531-536-541-549-554-561-567-571-575-579-583-588	6134	516-523-548-554-559-560-565-566	9539	208-211-231-272	AKS7	850	BB33	803	BH24	618
1344				6152	516	9541	272	AKS8	850	BB34	803	BH25	618
	531-536-541-549-555-561-567-590	1862	592	6154	548-560-566	9579	782-785	AKS9	850	BB35	803	BH83	831
1506		1863	592	6155	548-560-566	9580	782-785	AKT0	850	BB36	803	BH84	831
1507		1864	592	6156	548-554-560-566	9581	701-719-765-772-778-783-785-792-800-812-822-846-869-870-883-891-907	AKU1	850	BB37	803	BH89	831
1508		1865	592	6157	548-560-566			AL50	850	BB47	781	BI01	833
1509		1880	571-575-579-583-725	6158	548-560-566	9582	621-625-655-659-667-670-701-719-765-772-778-783-785-812-822-828-846-862-870-881-883-885-891-907	AL51	850	BB48	781	BI02	833
	531-536-541-549-555-561-567-590	1909	531-536-541-549-555-561-567-591	6159	548-554-560-566			AL52	850	BB57	781	BI07	833
1511		1910	531-536-541-549-555-561-567-591	6160	548-560-566	9583	764-772-778-782-785-822	AL53	850	BB58	781	BI08	833
	531-536-541-549-555-561-567-591	2600	762	6161	511-548-560-566	9634	931	AL54	850	BB59	781	BI11	618
1515		2606	785	6162	511-548-560-566	9639	655-659-667-670-812-828-846-862-907	AL55	850	BB60	781	BI12	618
	531-536-541-549-555-561-567-591	2611	781	6163	511-548-560-566			AL56	850	BC19	900	BI13	618
1518		2620	785	6164	511-548-560-566	9708	930	AL57	850	BC20	900	BI14	618
	511-516-531-541-544-549-555-561-567-587	3151	272	6165	548-554-560-566	9711	930	AL58	850	BC22	900	BI15	900
	511-516-531-541-544-549-555-561-567-587	3231	272	6166	548-554-560-566	9717	930	AL59	850	BC23	900	BI16	900
1519		4059	483	6170	926	9718	930	ALW0	850	BC23	900	BI17	903
	511-516-531-541-549-555-561-567-587	4461	418	6177	730	9719	930	ALW1	850	BD13	530-540	BI18	903
	516-531-541-549-555-561-567-587	4491	116-172-208	6178	730	9720	931	ALW2	850	BD14	530-540	BI19	903
1520		4492	818-903	6181	731	9721	930	ALW3	850	BD15	530-540	BI20	903
	516-531-541-549-555-561-567-587	4493	818-903	6182	731	9722	930	AMK2	505	BD16	530-540	BI21	900
	511-516-531-541-544-549-555-561-567-587	4497	208	6183	731	9723	930	AMK3	505	BD17	530-540	BI22	900
1521		1278	*	6184	731	9730	933	AZ70	501	BD18	530-540	BI23	900
	511-516-531-541-544-549-555-561-567-587	4589	382	6185	731	9731	933	B220	536	BD19	530-540	BI24	900
						9747	930	B221	536	BD20	540-742	BI25	903
						9752	930	B222	536	BD21	530-540	BI26	903
						9856	719	B223	535	BD34	722-894	BI29	903
								B437	535	BD35	722-894	BI30	903
								B438	535	BD36	722-894	BI27	903
								B440	535	BD37	722-894	BI28	903
								B441	535	BD46	723-894	BI29	903
								B443	535	BD47	723-894	BI30	903
								B444	535	BD48	723-894	BI51	638
								B446	535	BD49	723-894	BI52	638
										BD73	781	BI53	638

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BI55	638	BK85	618	BN20	643	BV33	817	BX57	821	BZ80	724-896	BZP3	511
BI56	638	BL02	510	BN21	643	BV36	818	BX58	821	BZ85	724-896	BZP4	511
BI57	638	BL03	510	BN31	644	BV37	818	BX59	821	BZ86	724	BZP5	511
BI58	638	BL04	510	BN32	644	BV38	818	BX60	821	BZ87	724	BZP6	511
BI59	638	BL05	510	BN33	644	BV39	818	BX61	821	BZ88	724	BZP7	511
BI60	638	BL06	510	BN34	868	BV40	818	BX62	821	BZ91	575-725	BZP8	511
BI61	638	BL07	510	BN35	868	BV41	818	BX63	821	BZ98	870-891	BZP9	511
BI62	638	BL08	510	BN37	868	BV42	818	BX64	821	BZA0	870-891	BZQ2	511
BI63	638	BL09	510	BN39	868	BV43	818	BX65	821	BZC5	531-535-541-555-561-567	BZQ3	511
BI64	638	BL10	510	BN40	868	BV52	734	BX66	821	BZC6	531-535-541-555-561-567	BZQ7	609-615-621-625-635-640-644-695-725-735-792-803
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BI66	638	BL12	510	BN43	644	BV54	734	BX68	822	BZC9	531-541	BZS6	523-621-625-644-701-747-792
BI67	638	BL13	510	BN44	644	BV55	734	BX69	822	BZD3	730	BZS8	639
BI68	638	BL14	510	BN45	644	BV60	724-895	BX70	822	BZD5	730	BZS9	639
BI69	638	BL15	510	BN90	638	BV61	724-895	BX71	822	BZD6	735	BZT0	639
BI70	638	BL16	510	BN91	638	BV62	724-895	BX72	822	BZD8	735	BZT1	640
BI71	638	BL17	510	BN92	638	BV63	724-895	BX73	822	BZE6	735	BZT2	640
BI72	638	BL18	510	BP03	643	BV72	803	BX74	822	BZE7	735	BZT3	640
BI73	638	BL19	510	BP04	643	BV84	789	BX75	822	BZE8	735	BZT4	640
BI74	638	BL29	903	BP05	643	BV85	789	BX76	822	BZE9	735	BZT5	640
BJ17	619	BL30	618	BP14	638	BV86	790	BX77	822	BZF1	735	BZU5	511
BJ18	619	BL31	618	BP15	638	BV87	790	BX78	822	BZF7	731	BZV0	644
BJ19	619	BL32	618	BU10	881	BV88	790	BX79	822	BX83	536	BZV1	644
BJ20	619	BL33	618	BU14	885	BV89	790	BX80	822	BZG4	536	BZV2	644
BJ21	619	BL34	618	BU16	882	BV96	740	BX81	822	BZG5	536	BZV3	644
BJ22	619	BL35	618	BU17	881	BV97	741	BX82	822	BZG6	536	BZV4	640
BJ88	718	BL36	618	BU21	885	BV98	740	BX83	822	BZG8	822-855-870	BZV5	644
BJ89	718	BL37	618	BU22	882	BV99	741	BX84	822	BZH0	701-818-855-870	BZV6	640
BJ90	718	BL38	618	BU23	881	BW00	788	BX85	822	BZH7	639-640	BZV7	640
BJ91	718	BL39	618	BU27	883	BW01	788	BX86	822	BZH8	639-640	BZV8	640
BJ92	718	BL40	618	BU28	883	BW02	788	BX87	822	BZH9	639-640	BZV9	640
BJ93	718	BL41	618	BU38	890	BW03	788	BZ01	903	BZ10	639-640	BZW0	640
BJ94	718	BM38	804	BU39	890	BW04	788	BZ02	903	BZ11	639-640	BZW1	640
BJ95	718	BM39	804	BU40	745	BW05	788	BZ14	609-615-621-625-803-883-947	BZ12	639	BZW2	640
BJ96	718	BM45	638	BU41	745	BW06	883	BZ15	609-615-621-625-803-883-947	BZ13	639	BZW3	640
BJ97	718	BM46	638	BU42	865	BW18	623	BZ16	609-615-621-625-803-883-947	BZ14	639	BZW4	511
BJ98	718	BM47	638	BU43	865	BW19	623	BZ17	900	BZ15	640	BZW5	644
BJ99	718	BM66	638	BU47	544	BW20	623	BZ18	900	BZ16	640	BZW6	640
BK00	718	BM67	638	BU49	544	BW21	623	BZ19	900	BZ17	640	BZW7	640
BK01	718	BM68	638	BU82	731	BW22	623	BZ20	900	BZ18	725-896	BZW8	640
BK02	890	BM69	618	BU83	731	BW23	623	BZ21	900	BZ19	725-896	BZW9	640
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BK06	891	BM77	618	BU87	731	BW27	623	BZ45	530-540	BZJ3	640	E001	522
BK07	891	BM78	618	BU88	734	BW28	623	BZ46	530-540	BZJ4	640	E002	522
BK08	900	BM79	618	BU89	734	BW29	623	BZ48	530-540	BZJ5	640	E003	522
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BK21	718	BM93	644	BU98	734	BW44	624	BZ59	724	BZL9	833	E027	522
BK22	718	BM94	644	BU99	734	BW45	624	BZ60	719-725	BZM0	833	E036	522
BK23	718	BM95	644	BV00	734	BW46	624	BZ61	725	BZM2	833	E037	522
BK24	718	BM96	644	BV01	734	BW47	624	BZ62	725	BZM3	833	E038	522
BK25	718	BM97	644	BV02	734	BW57	624	BZ63	724-896	BZM4	111-128-132-136-144-219-248-252-438-441-719-822-891	E039	522
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BK27	718	BM99	643	BV04	734	BW59	624	BZ66	724-896	BZM6	511	E049	869
BK28	718	BN00	643	BV05	734	BW74	854	BZ67	724-896	BZM7	511	E062	524-531-561-586
BK29	890	BN01	643	BV15	745	BW75	854	BZ71	724-896	BZM8	511	E063	524-531-561-586
BK30	890	BN02	643	BV16	745	BW76	854	BZ72	724	BZM9	831	E064	524-531-561-587
BK31	890	BN03	643	BV17	865	BW77	854	BZ73	724	BZM0	833	E066	762
BK32	890	BN04	644	BV18	865	BW78	854	BZ74	724	BZM1	833	E067	762
BK33	891	BN05	644	BV23	544	BW79	854	BZ76	725	BZM2	833	E068	762
BK34	891	BN06	644	BV25	544	BW80	854	BZ77	724-896	BZM3	833	E069	762
BK36	618	BN07	644	BV26	817	BW81	854			BZM4	575-725-896	E070	762
BK37	618	BN08	644	BV27	817	BW82	854			BZM5	511	E071	762
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BK41	618	BN16	643	BV29	817	BW84	854			BZM7	511		
BK80	618	BN17	643	BV30	817	BW85	854			BZM8	831		
BK81	618	BN18	643	BV31	817	BX55	821			BZM9	831		

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E076	762	E152	790	E448	663	E524	657	E600	653	E882	877	EA63	663
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EB77	665	ED39	553	EG03	606	EG79	605	EI07	707	EJ02	631	EL56	605
EB78	665	ED40	553	EG04	606	EG80	605	EI08	707	EJ03	631	EL57	605
EB79	665	ED60	741	EG05	606	EG81	605	EI09	707	EJ04	631	EL58	606
EB80	665	ED61	741	EG06	606	EG82	605	EI10	707	EJ05	631	EL59	606
EB81	665	ED62	741	EG07	606	EG83	605	EI11	790	EJ06	631	EL60	606
EB82	665	ED63	741	EG08	606	EG84	605	EI12	790	EJ07	631	EL61	606
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EB85	665	ED66	785	EG11	607	EG87	605	EI15	790	EJ10	632	EL64	606
EB86	665	ED67	785	EG12	607	EG88	605	EI16	790	EJ11	632	EL65	606
EB87	665	ED70	762	EG13	607	EH07	539	EI17	764	EJ12	632	EL66	606
EB88	665	ED71	781	EG14	607	EH08	539	EI18	764	EJ13	632	EL67	606
EB89	665	ED72	547	EG15	607	EH09	539	EI19	764	EJ14	632	EL68	606
EB90	665	ED73	547	EG16	607	EH10	539	EI20	565	EJ15	632	EL69	606
EB91	665	ED74	547	EG17	607	EH11	539	EI21	565	EJ16	632	EM36	522
EB92	665	ED75	547	EG18	607	EH12	539	EI23	810-842-906	EJ17	632	EM37	522
EB93	665	ED76	547	EG19	607	EH13	539	EI24	810-842-906	EJ18	632	EM38	522
EB94	665	ED77	547	EG20	607	EH14	539	EI26	810-842-906	EJ19	632	EM39	522
EB95	665	ED78	547	EG21	607	EH15	539	EI27	810-842-906	EJ20	632	EM40	522
EB96	665	ED79	547	EG22	607	EH16	539	EI29	810-842	EJ21	632	EM41	522
EC25	547	ED80	547	EG23	607	EH17	539	EI30	810-842	EJ32	713	EM42	522
EC26	547	ED81	547	EG24	607	EH18	539	EI32	810-842-906	EJ33	713	EM43	522
EC27	547	ED82	547	EG25	607	EH21	535	EI33	810-842-906	EJ34	713	EM92	669-827
EC28	547	ED83	547	EG26	607	EH22	535	EI35	810-842-906	EJ35	713	EM93	669-827
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EC30	547	ED85	547	EG28	607	EH24	535	EI38	810-842	EJ37	713	EM95	669-827
EC31	547	ED86	547	EG29	607	EH25	535	EI39	810-842	EJ38	522	EM96	669-827
EC32	547	ED87	547	EG30	607	EH26	535	EI41	811	EJ39	522	EM97	669-827
EC33	547	ED88	547	EG31	607	EH27	535	EI42	811	EJ41	522	EM98	669-827
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EC36	547	ED91	547	EG34	607	EH30	535	EI47	811-842	EL01	607	EN01	669-827
EC37	547	ED92	547	EG35	607	EH31	535	EI48	811-842	EL02	607	EN02	669-827
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EN05	669-827	EP66	723-895	EQ43	564	ER19	798	ES19	777	ET14	692	ET90	693
EN06	669-827	EP67	723-895	EQ44	564	ER20	798	ES20	777	ET15	692	ET91	693
EN07	669-827	EP68	723-895	EQ45	564	ER21	798	ES27	771	ET16	692	ET92	693
EN08	669-827	EP69	723-895	EQ46	564	ER22	798	ES28	771	ET17	692	ET93	693
EN09	669-827	EP70	723-895	EQ47	564	ER23	798	ES29	771	ET18	692	ET94	693
EN10	669-827	EP71	723-895	EQ48	564	ER24	798	ES30	771	ET19	692	ET95	693
EN11	669-827	EP72	723-895	EQ49	564	ER25	798	ES31	771	ET20	692	ET96	693
EN12	669-827	EP73	723-895	EQ50	564	ER26	798	ES32	771	ET21	692	ET97	693
EN13	669-827	EP74	723-895	EQ51	564	ER27	798	ES33	771	ET22	692	ET98	693
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EN15	669-827	EP76	723-895	EQ53	564	ER29	798	ES35	771	ET24	692	EU00	693
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EN18	378	EP79	723-895	EQ56	564	ER32	798	ES38	771	ET27	692	EU03	693
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EN22	713	EP83	723-895	EQ60	564	ER36	798	ES44	771	ET31	692	EU07	693
EN23	713	EP84	723-895	EQ61	564	ER37	798	ES46	772	ET32	692	EU08	693
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EP44	522	EQ21	564	EQ97	797	ER86	771	ES92	708	ET68	684	EU44	684
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EP46	722-894	EQ23	564	EQ99	797	ER89	771	ES94	692	ET70	684	EU46	684
EP47	722-894	EQ24	564	ER00	797	ER90	771	ES95	692	ET71	684	EU47	684
EP48	722-894	EQ25	564	ER01	797	ER92	771	ES96	692	ET72	684	EU48	684
EP49	722-894	EQ26	564	ER02	797	ER93	771	ES97	692	ET73	684	EU49	684
EP50	722-894	EQ27	564	ER03	797	ES00	776	ES98	692	ET74	684	EU50	684
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EP52	722-894	EQ29	564	ER05	797	ES02	776	ET00	692	ET76	684	EU52	694
EP53	722-894	EQ30	564	ER06	797	ES03	776	ET01	692	ET77	684	EU53	694
EP54	722-894	EQ31	564	ER07	797	ES04	776	ET02	692	ET78	684	EU54	694
EP55	722-894	EQ32	564	ER08	797	ES05	776	ET03	692	ET79	684	EU55	694
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EP57	723-895	EQ34	564	ER10	797	ES07	776	ET05	692	ET81	684	EU57	694
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EP59	723-895	EQ36	564	ER12	797	ES09	776	ET07	692	ET83	693	EU59	694
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EP62	723-895	EQ39	564	ER15	798	ES13	776	ET10	692	ET86	693	EU62	694
EP63	723-895	EQ40	564	ER16	798	ES14	776	ET11	692	ET87	693	EU63	694
EP64	723-895	EQ41	564	ER17	798	ES16	777	ET12	692	ET88	693	EU64	694

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EU67	694	EV43	693	EW19	564	EW95	559	EY06	613	EY82	633	EZ58	633
EU68	694	EV44	693	EW20	564	EW96	559	EY07	613	EY83	633	EZ59	633
EU69	694	EV45	693	EW21	564	EW97	559	EY08	613	EY84	633	EZ60	633
EU70	694	EV46	693	EW22	564	EW98	559	EY09	613	EY85	633	EZ61	633
EU71	694	EV47	693	EW23	564	EW99	559	EY10	613	EY86	633	EZ62	633
EU72	694	EV48	693	EW24	564	EX00	559	EY11	613	EY87	633	EZ63	633
EU73	694	EV49	693	EW25	564	EX01	559	EY12	613	EY88	633	EZ64	633
EU74	694	EV50	685	EW26	564	EX02	559	EY13	613	EY89	633	EZ65	633
EU75	694	EV51	685	EW27	564	EX03	559	EY14	613	EY90	633	EZ66	633
EU76	694	EV52	685	EW28	564	EX04	559	EY15	613	EY91	633	EZ67	633
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EU78	694	EV54	685	EW30	564	EX30	612	EY17	613	EY93	633	EZ69	633
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EU80	685	EV56	685	EW32	564	EX32	612	EY19	613	EY95	631	EZ71	633
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EU86	685	EV62	685	EW38	564	EX38	612	EY25	614	EZ01	631	EZ87	631
EU87	685	EV63	685	EW39	564	EX39	612	EY26	614	EZ02	631	EZ88	631
EU88	685	EV64	685	EW40	564	EX40	612	EY27	614	EZ03	631	EZ89	631
EU89	685	EV65	685	EW41	564	EX41	612	EY28	614	EZ04	631	EZ90	631
EU90	685	EV66	685	EW42	564	EX42	613	EY29	614	EZ05	631	EZ91	631
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EU92	685	EV68	685	EW44	564	EX44	613	EY31	614	EZ07	631	EZ93	631
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EU94	685	EV70	685	EW46	564	EX46	613	EY33	614	EZ09	631	EZ95	631
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EU98	685	EV74	685	EW50	559	EX50	613	EY37	612	EZ13	631	EZ99	631
EU99	685	EV75	685	EW51	559	EX51	613	EY38	612	EZ14	631	G745	931
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EV14	693	EV90	694	EW66	559	EX77	612	EY53	632	EZ29	632	JYX8	671
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EV28	693	EW04	565	EW80	559	EX91	612	EY67	633	EZ43	632	M828	472
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EV32	693	EW08	565	EW84	565	EX95	612	EY71	633	EZ47	632	MA57	404
EV33	693	EW09	565	EW85	565	EX96	612	EY72	633	EZ48	632	MA58	404
EV34	693	EW10	565	EW86	565	EX97	612	EY73	633	EZ49	632	MC63	473
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EV37	693	EW13	565	EW89	565	EY00	612	EY76	633	EZ52	633	MD77	207
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EV39	693	EW15	565	EW91	565	EY02	613	EY78	633	EZ54	633	MD79	207
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ME32	207	MJ92	260	MN53	275	MQ55	157	MU65	211	MWP3		MXL0	474
ME33	472	MJ93	260	MN54	275	MQ57	157	MU69	211			MXL1	474
ME34	472	MJ98	260	MN55	276	MQ58	157	MU70	211	MWP4	186	MXL2	474
ME35	472	MJ99	260	MN56	276	MQ60	157	MU71	211	MWP5	186	MXL3	474
ME36	392	MK00	260	MN57	276	MQ61	157	MU75	159	MWP6	401-403-404	MXL4	475
ME37	392	MK01	260	MN58	207	MQ63	157	MU76	159	MWP7	401-403-404	MXL5	475
ME38	392	MK18	261	MN59	207	MQ64	157	MU77	159	MWP8	409-411	MXL6	475
ME39	392	MK19	261	MN60	207	MQ66	157	MU78	159	MWP9	409-411	MXL7	475
ME40	392	MK20	261	MN61	207	MQ67	151	MU79	159	MWR5	473	MXL8	475
ME41	392	MK26	261	MN62	207	MQ68	151	MU80	159	MWR6	473	MXL9	475
ME42	392	MK27	261	MN63	207	MQ69	151	MU81	159	MWR7	473	MXM0	474
ME43	392	MK28	261	MN70	208	MQ70	151	MU82	159	MWR8	473	MXM1	474
ME44	392	MK45	110-141	MN71	208	MQ71	151	MU83	178	MWW4	293	MXM2	474
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ME77	381	MK48	141	MN74	208	MQ74	151	MV78	184	MWW7	293-295	MXM5	475
ME78	381	MK49	142	MN75	208	MQ75	110-141	MV79	184	MWW8	293-295	MXN5	178
ME79	381	MK50	142	MN76	208	MQ76	141	MV80	184	MWW9	293-295	MXN6	179
MH93	939	MK51	142	MN77	208	MQ77	142	MV81	184	MWY8	277	MXN8	474
MH94	939	MK52	143	MN78	208	MQ78	142	MV82	184	MWY9	277	MXN9	475
MH95	939	MK53	143	MN79	208	MQ79	142	MV83	184	MX36	473	MXP7	152
MH96	939	MK54	143	MN80	208	MQ80	142	MV84	184	MX48	831-833	MXP8	152
MH97	939	MK55	143	MN81	208	MQ81	142	MV85	184	MX60	208-211	MXP9	152
MH98	939	MK56	143	MP07	207	MQ82	143	MV86	184	MX61	208	MXQ0	269
MI02	940	MK57	143	MP08	207	MQ83	143	MV87	184	MX66	293-295	MXQ1	269-713
MI03	940	MK82	276	MP09	207	MQ84	143	MV88	184	MX80	179-392	MXQ2	475
MI04	940	MK83	276	MP10	207	MQ85	143	MV89	184	MX81	179-392	MXQ3	475
MI05	940	MK84	276	MP11	207	MQ95	453	MV90	184	MX90	262-277	MXQ4	475
MI06	940	MK85	276	MP12	207	MQ96	453	MV91	184	MX91	262	MXQ5	475
MI07	940	MK86	276	MP13	207	MQ97	453	MV92	184	MX92	262-277	MXQ6	475
MI08	940	MK87	276	MP14	207	MQ98	453	MV93	184	MX93	262-277	MXQ7	475
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MI13	941	MK99	275	MP76	272	MR03	271	MV98	185	MXB8	262	MXR2	468
MI14	941	ML00	275	MP77	272	MR07	271	MV99	185	MXB9	262	MXR3	468
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MI16	940	MM30	940	MP88	272	MR09	271	MW78	116-165	MXC1	262	MXR5	468
MI17	940	MM31	208	MP89	272	MR19	271	MW83	818	MXC2	262	MXR6	468
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MI21	941	MM77	142	MP96	272	MR26	271	MW87	818	MXF0	262	MXS0	468
MI22	941	MM78	142	MQ22	159	MR27	271	MW88	818	MXF1	262	MXS1	468
MI23	941	MM79	143	MQ23	159	MR61	265	MW89	818	MXF2	262	MXS2	468
MI24	941	MM80	143	MQ24	159	MR63	265	MWB4	401-403-404-409-411	MXF3	262	MXS3	468
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MI26	942	MM82	143	MQ26	159	MR69	265	MWB6	409-411	MXF5	262	MXS5	461
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P528	187	P684	280	P829	740	PA17	386	PB18	103	PC00	688	349-355	
P529	187	P685	280	P830	740	PA18	386	PB19	103	PC01	688	349-355	
P530	187	P686	280	P831	740	PA21	219	PB20	103	PC02	688	349-355	
P531	187	P687	280	P832	741	PA22	219-229	PB21	104	PC03	688	349-355	
P532	187	P688	280	P833	741	PA23	224	PB22	104	PC04	688	349-355	
P533	187	P689	280	P834	741	PA24	111-144	PB23	104	PC05	688	349-355	
P586	187	P690	280	P835	741	PA25	111-144	PB24	104	PC07	*	349-355	
P587	187	P691	280	P870	529	PA26	111-144	PB25	104	PC08	346-347	349-355	
P588	187	P692	280	P871	529	PA27	111-144	PB26	104	PC09	346-347	349-355	
P589	187	P693	280	P872	529	PA28	144	PB27	822	PC10	346-347	349-355	
P602	275	P694	280	P873	529	PA29	144	PB32	399	PC12	609-615-621-625-803-883	349-355	
P603	275	P695	280	P874	529-742	PA30	144	PB33	399	PC13	609-615-621-625-803-883	349-355	
P604	260	P696	280	P875	529-742	PA31	144	PB34	399	PC14	609-615-621-625-803-883	349-355	
P605	260	P697	280	P876	529	PA32	144-148-152	PB35	399	PC15	620-625-655-660-667-670-813-828-844-862-908	349-355	
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Q308	290	Q409	409	Q490	126	Q643	331	Q719	700	Q887	441	Q965	187
Q309	290	Q410	409	Q491	126	Q644	331	Q720	700	Q888	441	Q966	185
Q310	289	Q411	409	Q492	126	Q645	331	Q721	707	Q889	441	Q967	185
Q311	290	Q412	409	Q493	126	Q646	331	Q722	707	Q890	441	Q968	185
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Q317	291	Q418	409	Q499	127	Q652	333	Q728	707	Q896	443	Q980	189
Q318	291	Q419	409	Q500	127	Q653	333	Q729	707	Q897	443	Q983	189
Q319	291	Q420	410	Q501	109-126	Q654	259	Q730	707	Q898	443	Q985	193
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Q321	291	Q422	410	Q503	109-126	Q656	259	Q732	707	Q900	312	Q989	194
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Q360	408	Q461	109-125	Q619	364	Q695	700	Q863	424	Q939	155	QA33	429-446
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Q366	408	Q467	125	Q625	330	Q701	700	Q869	424	Q945	139	QA39	428-446
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Q394	408	Q479	109-126	Q637	330	Q713	700	Q881	437	Q957	139	QA51	217
Q395	408	Q485	126	Q638	330	Q714	700	Q882	437	Q958	139	QA52	217
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QA70	229	QB46	401	QC22	246	QD73	132	QG21	201	QH97	290	QH94	411
QA71	229	QB47	401	QC23	246	QD74	132	QG22	201	QH98	290	QH95	411
QA72	217	QB48	401	QC24	246	QD75	132	QG23	201	QH99	290	QH96	411
QA73	217	QB49	401	QC25	246	QD76	132	QG24	201	QH01	290	QH97	411
QA74	217	QB50	401	QC26	246	QE03	110-161	QG25	201	QH02	290	QH98	411
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QI80	443	QJ56	135	QK52	110-167	QL58	147	QM34	184	QN10	193	QP06	330
QI81	443	QJ57	135	QK53	110-167	QL59	147	QM35	184	QN11	193	QP07	330
QI82	109-125	QJ58	135	QK54	110-167	QL60	147	QM36	184	QN12	193	QP08	330
QI83	109-125	QJ59	135	QK55	110-167	QL61	147	QM37	184	QN13	193	QP09	330
QI84	109-125	QJ60	135	QK59	113-169	QL62	147	QM38	184	QN14	193	QP10	330
QI85	109-125	QJ61	135	QK60	113-169	QL63	147	QM39	184	QN15	193	QP11	330
QI86	109-125	QJ62	135	QK62	116-171	QL64	376	QM40	184	QN16	193	QP12	330
QI87	125	QJ63	135	QK63	116-171	QL65	376	QM41	184	QN17	193	QP13	330
QI88	125	QJ64	136	QK64	116-171	QL66	376	QM42	184	QN18	193	QP14	330
QI89	125	QJ65	136	QK65	171	QL67	377	QM43	184	QN19	193	QP15	330
QI90	125	QJ66	136	QK66	171	QL68	377	QM44	184	QN20	193	QP16	330
QI91	125	QJ67	136	QK71	111-113-116-167-169-172	QL69	377	QM45	184	QN21	193	QP17	330
QI92	125	QJ68	131	QK89	110-141	QL70	378	QM46	184	QN22	193	QP18	330
QI93	125	QJ69	131	QK90	110-141	QL71	378	QM47	184	QN23	193	QP19	330
QI94	125	QJ70	131	QK91	110-141	QL72	378	QM48	184	QN24	194	QP20	330
QI95	125	QJ71	131	QK92	141	QL73	377	QM49	184	QN25	194	QP21	330
QI96	125	QJ72	131	QK93	141	QL74	377	QM50	185	QN26	194	QP22	330
QI97	109-126	QJ73	131	QK94	141	QL75	377	QM51	185	QN27	194	QP23	330
QI98	109-126	QJ74	131	QK95	142	QL76	378	QM52	185	QN28	194	QP24	330
QI99	109-126	QJ75	131	QK96	142	QL77	378	QM53	185	QN29	194	QP25	330
QJ00	109-126	QJ76	131	QK97	142	QL78	378	QM54	185	QN30	194	QP26	333
QJ01	109-126	QJ77	131	QK98	142	QL79	379	QM55	185	QN31	194	QP27	333
QJ02	126	QJ78	131	QK99	142	QL80	379	QM56	185	QN32	194	QP28	333
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QJ07	126	QJ83	132	QL04	142	QL85	377	QM61	185	QN37	194	QP33	318
QJ08	126	QJ84	132	QL05	142	QL86	377	QM62	185	QN38	194	QP34	318
QJ09	126	QJ85	132	QL06	142	QL87	377	QM63	185	QN39	194	QP35	318
QJ10	126	QJ86	111-128	QL07	142	QL88	378	QM64	185	QN40	194	QP36	318
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QJ12	127	QJ88	128-132-136	QL09	143	QL90	378	QM66	185	QN42	194	QP38	318
QJ13	127	QJ89	111-128	QL10	143	QL91	377	QM67	185	QN43	194	QP39	318
QJ14	127	QJ90	128-132-136	QL11	143	QL92	377	QM68	185	QN44	194	QP40	318
QJ15	127	QJ91	111-128	QL12	143	QL93	377	QM69	185	QN45	194	QP41	318
QJ16	127	QJ92	128-132-136	QL13	143	QL94	378	QM70	185	QN46	194	QP42	318
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QJ22	109-126	QK01	110-161	QL19	143	QM00	376	QM76	186	QN52	463	QP48	269
QJ23	109-126	QK02	110-161	QL22	143	QM01	376	QM77	186	QN53	463	QP49	269
QJ24	109-126	QK03	110-161	QL23	143	QM02	377	QM78	186	QN54	463	QP50	269
QJ25	109-126	QK04	110-161	QL24	143	QM03	377	QM79	186	QN55	463	QS03	102
QJ26	109-126	QK08	110-161	QL25	143	QM04	378	QM80	186	QN56	463	QS04	102
QJ27	109-126	QK09	110-161	QL26	143	QM05	378	QM81	186	QN57	463	QS05	102
QJ28	127	QK10	161	QL27	143	QM06	377	QM82	186	QN58	463	QS06	102
QJ29	127	QK11	161	QL28	143	QM07	377	QM83	186	QN59	463	QS07	102
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		X220	709										
		X221	701										
		X222	701-709										
		X223	709										
		X224	701										
		X225	701-709										
		X226	709										
		X227	701										
		X228	701-709										
		X229	709										
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		X240	701-709										
		X241	709										
		X242	701										
		X243	701-709										
		X244	709										
		X245	701										
		X246	701-709										
		X247	709										
		X248	701										

Colours

A1	Grey / nitric	E1	Grey / black / aluminium	00	Indeterminate	13	Steel	41	White / gold
A5	Chrome / nitric	E4	White / chrome	01	White	14	Gold / brass	43	Black / black
B5	Grey / white	E5	White / grey	02	Orange	15	Grey	44	Black / gold
B6	Grey / transparent	E6	Chrome burnished	04	Black	16	Blue	47	White / black
B7	Nitric / transparent	E7	White/chrome burnished	05	Red	21	Clear and satin	65	Nitric
C1	Black / nitric	E8	Satin gold	06	Yellow	24	Clear transparent	73	Grey / yellow
D6	Dark grey / aluminium	E9	White/ satin gold	07	Green	26	Magenta	74	Grey / black
D7	Cyan	F1	Black/ burnished chrome	09	Sky blue	38	Opal	78	Grey / aluminium
D8	White / transparent	F5	Rust brown	10	Chrome	39	White / aluminium	86	Dark metallic grey
D9	White / nitric	G16	Anthracite grey	12	Aluminium	40	Black / aluminium	87	Black / transparent

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	Mini p.682	Earth p.786	527 Platea Pro (Pole-mounted systems)
	Compact p.690	Earth - Flush frame p.794	866 Pencil
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Intelligence of Light Solutions (IoL)

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Information for the reader

Chapters

Each product category is preceded by an overview and, in some cases, introductory pages presenting the common lighting design and technical features.

Overview

Common features

The image shows two technical sheets. The left sheet is titled 'Overview of flush-mounting elements' and contains a table with columns for 'Flush-mounting element', 'Flush-mounting element', 'Flush-mounting element', and 'Flush-mounting element'. The right sheet is titled 'Overview of flush-mounting elements' and features three circular diagrams at the top, followed by a grid of nine photographs showing different lighting effects and beam patterns.

Presentation

Each product is presented using one or more images which show off its design, applications and dimensions. The specific technical features, optics and lamps are then illustrated. The icons summarise further advantages of the luminaire.

Certifications

UL
For more details, see www.iguzzini.com/us
CCC
For more details, refer to www.iguzzini.com



Design

Icons

Optics

Design

H poles

Dimensions

Outdoor lighting systems

Indoor lighting systems

The image displays two technical sheets. The left sheet, titled 'Laser World 3 recessed', shows a photograph of a luminaire, a grid of icons representing various features, and a series of five small photographs showing different beam patterns. The right sheet, titled 'Outdoor lighting systems', features a large photograph of a street lamp and a technical diagram showing the lamp's height and beam spread.

Product codes

This section indicates the codes, prices, description of the luminaires and accessories.

Luminaires

Accessories

Components

System combination








Outdoor lighting systems

Indoor lighting systems

The image shows two technical sheets. The left sheet, titled 'Pulsed Wall Washer', contains a table with columns for 'Pulsed Wall Washer', 'Pulsed Wall Washer', 'Pulsed Wall Washer', and 'Pulsed Wall Washer'. The right sheet, titled 'Lavinia', features a technical diagram of a luminaire and a table with columns for 'Luminaires', 'Accessories', and 'System combination'.


Degree of protection


The resistance offered by the fixture to the penetration of solids and liquids is indicated by the IP prefix (International Protection) followed by two numbers. The first number identifies the degree of protection against the ingress of solids and the second number against liquids (IEC 529 - EN 60529 publication). The letters IK indicate the level of shock resistance of the luminaire, according to CEI EN 50102.


FIRST IDENTIFICATION NUMBER Degree of protection against penetration of solids.		SECOND IDENTIFICATION NUMBER Degree of protection against penetration of liquids.		LEVEL OF SHOCK RESISTANCE It designates the level of shock resistance according to CEI EN 50102.	
0	Not protected	0	Not protected	IK00	Not protected
1	Protected against penetration of solids larger than 50 mm.	1 	Protected against the vertical fall of water drops	IK01	Protected against 0.15 J shocks
2	Protected against penetration of solids larger than 12 mm.	2	Protected against the fall of water at a maximum angle of 15°	IK02	Protected against 0.2 J shocks
3	Protected against penetration of solids larger than 2.5 mm.	3 	Protected against rain	IK03	Protected against 0.35 J shocks
4	Protected against the penetration of solids larger than 1 mm.	4 	Protected against splashes	IK04	Protected against 0.5 J shocks
5	Protected against the penetration of dust	5  	Protected against jets of water	IK05	Protected against 0.7 J shocks
6	Completely protected against penetration of dust	6	Protected against waves	IK06	Protected against 1 J shocks
		7 	Protected against the effects of immersion	IK07	Protected against 2 J shocks
		8  ...m	Protected against the effects of prolonged immersion	IK08	Protected against 5 J shocks
				IK09	Protected against 10 J shocks
				IK10	Protected against 20 J shocks

Classification of fittings

Classification of fittings according to electrical protection.

Class I  With functional insulation in every part and with earth terminal or clamp if the unit is fixed, or with electric power supply cable complete with earth wires and relative plug with earth contact if the unit is mobile.

Class II  With double insulation and/or reinforced insulation in every part and without earth connections.

Class III  Designed for connecting to low voltage circuits, without any internal or external circuit functioning at a voltage different from safety low voltage.

Class III products: performances are assured only when using the electronic power supply units and drivers indicated in the catalogue.

Classification of fittings according to the flammability of the surfaces used for installation.



The fitting can be installed on normally flammable surfaces.

General information

Product Book 2020

Our complete range of indoor and outdoor light fittings are presented in this catalogue.
A general description of each system is provided followed by a brief description of the fittings in the system with their codes.
Dimensions are expressed in millimetres.

All the light fittings presented in this catalogue have been designed and produced according to Italian CEI 34-21 Regulation unified to European EN 60598-1 regulations, which in turn correspond to international IEC-598-1 regulations.

General conditions

iGuzzini reserves the right to discontinue any products from its collection at any time whatsoever and without prior notice, without prejudice to the essential characteristics of the models described; iGuzzini also reserves the right to make technical and photometric modifications as well as to change any parts, details or finishes deemed suitable for improvement purposes or due to construction and commercial requirements. Goods travel at the customer's risk and peril, even those sold franco domicile. Any exporting of goods purchased must be authorised

in advance and in writing by iGuzzini. The pole + product compositions shown in the catalogue are merely indicative, in particular as concerns the wind-thrust stability test, which should be performed based on both the characteristics of the location and the regulations in force. For installation purposes refer exclusively to the conditions described in the instruction sheet included in the product package and/or on the Web site **www.iguzzini.com**. The data and information contained in these pages is to be considered indicative and non-binding.

iGuzzini reserves the right to cancel, alter, or rectify the data and information for legal and/or technical and/or technological reasons. iGuzzini, in any case, will try to do everything in its power to ensure that all the data and information herein are correct and up-to-date when printed, yet shall not be held accountable if, regardless of various proofreads, there should be inaccuracies and/or errors because of, and not limited to, legal or technological updates, use of software that is different from that utilized by iGuzzini, and/or issues that are out of Guzzini's control. For information and updates on

compatibility of the light sources with the fittings illustrated in this catalogue, reference must be made to the instructions sheets that can be downloaded from the e-catalogue at **www.iguzzini.com**

These conditions shall apply from 01.01.2020

Safety seals

In order to guarantee operation and safety, public boards have established specific standards which protect the end user against risks. iGuzzini illuminazione in line with its policy of quality and safety, makes products which comply to these standards. The non-electrified components of the system (such as cover plates, couplings, etc.)

cannot be considered as lighting fixtures and therefore are not included in the standards used by the Quality Seal Institutes for their classification. However, all the components of the certified systems have been tested by the said Institutes to ensure compatibility and safety. The luminaires in the iGuzzini collection are designed in

conformance with European standards EN 60598-1 and more specific ones, therefore meeting these requirements in full, including the maximum temperatures allowed and considering the ambient temperature to be 25°C. Please contact the company in case of countries or applications with especially severe temperature

requirements (i.e. fluorescent luminaires in low temperature areas, LED luminaires in high temperature areas, etc.) or different microclimatic features (i.e. swimming pools, explosion-risk zones, etc.). For the correct installation of the luminaires, always consult the instruction sheet provided with the product.

Guarantee

































































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Information

For enquiries, remarks and service needs, please contact the reference company for your geographical area at www.iguzzini.com/contacts.

Icons

	Opti Beam Reflectors		Luminaires for interiors with video terminals		Smart Light		Class III products
	Opti Smart Reflectors		Installation without tools		Midnight recognition		Operation under extreme conditions
	Luminaires with high visual comfort		Presence detector		Feed-through wiring		Product with F mark
	Luminaire with high chromatic yield index		Dimmable luminaire		No upward emission of the luminous flux		CCC type-approved product
	Luminaire angle relative to the horizontal plane		Tunable White Versions		Surge protection		Product with ENEC mark
	Luminaire rotation about the vertical axis		Warm dimming versions		Telemanagement		UL type-approved products
	Graduated scale and aim locking		Tunable White RGB Versions		0-10 Volt		Level of shock resistance IK08
	Adjustable optic		RGB Versions		1-10 Volt		Level of shock resistance IK09
	Double adjustability of the optics		RGBW Versions		Anti-transpiration device		Degree of protection IP23
	Static load resistance		Compatibility with DALI protocol		Multi Power Electronics		Degree of protection IP43
	Contact temperature		Preconfigured light management systems		Carriageable product		Degree of protection IP44
	Reduced height luminaire		Dimmable using standard controls for LEDs		Immersion product		Degree of protection IP54
	Creep adjustment of suspension cables		Compatibility with KNX protocol		Twilight photocell		Degree of protection IP55
	Interchangeable reflector		Compatibility with LON protocol		Daylight sensor		Degree of protection IP66
	Adjustment of light beam opening		Compatibility with DMX protocol		Class I products		Degree of protection IP67
	Emergency lighting		Compatibility with light management systems		Class II products		Degree of protection IP65

Contacts

For inquiries, comments and assistance, refer to the iguzzini.com website for a complete list of iGuzzini operating offices, distributors and agencies and contact the reference company for your geographical area.

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**We want a light
that brings life
to our cities,
animating the
dark and
forgotten corners.
#LightFirst**