Internal and external
lighting systems

iGuzzini

New 2012 13

Palco
Primopiano
Pixel Pro
Optibeam / Laser
Blade / Led
Next Generation
iPlan / Lightshine
iN30 LED
Wow / U.F.O.
iRoll 65 System
iPro
Lun-Up / Led Tube
Linealuce

REPOWER AG – Ilanz, Switzerland
Architect: Daniel Huber
Photography: Günter Laznia

Content

Due to the constant evolution of LED technology, refer to the Product Datasheet in the “Download and Photometric data” area on **http://catalog.iguzzini.com/** for updated power and light flux information.

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Deep Frame / Deep Minimal

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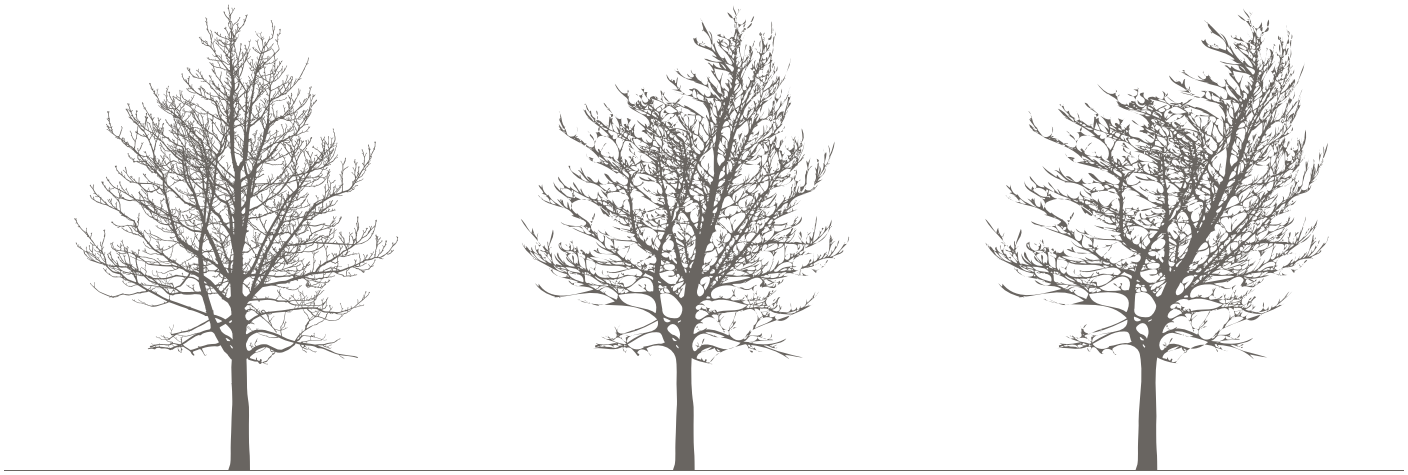
Editorial

Eudemonistic Light

In presenting the work of Thomas Aquinas, Roberta De Monticelli writes: “Thomas Aquinas’ ethic is eudemonistic, that is it is an ethic of happiness [...]. Naturally in the ancient eudemonistic tradition, life was not simply the pleasant life or a generically psychological condition: a happy life was a successful life, a full life, a life fulfilled in all its potentials, it was managing to actually be what we could be. In this sense, a thing can also be happy when it is successful: the criterion is that a happy or successful thing provides happiness to others, in some way it is a source of enjoyment for everyone”. Let’s try reread the passage by replacing the word “thing” with the word “light”; the result is the underlying belief that iGuzzini Illuminazione applies to lighting design and the systems that deliver it. The quality of light influences the quality of life and it is clear that light must combine technique and emotions contemporaneously, defining new sceneries, values, meanings, feelings, culture, comfort and pathos, overcoming the simple light/dark dichotomy. Furthermore, it must achieve this in compliance with the environment and available resources. As we are all aware, iGuzzini Illuminazione included, saving energy is achieved not only



by reducing the number of fittings, but also through correct planning on the part of the lighting designer. Light has a communicative and social value in its ability to optimise urban spaces, giving the possibility of reclaiming the culture of a place, encourage aggregation, stimulating business and tourism, making events and architecture spectacular and increasing the feeling of safety. There is a theme that connects Richard Sennet's Flexible man, Corrado Poli's Flexible cities and iGuzzini Illuminazione's flexible light; and it is the actual condition of flexibility, a quality that recalls a willingness to change, being able to adapt to changing situations without falling apart (Sennet, starting from this consideration, even wrote, like Adam Smith before him, that flexibility is an entrepreneurial virtue: "It may seem strange that Italy could be an example of state of the art production innovation"). And I like to think of a natural image that recalls the concept of flexibility, a tree's ability to bend with the power of the wind, following the changes in intensity and direction. A wholly sustainable value. And what if "flexibility" was one of the new "Memos for the Millennium"? For iGuzzini Illuminazione it already is.

Danilo Premoli

NATIONAL MUSEUM OF CHINA – Beijing - China
MUSEO NAZIONALE DELLA CINA – Pechino, Cina
Architect: Gregor Hoheisel, Katrin Kanus,
Ralf Sieber, Du Peng, Chunsong Dong
Lighting Design: conceptlicht GmbH,
Traunreut TsingHua Design Institute
Photography: Christian Gahl

Internal

Palco / Primopiano /
Pixel Pro / Optibeam /
Laser Blade /
Led Next Generation /
iPlan / Lightshine /
iN30 LED /

MUSEO DEL DESIGN DI HOLON – Holon, Israel
Architect: Ron Arad Architects
Photography: Uzi Porat

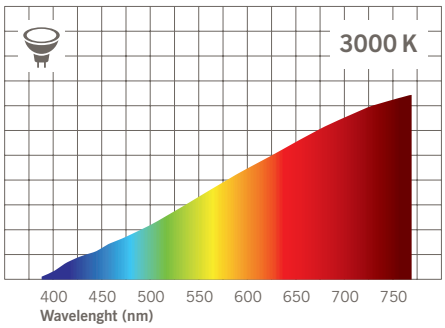
Museum LED Lighting

Palco

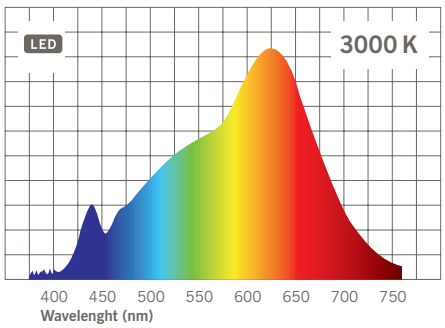
Primopiano Professional

Primopiano Wall Washer

Just like traditional bulbs which are not all the same (some emit warmer light, others cooler tones), LEDs can be separated into those that emit luminous flux in different shades of white (cool, for example, for the typical use in street lights). But there are also differences in colour rendering quality. Some have an extremely high colour quality and are particularly suitable for museums and galleries, where the balance of nuances cannot be even slightly altered in order to preserve the correct perception and enjoyment of works of art. Until recently, the lamps that most accurately rendered painter's colours were considered to be halogens, particularly the dichroic type. Now, technology has also made available LEDs. The new-generation combine efficiency with low energy consumption and great light spectrum quality. Obviously, this quality becomes a precious ally for exhibition curators, who can use light to control the perceptions of the public with respect to the works of art, essential, for example, for what is referred to as the 'luminous climate'. The lighting of fabrics, and therefore fashion, deserves its own mention. New LEDs have a very high level of colour rendering, identified by an extremely high CRI (colour rendering index). The higher the colour rendering index (up to a maximum of 100), the more balanced the lamp is. This enhancement of the value of colour is also achieved through the choice of colour temperature, expressed in degrees Kelvin, depending on the shades for saturation: from 3000K for warm colours to 6000K for cooler ones. If we consider light distribution in a room, LED lamps can also be mounted in wall-washer luminaires for uniform lighting of the walls, a handy device for being able to freely position works of art on the vertical surfaces, deciding whether or not to leave the higher sections of the walls in the shadow.



Emission spectrum of halogen lamp.



LED emission spectrum of the high Colour rendering index.

Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98	98	99	98	98	98	97	98	98	98	99	98	88	98	98	98

Spectral reflection coefficients of the samples used in the CRI.

Palco

led / energy saving / accent light / lighting efficiency / precision / visual comfort / enhancement / professional / simplicity / museum / exhibition / scenography

Museum, artist, spectator, light. A museum is not only the space in which works of art are exhibited, but also the environment where the artist and spectator meet. Its job is to create clean and neutral backgrounds to focus the attention of the spectator on the work itself. But what happens when the context changes? The space can take part in the dialogue between the spectator and the exhibition. The artist communicates his ideas creatively, presenting a subjective reality in order to achieve authentic emotions and feelings, with the aim of creating a dynamic communication between imagination, fantasy and spectator. He gives the work meaning and value. His role is defined by the will of the author and by the design of the space. But the subject that perceives the work may not fit the role that the author had imagined for him; he can move to an active participation, to the point of becoming an integral part of the work itself. And finally light, the essential element that influences the communication between work and spectator. It is through light that the feelings, emotions and even the meaning that the artist wanted to transmit can be emphasized. **Palco, a veritable family of projectors, considers the work exhibited not only as a physical element, but also its content, the feelings and the message that it is communicating, without forgetting about the space and its contribution to the work.** Its shape is inspired by the brush, the main tool used by the artist in the creative process.

On the opposite page
Palco LED

Watch
the product video

iGuzzini

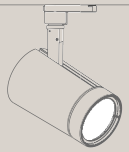
Simulation

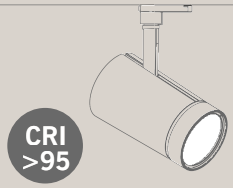
OPTI BEAM

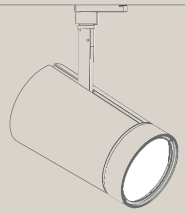
Small body
ø 100 mm

Medium body
ø 120 mm

Large body
ø 140 mm







LED 1000 lm

LED 2000 / 3000 lm

LED 5000 lm

XSM 1000 lm CRI >95

HIT GU6.5 20 W

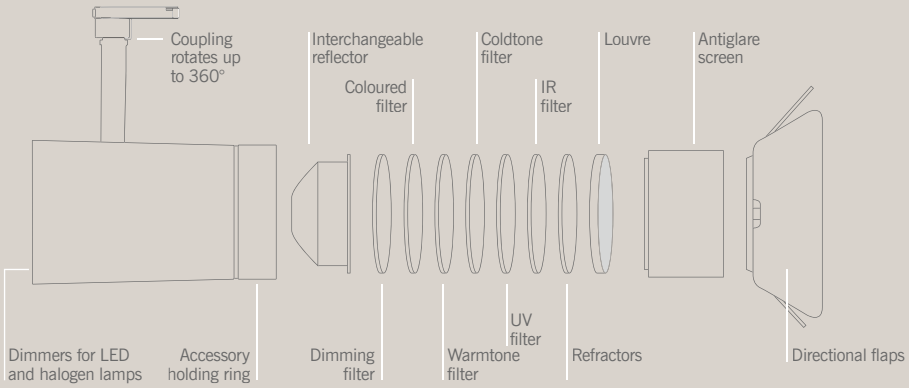
HIT GU6.5 35 / 50 W

QT12 GY6.35 100 W

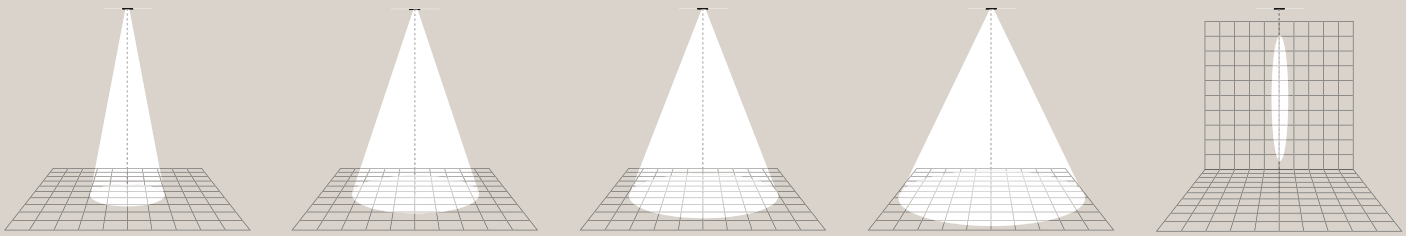
HIT G12 70 / 100 W

HI-PAR 111G8,5 70 W

Accessories



Light cones



spot | medium | flood | wide flood | Light Sliver

Efficiency lamps

LED	1000 lm	19 W	→	50 W		
LED	2000 lm	22 W	→	125 W	/	20 W
LED	5000 lm	31 W	→	200 W	/	35 W

Palco

Design
artec3 Studio

01
White

04
Black

IP20

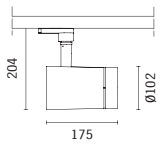
Registered Design

- Installation on mains voltage track.
- Manufactured in die-cast aluminium and thermoplastic material.
- Reflectors in superpure mirrored aluminium with special faceting that improves the distribution of the light beam (OPTIBEAM).
- Spotlight can contain up to three flat accessories contemporaneously and an external component either directional flaps or anti-glare screen.
- DALI versions on request.

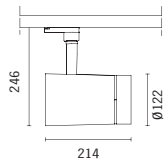
inclination of 0°/90° in relation the horizontal plane.

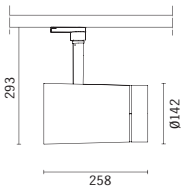
Rotation around the vertical axis: 360°

Dimmer

Small body spotlight	Optic	Code	Lamp	Control gear
	Medium	**MJ67**	19W LED 1200 lm neutral CRI 80	Electronic Dimmable
	Flood	**MJ68**		
	Medium	**MJ71**	19W LED 1100 lm warm CRI 90	
	Flood	**MJ72**		
	Spot	**MJ74**	20W HIT-CE GU6,5	Electronic
	Medium	**MJ75**		
	Flood	**MJ76**		
	Wide Flood	**MJ77**		

The product will be available from January 2013

Medium body spotlight	Optic	Code	Lamp	Control gear
	Spot	**MJ78**	21W LED 2.000 lm neutral CRI 80	Electronic Dimmable
	Medium	**MJ79**		
	Flood	**MJ80**		
	Wide Flood	**MJ81**		
	Spot	**MJ82**	21W LED 2.000 lm warm CRI 80	
	Medium	**MJ83**		
	Flood	**MJ84**		
	Wide Flood	**MJ85**		
	Spot	**MJ86**	21W LED 1.600 lm warm CRI 90	
	Medium	**MJ87**		
	Flood	**MJ88**		
	Wide Flood	**MJ89**		
	Spot	**MJ90**	39W LED 3.100 lm neutral CRI 80	
	Medium	**MJ91**		
	Flood	**MJ92**		
	Wide Flood	**MJ93**		
	Spot	**MJ94**	39W LED 3.000 lm warm CRI 80	
	Medium	**MJ95**		
	Flood	**MJ96**		
	Wide Flood	**MJ97**		
	Spot	**MJ98**	39W LED 2.400 lm warm CRI 90	
	Medium	**MJ99**		
	Flood	**MK00**		
	Wide Flood	**MK01**		
	Spot	**MK02**	22W LED 1.000 lm warm CRI>95	Electronic
	Medium	**MK03**		
	Flood	**MK04**		
	Spot	**MK05**	35W HIT-CE GU6,5	Electronic
	Medium	**MK06**		
	Flood	**MK07**		
	Wide Flood	**MK08**		
	Spot	**MK09**	50W HIT-CE GU6,5	
	Medium	**MK10**		
	Flood	**MK11**		
	Wide Flood	**MK12**		
	Spot	**MK13**	100W max QT12ES Gy6,35	Electronic Dimmable
	Medium	**MK14**		
	Flood	**MK15**		
	Wide Flood	**MK16**		

Large body spotlight	Optic	Code	Lamp	Control gear
	Medium	**MK18**	55W LED 5000 lm neutral CRI 80	Electronic Dimmable
	Flood	**MK19**		
	Wide Flood	**MK20**		
	Medium	**MK22**	55W LED 4800 lm warm CRI 80	
	Flood	**MK23**		
	Wide Flood	**MK24**		
	Medium	**MK26**	55W LED 3800 lm warm CRI 90	
	Flood	**MK27**		
	Wide Flood	**MK28**		
	Spot	**MK29**	70W HIT-CE G12	Electronic
	Medium	**MK30**		
	Flood	**MK31**		
	Wide Flood	**MK32**		
	Spot	**MK33**	100W HIT-CE G12	
	Medium	**MK34**		
	Flood	**MK35**		
	Wide Flood	**ML52**		
	Spot Medium Flood	**ML53**	70W HIR-111-CE Gx8,5	

For the codes MK33 - MK34 - MK35 - ML52 - ML53 only the external accessories can be installed (MXF5 - MXF8).

Palco

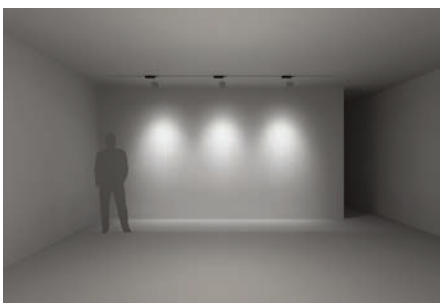
Accessories	Spot	Medium	Flood	Wide Flood
Interchangeable reflector colour 12		**MX83** for small body LED version	**MX84** for small body LED version	
	MX86 for small body HIT-CE Lamps	**MX87** for small body HIT-CE Lamps	**MX88** for small body HIT-CE Lamps	**MX89** for small body HIT-CE Lamps
	MX90 for medium body LED version	**MX91** for medium body LED version	**MX92** for medium body LED version	**MX93** for medium body LED version
	MX94 for medium body CRI>95 version	**MX95** for medium body CRI>95 version	**MX96** for medium body CRI>95 version	
	MX97 for medium body HIT-CE Lamps	**MX98** for medium body HIT-CE Lamps	**MX99** for medium body HIT-CE Lamps	**MXA0** for medium body HIT-CE Lamps
	MXA1 for medium body QT12 Lamps	**MXA2** for medium body QT12 Lamps	**MXA3** for medium body QT12 Lamps	**MXA4** for medium body QT12 Lamps
		MXA6 for large body LED version	**MXA7** for large body LED version	**MXA8** for large body LED version
	MXB0 for large body HIT-CE Lamps	**MXB1** for large body HIT-CE Lamps	**MXB2** for large body HIT-CE Lamps	**MXB3** for large body HIT-CE Lamps

Accessories	small body	medium body	large body
Refractor elliptical distribution 30° colour 24	**MXB4**	**MXB5**	**MXB6**
Refractor elliptical distribution 50° colour 24	**MXB7**	**MXB8**	**MXB9**
Refractor elliptical distribution 55°x70° colour 24	**MXC0**	**MXC1**	**MXC2**
Chromatic dichroic filter colours 05 - 06 - 09 - 24	**MXC3**	**MXC4**	**MXC5**
IR filter colour 24	**MXC6** for MJ74 - MJ75 - MJ76 - MJ77	**MXC7** for MK05 - MK06 - MK07 - MK08 - MK09 - MK10 MK11 - MK12 - MK13 - MK14 - MK15 - MK16	**MXC8** for MK29 - MK30 - MK31 - MK32
UV filter colour 24	**MXC9** for MJ74 - MJ75 - MJ76 - MJ77	**MXD0** for MK05 - MK06 - MK07 - MK08 - MK09 - MK10 MK11 - MK12 - MK13 - MK14 - MK15 - MK16	**MXD1** for MK29 - MK30 - MK31 - MK32
Wormtone filter colour 24	**MXD2** for MJ74 - MJ75 - MJ76 - MJ77	**MXD3** for MK05 - MK06 - MK07 - MK08 MK09 - MK10 - MK11 - MK12	**MXD4** for MK29 - MK30 - MK31 - MK32
Coldtone filter colour 24	**MXD5** for MJ74 - MJ75 - MJ76 - MJ77	**MXD6** for MK05 - MK06 - MK07 - MK08 MK09 - MK10 - MK11 - MK12	**MXD7** for MK29 - MK30 - MK31 - MK32
Soft lens filter colour 24	**MXD8**	**MXD9**	**MXE0**
Dimming filter 20° colour 24	**MXE1**	**MXE2**	**MXE3**
Dimming filter 33° colour 24	**MXE4**	**MXE5**	**MXE6**
Dimming filter 50° colour 24	**MXE7**	**MXE8**	**MXE9**
Louvre (honeycomb) colour 04	**MXF0**	**MXF1**	**MXF2**
Antiglare screen colour 04	**MXF3**	**MXF4**	**MXF5**
Directional flaps colour 04	**MXF6**	**MXF7**	**MXF8**

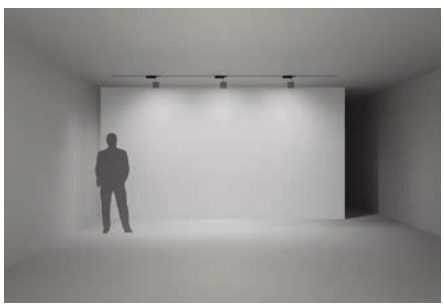
Primopiano

led / energy saving / precision enhancement / professional colour rendering / uniformity museum / exhibition

Lighting works of art requires high-performance fittings that can rigorously respect the quality of the colours, surfaces and volumes. This is why the range of **Primopiano projectors has been extended with two new solutions, which are particularly suitable for museums, art collections, exhibitions and all applications where light must enhance the quality of the objects being exhibited.** By using the latest generation of LEDs, the quality of the light is perfectly matched with energy efficiency. A great deal of research went into finding an LED lamp with a light spectrum able to enhance warm colours in a similar manner to halogen lamps, but absolutely free of ultraviolet and infrared emissions. The innovative wall washer optic has been designed to homogenously light walls without areas of shadow in the space close to the ceiling.



1



2

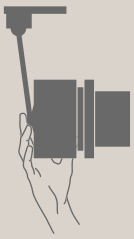
1 – Wall Washer competitors

2 – Primo Piano Wall Washer: Homogeneous illumination of the wall

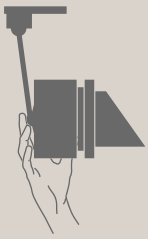
Primopiano Professional

Primopiano Wall Washer

Professional

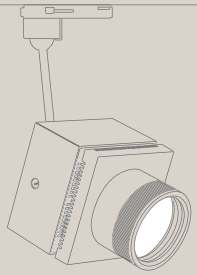


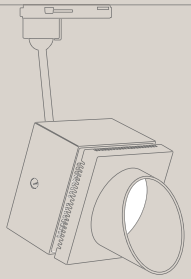
Professional
ww

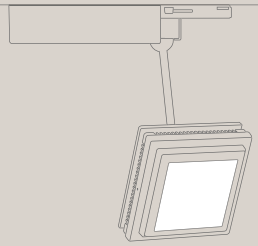


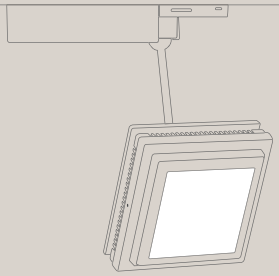
Wall Washer
small body

Wall Washer
large body



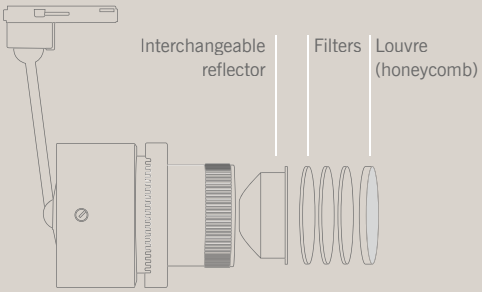






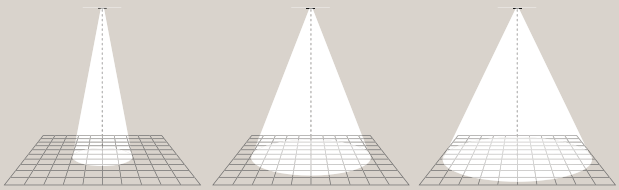
CRI >95

Accessories Primopiano Professional



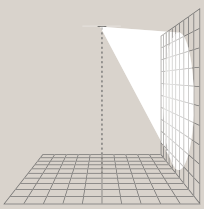
Light cones

Primopiano Professional



spot flood wide flood

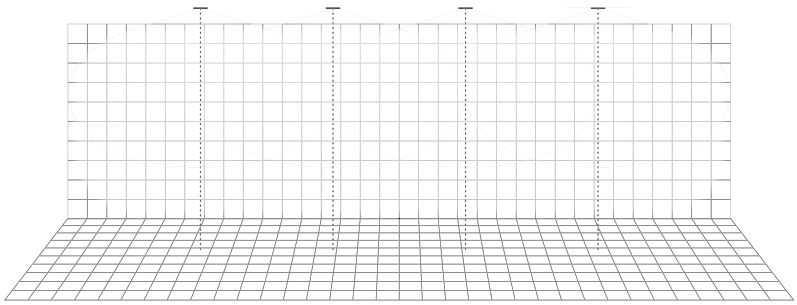
Primopiano Professional WW



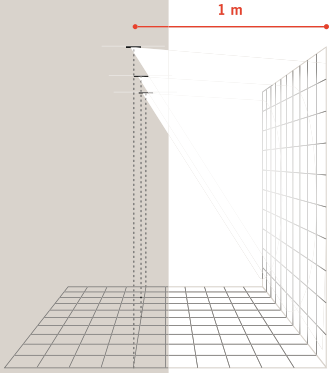
wall washer

Light cones

Primopiano Wall Washer



Optimal distance of the product from the wall: 1m



Efficiency lamps

LED	1000 lm	22 W	→	50 W	CRI >95
LED	2000 lm	24 W	→	125 W	CRI 83

Primopiano Professional

Design
Piano design

01 White

15 Grey

IP20

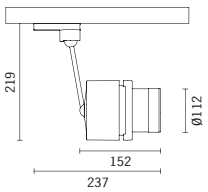
Registered Design

- Installation on mains voltage track.
- Body in die-cast aluminium and stainless steel rod.
- Spotlight complete with local manually dimmable electronic control gear.
- Interchangeable reflector in superpure aluminium.
- Version with wall washer asymmetrical screen.
- High IRC LED lamps versions with passive heat dissipation.
- Spotlight with accessory holding ring that can contain up to 2 flat accessories contemporaneously.

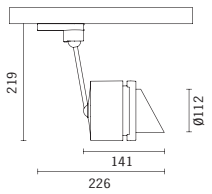
Locking mechanism

Rotation around the vertical axis: 360°

Dimmer

Primopiano professional	Optic	Code	Lamp
	Medium	**MJ37***	22W LED - 1000 lm - warm
	Flood	**MJ38***	22W LED - 1000 lm - warm
	Wide Flood	**MJ39***	22W LED - 1000 lm - warm
	Medium	**ML07**	24W LED - 2000 lm - neutral
		ML11	24W LED - 2000 lm - warm
	Flood	**ML08**	24W LED - 2000 lm - neutral
		ML12	24W LED - 2000 lm - warm
	Wide Flood	**ML09**	24W LED - 2000 lm - neutral
		ML13	24W LED - 2000 lm - warm

* CRI>95

Primopiano professional ww	Optic	Code	Lamp
	Wall washer	**MK94***	22W LED - 1000 lm - warm
	Wall washer with lens	**ML10**	24W LED - 2000 lm - neutral
		ML14	24W LED - 2000 lm - warm

* CRI>95

Accessories	Code
Soft lens filter colour 24	**MXG0**
Rifrattore 55x70 colour 24	**MWE6**
Filter 75x45 spread gel colour 24	**MX74**
Coloured filters colours 05-06-09-24	**MWE7**
Louvre (honeycomb) colour 04	**MX75**

Accessories	Code
Interchangeable reflector medium colour 47	**MX77**
Interchangeable reflector flood colour 47	**MX78**
Interchangeable reflector wideflood colour 47	**MX79**

The product will be available from January 2013

Primopiano Wall Washer

Design
Piano design

01 White
04 Black
74 Grey / black

IP20

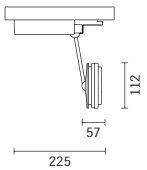
Registered Design

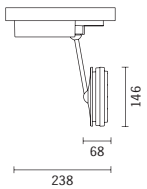
- Installation on mains voltage track and DALI.
- Body in die-cast aluminium, power box in thermoplastic material and stainless steel rod.
- Spotlight complete with local manually dimmable electronic control gear.
- Models with high IRC LED circuit with wall washer emission.
- Passive heat dissipation.

Locking mechanism

Rotation around the vertical axis: 360°

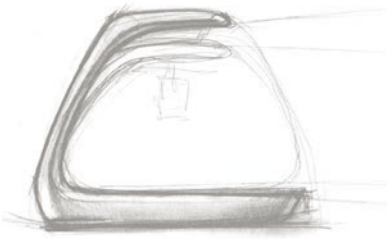
Dimmer

Small body	Optic	Code	Lamp	Control gear
	Wall Washer	**MJ40**	13W LED - 1400 lm - neutral	Electronic Dimmable
		MJ41	13W LED - 1400 lm - warm	
		MJ42	13W LED - 1400 lm - neutral	Electronic Dimmable DALI
		MJ43	13W LED - 1400 lm - warm	

Large body	Optic	Code	Lamp	Control gear
	Wall Washer	**MJ44**	24W LED / 2400 lm / neutral	Electronic Dimmable
		MJ45	24W LED / 2400 lm / warm	
		MJ46	24W LED / 2400 lm / neutral	Electronic Dimmable DALI
		MJ47	24W LED / 2400 lm / warm	

Pixel Pro

led / energy efficiency / dynamic / chromatic quality / sustainability / accent light / structured / innovation / retail / display cases



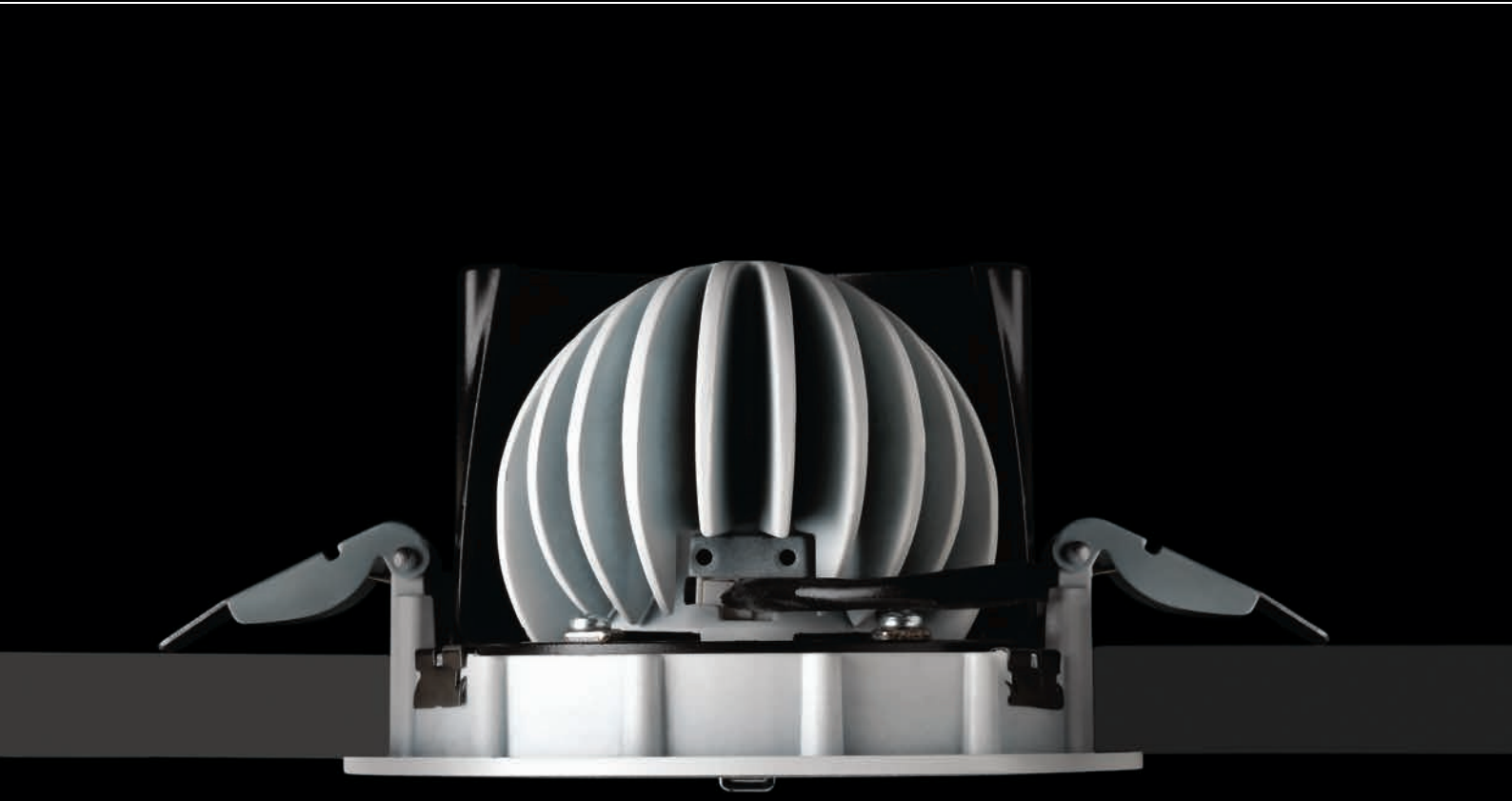
Massimo Iosa Ghini

Pixel Pro was an attempt at shaping dynamism and with the use of new LED technology, the line takes a step forward in defining the future of lighting design. The highly innovative project is the expression of bold research and decisions. It has been designed for applications that require a lighting body with beauty, character and emotion, but at the same time with low energy consumption.

The product integrates with the environment with its fluid and soft silhouette that defines the space with character and elegance. Its design is the result of a careful and thorough reflection of its aesthetic, resulting in the refinement of its details. Without neglecting the versions with conventional sources, Pixel Pro makes an innovative use of LED technology. The heat dissipation is controlled through the design of the dissipator: the functional element is transformed into an aesthetic object. Pixel Pro is perfect for all situations requiring a flexible and structured lighting system, which can enhance locations and products. The improved chromatic yield heightens the colours of the goods, whilst the lack of UV and IR rays ensures that particularly sensitive objects are not damaged.

On the opposite page:
Pixel Pro LED

Watch
the product video



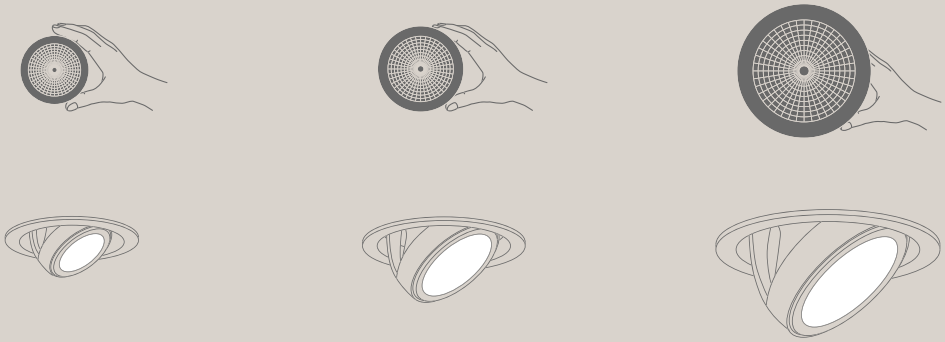
Pixel Pro

OPT BEAM

Small body
ø 100 mm

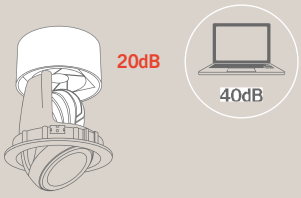
Medium body
ø 125 mm

Large body
ø 195 mm



Pixel Pro Frame
(Medium body ø 125 mm)

Lamps



LED
Active dissipation

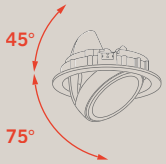
LED
Passive dissipation

HIT-TC G8,5
HIT G12

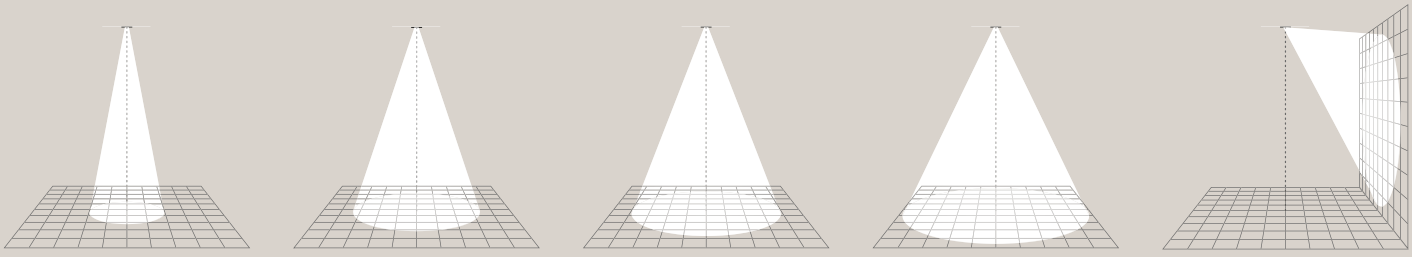
Adjustability

Rotation

Internal / External



Light cones



spot

medium

flood

wide flood

elliptical distribution
with accessory

Efficiency lamps

LED 3000 lm
Passive dissipation
31 W → 200 W
35 W

LED 4000 lm
Passive dissipation
44 W → 300 W
> 35 W

LED 2000 lm
Passive dissipation
23 W → 125 W
20 W

LED 3000 lm
Active dissipation
37 W → 175 W
35 W

LED 750 lm
Passive dissipation
10 W → 50 W

LED 1250 lm
Active dissipation
20 W → 75 W

Pixel Pro

Design
Iosa Ghini

78
Grey / alluminium

39
White / alluminium

IP20

Registered Design
Patent Pending

- Recessed installation on false ceilings with thicknesses from 1 to 30 mm.
- Manufactured with recyclable materials: aluminium and steel.
- LED versions with warm and neutral monochromatic white emission; available with passive dissipation – with lamellar radiator – or active dissipation – with cooling fan; all models are fitted with an integrated electronic control gear.
- Versions with latest generation discharge lamps with integrated electronic control gear (except for HIT - G12 models); available in versions with high performing optics (ECA compliance).
- Class of insulation II (LED version).
- Class of insulation I (discharge versions).

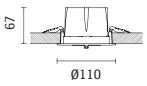
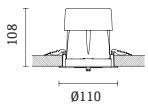
Installation without tools

External rotation on the horizontal axis 75°

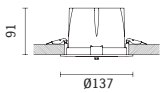
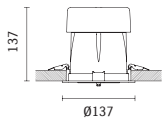
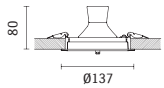
Internal rotation on the horizontal axis 45°

Rotation on the Vertical axis 355°

Visual comfort

Small body	Optic	Code	Lamp
	Spot	**MD77**	10W LED - 820 lm - neutral
		MD79	10W LED - 750 lm - warm
	Medium	**MD78**	10W LED - 820 lm - neutral
		MD80	10W LED - 750 lm - warm
	Spot	**MD81***	20W LED - 1400 lm - neutral
		MD83*	20W LED - 1250 lm - warm
	Medium	**MD82***	20W LED - 1400 lm - neutral
		MD84*	20W LED - 1250 lm - warm

* Active dissipation

Medium body	Optic	Code	Lamp
	Spot	**MD91**	23W LED - 2000 lm - neutral
		MD94	23W LED - 2000 lm - warm
	Medium	**MD92**	23W LED - 2000 lm - neutral
		MD95	23W LED - 2000 lm - warm
	Flood	**MD93**	23W LED - 2000 lm - neutral
		MD96	23W LED - 2000 lm - warm
	Spot	**MD97***	37W LED - 3000 lm - neutral
		ME00*	37W LED - 3000 lm - warm
	Medium	**MD98***	37W LED - 3000 lm - neutral
		ME01*	37W LED - 3000 lm - warm
	Flood	**MD99***	37W LED - 3000 lm - neutral
		ME02*	37W LED - 3000 lm - warm
	Spot	**MD85**	20W HIT-TC-CE GU6,5
	Flood	**MD86**	
	Wide flood	**MD87**	
	Spot	**MD88**	35W HIT-TC-CE GU6,5
	Flood	**MD89**	
	Wide flood	**MD90**	

* Active dissipation

Pixel Pro

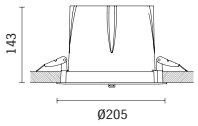
Design
Iosa Ghini

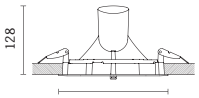
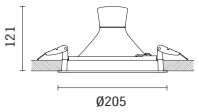
78
Grey / alluminium

39
White / alluminium

IP20

Registered Design
Patent Pending

Large body	Optic	Code	Lamp
	Spot	**ME21**	31W LED - 3000 lm - neutral
		ME24	31W LED - 3000 lm - warm
	Medium	**ME22**	31W LED - 3000 lm - neutral
		ME25	31W LED - 3000 lm - warm
	Flood	**ME23**	31W LED - 3000 lm - neutral
		ME26	31W LED - 3000 lm - warm
	Spot	**ME27**	44W LED - 4000 lm - neutral
		ME28	44W LED - 4000 lm - warm
	Medium	**ME29**	44W LED - 4000 lm - neutral
		ME30	44W LED - 4000 lm - warm
	Flood	**ME31**	44W LED - 4000 lm - neutral
		ME32	44W LED - 4000 lm - warm

Large body	Optic	Code	Lamp
	Spot	**ME15***	20 / 35 / 70 / 150W HIT-TC-CE G12
	Flood	**ME16***	
	Spot	**ME17***	50W HIT-TC-CE G12
	Flood	**ME18***	
	Spot	**ME19***	100W HIT-TC-CE G12
	Flood	**ME20***	
	Spot	**ME03**	35W HIT-TC-CE G8,5
	Flood	**ME04**	
	Spot	**ME05**	50W HIT-TC-CE G8,5
	Flood	**ME06**	
	Wide flood	**ME07**	
	Spot	**ME08**	70W HIT-TC-CE G8,5
	Flood	**ME09**	
	Wide flood	**ME10**	
	Spot	**ME11****	35W HIT-TC-CE G8,5
	Flood	**ME12****	
	Spot	**ME13****	70W HIT-TC-CE G8,5
	Flood	**ME14****	

* Control gears to be ordered separately
9698 for 20W; **4466** for 35W; **4467** for 70W; **4465** for 150W

** ECA high performance spotlight

Accessories	Medium body	Large body
Refractor for elleptical distribution of the light flow colour 24	**1191**	**9539**
Coloured filters colours 05-06-09-24	**4491**	**8782**
UV filter colour 24	**4497**	**MX61**
Wall washer effect filter colour 24	**4494**	**MX60**
Spill-ring colour 04	**MX58**	**MX59**
Optibeam medium spotlight colour 12	**MX64** for MD85 - MD86 - MD87 - MD88- MD89 - MD90	**MX65** for ME03 - ME04 - ME05 - ME06 - ME07 ME08 - ME09 - ME10
Cover only for HIT-TC-CE lamps colour 04	**MX62**	**MX63**

Pixel Pro Frame

Design
Iosa Ghini

E1
Grey / black / aluminum

39
White / aluminum

IP20

Registered Design
Patent Pending

- Recessed installation on false ceilings with thicknesses from 1 to 30 mm.
- Manufactured with recyclable materials: aluminium and steel.
- Available in the single square and rectangular versions with 2 and 3 compartments and perimeter rim.
- LED versions with warm and neutral monochromatic white emission; available with passive dissipation – with lamellar radiator – or active dissipation – with cooling fan; all models are fitted with an integrated electronic control gear.
- Versions with latest generation discharge lamps with integrated electronic control gear.

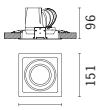
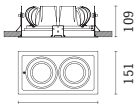
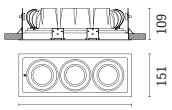
Installation without tools

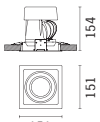
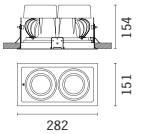
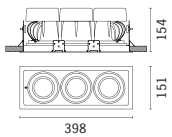
External rotation on the horizontal axis 75°

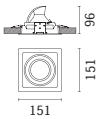
Internal rotation on the horizontal axis 45°

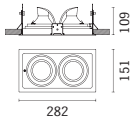
Rotation on the Vertical axis 355°

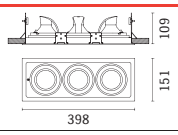
Visual comfort

Passive dissipation	Optic	Code	Lamp
	Flood	**MF13**	23W LED - 2000 lm - neutral
	Spot	**MF14**	23W LED - 2000 lm - warm
	Medium	**MF15**	23W LED - 2000 lm - warm
	Flood	**MF16**	23W LED - 2000 lm - warm
	Flood	**MF17**	2x23W LED - 4000 lm - neutral
	Spot	**MF18**	2x23W LED - 4000 lm - warm
	Medium	**MF19**	2x23W LED - 4000 lm - warm
	Flood	**MF20**	2x23W LED - 4000 lm - warm
	Flood	**MF21**	3x23W LED - 6000 lm - neutral
	Spot	**MF22**	3x23W LED - 6000 lm - warm
	Medium	**MF23**	3x23W LED - 6000 lm - warm
	Flood	**MF24**	3x23W LED - 6000 lm - warm

Active dissipation	Optic	Code	Lamp
	Flood	**ML16**	37W LED - 3000 lm - neutral
	Spot	**ML17**	37W LED - 3000 lm - warm
	Medium	**ML18**	37W LED - 3000 lm - warm
	Flood	**ML19**	37W LED - 3000 lm - warm
	Flood	**ML20**	2x37W LED - 6000 lm - neutral
	Spot	**ML21**	2x37W LED - 6000 lm - warm
	Medium	**ML22**	2x37W LED - 6000 lm - warm
	Flood	**ML23**	2x37W LED - 6000 lm - warm
	Flood	**ML24**	3x37W LED - 9000 lm - neutral
	Spot	**ML25**	3x37W LED - 9000 lm - warm
	Medium	**ML26**	3x37W LED - 9000 lm - warm
	Flood	**ML27**	3x37W LED - 9000 lm - warm

Recessed	Optic	Code	Lamp
	Spot	**MF04**	35W HIT-TC-CE GU6,5
	Flood	**MF05**	
	Wideflood	**MF06**	

Recessed with 2 optical assemblies	Optic	Code	Lamp
	Spot	**MF07**	2x35W HIT-TC-CE GU6,5
	Flood	**MF08**	
	Wideflood	**MF09**	

Recessed with 3 optical assemblies	Optic	Code	Lamp
	Spot	**MF10**	3x35W HIT-TC-CE GU6,5
	Flood	**MF11**	
	Wideflood	**MF12**	

Simulation

Optibeam

OPTI BEAM

Tecnica

Express recessed

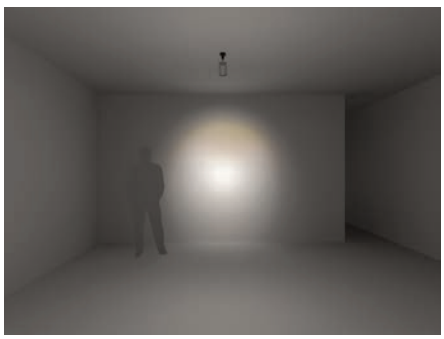
Lux

Front Light

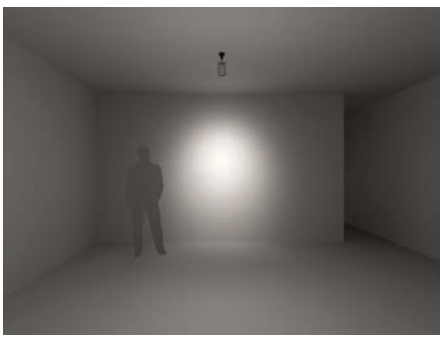
Express spot

Sydecar

The quality of a projector is determined by the optical system, the reflectors and the lenses, which must direct the light flow from the lamps correctly. The particular texture of the reflectors must produce a light distribution without the defects produced by the possible imperfections of the lamps and in particular the typical halo effect of discharge lamps. The lenticular surface of the reflectors has been carefully studied to produce micro reflections which can eliminate defects, without reducing the optical performance, and therefore the efficiency, of the fittings.



1



2

1 – Colour rendering imperfections of the luminous flux caused by metal halide lamps

2 – Optibeam removes chromatic imperfections

spot
< 10°

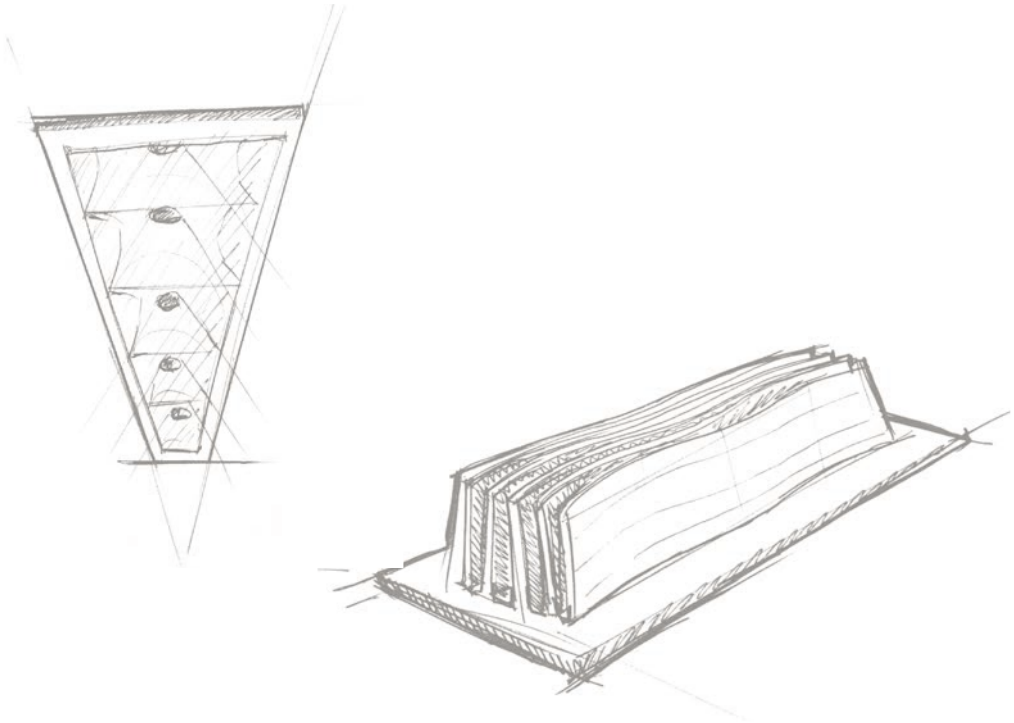
medium
10°/ 20°

flood
25°/ 35°

wide flood
> 45°

Laser Blade

led / sustainability / energy efficiency / general lighting / anti-glare / small dimensions / concentration / simplicity / retail /

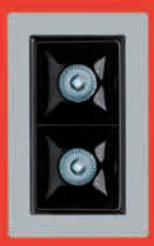


LEDs, due to their shape and their nature of dot-like sources of extremely concentrated light, raise two types of issues that require studied solutions. The first is the correct return of the balance of colours and the chromatic quality of the light and the second is anti-glare. In these cases iGuzzini's solutions are called iPlan, for a diffused and relaxed light and Laser Blade, for a more concentrated and, in some ways, "dramatic" light that eliminates light beams that cross the eyes and which are not required to light the objects. The high efficiency of the fitting is guaranteed due to the utilized lenses which aim the light flow on the desired area. Spillage outside the desired area is minimized by the lenses (cut off) utilized by iGuzzini. One of the primary advantages of using Laser Blade is derived from its minimal dimensions. This quality allows one to create patterns on the ceiling which was previously impossible with other forms of recessed lighting. The limit, but also the strength of this solution is that it concentrates the light on horizontal surfaces: shelves, tables, floors. It is particularly suitable as an accent light that, silhouetted against darker walls, highlights, by contrast, the objects displayed in the windows and on the shelves.

On the opposite page:
Laser Blade, frame and minimal versions

Watch
the product video

Frame 15 Led



Frame 2 Led

Frame 10Led

Frame 5 Led

Frame 1 Led

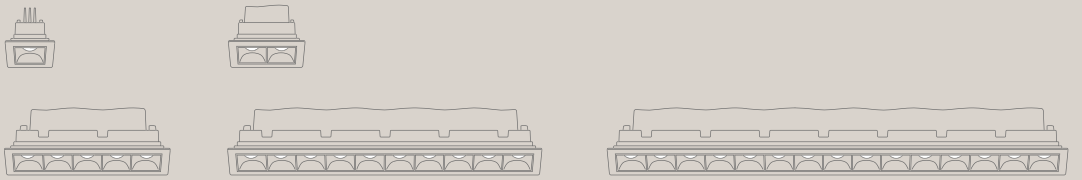
Minimal 15 Led

Minimal 10 Led

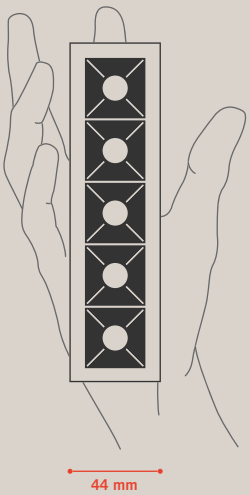
Minimal 5 Led

Simulation

Frame

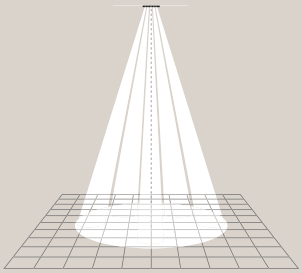


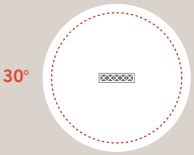
Minimal



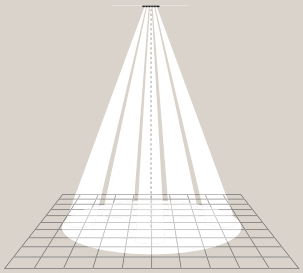
Compact dimension
of the fitting

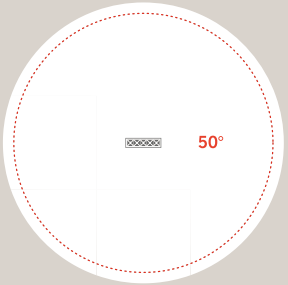
Light cones





medium

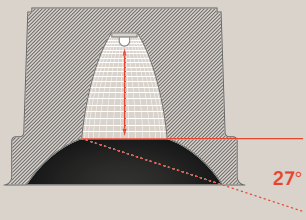


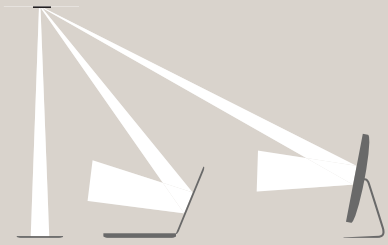


flood

Visual comfort

luminance L< 1000 cd/m² for α>65





The recessed position of the LED maximizes the visual comfort provided by Laser Blade.

Control the visual glare according to legal requirements

Efficiency lamps

3000 lm	30 W	→	150 W
2000 lm	20 W	→	100 W
1000 lm	10 W	→	50 W
400 lm	4 W	→	35 W
200 lm	2 W	→	20 W

Laser Blade

Design
iGuzzini

04
Black

47
White / black

74
Grey / black

IP20

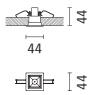
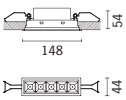
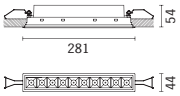
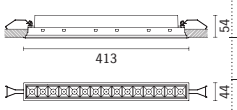
Registered Design

- Recessed installation in false ceilings with 1-25mm thickness; fixing system with steel wire springs.
- Main body with radiant surface made of die-cast aluminium.
- High-definition optics made of metallised thermoplastic material, integrated in the innovative black anti-glare screen that defines emission with luminance control UGR<19.
- Versions with perimeter frame and flush with ceiling (frameless); single LED or multiple-cell models available.
- The special configuration of the optical system delivers a precise circular distribution without punctiform effect.

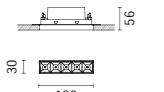
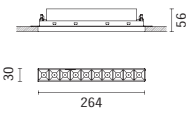
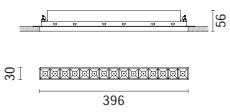
Installation without tools Frame version

Controlled luminance UGR<19

Visual comfort

Frame recessed colours 47 - 74	Optic	Code	Lamp
	Medium	**MK45**	2W LED - 200 lm - neutral
		MK46	2W LED - 180 lm - warm
	Medium	**MK47**	4W LED - 400 lm - neutral
		MK48	4W LED - 360 lm - warm
	Flood	**MK49***	10W LED - 1000 lm - neutral
	Medium	**MK50***	10W LED - 900 lm - warm
	Flood	**MK51***	
	Flood	**MK52****	20W LED - 2000 lm - neutral
	Medium	**MK53****	20W LED - 1800 lm - warm
	Flood	**MK54****	
	Flood	**MK55****	30W LED - 3000 lm - neutral
	Medium	**MK56****	30W LED - 2700 lm - warm
	Flood	**MK57****	

* Complete with electronic control gear (product in Class II)
** Complete with DALI control gear (product in Class II)

Minimal recessed colour 04	Optic	Code	Lamp
	Flood	**MK36***	10W LED - 1000 lm - neutral
	Medium	**MK37***	10W LED - 900 lm - warm
	Flood	**MK38***	
	Flood	**MK39****	20W LED - 2000 lm - neutral
	Medium	**MK40****	20W LED - 1800 lm - warm
	Flood	**MK41****	
	Flood	**MK42****	30W LED - 3000 lm - neutral
	Medium	**MK43****	30W LED - 2700 lm - warm
	Flood	**MK44****	

* Complete with electronic control gear (product in Class II)
** Complete with DALI control gear (product in Class II)

Accessories	Code
Electronic control gear max 7 LED connected colour 00	**MXF9**

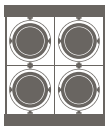
Accessories	Code
DALI dimmable electronic control gear max 15 LED connected colour 00	**BZM4**

FARAONE SHOP – Milan, Italy
Architectural and lighting project: Iosa Ghini Associati
Photography: Santi Caleca

Next Gene ration LED

led / sustainability / wide range / icon / expressiveness / efficiency / adaptability / long life /

Cestello



Frame / Minimal

Deep Frame / Deep Minimal

Piero Castiglioni

Several years have passed since the last revolution within the lighting industry. It was brought about by the introduction and spread of halogen lamps; both high and low voltage systems. The new lamps, with their extremely wide range of power and their small dimensions have paved the way for designers to come up with new devices and a new concept of lighting design. New technology and the spread of luminous diodes represents a further great revolution which was unthinkable even just a few years ago.
LED technology has very quickly reached levels of performance, duration, colour rendering and reliability that allow it to be used in a wide range of applications and to drive industrial research, while simultaneously allowing for the adapting and conversion of various existing models in the catalogue. The revision of a series of products, amongst which is the Cestello and all its derivatives,have resulted in a light device that incorporates the light source within the body. Additionally, the system offers a choice between two different heat dissipation systems; active and passive. The lamps with active heat dissipation integrate a small cooling fan, which allows the use of LEDs with a total power of 35 Watt and a light emission, which would be impossible with other types of lamps in these devices, thereby increasing performance. The inclusion of a ready-made parts, such as a small cooling fan (systems found in computers) within a lighting device, continues along standing tradition which began in the last century and was used by artists and designers alike (Duchamp, Man Ray, the Castiglioni brothers, Bruno Munari etc.). The lamps, with passive heat dissipation (without forced ventilation), are characterised by a power of 25 Watt and an emission of 1650 lumens; they can replace traditional halogen and metal halide lamps in areas that require silence. Four innovative optics have been designed for the new lamp: refractors designed with the use of nanotechnology provide spot (16°), average (30°), flood (46°) and elliptical beams. Various beams can be achieved by replacing the glass in front of the source; a further revolution in terms of management and maintenance. This new lamp can be used as a veritable lighting device thus reducing energy consumption, whilst achieving good colour rendering and reliability over time.

Design Piero Castiglioni e Gae Aulenti

Frame

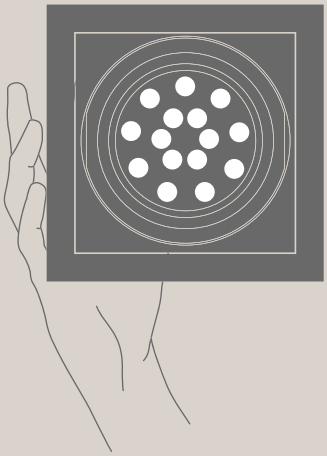
Minimal

Deep Frame

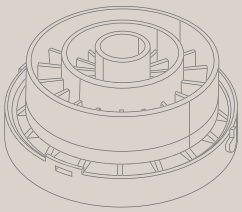
Deep Minimal

Cestello

Next Generation LED

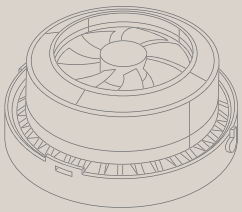


Passive dissipation
ø 111 mm



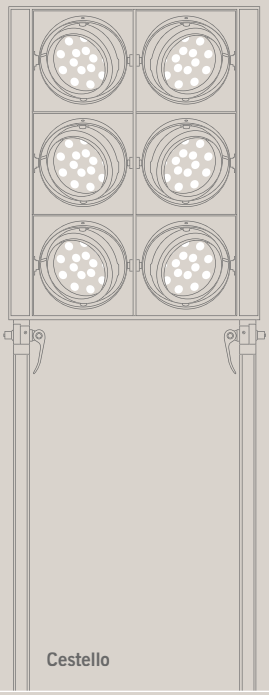
2000 lm

Active dissipation
ø 111 mm

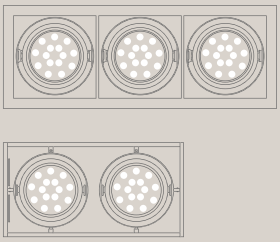


3000 lm

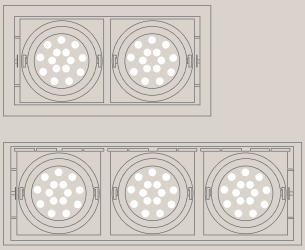
Products



Cestello

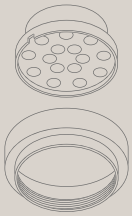


Deep Frame / Minimal



Frame / Minimal

Interchangeable lenses as accessories



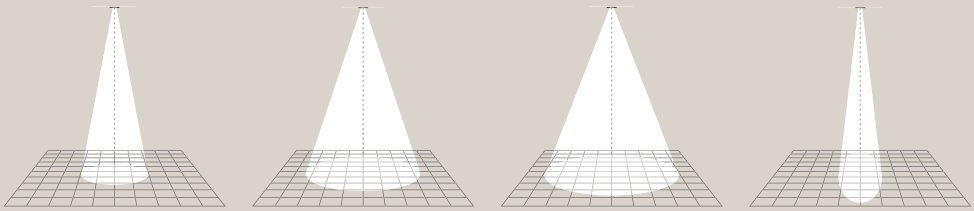
Spot optic

Medium optic

Flood optic

Elliptic optic

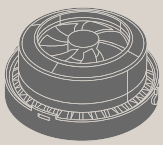
Light cones



spot | medium | flood | elliptic

Noise Level

Active dissipation system



20dB

Efficiency lamps

15 LED Passive dissipation	2000 lm	20 W	→	20 W	/	125 W
15 LED Active dissipation	3000 lm	30 W	→	35 W	/	200 W

Cestello

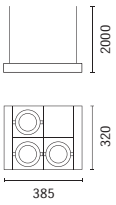
Design
G. Aulenti
P. Castiglioni

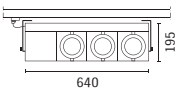
15
Grey

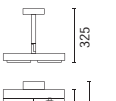
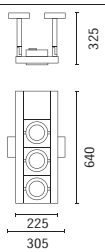
IP20

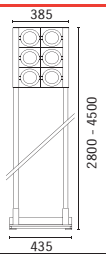
Registered Design

- Multilamp fittings with high performing LEDs luminous groups.
- Available in spot, suspension, wall mounted and floor versions.
- Optical assembly consisting of an aluminium frame to which the single optical compartments are secured.
- Suspension and wall mounted versions with DALI wiring.
- Versions with passive dissipation **(20W - 2000lm)** with innovative aluminium radiant body.
- The active dissipation versions **(30W - 3000lm)** integrate a highly dissipating cooling fan designed to reduce noise levels to a minimum.

Cestello pendant	Optic	Passive dissipation 20W 2000lm	Active dissipation 30W 3000lm	Lamp
	Flood	**MG93**	**MG99**	3xLED - neutral
	Spot	**MG94**	**MH00**	3xLED - warm
	Medium	**MG95**	**MH01**	
	Flood	**MG96**	**MH02**	
	Spot	**MG97**	**MH03**	3xLED - warm IRC>90
	Medium	**MG98**	**MH04**	

Cestello Spot	Optic	Passive dissipation 20W 2000lm	Active dissipation 30W 3000lm	Lamp
	Flood	**MH05**	**MH11**	3xLED - neutral
	Spot	**MH06**	**MH12**	3xLED - warm
	Medium	**MH07**	**MH13**	
	Flood	**MH08**	**MH14**	
	Spot	**MH09**	**MH15**	3xLED - warm IRC>90
	Medium	**MH10**	**MH16**	

Cestello wall mounted	Optic	Passive dissipation 20W 2000lm	Active dissipation 30W 3000lm	Lamp
	Flood	**MH17**	**MH23**	3xLED - neutral
	Spot	**MH18**	**MH24**	3xLED - warm
	Medium	**MH19**	**MH25**	
	Flood	**MH20**	**MH26**	
	Spot	**MH21**	**MH27**	3xLED - warm IRC>90
	Medium	**MH22**	**MH28**	
	Flood	**MH29**	**MH35**	3xLED - neutral
	Spot	**MH30**	**MH36**	3xLED - warm
	Medium	**MH31**	**MH37**	
	Flood	**MH32**	**MH38**	
	Spot	**MH33**	**MH39**	3xLED - warm IRC>90
	Medium	**MH34**	**MH40**	

Cestello free-standing	Optic	Passive dissipation 20W 2000lm	Active dissipation 30W 3000lm	Lamp
	Flood	**MH41**	**MH47**	6xLED - neutral
	Spot	**MH42**	**MH48**	6xLED - warm
	Medium	**MH43**	**MH49**	
	Flood	**MH44**	**MH50**	
	Spot	**MH45**	**MH51**	6xLED - warm IRC>90
	Medium	**MH46**	**MH52**	

Accessories	Code
Screen medium optic colour 24	**MXG3**
Screen flood optic colour 24	**MXG4**
Screen elliptical optic colour 24	**MXG5**

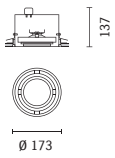
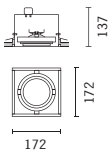
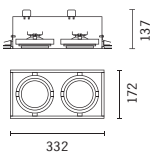
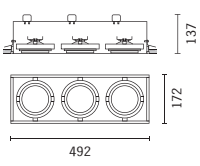
Minimal Frame

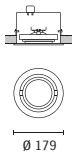
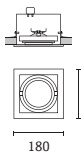
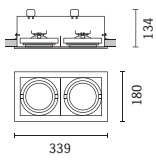
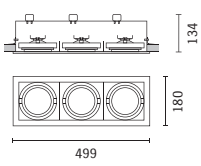
Design
G. Aulenti
P. Castiglioni

01 White
04 Black
15 Grey

IP20

- Multilamp fittings with high performing LEDs luminous groups.
- Installation on false ceilings with thickness of 12.5mm (Minimal) and thicknesses from 1 to 30mm (Frame).
- Steel sheet optical compartment.
- DALI control gear.
- Die-cast aluminium optical assemblies.
- Versions with passive dissipation **(20W - 2000lm)** with innovative aluminium radiant body.
- The active dissipation versions **(30W - 3000lm)** itegrate a highly dissipating cooling fan designed to reduce noise levels to a minimum.

Minimal colour 04	Optic	Passive dissipation 20W 2000lm	Active dissipation 30W 3000lm	Lamp
	Flood	**MF25**	**MF73**	LED - neutral
	Spot	**MF26**	**MF74**	LED - warm
	Medium	**MF27**	**MF75**	
	Flood	**MF28**	**MF76**	
	Spot	**MF29**	**MF77**	LED - warm IRC>90
	Medium	**MF30**	**MF78**	
	Flood	**MF31**	**MF79**	LED - neutral
	Spot	**MF32**	**MF80**	LED - warm
	Medium	**MF33**	**MF81**	
	Flood	**MF34**	**MF82**	
	Spot	**MF35**	**MF83**	LED - warm IRC>90
	Medium	**MF36**	**MF84**	
	Flood	**MF37**	**MF85**	2xLED - warm
	Spot	**MF38**	**MF86**	2xLED - warm
	Medium	**MF39**	**MF87**	
	Flood	**MF40**	**MF88**	
	Spot	**MF41**	**MF89**	2xLED - warm IRC>90
	Medium	**MF42**	**MF90**	
	Flood	**MF43**	**MF91**	3xLED - neutral
	Spot	**MF44**	**MF92**	3xLED - warm
	Medium	**MF45**	**MF93**	
	Flood	**MF46**	**MF94**	
	Spot	**MF47**	**MF95**	3xLED - warm IRC>90
	Medium	**MF48**	**MF96**	

Frame colours 01 - 15	Optic	Passive dissipation 20W 2000lm	Active dissipation 30W 3000lm	Lamp
	Flood	**MF49**	**MF97**	LED - neutral
	Spot	**MF50**	**MF98**	LED - warm
	Medium	**MF51**	**MF99**	
	Flood	**MF52**	**MG00**	
	Spot	**MF53**	**MG01**	LED - warm IRC>90
	Medium	**MF54**	**MG02**	
	Flood	**MF55**	**MG03**	LED - neutral
	Spot	**MF56**	**MG04**	LED - warm
	Medium	**MF57**	**MG05**	
	Flood	**MF58**	**MG06**	
	Spot	**MF59**	**MG07**	LED - warm IRC>90
	Medium	**MF60**	**MG08**	
	Flood	**MF61**	**MG09**	2xLED - warm
	Spot	**MF62**	**MG10**	2xLED - warm
	Medium	**MF63**	**MG11**	
	Flood	**MF64**	**MG12**	
	Spot	**MF65**	**MG13**	2xLED - warm IRC>90
	Medium	**MF66**	**MG14**	
	Flood	**MF67**	**MG15**	3xLED - neutral
	Spot	**MF68**	**MG16**	3xLED - warm
	Medium	**MF69**	**MG17**	
	Flood	**MF70**	**MG18**	
	Spot	**MF71**	**MG19**	3xLED - warm IRC>90
	Medium	**MF72**	**MG20**	

Deep Minimal
Deep Frame

Design
iGuzzini

01
White

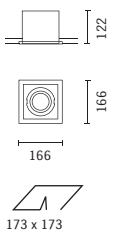
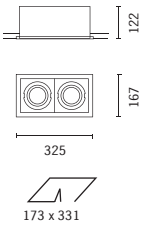
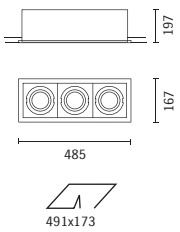
04
Black

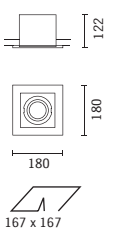
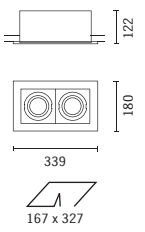
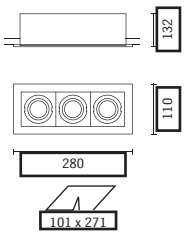
74
Grey / black

IP20

Registered Design

- Multilamp fittings with high performing LEDs luminous groups.
- Installation on false ceilings with thickness of 12.5mm (Minimal) and thicknesses from 1 to 30mm (Frame).
- Steel sheet optical compartment.
- DALI control gear.
- Die-cast aluminium optical assemblies.
- Versions with passive dissipation **(20W - 2000lm)** with innovative aluminium radiant body.
- The active dissipation versions **(30W - 3000lm)** integrate a highly dissipating cooling fan designed to reduce noise levels to a minimum.

Deep Minimal colours 01 - 04	Optic	Passive dissipation 20W 2000lm	Active dissipation 30W 3000lm	Lamp
	Flood	**MG21**	**MG57**	LED - neutral
	Spot	**MG22**	**MG58**	LED - warm
	Medium	**MG23**	**MG59**	
	Flood	**MG24**	**MG60**	
	Spot	**MG25**	**MG61**	LED - warm IRC>90
	Medium	**MG26**	**MG62**	
	Flood	**MG27**	**MG63**	2xLED - warm
	Spot	**MG28**	**MG64**	2xLED - warm
	Medium	**MG29**	**MG65**	
	Flood	**MG30**	**MG66**	
	Spot	**MG31**	**MG67**	2xLED - warm IRC>90
	Medium	**MG32**	**MG68**	
	Flood	**MG33**	**MG69**	3xLED - neutral
	Spot	**MG34**	**MG70**	3xLED - warm
	Medium	**MG35**	**MG71**	
	Flood	**MG36**	**MG72**	
	Spot	**MG37**	**MG73**	3xLED - warm IRC>90
	Medium	**MG38**	**MG74**	

Deep Frame colours 01 - 74	Optic	Passive dissipation 20W 2000lm	Active dissipation 30W 3000lm	Lamp
	Flood	**MG39**	**MG75**	LED - neutral
	Spot	**MG40**	**MG76**	LED - warm
	Medium	**MG41**	**MG77**	
	Flood	**MG42**	**MG78**	
	Spot	**MG43**	**MG79**	LED - warm IRC>90
	Medium	**MG44**	**MG80**	
	Flood	**MG45**	**MG81**	2xLED - warm
	Spot	**MG46**	**MG82**	2xLED - warm
	Medium	**MG47**	**MG83**	
	Flood	**MG48**	**MG84**	
	Spot	**M49**	**MG85**	2xLED - warm IRC>90
	Medium	**MG50**	**MG86**	
	Flood	**MG51**	**MG87**	3xLED - neutral
	Spot	**MG52**	**MG88**	3xLED - warm
	Medium	**MG53**	**MG89**	
	Flood	**MG54**	**MG90**	
	Spot	**MG55**	**MG91**	3xLED - warm IRC>90
	Medium	**MG56**	**MG92**	

Accessories	Code
Screen medium optic colour 24	**MXG3**
Screen flood optic colour 24	**MXG4**

Accessories	Code
Screen elliptical optic colour 24	**MXG5**

iPlan

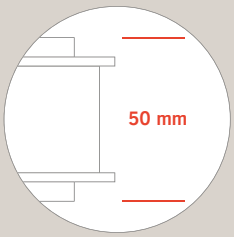
led / savings / lighting efficiency / constant chromatic quality / visual comfort / colour rendering / coordinated system / offices / conference halls /

Visual ergonomics is directly proportional to the correct return of balance of the colours and the chromatic quality of the light. **The solution designed by iGuzzini with the iPlan and iPlan LED achieves a soft, diffused and glare-free light.** iPlan now has a high-performance LED solution in addition to the fluorescent lamp version. In this case the technological innovation of placing the new LEDs on the perimeter of the lamp body ensures that part of the light produced is directed downwards by the bottom of the fitting. The bottom is covered with a highly-efficient mirror reflector that "mixes" the concentrated light of the LEDs, further softened by the microprisms on the internal surface of the diffusor. This allows for a homogenous and highly efficient light surface with fewer LEDs (for further savings in energy consumption). Additionally, it reduces the thickness of the luminaire, which can be mounted on the ceiling, recessed or suspended. In order to attain maximum benefit and energy efficiency from the system, it is essential that the fitting be sealed hermetically, in order to prevent dust entering, as this could compromise the optical efficiency of the internal surfaces lit by LEDs.

On the opposite page:
iPlan LED pendant
iPlan floor lamp

Watch
the product video

iPlan

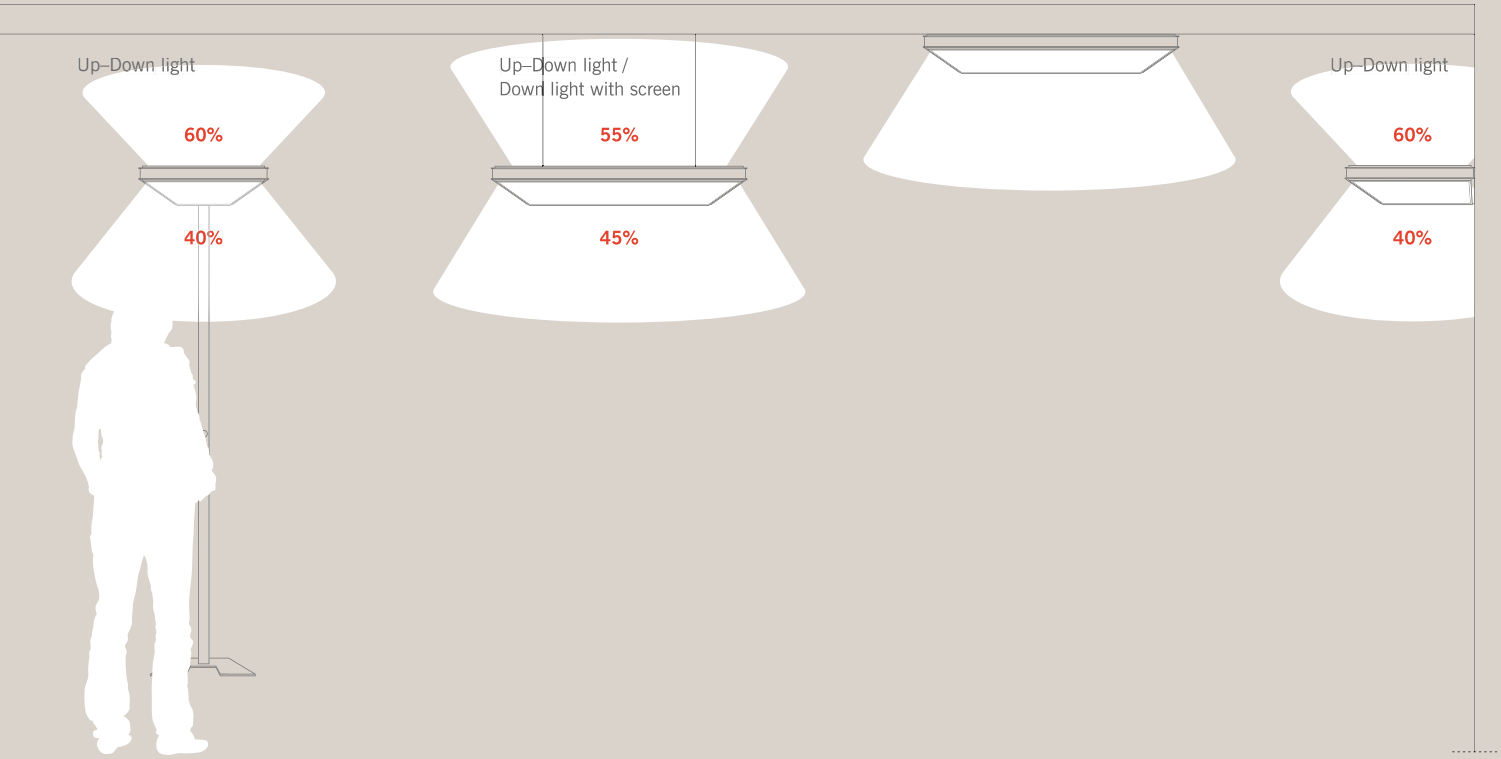


Floor

Pendant
1500x300 mm
1200x300 mm

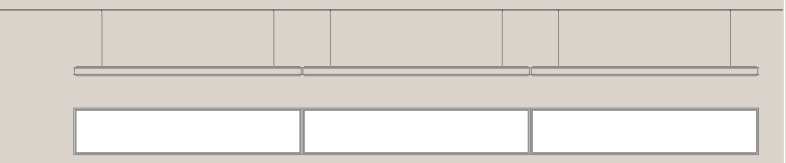
Ceiling-mounted
1500x300 mm
1200x300 mm

Wall-mounted
640x300 mm



Continuous line

Pendant

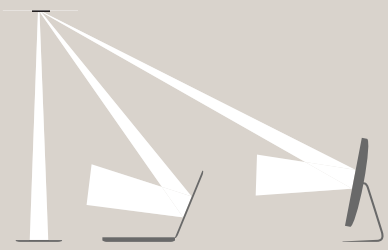


1500x300 mm

1200x300 mm

Visual comfort

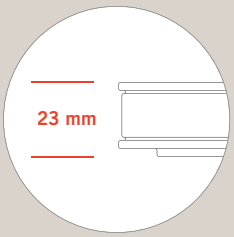
(UGR<19 e L<1500 cd/m² α>65°)



Control the visual glare according to legal requirements

Screen

Microprismatic screen

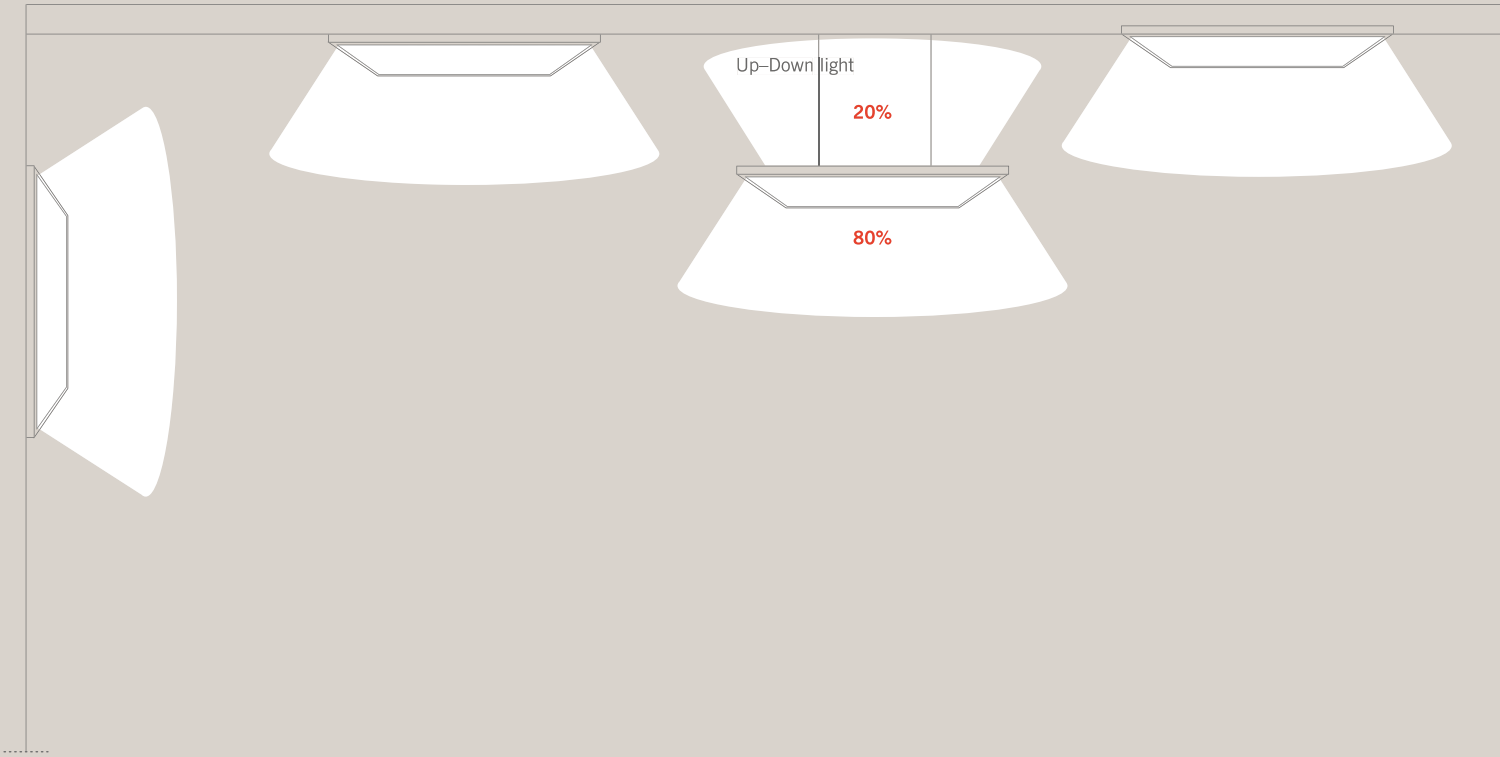


Wall-mounted
600x600 mm
1200x300 mm

Ceiling-mounted
600x600 mm
1200x300 mm

Pendant
600x600 mm
1200x300 mm

Recessed
600x600 mm
1200x300 mm



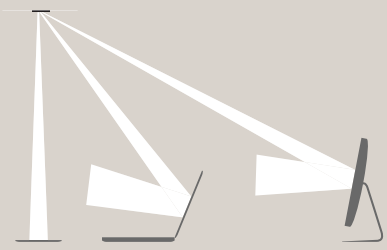
Screen

Microprismatic screen

Opaque screen

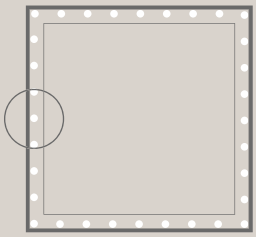
Visual comfort

(UGR<19 e L<1500 cd/m² α>65°)

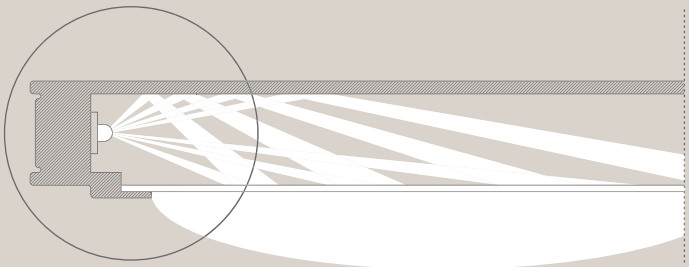


Control the visual glare according to legal requirements

Optical system



The thinness of the product is obtained thanks to the positioning of the LEDs on the perimeter of the lamp body.



iPlan

Design
iGuzzini

01 White

15 Grey

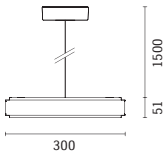
IP20

- Direct/indirect light emission fluorescent fitting.
- Available in suspended, ceiling mounted, wall-mounted and floor versions.
- Optical assembly with lateral profiles in extruded aluminium; injection molded polycarbonate end caps; steel sheet internal casing cover; methacrylate diffuser screen with microprisms and transflective film.
- Versions with electronic control gear, DALI and with inverter.
- Floor versions: square section extruded aluminium support rod; steel base with no-skidrubber feet; with 2m long cable with plug; available with electronic control gear with dual start, DALI and DALI ACTILUME. (with motion and lux sensors).

Millimetric regulation of suspension cables

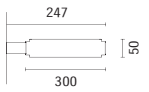
Controlled luminance UGR<19

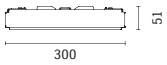
DALI protocol

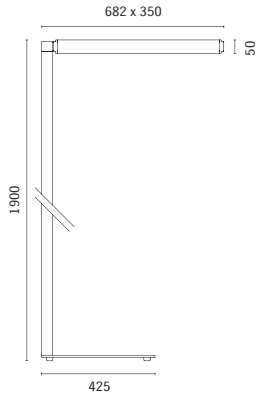
Complete pendants	Optic	Code	Lamp	Length mm	Control gear
	UGR<19	**MC79**	2x35/49W T16	1500	Electronic
		MC80	2x28/54W T16	1200	
		MC81	2x35/49W T16	1500	DALI
		MC82	2x28/54W T16	1200	
		MC83	2x35/49W T16	1500	Inverter

Complete with end cap and suspension/control gear system

Modules for continuous lines	Optic	Code	Lamp	Length mm	Control gear
	UGR<19	**MC84**	2x35/49W T16	1500	Electronic
		MC85	2x28/54W T16	1200	
		MC86	2x35/49W T16	1500	DALI
		MC87	2x28/54W T16	1200	
		MC88	2x35/49W T16	1500	Inverter

Wall mounted	Optic	Code	Lamp	Length mm	Control gear
	General lighting	**5018**	2x55W TC-L	640	Electronic
		5019			DALI
		5020			Inverter

Ceiling-mount	Optic	Code	Lamp	Length mm	Control gear
	UGR<19	**5187**	2x35/49W T16	1500	Electronic
		5188	2x28/54W T16	1200	
		5189	2x35/49W T16	1500	DALI
		5190	2x28/54W T16	1200	
		5191	2x35/49W T16	1500	Inverter

Floor lamps	Optic	Code	Lamp	Control gear
	General lighting	**4580**	4 x 28W TC-L	Electronic
		4581	4 x 55W TC-L	
	UGR<19	**4582**	28W TC-L down + 2 x 55W TC-L down	
	General lighting	**4583**	4 x 28W TC-L	DALI
		4584	4 x 55W TC-L	
	UGR<19	**4585**	28W TC-L down + 2 x 55W TC-L down	
	General lighting	**4586***	4 x 28W TC-L	DALI ACTILUME
		4587*	4 x 55W TC-L	
	UGR<19	**4588***	28W TC-L down + 2 x 55W TC-L down	

* DALI ACTILUME versions with motion and lux sensors.

Accessories	Code
Upper safety screen colour 24	**MWX2** for MC79-MC81-MC83-MC84-MC86-MC88
	MWX1 for MC80-MC82-MC85-MC87
	MWX4 for 5018 - 5019 - 5020
	MWX3 for 4580 - 4581 - 4582 - 4583 - 4584 4585 - 4586 - 4587 - 4588
Upper cover for down light emission colours 01- 15	**MWX6** for MC79-MC81-MC83-MC84-MC86-MC88
	MWX5 for MC80-MC82-MC85-MC87

Accessories	Code
Two end caps colours 01 - 15	**MWX7** for MC84-MC85-MC86-MC87-MC88
Direct coupling with suspension cable colours 01 - 15	**MWX8** for MC84-MC85-MC86-MC87-MC88
5-pole power supply base with suspension cables (for electronic versions) colours 01 - 15	**MWX9** for MC84 - MC85
8-pole power supply base with suspension cables (for dimmable and emergency versions) colours 01 - 15	**MWY0** for MC86 - MC87 - MC88
Ceiling attachment with cables colours 01 - 15	**MWY1** for MC84-MC85-MC86-MC87-MC88

iPlan LED

Design
iGuzzini

12
Alluminium

IP20

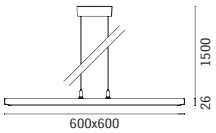
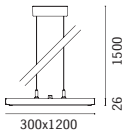
Registered Design

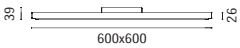
- Direct/indirect light emission fluorescent fitting (only suspended).
- Available in suspended, ceiling mounted, and recessed versions.
- Optical assembly in anodised extruded aluminium, methacrylate diffuser screen for general light emission or microprismatic for controlled luminance emission UGR<19.
- Versions with electronic control gear and DALI.
- Suspension versions ready for contemporary start of both light emissions (direct and indirect); complete with driver, support cables L=1500mm and power supply base.
- Ceiling mounted versions with installation kit to be ordered separately as an accessory. The same kit can be used to install the products on walls.

Millimetric regulation of suspension cables

Controlled luminance UGR<19

DALI protocol

Pendant	Screen	Code	Lamp	Control gear
	Opal	**ME68**	60W LED - 7200 lm - neutral	Electronic
		ME69	60W LED - 6700 lm - warm	
		ME70	60W LED - 7200 lm - neutral	DALI
		ME71	60W LED - 6700 lm - warm	
	Microprismatic	**ME72**	60W LED - 7200 lm - neutral	Electronic
		ME73	60W LED - 6700 lm - warm	
		ME74	60W LED - 7200 lm - neutral	DALI
		ME75	60W LED - 6700 lm - warm	
	Opal	**ME76**	60W LED - 7200 lm - neutral	Electronic
		ME77	60W LED - 6700 lm - warm	
		ME78	60W LED - 7200 lm - neutral	DALI
		ME79	60W LED - 6700 lm - warm	
	Microprismatic	**ME80**	60W LED - 7200 lm - neutral	Electronic
		ME81	60W LED - 6700 lm - warm	
		ME82	60W LED - 7200 lm - neutral	DALI
		ME83	60W LED - 6700 lm - warm	

Celing-mounted/recessed	Screen	Code	Lamp	Control gear
	Opal	**ME84**	50W LED - 6200 lm - neutral	Electronic
		ME85	50W LED - 5700 lm - warm	
		ME86	50W LED - 6200 lm - neutral	DALI
		ME87	50W LED - 5700 lm - warm	
	MPO	**ME88**	50W LED - 6200 lm - neutral	Electronic
		ME89	50W LED - 5700 lm - warm	
		ME90	50W LED - 6200 lm - neutral	DALI
		ME91	50W LED - 5700 lm - warm	
	Opal	**ME92**	50W LED - 6200 lm - neutral	Electronic
		ME93	50W LED - 5700 lm - warm	
		ME94	50W LED - 6200 lm - neutral	DALI
		ME95	50W LED - 5700 lm - warm	
	MPO	**ME96**	50W LED - 6200 lm - neutral	Electronic
		ME97	50W LED - 5700 lm - warm	
		ME98	50W LED - 6200 lm - neutral	DALI
		ME99	50W LED - 5700 lm - warm	

Installation systems	Code
Ceiling mounted installation kit bodies 600 x 600mm colour 00	**MX49**
Ceiling mounted installation kit bodies 1200 x 300mm colour 00	**MX50**

Installation systems	Code
Accessory for installation on plasterboard false ceiling for square versions colour 15	**9695**
Accessory for installation on plasterboard false ceiling for rectangular versions colour 15	**9689**
Adaptor for recessed installation 625x625 panel pitch colour 15	**MX76**

Lightshine

led / energy saving / visual comfort / small dimensions / functionality / simplicity / long life / modularity / offices / conference halls /

Bruno Gecchelin

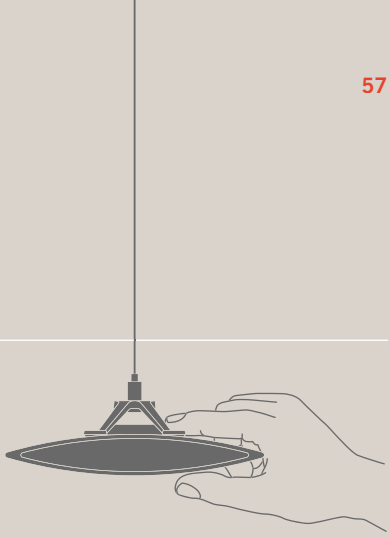
Light has no body, it is not an object. Light is not matter, it is not a “thing”. We see it in lighting, in the sky, or in fireworks invented by man. On the other hand light creates things by illuminating them; it reveals their shape, colour and defines their position in space. With fire man also invented light. And to support it and transport it, he invented torches and then lanterns, etc.One of the latest light supports, of the over one hundred that I have designed, is **Lightshine, a blade that cuts space, that stops where light is required and emits it with grace and abundance.** It is a simple aluminium profile, with two gently curved sides that join on two delicate edges. This simple but effective profile allows for rows of LEDs to be placed within, providing light with high and low contrast. If a space needs to be lit professionally, the light must become the queen of this operation: its costumes must be correct, fitted and suitable for its specific functions as queen of the space. This is even harder when the dress, as in this case, must be produced industrially. But the result is guaranteed: this is iGuzzini haute couture.

On the opposite page:
Lightshine high contrast version

Watch
the product video

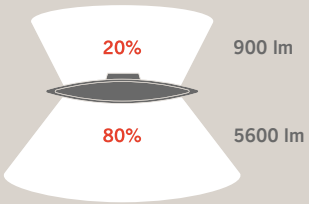
Simulation

Design
Bruno
Gecchelin



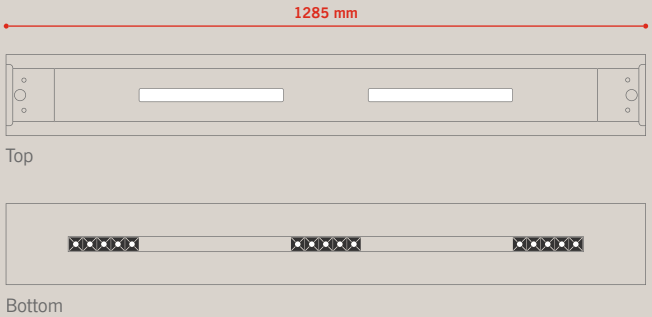
Low Contrast

Up–Down light

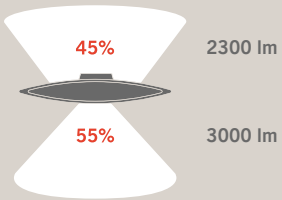


LED 53 W

High Contrast

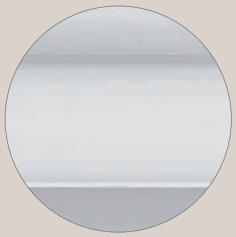


Up–Down light



LED 57 W

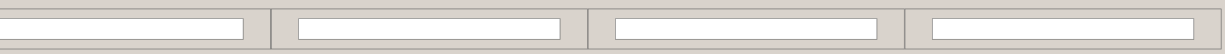
Screens

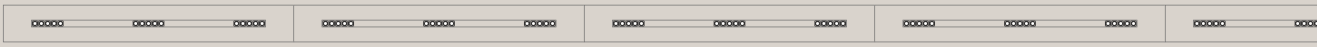


General lighting

UGR – Visual comfort

Continuous line





Lightshine

Design
Bruno Gecchelin

01 White

15 Grey

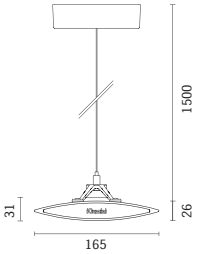
IP20

- Suspended direct/indirect light emission LED system.
- Manufactured in very thin aluminium profile; thermoplastic end caps.
- Available in two direct emission versions: low contrast for general light with opal diffuser screen; high contrast with modules for controlled luminance direct light UGR<19; diffused indirect emission for all versions.

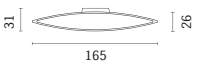
Millimetric regulation of suspension cables

Controlled luminance UGR<19

DALI protocol

Pendants	Optic	Code	Lamp	Length mm	Control gear
	General light Low contrast	**MJ29**	60W LED - 7200 lm - neutral	1387	Electronic
		MJ30	60W LED - 6600 lm - warm		
		MJ31	60W LED - 7200 lm - neutral	1387	DALI
		MJ32	60W LED - 6600 lm - warm		

* Complete with end cap and suspension/control gear system

Modules for continuous lines	Optic	Code	Lamp	Length mm	Control gear
	General light Low contrast	**MJ33**	60W LED - 7200 lm - neutral	1381	Electronic
		MJ34	60W LED - 6600 lm - warm		
		MJ35	60W LED - 7200 lm - neutral	1381	DALI
		MJ36	60W LED - 6600 lm - warm		

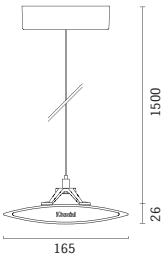
Lightshine

Design
Bruno Gecchelin

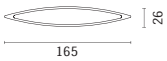
01 White

15 Grey

IP20

Pendants	Optic	Code	Lamp	Length mm	Control gear
	UGR<19 High contrast	**MJ21**	54W LED - 5300 lm - neutral	1284	Electronic
		MJ22	54W LED - 4900 lm - warm		
		MJ23	54W LED - 5300 lm - neutral	1284	DALI
		MJ24	54W LED - 4900 lm - warm		

* Complete with end cap and suspension/control gear system

Modules for continuous lines	Optic	Code	Lamp	Length mm	Control gear
	UGR<19 High contrast	**MJ25**	54W LED - 5300 lm - neutral	1278	Electronic
		MJ26	54W LED - 4900 lm - warm		
		MJ27	54W LED - 5300 lm - neutral	1278	DALI
		MJ28	54W LED - 4900 lm - warm		

Accessories	Code
Two end caps colours 01 - 15	**MX70** for continuous line modules
Linear coupling colours 01 - 15	**MX71** for continuous line modules

Accessories	Code
Power supply unit with suspension cable colour 01	**MX72** for continuous line modules
Base with suspension cable colour 01	**MX73** for continuous line modules

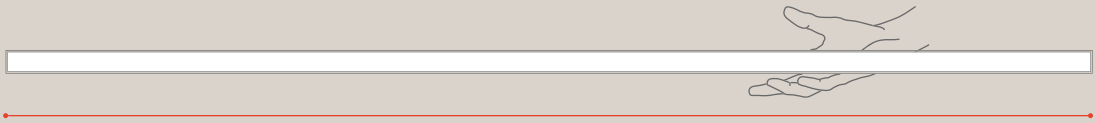
iN30 LED

led / energy efficiency / visual comfort / modularity / small dimensions / simplicity / general lighting / offices / retail /

The evolution of lighting systems is being guided by the rapid introduction of LEDs, which quickly increased their performance, both in terms of energy efficiency and the quantity of luminous flux emitted. The iN30 system has extended its range of solutions by introducing new LED versions, which allow setups of lighting solutions that adorn the space with continuous fine lines, but at the same time are proper general lighting solutions. Careful study of the optics allows realization of general lighting levels, normally required indoors, while simultaneously eliminating glare, especially in working areas that incorporate video monitors. **Reduced dimensions, careful control of light distribution, easy installation in continuous lines, and high energy efficiency are the basic features of the new iN30 LED versions.**

iN30 LED general light
and High contrast

General lighting
23 W / 46 W



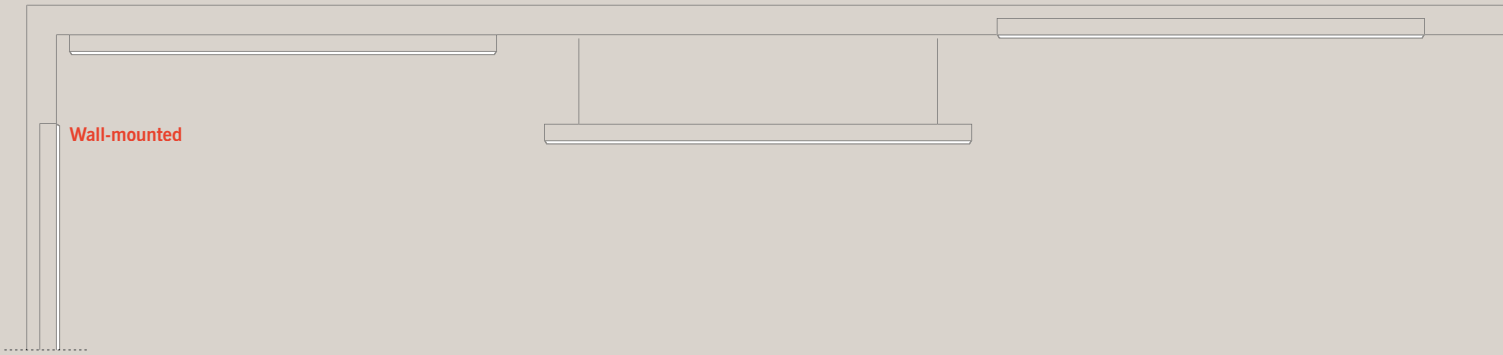
High contrast
21 W / 42 W

Ceiling-mounted

Pendant

Recessed
(General lighting)

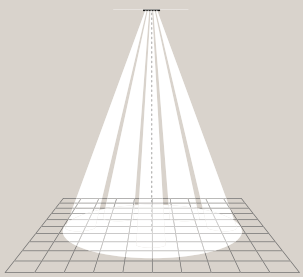
Wall-mounted



Continuous line

Light cones

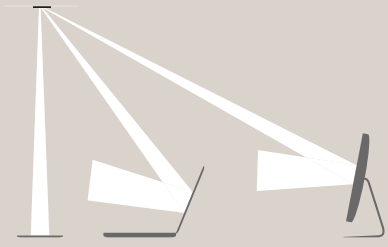
High Contrast



flood

Visual comfort

(UGR<19 e L<1500 cd/m² α>65°)



0°–10°
Tablet

40°–90°
Laptop

55°–90°
LCD screen

Control the visual glare according to legal requirements

iN30 LED

Design
iGuzzini

12
Auminum

IP20

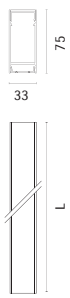
- Manufactured in extruded aluminium profile in minimal version (frameless).
- Available in two direct emission versions: low contrast for general light with opal diffuser screen; high contrast with modules for controlled luminance direct light UGR<19.
- Low contrast: ceiling, suspension and recessed installation; modules with two lengths available in initial or intermediate version for continuous line compositions; the initial modules can be completed with the accessory caps and used singularly but they are always necessary to open or close a continuous line.
- High contrast: ceiling and suspension installation; modules with two lengths; possibility of single or combined installation in continuous line, completing the modules with accessories supplied.

Millimetric regulation of suspension cables

Controlled luminance UGR<19

DALI protocol

Initial module	Optic	Code	Lamp	Control gear	Length mm
	General light Low contrast	**ME36**	23W LED - 2600 lm - neutral	Electronic	1200
		ME37	46W LED - 5200 lm - neutral		2400
		ME38	23W LED - 2400 lm - warm		1200
		ME39	46W LED - 4800 lm - warm		2400
		MJ48	23W LED - 2600 lm - neutral	DALI	1200
		MJ49	46W LED - 5200 lm - neutral		2400
		MJ50	23W LED - 2400 lm - warm		1200
		MJ51	46W LED - 4800 lm - warm		2400

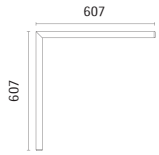
Continuous lines module	Optic	Code	Lamp	Control gear	Length mm
	General light Low contrast	**ME40**	23W LED - 2600 lm - neutral	Electronic	1200
		ME41	46W LED - 5200 lm - neutral		2400
		ME42	23W LED - 2400 lm - warm		1200
		ME43	46W LED - 4800 lm - warm		2400
		MJ52	23W LED - 2600 lm - neutral	DALI	1200
		MJ53	46W LED - 5200 lm - neutral		2400
		MJ54	23W LED - 2400 lm - warm		1200
		MJ55	46W LED - 4800 lm - warm		2400

iN30 LED

Design
iGuzzini

12
Aluminum

IP20

Angular module	Optic	Code	Lamp	Control gear	Length mm
	General light Low contrast	**ME44**	23W LED - 2600 lm - neutral	Electronic	607 x 607
		ME45	23W LED - 2400 lm - warm		
		MJ56	23W LED - 2600 lm - neutral	DALI	607 x 607
		MJ57	23W LED - 2400 lm - warm		

High contrast module	Optic	Code	Lamp	Control gear	Length mm
	General light High contrast	**MJ58**	20W LED - 2000lm - neutral	Electronic	1245
		MJ59	20W LED - 1800lm - warm		
		MJ60	20W LED - 2000lm - neutral	DALI	
		MJ61	20W LED - 1800lm - warm		
		MJ62	40W LED - 4000lm - neutral	Electronic	1510
		MJ63	40W LED - 3600lm - warm		
		MJ64	40W LED - 4000lm - neutral	DALI	
		MJ65	40W LED - 3600lm - warm		

Installation systems	Code
Set of two end caps to complete modules for single and continuous line installation colour 12	**MX80**
Connection elements and covers for continuous line installation colour 00	**MX81** per continuous lines High contrast versions
Suspension kit complete with base and clear power cord colour 01	**MWG5**

Installation systems	Code
Suspension kit without power supply colour 00	**MWG6**
Attachment for ceiling-mounted installation colour 00	**MWG7**
Kit for recessed installation without rim colour 00	**MWG8**

For information on system composition please refer to the instructions sheet: catalog.iguzzini.com

Deep Laser Multiple

Design
iGuzzini

01 White

15 Grey

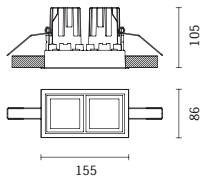
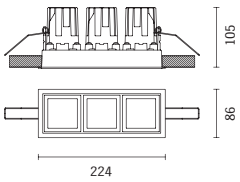
IP20

Note: The photo was made with the accessory reflectors

- Recessed installation on false ceilings with thicknesses from 1 to 25 mm; steel springs fastening system..
- Manufactured in die-cast aluminium with radiant upper area that facilitates the dissipation of heat produced by the lamp.
- LED optics in thermoplastic material for spot and medium openings.
- All fittings feature an electronic control gear.

Installation without tools

Visual comfort

Luminaire	Optic	Code	Lamp	Control gear
	Medium	**ML54**	18W LED - 1200 lm - neutral	Electronic multiwatt
	Spot	**ML55**	18W LED - 1200 lm - warm	
	Medium	**ML56**		
	Medium	**ML57**	27W LED - 1800 lm - neutral	
	Spot	**ML58**	27W LED - 1800 lm - warm	
	Medium	**ML59**		

Accessories	Code
Reflector colours 01 - 04	**MWM1**
Reflector with soft lens filter colours 01 - 04 The use of the glass garantees IP44 degree of protection.	**MWL5**

Each accessory code applies to a single optical compartment.
Consult the “Internal lighting systems” for the complete Deep Laser range.

The product will be available from January 2013

Reflex Professional

Design
iGuzzini

12
Aluminum

39
White / alluminium

IP23

Patent Pending

Adjustable LED

- Installation on false ceilings; Minimal application version thickness 12.5 mm, Frame application thicknesses from 1 to 30 mm.
- Body in die-cast aluminium, reflector in 99.9 % superpure aluminium.
- Adjustable LED optics spot (18°) and medium (26°) available in neutral and warm.
- Fitting complete with electronic control gear or DALI.

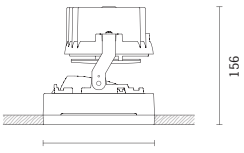
Installation without tools

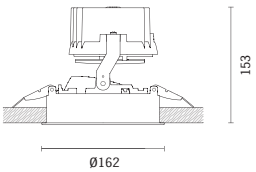
30° rotation of optic around horizontal axis

Rotation around the vertical axis: 355°

Visual comfort

DALI protocol

Minimal installation	Optic	Code	Lamp	Control gear
	Spot	**MD57**	30W LED - 2800 lm - neutral	Electronic
	Medium	**MD58**		
	Spot	**MD59**	30W LED - 2800 lm - warm	
	Medium	**MD60**		
	Spot	**MD65**	30W LED - 2800 lm - neutral	DALI
	Medium	**MD66**		
	Spot	**MD67**	30W LED - 2800 lm - warm	
	Medium	**MD68**		

Frame installation	Optic	Code	Lamp	Control gear
	Spot	**MD61**	30W LED - 2800 lm - neutral	Electronic
	Medium	**MD62**		
	Spot	**MD63**	30W LED - 2800 lm - warm	
	Medium	**MD64**		
	Spot	**MD69**	30W LED - 2800 lm - neutral	DALI
	Medium	**MD70**		
	Spot	**MD71**	30W LED - 2800 lm - warm	
	Medium	**MD72**		

Consult the "Internal lighting systems" catalogue for the complete Reflex Professional range

Front Light

Design
iGuzzini

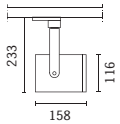
01 White

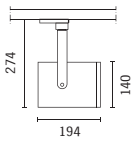
04 Black

74 Grey / black

IP20

- Installation on mains voltage track.
- Available in two sizes.
- Manufactured in die-cast aluminium and thermoplastic material.
- Reflectors in superpure mirrored aluminium with special faceting that improves the distribution of the light beam (OPTIBEAM).
- Mechanical locking mechanisms for rotation around the vertical axis and in relation to the horizontal plane.
- High performing LED circuit with warm and neutral monochromatic emission.
- Complete with electronic control gear.

Small body spotlight	Optic	Code	Lamp
	Spot	**MK95**	38W LED - 3000 lm - neutral
		MK98	38W LED - 3000 lm - warm
	Flood	**MK97**	38W LED - 3000 lm - neutral
		ML00	38W LED - 3000 lm - warm

Large body spotlight	Optic	Code	Lamp
	Spot	**MK82**	56W LED - 5000 lm - neutral
		MK85	56W LED - 5000 lm - warm
	Flood	**MK84**	56W LED - 5000 lm - neutral
		MK87	56W LED - 5000 lm - warm

3000 lm versions available on request for large body

Consult the "Internal lighting systems" catalogue for the complete Front Light range

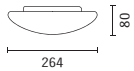
Bos LED

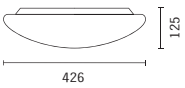
Design
iGuzzini

01
White

IP40

- Indoor surface fitting with LED lamps.
- Consisting of a drawn and painted steel sheet plate that includes the LED circuit installed on dissipating plate.
- Diffuser screen in opal PMMA.
- High performance white LEDs in neutral and warm with integrated electronic control gear.

Small body spotlight	Code	Lamp	Control gear
	**5014**	10W LED - 1000 lm - neutral	Electronic
	5015	10W LED - 1000 lm - warm	

Large body spotlight	Code	Lamp	Control gear
	**5030**	21W LED - 2000 lm - neutral	Electronic
	5031	21W LED - 2000 lm - warm	

Consult the "Internal lighting systems" catalogue for the complete Bos range

CULTURAL CENTRE NIEMEYER - Avilés, Spain
Architectural project: Oscar Niemeyer,
Roberto Alonso Martínez, Javier Blanco García Castañón,
Jair Rojas Valera, Almudena Fernández Menéndez
Photography: 274 Km

External

Wow / U.F.O /
iRoll 65 System /
iPro / Lun-Up /
Led Tube / Linealuce /

IGIS – Switzerland
Lighting project: Leo Vetsch
of Leo Solutions AG
Photography: Gunther Laznia

LED Street Lighting

Wow

U.F.O.

The underlying theme and credo of iGuzzini's street lighting solutions is environmental sustainability. **LED's, with their extremely high performance, represent the future in terms of efficiency, low consumption, reduction of CO^2 emissions and increased performance, even in critical conditions.** As the temperature rises, in fact, the light flow decreases, whilst with LEDs and their electronic components, the ratio between watts and lumens can be optimised by automatically controlling the current required based on the external temperatures, thus avoiding overheating the lamps and extending their life. **LEDs significantly improve the colour rendering index** (IRC, that is the ability of a source to maintain the colour of an object it illuminates unaltered), and it has been proven that a light with constant IRC provides better lighting of a road surface and any dangers (holes, animals and obstacles in general), thus improving safety. **iGuzzini refers to this innovation not as an "intelligent system", but a system of single "intelligent fittings" that, thanks to the on board electronics, work without wasting energy.** Each fitting can be dimmed, to allow punctual control operations in specific situations, such as, for example, uniform lighting on roads and greater luminescence on roundabouts. Moreover, the body of the lamp is constructed using various independent modules which makes the replacement of LEDs an easy task. They can be removed without complex maintenance operations and without the need to replace the entire pole (providing consequent savings on site costs and convenience). The increased performance allows for new systems, to reduce the number of poles required for adequate lighting.

Wow

led / eco-sustainability / performance / lighting efficiency / low consumption / long life / colour rendering / light pollution / road safety / modularity / reliability / easy maintenance / solidity / Timeless Led technology /

Wow is the most innovative solution for street lighting, which achieves maximum light quality, whilst at the same time reducing energy consumption and therefore management costs of the systems. **The innovative Timeless Technology ensures that the fitting can be kept up to date by following the fast evolution of LEDs. In fact the single optical module with LEDs, and the relative driver, can be replaced with a new module that uses the latest generation of LEDs, without having to replace the entire fitting.** A solution that allows the single modules, and not the whole fitting, to be replaced quickly if there are any damaged LEDs.

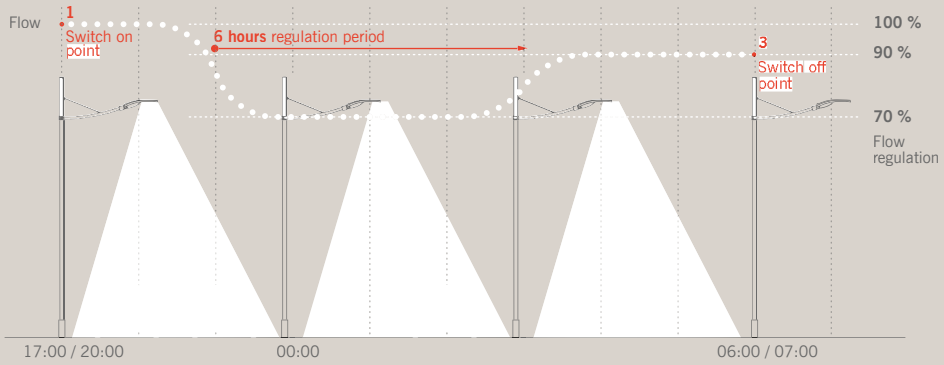
Wow features a street optic for streets with mainly vehicular traffic and an optic for streets with a greater number of pedestrians for increased visual comfort. The research of the shape was based on optimising the technical performance and on achieving a piece of urban furniture with streamlined lines.

On the opposite page:
Wow street optic

Watch
the product video

Wow

Midnight recognition



example of customised light emission

The light flow of the fitting can be totally programmed directly on the product driver.

The led power current is supplied at 450mA. A current of 525 mA, which increases the flow by about 15%, can be selected.

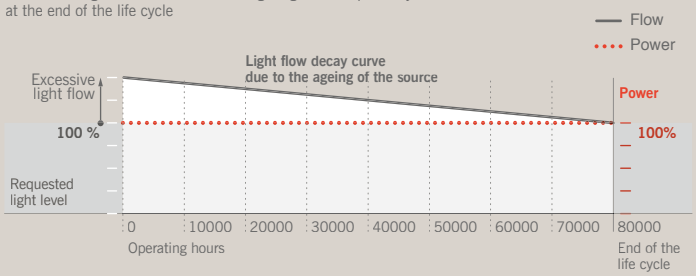
The midnight recognition function allows for a reduction of the light flow by 30% for 6 hours from 22 to 4.

The fitting also features a variable power function.

The fitting can be customised further with software which can be downloaded from the www.iguzzini.com website.

Fitting at constant power

Fitting operating with constant power and recommended maintenance factor 0.8 to guarantee the minimum lighting value required by the standard at the end of the life cycle

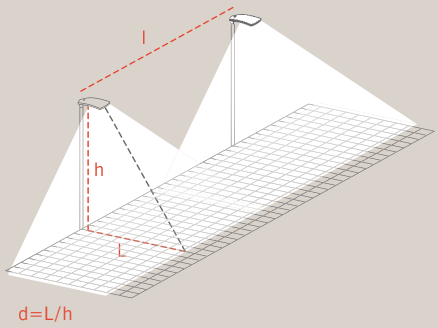


Fitting at variable power

Fitting operating with variable power to maintain the flow constant within the minimum lighting value required by the standard

Maintenance factor	LED power	Lifetime	Efficiency lm/watt	Emitted flux variation compared to 350mA
0,9	350 mA	92000 h ≃ 20 y	108	
	450 mA	66000 h ≃ 20 y	100	+22%
	525 mA	57000 h ≃ 20 y	94	+38%

Optics



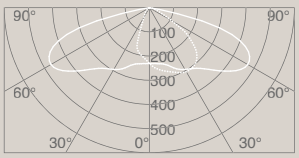
C0 / C180
C90 / C270
cd / 1000 lm

Vehicular traffic for urban and interurban areas

ST1

l = 4h
d = 1

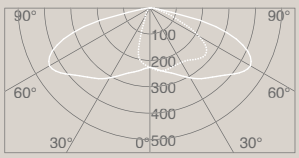
Glare Index: G4



ST2

l = 4h
d = 1,2

Glare Index: G4

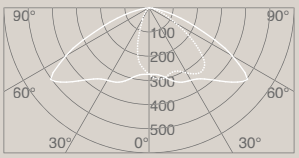


Optic for urban and pedestrian areas

ST1C

l = 3,7h
d = 1

Glare Index: G6

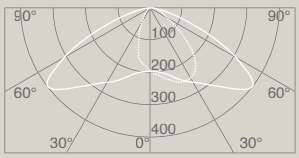


Bicycle lane optic

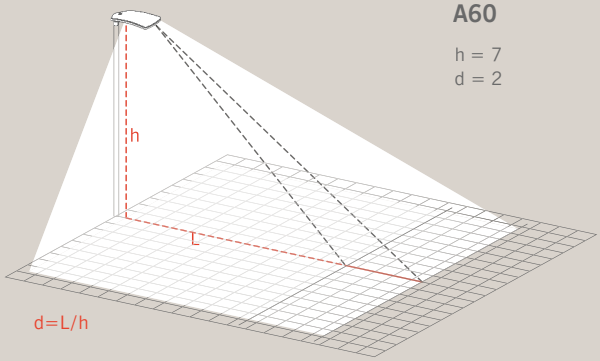
ST0.8C

l = 5h
d = 0,5 / 0,8

Glare Index: G6

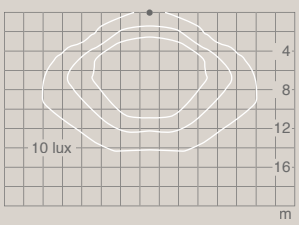


Asymmetrical / Asymmetrical Comfort



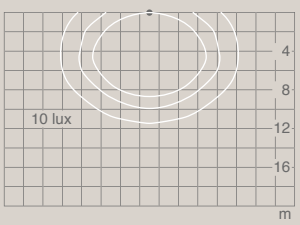
A60

h = 7
d = 2

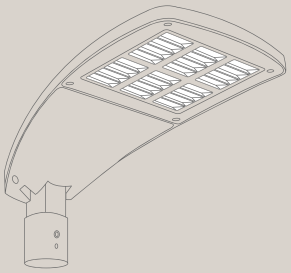


A45C

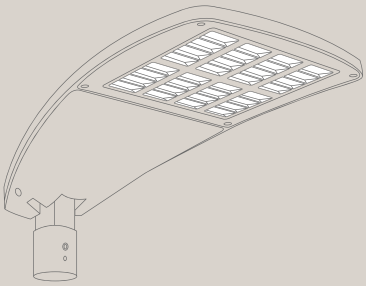
h = 7
d = 1,6

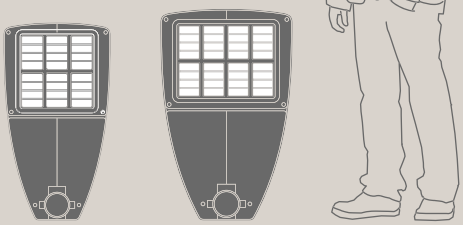


Small body
412x758 mm

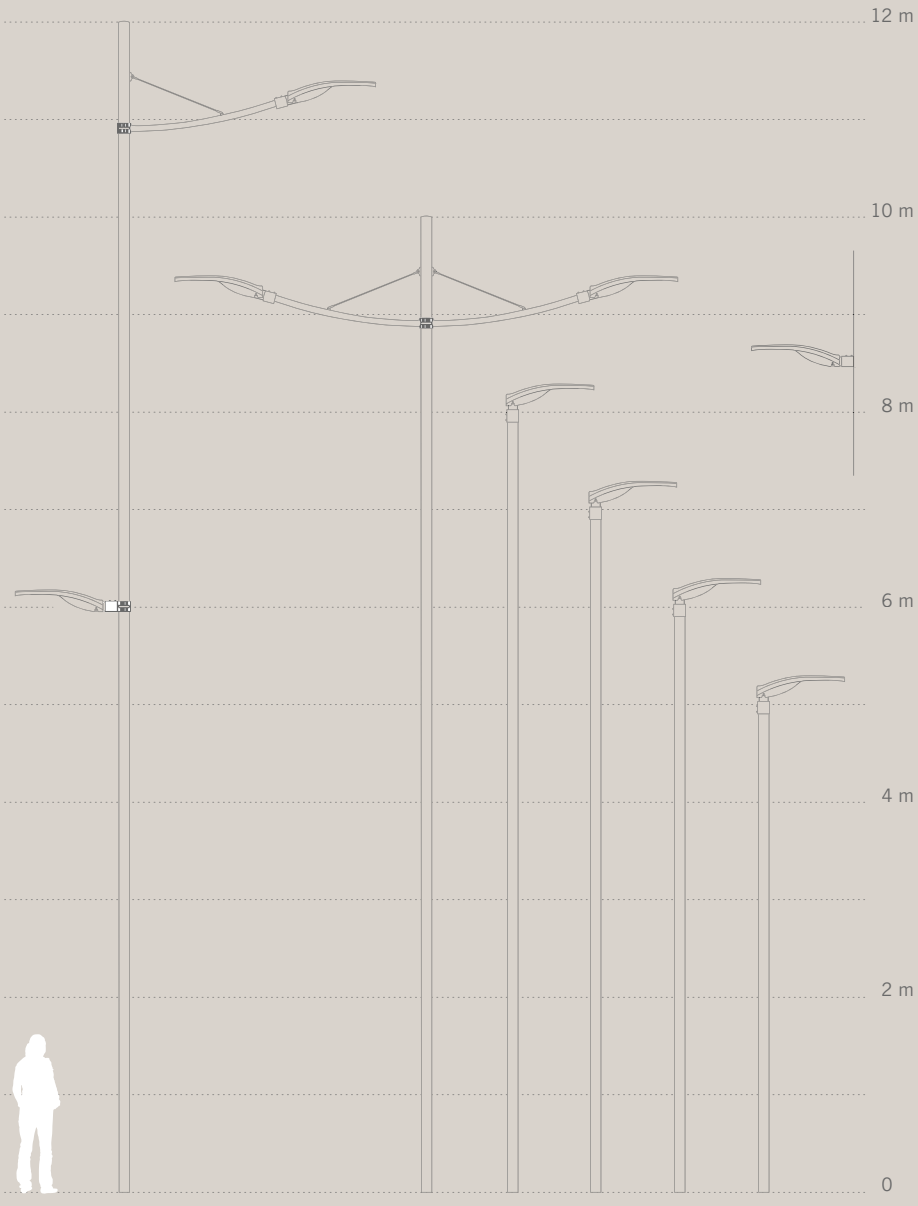


Medium body
505x811 mm





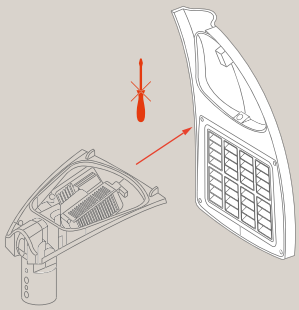
System



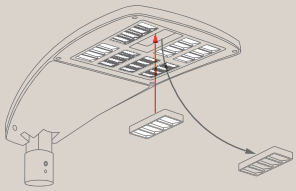
Pole height

Timeless Led technology

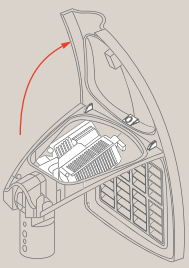
LED optical assembly can be replaced to accommodate more advanced versions (Future Proof)



Replaceable optic



Tool-free replacement of optic assembly and power supply



Wow

Design
Piano design

15
Grey

IP66

Registered Design
Patent Pending

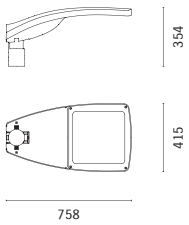
- Direct pole lighting system for LED power light sources.
- Installation on pole-tops, with lateral arms or on tapered poles with attachment diameter ø 46/60/76mm.
- Die-cast aluminium optical assembly; hot dip galvanized steel tubular arms: sodium-calcium sealing glass, 5 mm thick, siliconed to frame that closes the LED compartment with a hinge and 2 screws.
- Reflectors in silver aluminium available with 6 different light distributions.
- All external screws are in stainless steel.
- DALI and 0-10V version on request.
- Twilight photocell on request.

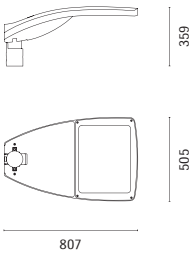
Visual comfort

Extreme environmental conditions -40° C

Upward light flux = 0

Resistance against spikes up to 10Kv

Small body	Optic	Code	Lamp	Control gear
	ST1	**BH33**	36W LED - 3600 lm - neutral	Electronic
		BH36	64W LED - 6500 lm - neutral	
		BH38	83W LED - 8300 lm - neutral	
		BH40	99W LED - 10000 lm - neutral	
	ST2	**BH34**	45W LED - 4600 lm - neutral	
		BH37	73W LED - 7300 lm - neutral	
		BH41	98W LED - 10000 lm - neutral	
	ST0.8C	**BH61**	36W LED - 3300 lm - neutral	
	ST1C	**BH62**	45W LED - 4200 lm - neutral	
		BH63	73W LED - 6700 lm - neutral	
		BH64	98W LED - 9200 lm - neutral	
	A60	**BH35**	72W LED - 7200 lm - neutral	
		BH39	108W LED - 10800 lm - neutral	
	A45C	**BI41**	72W LED - 5300 lm - neutral	
		BI42	108W LED - 7800 lm - neutral	

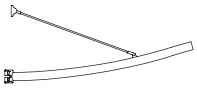
Large body	Optic	Code	Lamp	Control gear
	ST1	**BH42**	120W LED - 12000 lm - neutral	Electronic
		BH59	144W LED - 14800 lm - neutral	
	ST2	**BH43**	117W LED - 11800 lm - neutral	
		BH60	144W LED - 14600 lm - neutral	
	ST1C	**BH65**	117W LED - 10800 lm - neutral	
	A60	**BH58**	126W LED - 12500 lm - neutral	
	A45C	**BK35**	126W LED - 9300 lm - neutral	

The values of emitted lumens and system powers refer to 450mA power supply

Wow

Design
Piano design

15
Grey

Accessories		Code
	Arm with flange ø102mm L 900mm	**6154**
	Arm with flange ø120mm L 900mm	**6157**
	Arm with flange ø102mm L 1500mm	**6155**
	Arm with flange ø120mm L 1500mm	**6158**
	Counter flange ø102mm for single arm fixing	**6161**
	Counter flange ø120mm for single arm fixing	**6162**
	Adapter ø89mm for flange ø102mm	**6163***
	Adapter ø114mm for flange ø120mm	**6164***

* Only for cylindrical poles

Accessories		Code
	Intermediate arm for poles ø102mm L 300mm	**6156**
	Intermediate arm for polesø120mm L 300mm	**6159**
	Adapter for poles ø102mm (102/76mm)	**6134**
	Double pole-top (2x) for poles ø102mm	**6165**
	Triple pole-top (3x) for poles ø102mm	**6166**
	Arm wall luminaire	**6160**

Poles for pole-top 1x / 2x		Code	ø	Height
	CYLINDRICAL	1344	102	5000
	CYLINDRICAL WITH SHANK	1521	120/102	6000
		1522		7000
		1523		8000
	CONICAL	1278	100/60	4000
		1283	130/60	7000
		1284	150/60	9000
	CYLINDRICAL	1205	102	5600
	CYLINDRICAL WITH SHANK	1518	102/76	6800
		1524	120/102	6800
		1519		8000
		1528		8000
		1520		9000
		1555		9000
	CYLINDRICAL STEPPED WITH SHANK	1556	159/102/76	7000
		1558		8000
		1559		9000
	CONICAL	1275	106/60	4600
		1281	138/60	7800
		1282	158/60	9800

Accessories for poles	Code
Decorative point 1W LED Blue colour 15	**BZC5** for poles 1506-1507-1508-1509
Decorative point 1W LED Neutral colour 15	**BZC6** for poles 1506-1507-1508-1509

Poles for pole-top 3x and arms		Code	ø	Height
	CYLINDRICAL STEPPED	1597	159/102	6000
		1598		7000
		1599		8000
		1547	194/120	9000
		1548		10000
		1554		12000
	CYLINDRICAL	1542	102	6800
		1543		8000
		1544		9000
	CYLINDRICAL STEPPED	1561	159/102	7000
		1562		8000
		1565		9000
		1545	194/120	10000
		1546		11000
		1552		12800

Design poles		Code	ø	Height
	CONICAL CURVED POLE	1506	147/60	6000
	CONICAL CURVED POLE	1508*		
	CONICAL CURVED POLE	1507	172/60	8000
	CONICAL CURVED POLE	1509*		
	CYLINDRICAL POLES WITH ARM	1566	160/76	6700
	CYLINDRICAL POLES WITH DOUBLE ARM	1909		
	CYLINDRICAL POLES WITH ARM	1570		8700
	CYLINDRICAL POLES WITH DOUBLE ARM	1910		
	CYLINDRICAL POLES WITH ARM	1511	160/76	7500
	CYLINDRICAL POLES WITH DOUBLE ARM	1585		
	CYLINDRICAL POLES WITH ARM	1515		9700
	CYLINDRICAL POLES WITH DOUBLE ARM	1588		

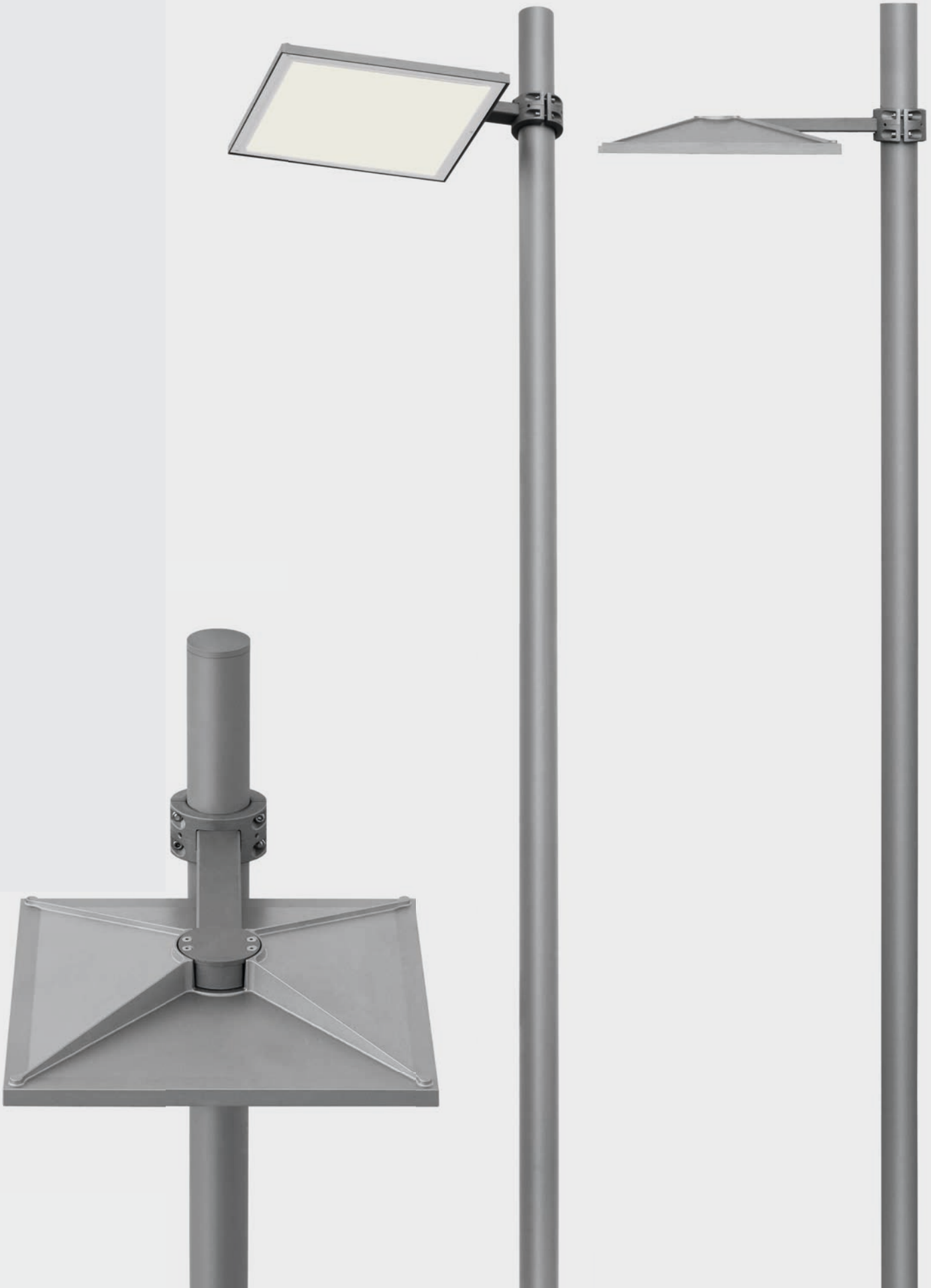
* Pole with intermediate attachment
For all the poles refer to the general external lighting systems catalogue

U.F.O.

led / energy efficiency / light pollution / diffused lighting / visual comfort / easy maintenance / flexible composition / modularity / safety / long life / urban lighting

A comforting light for a living room, an urban living room in order to soften its shadows. This is the primary characteristic of U.F.O., designed by Renzo Piano, which looks almost like a luminous leaf with a homogenous distribution of glare-free light. At the heart of the project is once again the focus on light pollution, resulting in a flow that does not spill over the screen, but is aimed downwards. The efficient, modular luminous panels, which can also be aggregated, increase comfort compared to traditional solutions and can be used in different public areas, creating warm and welcoming atmospheres for town centres, pedestrian and residential areas, and more neutral effects for car parks and rest areas. The flexibility of the solutions starts from the square geometry of the basic panel, which can be combined with different arms for applications on poles. U.F.O. applies the technology used in the iPlan system, with LEDs positioned along the profile. Cities are increasingly a space in which functions interweave and overlap. Streets bring together both vehicular and pedestrian traffic, each one with its own requirements in terms of light quality. The U.F.O. system was designed with the aim of providing a street lighting system coordinated in terms of form but articulated in terms of lighting. U.F.O. features a high performance street optic for streets with mainly vehicular traffic and an optic for streets with a greater number of pedestrians for increased visual comfort. A diffused light optic, achieved with the innovative use of LEDs, has been designed for pedestrian areas, which contributes to creating a comfortable environment free of glare, with softened lights, very similar to the effect achieved with indirect lighting. The possibility of fitting various optics on the pole ensures that various requirements can be fulfilled at the same time, such as lighting the street and the adjacent pedestrian way. The design of the system has created an urban furniture system with contemporary lines, that can easily be inserted in any urban context, both historical and contemporary.

Watch
the product video



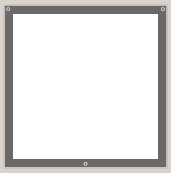
U.F.O.

Diffusing optic

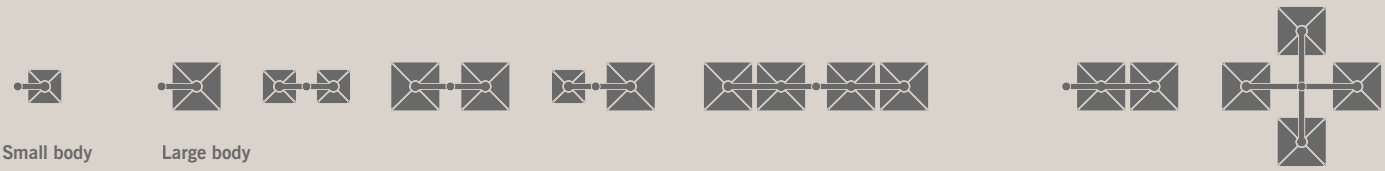
Street optic

Small body
423x423x95 mm

Large body
628x628x98 mm



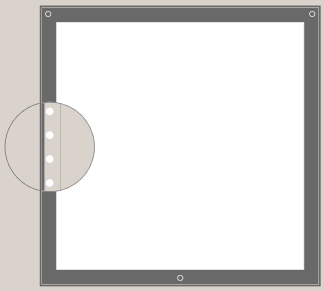
System

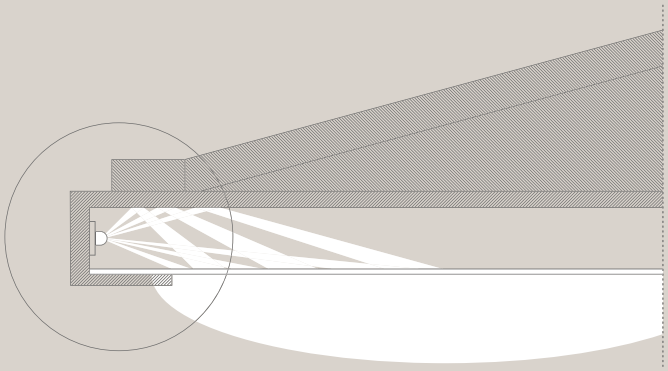


Small body **Large body**

Diffusing optic

Optical system





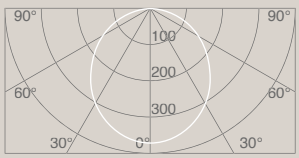
The ultra-thin design was achieved with the LED layout along the perimeter of the panel

SC

I = 3,7h
d = 1

Glare Index: G6

C0 / C180
C90 / C270
cd / 1000 lm

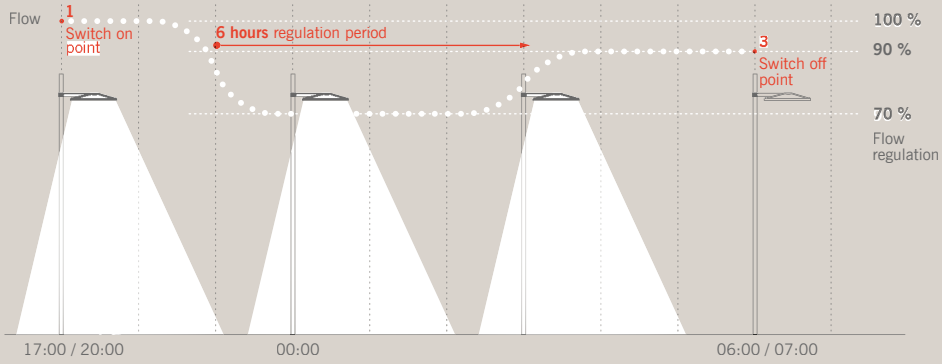


The light flow of the fitting can be wholly programmed directly on the product driver.

As well as the 100% light emission, the midnight recognition function allows for a reduction of the light flow by 30% for 6/8 hours from 22 to 4/6.

The fitting also features a variable power function.

Midnight recognition



example of customised light emission

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The fitting can be customised further with software which can be downloaded from the www.iguzzini.com website.

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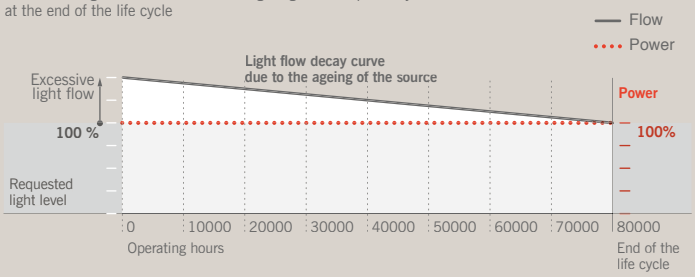
Fitting operating with constant power and recommended maintenance factor 0.8 to guarantee the minimum lighting value required by the standard at the end of the life cycle



Fitting at variable power

Fitting operating with variable power to maintain the flow constant within the minimum lighting value required by the standard

Maintenance factor	LED power	Lifetime	Efficiency lm/watt	Emitted flux variation compared to 350mA
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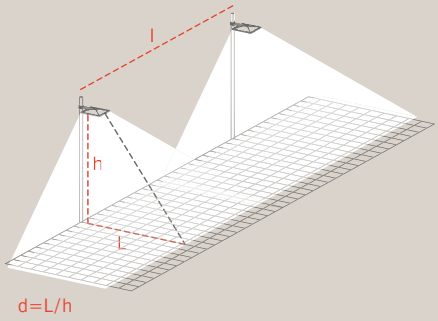
Optics



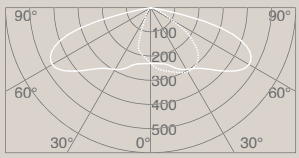
C0 / C180
C90 / C270
cd / 1000 lm

Vehicular traffic for urban and interurban areas

ST1

l = 4h
d = 1

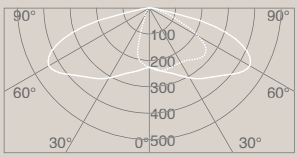
Glare Index: G4



ST2

l = 4h
d = 1,2

Glare Index: G4

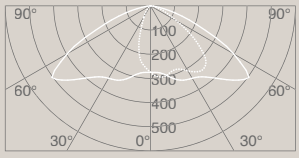


Optic for urban and pedestrian areas

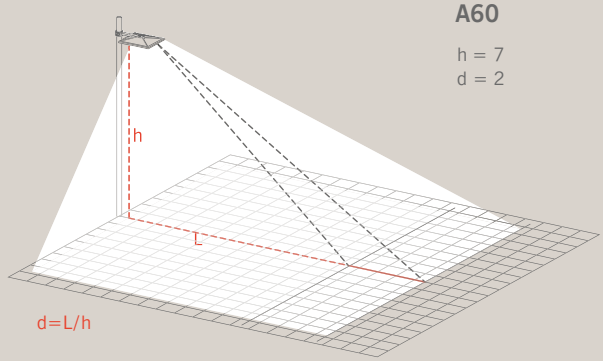
ST1C

l = 3,7h
d = 1

Glare Index: G6

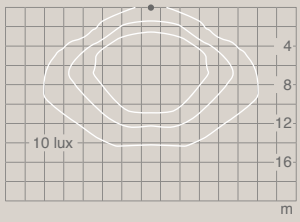


Asymmetrical / Asymmetrical Comfort



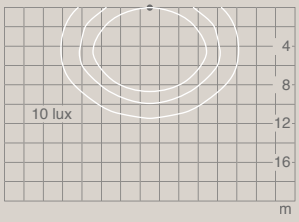
A60

h = 7
d = 2



A45C

h = 7
d = 1,6



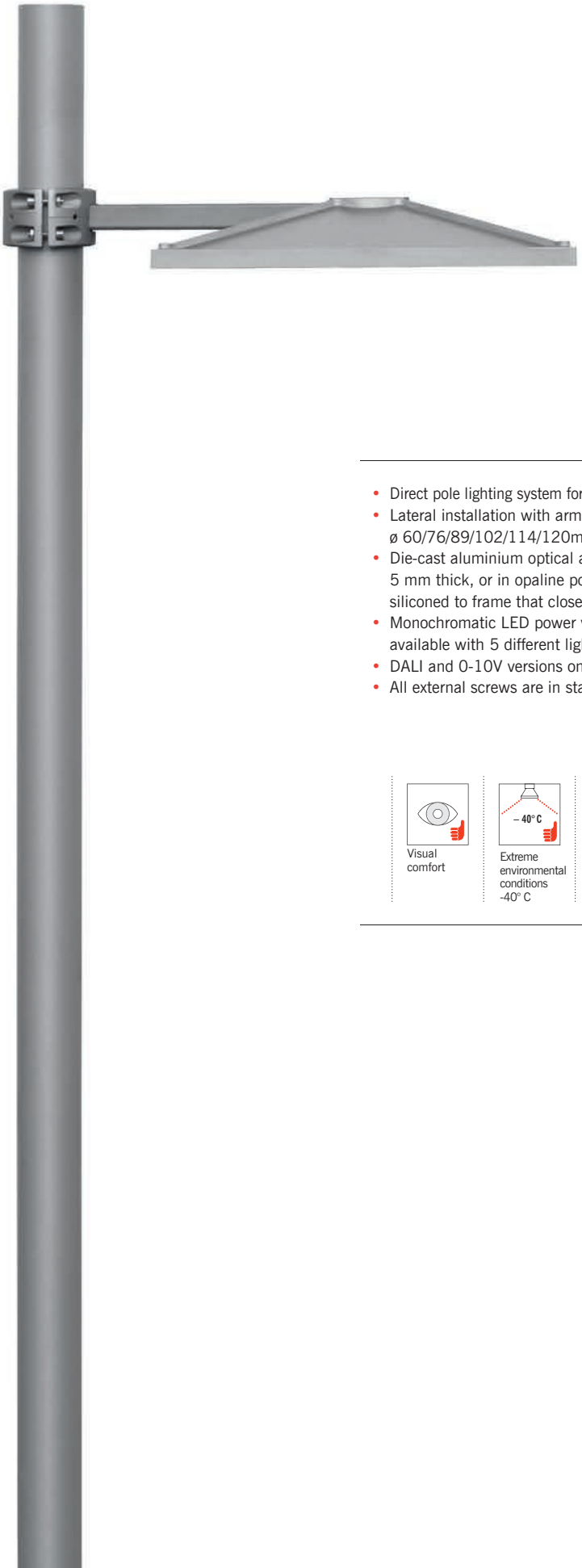
U.F.O.

Design
Piano design

B5
Grey / white

IP66

Registered Design
Patent Pending



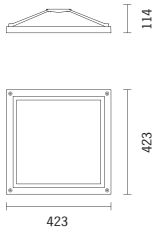
- Direct pole lighting system for LED light sources.
- Lateral installation with arms for ending parts with diameters ø 60/76/89/102/114/120mm.
- Die-cast aluminium optical assembly; sodium-calcium sealing glass, 5 mm thick, or in opaline polycarbonate for versions with SC optic, siliconed to frame that closes the LED compartment with screws.
- Monochromatic LED power versions with reflectors in silver aluminium available with 5 different light distributions
- DALI and 0-10V versions on request.
- All external screws are in stainless steel.

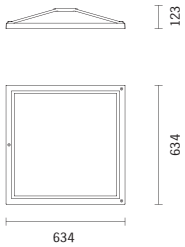
Visual comfort

Extreme environmental conditions -40° C

Extreme environmental conditions -40° C

Resistance against spikes up to 10Kv

Luminaire	Optic	Code	Lamp	Control gear
	SC	**BL02**	37W LED - 2000 lm - warm	Electronic
		BL03	37W LED - 2100 lm - neutral	
	ST1	**BL04**	36W LED - 2700 lm - warm	
		BL05	36W LED - 3600 lm - neutral	
		BL06	44W LED - 3400 lm - warm	
		BL07	44W LED - 4500 lm - neutral	
	ST2	**BL08**	45W LED - 3500 lm - warm	
		BL09	45W LED - 4600 lm - neutral	
	ST1C	**BL12**	36W LED - 2400 lm - warm	
		BL13	36W LED - 3200 lm - neutral	
		BL14	54W LED - 3500 lm - warm	
		BL15	54W LED - 4200 lm - neutral	
	A60	**BL10**	54W LED - 4100 lm - warm	
		BL11	54W LED - 5400 lm - neutral	
	A45C	**BL16**	54W LED - 5000 lm - warm	
		BL17	54W LED - 5000 lm - neutral	

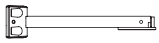
Luminaire	Optic	Code	Lamp	Control gear
	SC	**BL18**	60W LED - 4300 lm - warm	Electronic
		BL19	60W LED - 4600 lm - neutral	

The values of emitted lumens and system powers refer to 450mA power supply (except for versions with SC optic)

U.F.O.

Design
Piano design

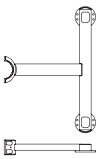
15
Grey

Accessories for small body		Code
	Single horizontal arm ø76mm L=398mm	**BZP3**
	Single horizontal arm ø102mm L=410mm	**BZP5**
	Counter flange ø76mm	**BZQ2** for BZP3
	Counter flange ø102mm	**6161** for BZP5
	Adapter ø60mm for flange ø76mm	**BZQ3***
	Adapter ø89mm for flange ø102mm	**6163***

Accessories for large body		Code
	Single horizontal arm ø102mm L=552mm	**BZP6**
	Single horizontal arm ø120mm L=562mm	**BZP7**
	Counter flange ø120mm	**6162**
	Adapter ø114mm for flange ø120mm	**6164***
	End cap for cylindrical poles ø102mm with shank ø76mm	**BZM6**
	End cap for cylindrical poles ø120mm with shank ø102mm	**BZM7**

* Only for cylindrical poles

Accessories for double configuration		Code
	Single horizontal arm for 2 panels w/flange ø 102mm L=1191mm	**BZP8**
	Single horizontal arm for 2 panels w/flange ø 120mm L=1201mm	**BZP9**

Accessories for 4-assembly composition		Code
	Transversal arm for 2 panels w/flange ø 102mm L=552mm	**BZQ0**
	Transversal arm for 2 panels w/flange ø 120mm L=562mm	**BZQ1**

Poles for small body		Code	ø	Height
⊥	CYLINDRICAL	**1272**	76	4000
⊥		**1271**		4500

Poles for small and large body		Code	ø	Height
⊥	CYLINDRICAL	**1344**	102	5000
⊥	CYLINDRICAL WITH SHANK	**1521**	120/76	6000
⊥		**1522**		7000
⊥	CYLINDRICAL	**1205**	102	5600
⊥	CYLINDRICAL WITH SHANK	**1518**	102/76	6800
⊥		**1524**	120/102	8000
⊥		**1519**		8000
⊥		**1528**		8000
⊥	CYLINDRICAL STEPPED WITH SHANK	**1556**	159/102/76	6800
⊥		**1558**		8000

For all the poles refer to the general external lighting systems catalogue

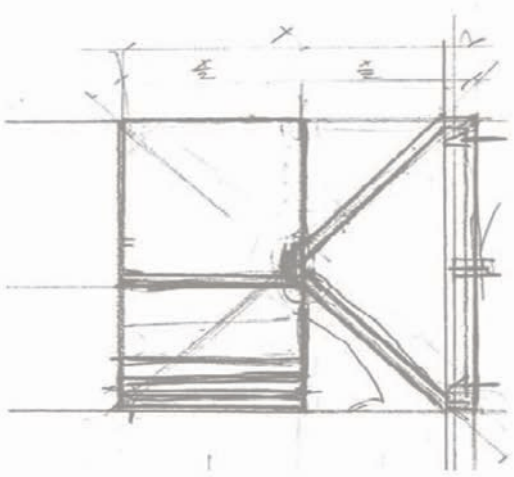
Poles for double configuration		Code	ø	Height
⊥	CYLINDRICAL	**1597**	159/102	6000
⊥		**1598**		7000
⊥	CYLINDRICAL	**1542**	102	6800
⊥		**1543**		8000
⊥	CYLINDRICAL TAPERED POLE	**1561**	159/102	6800
⊥		**1562**		8000

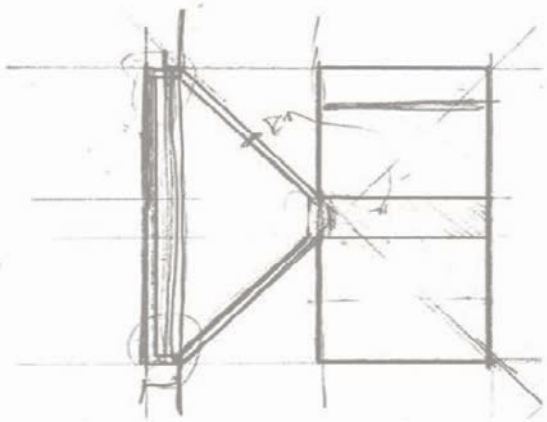
Poles for 4-assembly composition		Code	ø	Height
⊥	CYLINDRICAL TAPERED POLE	**1599**	159/102	8000
⊥		**1547**	194/120	9000
⊥		**1548**		10000
⊥		**1554**		12000
⊥	CYLINDRICAL TAPERED POLE	**1544**	127/102	9000
⊥		**1565**	159/102	9000
⊥		**1545**	194/120	10000
⊥		**1546**		11000
⊥		**1552**		13000

Simulation

iRoll 65 System

led / energy efficiency / urban furniture / parks and gardens



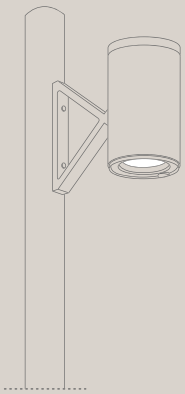


The iRoll system can be applied to poles to become a coordinated feature for urban furniture and public spaces. Thanks to the asymmetrical optics it produces a light distribution which is particularly suitable for pedestrian walkways and cycle lanes.The operating costs of the system have been reduced with the use of energy saving and long lasting LEDs.

On the opposite page:
iRoll 65 System

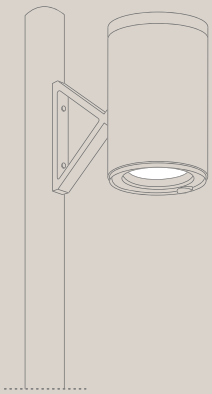
EXPO 2008 – Zaragoza, Spain
Architectural project: Inaki Alday, Margarita Jover
Lighting project: Maurici Gines
Photography: Josè Hevia

Small body
285x165 mm

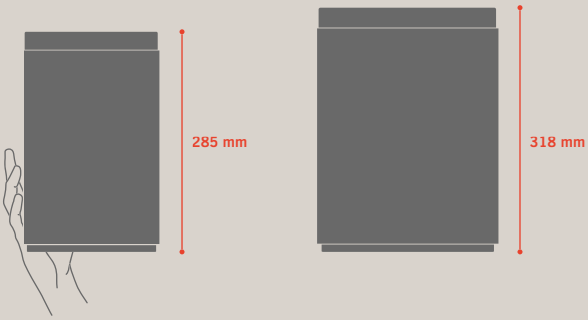


LED and HIT light source

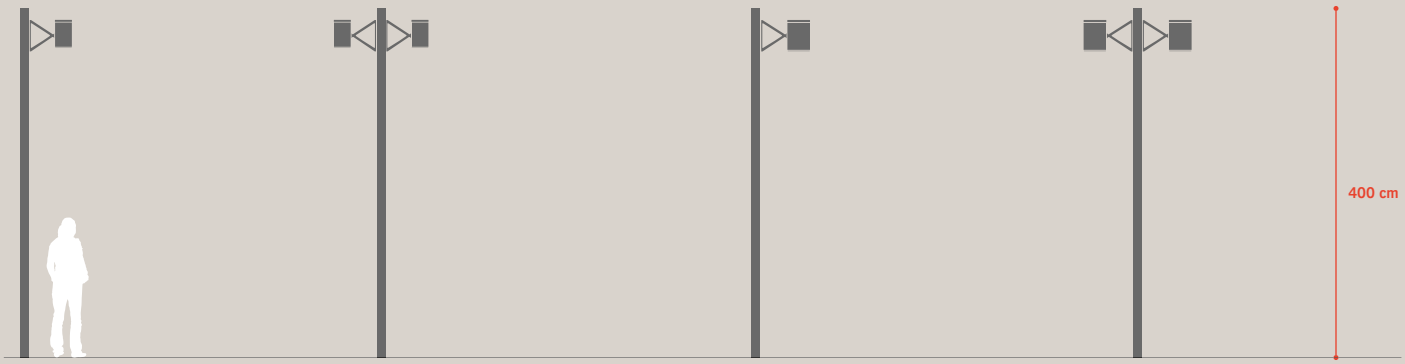
Large body
318x218 mm



LED and HIT light source



System



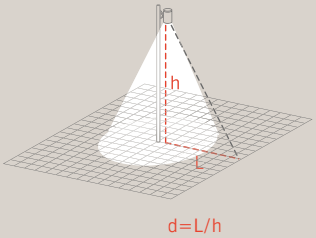
Small body

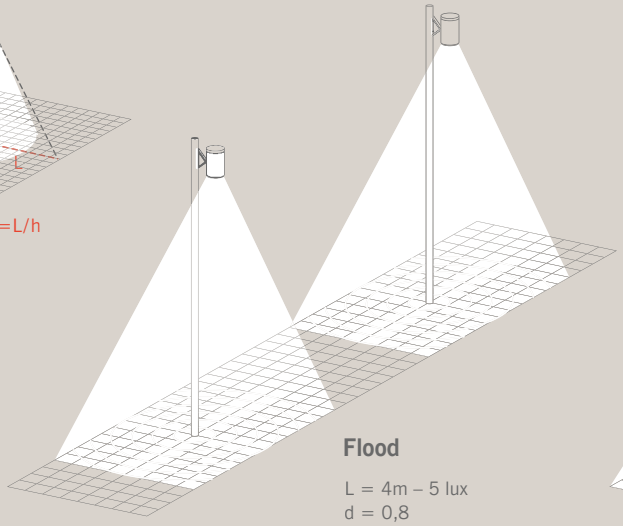
Double small body

Large body

Double large body

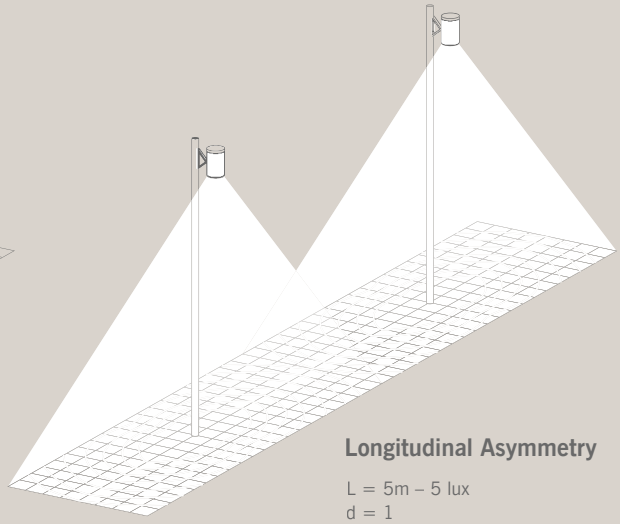
Optics





Flood

L = 4m – 5 lux
d = 0,8



Longitudinal Asymmetry

L = 5m – 5 lux
d = 1

Efficiency lamps

LED ~2100 lm 24 W → 20 W

LED ~3000 lm 34 W → 35 W

iRoll 65
System

Design
artec3 Studio

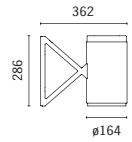
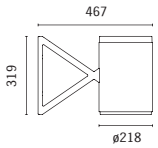
15
Grey

IP65

- Direct and indirect light fittings for LED light sources.
- Ceiling and wall mounted installation with down-light light emission.
- Optical assembly, ceiling base, arm (wall mounted version) and frame in die-cast aluminium alloy; cover in thermoplastic material for wall-mounted arm down-light); transparent tempered sodium-calcium sealing glass, 4mm thick, siliconed to frame.
- Steel retention cables between lower frame and optical assembly and between optical assembly and upper base (large and small body versions).
- Internal silicone watertight gaskets.
- Reflectors in 99.96% superpure aluminium. Fixed optics.
- Integrated electronic control gear (Vin 120÷277V, 50/60Hz).
- All external screws are in A2 stainless steel.

Upward light
flux = 0

The product will be available from January 2013

Luminaire	Optic	Code	Lamp	Control gear
	Symmetrical	**BI45**	25W LED - 2000 lm - neutral	Electronic
		BI46	25W LED - 2000 lm - warm	
	Symmetrical	**BI43**	35W HIT-TC-CE - G12	
	AL	**BI44**	35W HIT-TC-CE - G8,5	
	Symmetrical	**BI49**	45W LED - 2700 lm - neutral	
		BI50	45W LED - 2600 lm - warm	
	Symmetrical	**BI47**	70W HIT-TC-CE - G12	
	AL	**BI48**		

Accessories	Code
Refractor for elliptical distribution of the light flow colour 24	**BZ01** for BI43 - BI45 - BI46
	4492 for BI47 - BI49 - BI50
Glass diffuser colour 65	**BZ02** for BI43 - BI45 - BI46
	4493 for BI47 - BI49 - BI50

Accessories	Code
Spill ring for Symmetrical optic colour 04	**BZ05** for BI43
	6880 for BI47
Spill ring for longitudinal Asymmetrical Optic colour 04	**BZ07** for BI44
	6874 for BI48

Poles		Code	ø	Height
⊥	CYLINDRICAL	**2511**	76	4000
		2513	102	5000
	CYLINDRICAL WITH SHANK	**2515**	102	6000
		2519		7000
⊥	CYLINDRICAL	**2510**	76	4500
		2512	102	5600

Poles		Code	ø	Height
⊥	CYLINDRICAL WITH SHANK	**2514**	102/76	6800
		2518	120/102	8000
		2516		6800
		2520		8000
	CYLINDRICAL TAPERED POLE WITH SHANK	**2517**	120/102/76	7000
		2521		8000

For all the poles refer to the general external lighting systems catalogue

Accessories for poles	Code
End cap for cylindrical poles ø102mm with shank ø76mm	**BZM6**
End cap for cylindrical poles ø120mm with shank ø102mm	**BZM7**
Installation kit for cylindrical non-perforated poles with ø60mm to ø120mm colour 00	**BZQ4**

iPro

led / sustainability / range extension / light direction / modularity / minimized dimensions / discrete / simplicity / accentuation / functionality / adaptability

Mario Cucinella

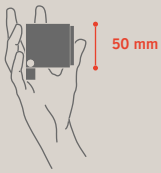
The iPro mini and micro versions are part of a range of products which in its development, from large to small, are suitable for a variety of uses. Originally conceived as a set of simple cubes, inspired by children's toys, the design strives to preserve the geometry of that shape, so that performance is the distinctive feature. The mini and micro versions are designed to blend in with architectural surfaces so as to reduce the visual impact of the products, which thanks to their basic structure are concealed amid the complexity of the architectural backdrop.

Both products use LED lamps and are designed to be able to be grouped together, both on brackets and on walls. The intention is to use smaller products, in larger numbers, rather than a single luminaire. This allows more freedom in the lighting setup.

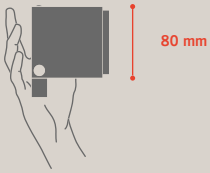
On the opposite page:
iPro micro luminous effects

Above:
iPro micro floodlight with spike
Below:
iPro micro floodlight

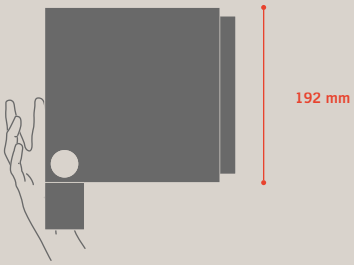
Micro body
50x50x56 mm

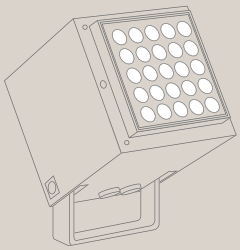


Mini body
80x80x86 mm



Large body
192x192x200 mm



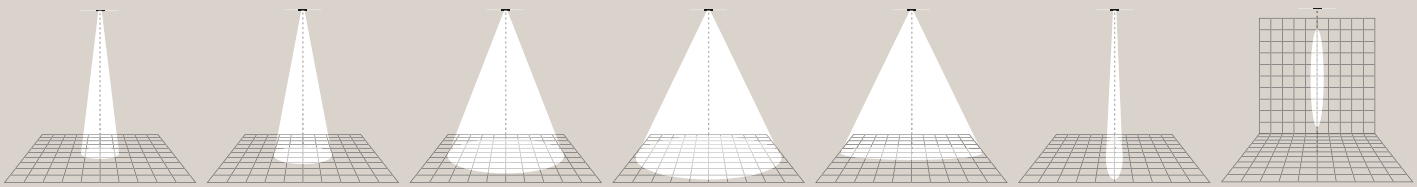


Micro body
Black cylinder

Micro body
Picket

Placed into the ground

Light cones



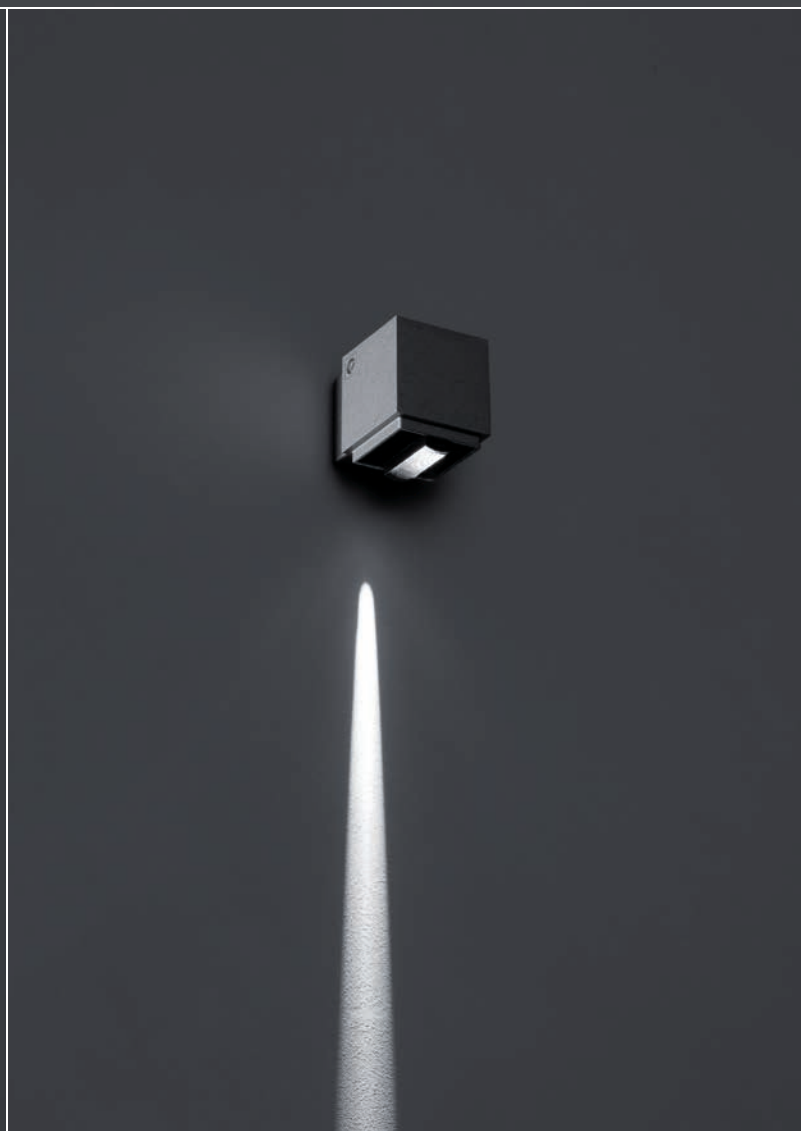
super spot | spot | flood | wide flood | transversal asymmetry | longitudinal asymmetry | Light Sliver

Efficiency lamps

LED 2300 lm 300 W → 30 W

LED 400 lm 4,7 W → 40 W

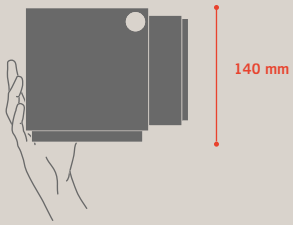
LED 200 lm 2,2 W → 20 W



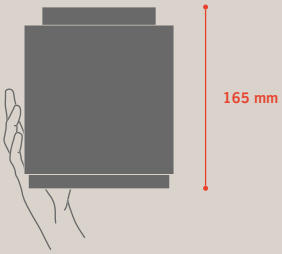
Above:
iPro mini ceiling-mounted
Below left:
iPro micro up/down luminous effects
Below right:
iPro micro luminous effects

iPro Wall/ceiling-mounted

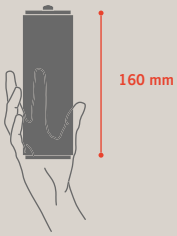
Small body
wall-mounted



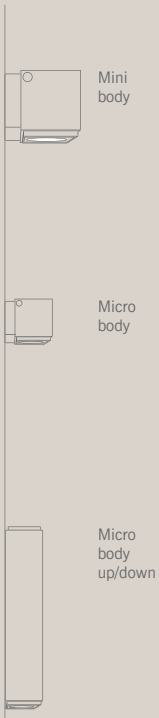
Medium body
ceiling-mounted



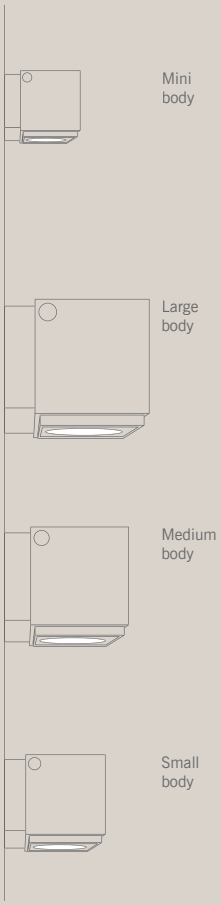
Micro body
wall-mounted up/down



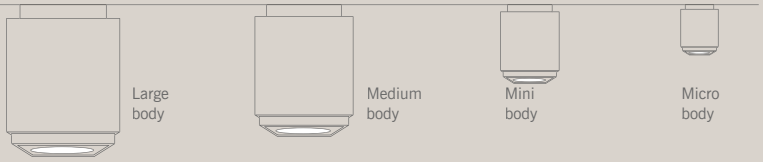
Luminous effect

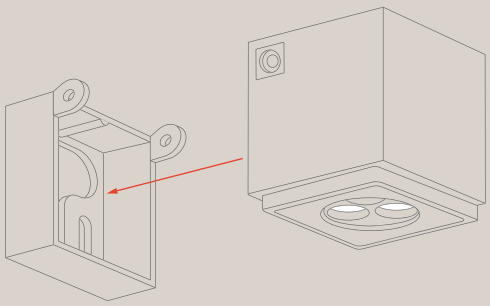


Wall-mounted



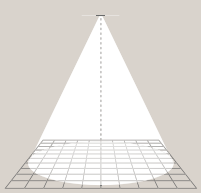
Ceiling-mounted





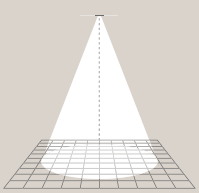
Light cones

Wall-mounted



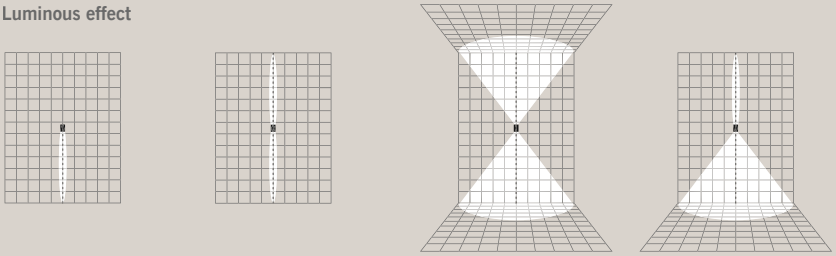
wide flood

Ceiling-mounted



flood

Luminous effect



Light Sliver

Light Sliver/
Light Sliver

wide flood/
wide flood

Light Sliver/
wide flood

iPro
Micro
Mini

Design
Mario Cucinella

01 White

15 Grey

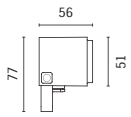
IP66

Registered Design

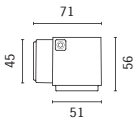
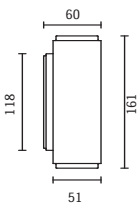
- Direct lighting fitting for LED light sources.
- Installation on the ground, wall, ceiling and garden.
- Die-cast aluminium optical assembly and rear cap; transparent tempered sodium-calcium sealing glass, 4mm thick, siliconed to optical assembly.
- All products are provided with lenses or high reflection flux enhancers in thermoplastic material.
- Mini body versions provided with electronic control gear (Vin 100÷240Vsc 50/60Hz); Micro body with electronic control gear to be ordered separately (500/700mA, CLIII versions) except versions with Up/Down applique and ground/garden versions with in-ground spike fittings (control gear integrated).
- All external screws are in A2 stainless steel.

Mechanical locking and graduated scale

Pass-through cables

Micro body floodlight	Optic	Code	Lamp
	Light Sliver	**BJ88**	4,7W LED - 390 lm - neutral
		BJ89	4,7W LED - 340 lm - warm
	Superspot	**BJ90***	2,2W LED - 195 lm - neutral
		BJ91*	2,2W LED - 180 lm - warm
	Superspot with cylinder	**BJ92***	2,2W LED - 195 lm - neutral
		BJ93*	2,2W LED - 180 lm - warm
	Spot	**BJ94**	4,7W LED - 390 lm - neutral
		BJ95	4,7W LED - 340 lm - warm
	Spot with cylinder	**BJ96**	4,7W LED - 390 lm - neutral
		BJ97	4,7W LED - 340 lm - warm
	Flood	**BJ98**	4,7W LED - 390 lm - neutral
		BJ99	4,7W LED - 340 lm - warm
	Wideflood	**BK00***	2,2W LED - 195 lm - neutral
		BK01*	2,2W LED - 180 lm - warm

Power supply to be ordered separately to 500mA
* Power supply codes max 700mA (for the a 500mA data refer to the on-line catalogue)

Micro body wall-mounted	Optic	Code	Lamp
	Light Sliver	**BK02**	4,7W LED - 390 lm - neutral
		BK03	4,7W LED - 340 lm - warm
	Wide flood	**BK04***	2,2W LED - 200 lm - neutral
		BK05*	2,2W LED - 180 lm - warm
	Light Sliver up/down	**BK08**	2x(3W) LED - 2x290 lm - neutral
		BK09	2x(3W) LED - 2x270 lm - warm
	Wide flood up/down	**BK10**	2x(1,5W) LED - 2x150 lm - neutral
		BK11	2x(1,5W) LED - 2x150 lm - warm
	Light Sliver (up) Wide flood (down)	**BK12**	(Up) 1,5W LED - 150 lm - neutral (Down) 3W LED - 290 lm - neutral
		BK13	(Up) 1,5W LED - 140 lm - warm (Down) 3W LED - 270 lm - warm

Power supply to be ordered separately to 500mA
* Power supply codes max 700mA (for the a 500mA data refer to the on-line catalogue)
Up/Down emission versions complete with power supply and exit cable (Class of insulation II)

iPro Micro Mini

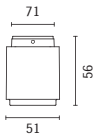
Design
Mario Cucinella

01 White

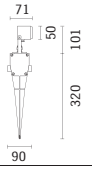
15 Grey

IP66

Registered Design

Micro body ceiling mounted	Optic	Code	Lamp
	Flood 27°	**BK06**	4,7W LED - 390 lm - neutral
		BK07	4,7W LED - 340 lm - warm

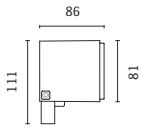
Class of Insulation III (power supply can be ordered separately)

Micro body spike	Optic	Code	Lamp
	Spot 17°	**BK14**	4,7W LED - 390 lm - neutral
		BK15	4,7W LED - 340 lm - warm
	Flood 27°	**BK16**	4,7W LED - 390 lm - neutral
		BK17	4,7W LED - 340 lm - warm

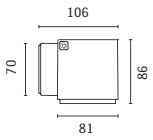
Complete with power supply and pass-through cables (Class of Insulation II)

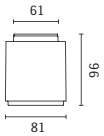
Power supply accessories for micro body	Code
IP67 box for power supplies colour 00	**9582**
IP68 Watertight connector kit colour 04	**9581**
IP68 connector colour 04	**BZK6**
Connector block with fast-coupling terminals colour 15	**BZK7**

Power supply accessories for micro body	Code
Electronic power supply 500mA 6W for 2 luminaires colour 00	**BZ98**
Electronic power supply 500mA 12W for 6 luminaires colour 00	**BZ99**
Electronic power supply 500mA 20W for 10 luminaires colour 00	**BZA0**
Electronic power supply 700mA 17W for 6 luminaires colour 00	**BZQ5** for BJ90 - BJ91 - BJ92 - BJ93 BK00 - BK01 - BK04 - BK05

Mini body floodlight	Optic	Code	Lamp
	Superspot	**BK18**	4,7W LED - 400 lm - neutral
		BK19	4,7W LED - 350 lm - warm
	Elliptical transversal	**BK20**	4,7W LED - 400 lm - neutral
		BK21	4,7W LED - 350 lm - warm
	Elliptical longitudinal	**BK22**	4,7W LED - 400 lm - neutral
		BK23	4,7W LED - 350 lm - warm
	Flood	**BK24**	4,7W LED - 400 lm - neutral
		BK25	4,7W LED - 350 lm - warm
	Wide flood	**BK26**	4,7W LED - 400 lm - neutral
		BK27	4,7W LED - 350 lm - warm
	Flood	**BK28***	4,6W LED - 200 lm - RGB

* Data refers to white light 6000K

Mini body wall-mounted	Optic	Code	Lamp
	Light Sliver	**BK29**	4,7W LED - 400 lm - neutral
		BK30	4,7W LED - 350 lm - warm
	Flood	**BK31**	4,7W LED - 400 lm - neutral
		BK32	4,7W LED - 350 lm - warm

Mini body ceiling mounted	Optic	Code	Lamp
	Flood	**BK33**	4,7W LED - 400 lm - neutral
		BK34	4,7W LED - 350 lm - warm

Power supply accessories for mini body	Code
IP67 Box power supplies for led driver colour 00	**BZ33**
IP68 Watertight connector kit colour 04	**9581**
Led driver assembly for RGB versions colour 00	**9856**

Installation accessories for mini body	Code
Spike for ground application colour 00	**BZ60**

iPro

Design
Mario Cucinella

01 White

15 Grey

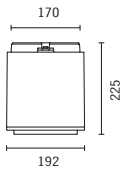
IP66

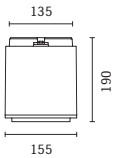
Registered Design

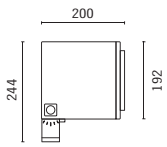
- Direct lighting fitting, for metal halide, sodium vapour, halogen and LED light sources.
- Wall/floor installation with bracket and wall/ceiling with base.
- Optical assembly, front frame and bases (wall mounted or ceiling mounted version) in die-cast aluminium alloy; transparent tempered sodium-calcium sealing glass, 5mm thick, siliconed to frame.
- Extruded aluminium bracket with silk-screened graduated scale (easy aiming).
- Internal silicone watertight gaskets.
- Reflectors in superpure aluminium.
- All external screws are in A2 stainless steel.

Mechanical locking and graduated scale

Pass-through cables

Large body ceiling mounted	Optic	Code	Lamp
	Spot	**BI38**	30W LED - 2450 lm - neutral
		BI39	30W LED - 2100 lm - warm
	Flood	**BI40**	30W LED - 2450 lm - neutral
		BL22	30W LED - 2100 lm - warm
	Very wide flood	**BL23**	30W LED - 2450 lm - neutral
		BL24	30W LED - 2100 lm - warm
		BL25	26W TC-TEL / Gx 24q-3
	Wide flood	**BL26**	70W HIT-CE / G12
		BL27	150W HIT-CE / G12

Medium body ceiling mounted	Optic	Code	Lamp
	Flood	**BI31**	19,2W LED - 1550 lm - neutral
		BI32	19,2W LED - 1350 lm - warm
	Very wide flood	**BI33**	19,2W LED - 1550 lm - neutral
		BI34	19,2W LED - 1350 lm - warm
	Very wide flood	**BI35**	18W TC-TEL / Gx 24q-2
	Wide flood	**BI36**	20W HIT-TC-CE / G8,5
		BI37	35W HIT-TC-CE / G8,5

Large body floodlight	Optic	Code	Lamp
	Spot	**BG35**	30W LED - 2450 lm - neutral
		BG36	30W LED - 2100 lm - warm
	Flood	**BG37**	30W LED - 2450 lm - neutral
		BG38	30W LED - 2100 lm - warm

Accessories	Code
Prismatic glass diffuser colour 24	**1154** for floodlight and surface-mounted version in large body

Installation accessories for iPro floodlight	Code
Wall-mounted base colour 01-15	**BZI8** for floodlight with small body
	BZI9 for floodlight with medium body
	BZM5 for floodlight with large body

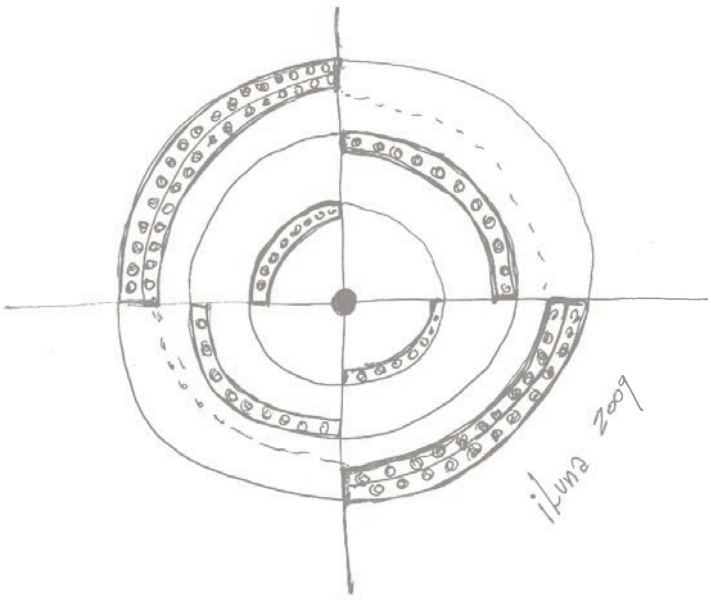
Accessory for wall installation of all iPro floodlights (small body – medium body – large body) already included in iGuzzini general catalogue.

For all other accessories compatible with ceiling mounted and floodlight iPro refer to the general external lighting systems catalogue.

BEAUNE LIGHTING PROJECT - Beaune, France
Client: City of Beaune
Production and energy management: Ineo (GDF-Suez group)
Artistic Director: Jean François Touchard
Video projections: Cosmo - Jose Cristiani
Photography: Didier Boy de la Tour

Lun-Up

led / simplicity / compositional freedom / expressiveness / discretion / enhancement / adaptability / scenography / shape / parks and gardens / hotel / residential complexes /

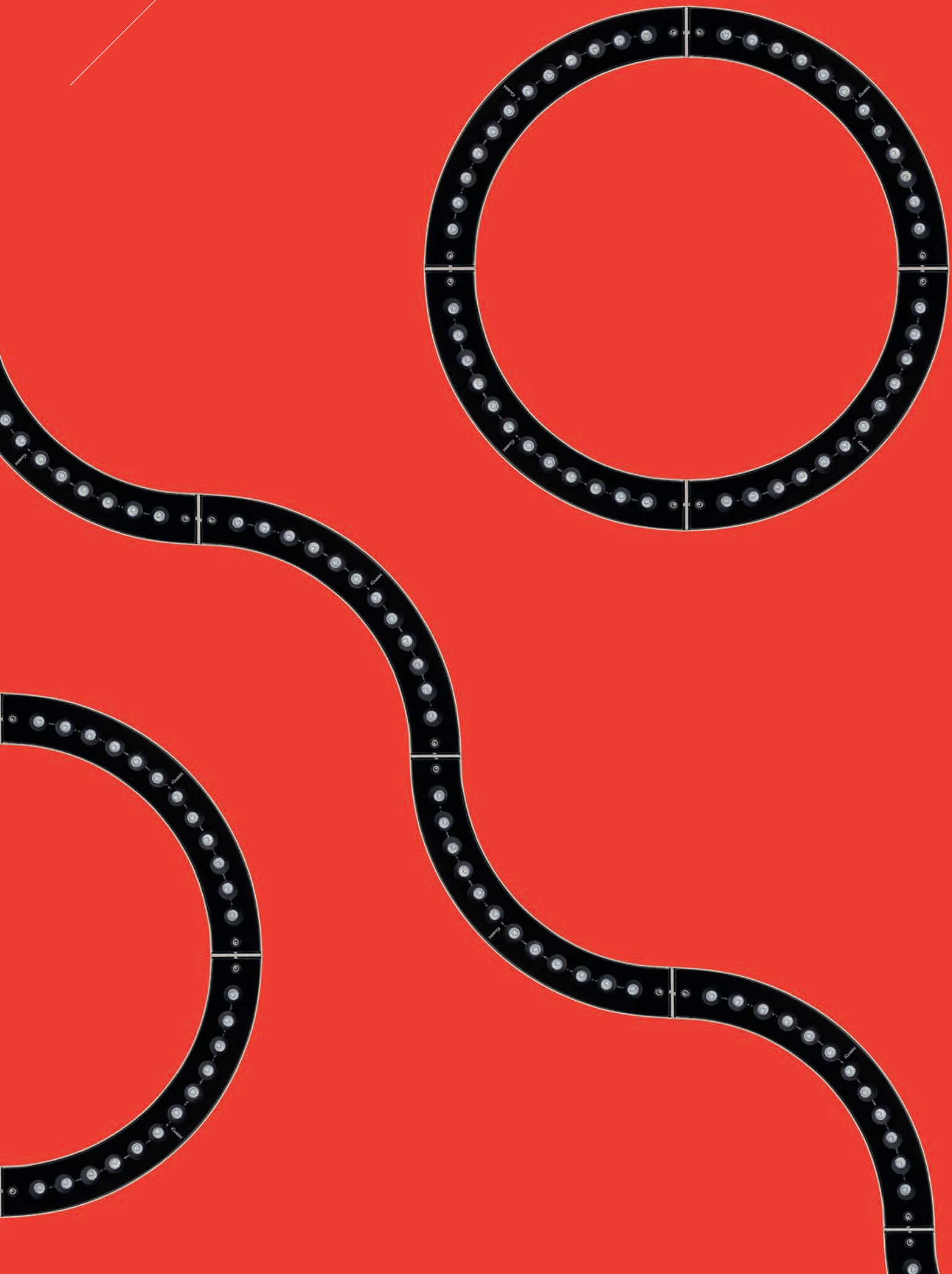


Dean Skira

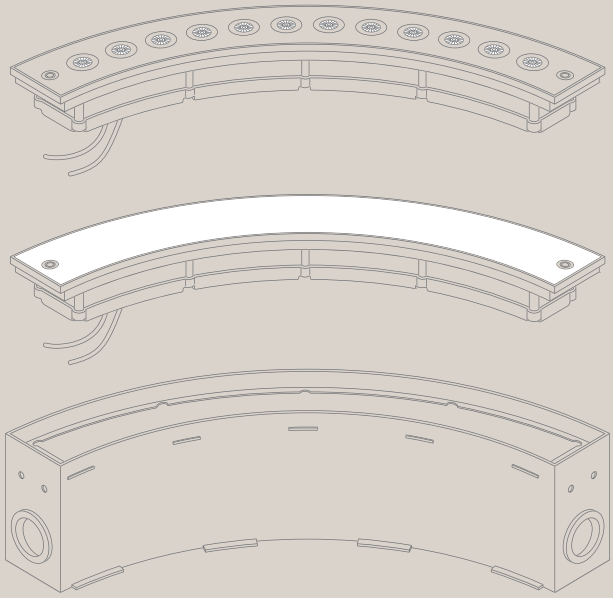
The Lun-Up is an LED recessed application that can be used to light vertical surfaces. In particular, Lun-Up is perfect for being positioned between columns and trees. All the white decorative glasses, or the RGB versions, can be used for sign systems in floors or on walls. Its primary differences to traditional lights are that it is very small, takes up less space and is almost invisible in the daytime landscape. **Its shape, a quarter of a circle, allows for the creation of semi-circles, full circles or three quarters of a circle, or more sinuous and free shapes. It is perfect to light any round surface, because its shape easily follows the shape of the object being lit.** It does not create surface light streaks; it is a simple and purely functional lighting tool. Lun-Up can be used in both public and private spaces and its efficiency is not only due to the use of the light source, but also because it requires much less material and energy to be produced. And we are very proud that the Lun-Up has been included in the final selection for the 2012 Lighting Design Award in London.

On the opposite page:
Lun-Up – Modularity of the system

Watch
the product video



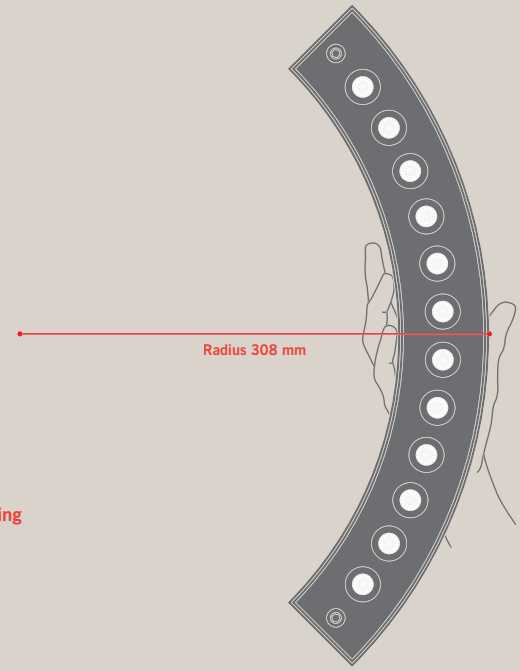
Simulation



Monochromatic

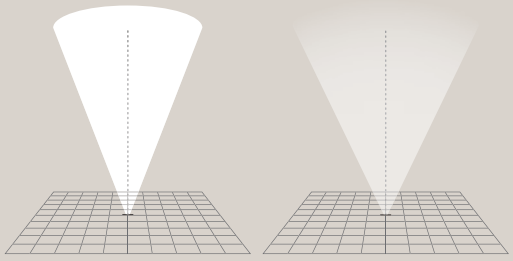
RGB

Stainless steel casing

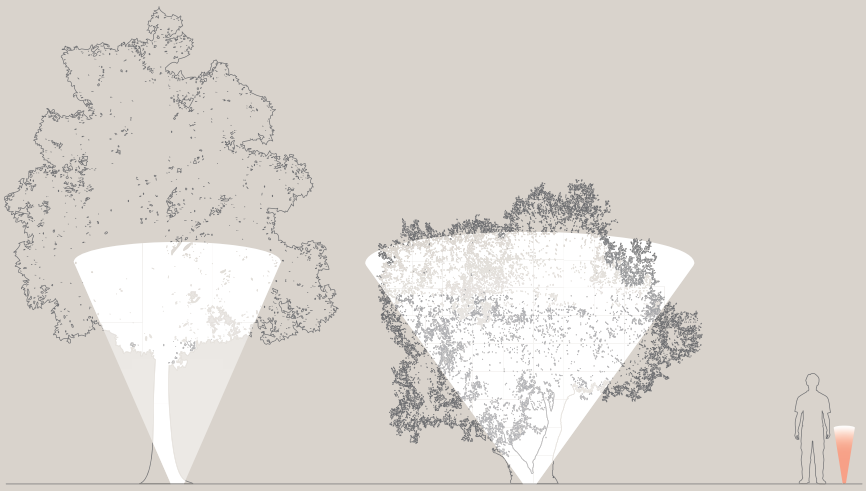


Light cones

Monochromatic

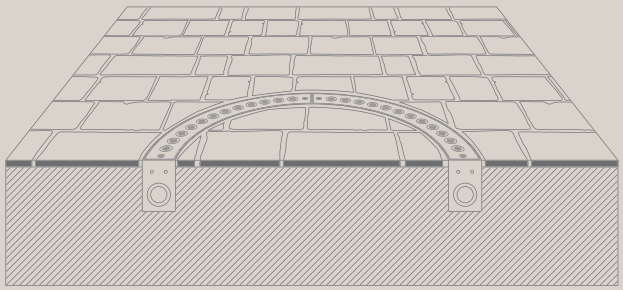


flood wide flood



flood wide flood RGB – pathways

Installation



Pavement installation

Placed into the ground

Lun-Up

Design
Dean Skira

01 White

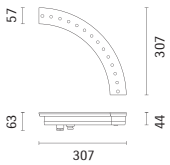
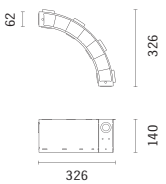
04 Black

IP67

Registered Design

- Direct lighting fitting for monochromatic LED power and signalling RGB light sources.
- Recessed, ground/floor and wall installation, with the relevant outer casing.
- Consisting of body and outer casing to be ordered separately, with ¼ circle shape.
- Cast aluminium body consisting of two parts secured together with stainless steel screws and silicone gasket; tempered sodium-calcium sealing glass, 8 mm thick, siliconed to upper compartment.
- Stainless steel outer casing with shot blasting surface treatment and galvanized steel end caps.
- All external screws are in A2 stainless steel.

Pass-through cables

Luminaire	Optic	Code	Colour	Lamp	Control gear
	Flood	**BJ76**	04	12W LED - 1400 lm - neutral	Electronic
		BJ77		12W LED - 1300 lm - warm	
	Wide Flood	**BJ78**		12W LED - 1400 lm - warm	
		BJ79		12W LED - 1300 lm - warm	
	-	**BJ80**	01	3W LED - 50 lm - RGB	RGB DMX
		BJ81		3W LED - 50 lm - RGB	RGB DALI

Installation systems	Code
Outer casing in stainless steel colour 13	**BZN8**

Installation systems	Code
End cup for outer case made of pre-galvanized sheet metal colour 00	**BZN9**

Components	Code
IP68 connector for monochromatic LED versions colour 00	**BZK6**
IP68 connector for LED RGB versions colour 00	**BZN3**
IP68 Y-shaped connector for monochromatic LED versions colour 00	**BZN4**
IP68 Y-shaped connector for LED RGB versions colour 00	**BZN7**
Plug for connectors for LED RGB DMX versions colour 00	**9738**

Components	Code
Electronic power supply 50W 24Vdc colour 00	**MWK4**
LED 24W electronic power supply 100-240Vac 24Vdc colour 00	**9909**
LED 72W electronic power supply 220-240Vac 24Vdc colour 00	**9910**
LED 96W electronic power supply 220-240Vac 24Vdc colour 00	**9911**
LED 120W electronic power supply 88-264Vac 24Vdc colour 00	**BZK0**
LED 240W electronic power supply 100-120/220-240Vac 24Vdc colour 00	**9912**
LED 480W electronic power supply 100-120/220-240Vac 24Vdc colour 00	**BZK1**
Electronic power supply 70W 24Vdc dimmer 1-10V colour 00	**MWK5**
IP67 box for power supplies colour 00	**9582** no for 9912
DALI dimming interface monochromatic LED colour 00	**MWP3**
Colour LED Interface colour 00	**9639**
Panel Colour Quick colour 00	**9730**
Remote control for Colour Quick colour 00	**9731**

Led Tube

led / flexibility / modularity / lighting effects / outdoor / indoor

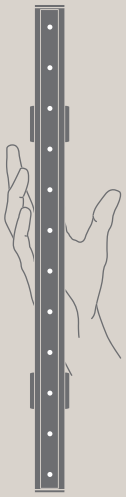
The shape of the architectonic space is defined by levels and lines. Artificial light has, up until now, mainly focused on enhancing the levels. The new LED lamps are not simply a revolution in terms of reducing energy consumption but they allow, for the first time, a redefinition of the shape of the space with lines of light. **Led Tube provides a useful alternative to achieve perfectly straight lines of light, by simplifying the installation** both inside furniture, such as shelves, glass cabinets and showcases, but also in shelves on walls and ceilings. Thanks to the availability of multiple lengths and adjustable arms, the Led Tube is a flexible product that can be used in various architectural contexts. Furthermore, the uniformity of light emitted is a reliable advantage.

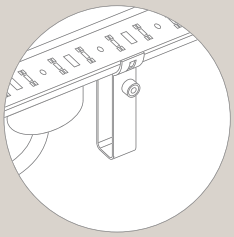
40 cm

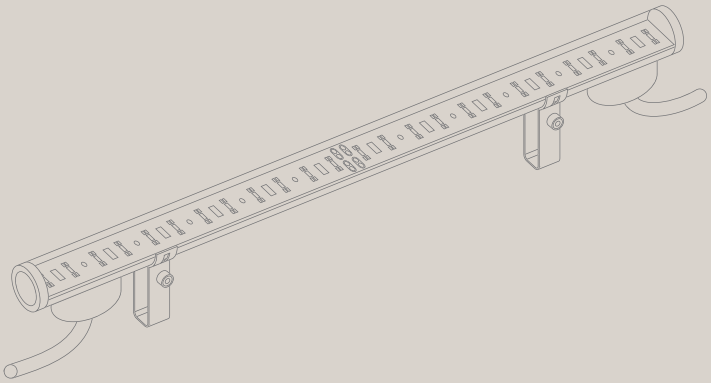
80 cm

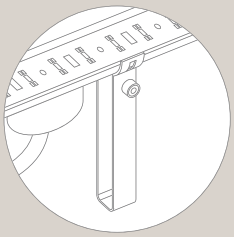
120 cm

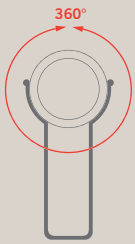
160 cm




Arm 60 mm



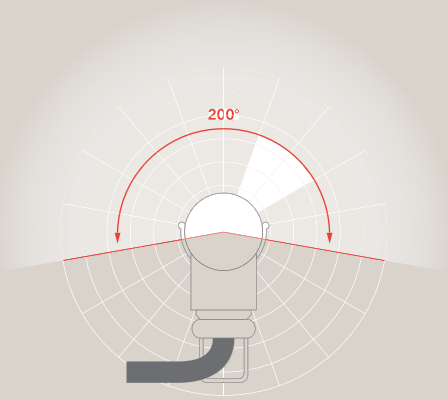

Arm 120 mm



Rotation

Continuous line

Light distribution



Led Tube

Design
iGuzzini

A5
Chrome / nitric

IP65

Registered Design

- Direct lighting fitting for monochromatic LED light source and signalling RGB.
- Ceiling, wall and ceiling-mount installation.
- Cylindrical body in extruded polycarbonate: end caps and cable clamp supports in die-cast zamak complete with silicone gaskets.
- Secured with stainless steel arms L=60 and L=120mm.
- All external screws are in A2 stainless steel.

Pass-through cable

Luminaire	Optic	Code	Lamp	Length
	Diffusing (h ~ 3 m)	**BJ45**	3,8W LED - 390 lm - neutral	415 mm
		BJ46	3,8W LED - 360 lm - warm	
		BJ47	7,7W LED - 780 lm - neutral	815 mm
		BJ48	7,7W LED - 720 lm - warm	
		BJ49	11,5W LED - 1170 lm - neutral	1.215 mm
		BJ50	11,5W LED - 1080 lm - warm	
		BJ51	15,4W LED - 1560 lm - neutral	1.615 mm
		BJ52	15,4W LED - 1440 lm - warm	
	Diffusing (h ~ 2 m)	**BJ53**	3,4W LED - 50 lm - RGB-DMX	415 mm
		BJ57	6,8W LED - 100 lm - RGB-DALI	
		BJ54	13,6W LED - 150 lm - RGB-DMX	815 mm
		BJ58	17,0W LED - 200 lm - RGB-DALI	
		BJ55	3,4W LED - 50 lm - RGB-DMX	1.215 mm
		BJ59	6,8W LED - 100 lm - RGB-DALI	
		BJ56	13,6W LED - 150 lm - RGB-DMX	1.615 mm
		BJ60	17,0W LED - 200 lm - RGB-DALI	

Installation systems	Code
Arm L=60mm colour 13	**BZN5**

Installation systems	Code
Arm L=120mm colour 13	**BZN6**

The product will be available from January 2013

Components	Code
IP68 2-way straight connector for 4mm² cables colour 00	**BZK6** for BJ45-BJ46-BJ47-BJ48 BJ49-BJ50-BJ51-BJ52
IP68 2-way straight connector for 2,5mm² cables colour 00	**BZN3** for BJ57-BJ58-BJ59-BJ60
EPR plug for connectors plus terminator resistance 120 Ω colour 00	**9738** for BJ53-BJ54-BJ55-BJ56
Control and multipolar power supply cable L=50m colour 00	**BZQ8**
Electronic power supply 50W 24Vdc colour 00	**MWK4**
LED 10W electronic power supply 220-240Vac 24Vdc colour 00	**9908**
LED 24W electronic power supply 100-240Vac 24Vdc colour 00	**9909**
LED 72W electronic power supply 220-240Vac 24Vdc colour 00	**9910**
LED 96W electronic power supply 220-240Vac 24Vdc colour 00	**9911**

Components	Code
LED 120W electronic power supply 88-264Vac 24Vdc colour 00	**BZK0**
LED 240W electronic power supply 100-120/220W 240Vac 24Vdc colour 00	**9912**
IP67 box for power supplies colour 00	**9582**
Electronic power supply 70W 24Vdc dimmer 1-10V colour 00	**MWK5**
DALI dimming interface monochromatic LED colour 00	**MWP3**
Colour LED Interface colour 00	**9639** for BJ57-BJ58-BJ59-BJ60
Colour Quick colour 00	**9730** for BJ57-BJ58-BJ59-BJ60
Remote control for Colour Quick colour 00	**9731** for BJ57-BJ58-BJ59-BJ60

Linealuce

led / simplicity / enhancement / modularity / duration / lighting performance / uniformity / minimal installation / discretion / scenography / expressiveness / architectural /

Jean Michel Wilmotte

The new generation of Linealuce LEDs is a fusion of light and technology. This product has been designed and developed for architects; a range of lights pared down to their simplest expression. The system has been appreciated for its versatility and modularity and, thanks to LED technology, it guarantees a considerable level of reliability. The Linealuce ecodesign values can be summed up in the use of durable materials and components, in the reduction of energy consumption through the use of LEDs and in the ease of disassembly at the end of the product's life cycle. A limited visual impact is guaranteed by its small dimensions. It seems, therefore, an extremely efficient tool to highlight and exalt architectonic spaces.

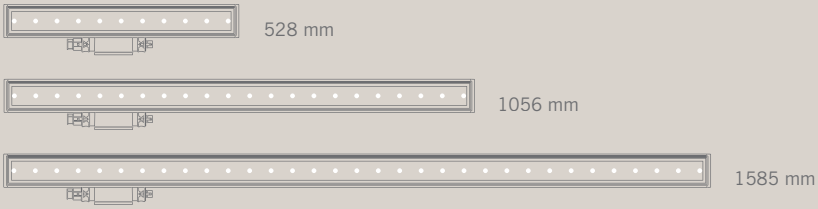
On the opposite page:
Lineluce Compact
Linealuce Mini

Design
Jean Michel
Wilmotte

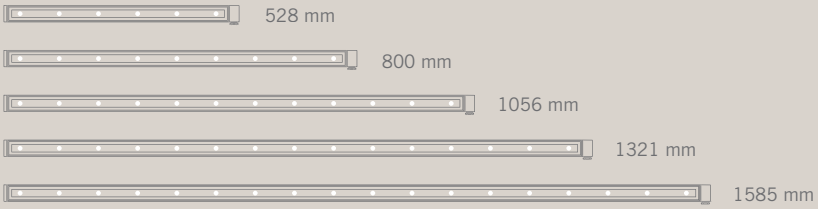
THE BIBYEBAT SANCTUARY - Baku, Azerbaijan
Electrical installation: PBC Company
Photography: Giuseppe Saluzzi

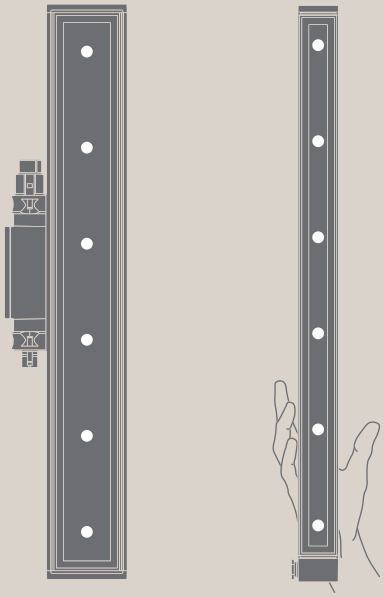
Design
Jean Michel
Wilmotte

Linealuce Compact



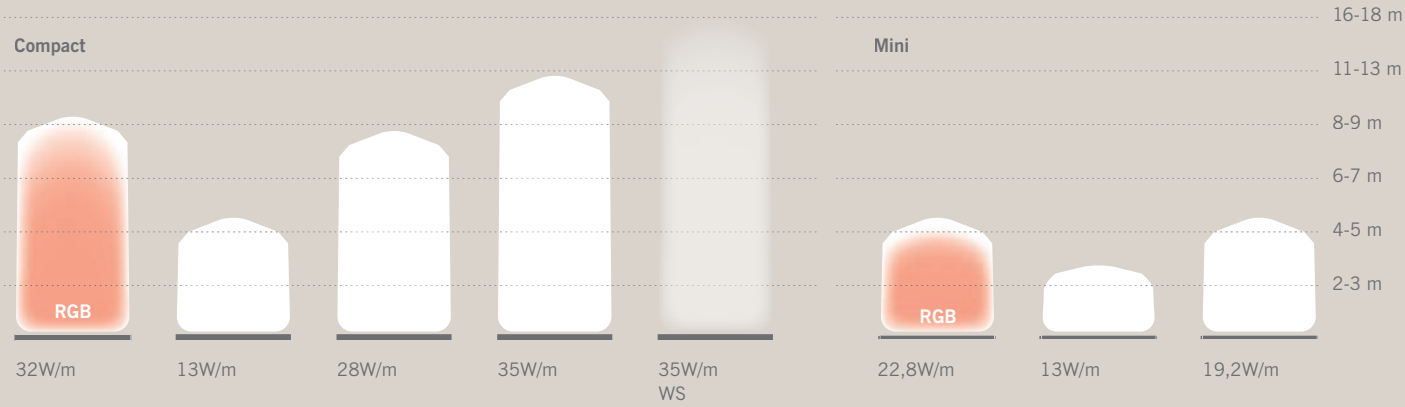
Linealuce Mini





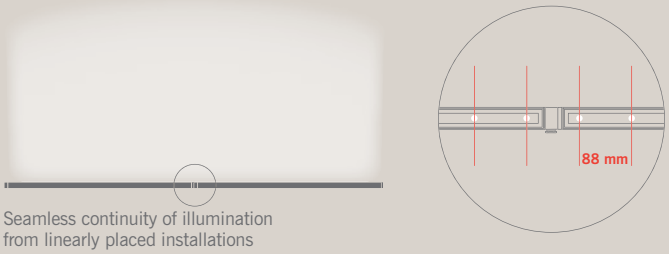
Linealuce Compact Linealuce Mini

Lighting performance



Uniform light

Wall Washer

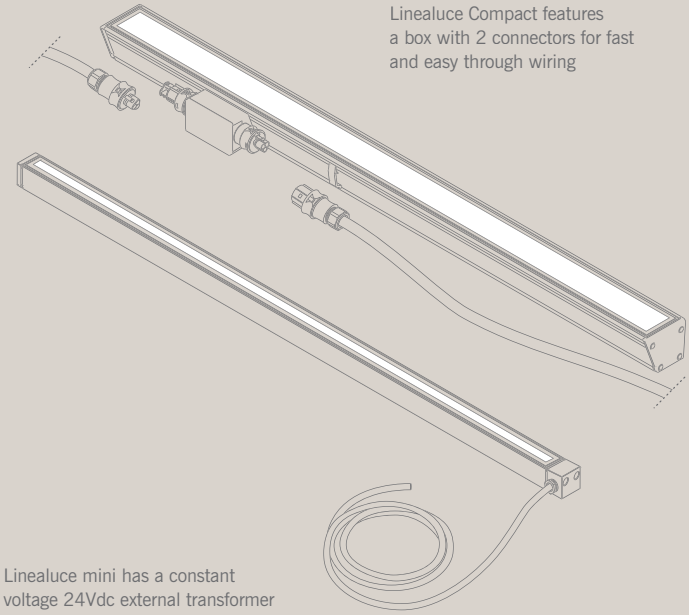


Seamless continuity of illumination
from linearly placed installations

Wall Washer Spot

Free of dark areas

Installation



Linealuce Compact features
a box with 2 connectors for fast
and easy through wiring

Linealuce mini has a constant
voltage 24Vdc external transformer

Linealuce Compact

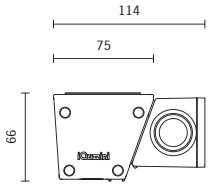
Design
J.M. Wilmotte

15
Grey

IP66

Registered Design

- Wall and ceiling installation with accessory supports.
- Extruded aluminium body, with die-cast aluminium end caps complete with silicone gaskets.
- Lateral power box in PPS.
- Optical assembly closed on top with a transparent glass screen, 3 mm thick, secured with silicone.
- The lateral box is supplied with double connector, male/female, with 3-pole fast coupling for through wiring and end cap on one side.
- The product is supplied with electronic control gear, contained inside the fitting.
- Dimmable monochromatic and RGB versions complete with electronic power supply + DALI or DMX-RDM internal driver.
- All external screws are in A2 stainless steel.

Monochromatic static LED luminaire	Optic	Code	Lamp	Length	Control gear
	Wall washer (h ~ 5 m)	**BG96**	6,5W LED - 620 lm - neutral	528 mm	Electronic
		BG97	6,5W LED - 540 lm - warm		
		BG98	13W LED - 1240 lm - neutral	1.056 mm	
		BG99	13W LED - 1090 lm - warm		
		BH00	20W LED - 1860 lm - neutral	1.585 mm	
		BH01	20W LED - 1630 lm - warm		
	Wall washer (h ~ 9 m)	**BH02**	12W LED - 1140 lm - neutral	528 mm	Electronic
		BH03	12W LED - 1000 lm - warm		
		BH04	24W LED - 2270 lm - neutral	1.056 mm	
		BH05	24W LED - 2000 lm - warm		
		BH06	36W LED - 3400 lm - neutral	1.585 mm	
		BH07	36W LED - 3000 lm - warm		
	Wall washer (h ~ 12 m)	**BH08**	18W LED - 1500 lm - neutral	528 mm	Electronic
		BH09	18W LED - 1300 lm - warm		
		BH10	35W LED - 3000 lm - neutral	1.056 mm	
		BH11	35W LED - 2600 lm - warm		
		BH12	53W LED - 4500 lm - neutral	1.585 mm	
		BH13	53W LED - 3900 lm - warm		
	Wall washer Spot (h ~ 18 m)	**BI51**	18W LED - 1500 lm - neutral	528 mm	Electronic
		BI52	18W LED - 1300 lm - warm		
		BI53	35W LED - 3000 lm - neutral	1.056 mm	
		BI54	35W LED - 2600 lm - warm		
		BI55	53W LED - 4500 lm - neutral	1.585 mm	
		BI56	53W LED - 3900 lm - warm		

h = height of lit surface

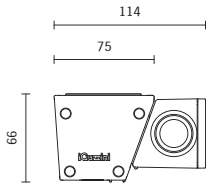
Linealuce Compact

Design
J.M. Wilmotte

15
Grey

IP66

Registered Design

Dimmable LED and RGB luminaire	Optic	Code	Lamp	Length	Control gear
	Wall washer (h ~ 12 m)	**BI57**	18W LED - 1500 lm - neutral	528 mm	Dimmable DALI
		BI58	18W LED - 1300 lm - warm		
		BI59	35W LED - 3000 lm - neutral	1.056 mm	
		BI60	35W LED - 2600 lm - warm		
		BI61	53W LED - 4500 lm - neutral	1.585 mm	
		BI62	53W LED - 3900 lm - warm		
	Wall washer (h ~ 12 m)	**BI63***	18W LED - 1500 lm - neutral	528 mm	Dimmable DMX-RDM
		BI64*	18W LED - 1300 lm - warm		
		BI65*	35W LED - 3000 lm - neutral	1.056 mm	
		BI66*	35W LED - 2600 lm - warm		
		BI67*	53W LED - 4500 lm - neutral	1.585 mm	
		BI68*	53W LED - 3900 lm - warm		
	Wall washer (h ~ 8 m)	**BI69**	16W LED - 1000 lm - RGB	506 mm	DALI
		BI70	32W LED - 2000 lm - RGB	998 mm	
		BI71	48W LED - 3000 lm - RGB	1.490 mm	
* For installation of DMX products code BZQ7 (plug + resistance) must be ordered and used in combination with connectors	Wall washer (h ~ 8 m)	**BI72***	16W LED - 1000 lm - RGB	506 mm	DMX-RDM
		BI73*	32W LED - 2000 lm - RGB	998 mm	
		BI74*	48W LED - 3000 lm - RGB	1.490 mm	

h = height of lit surface

Components	Code
3-pole female connector IP66 colour 04	**BZI2** for power supply of monochromatic versions
3-pole male connector IP66 + covering cap for unused male connectors colour 04	**BZI3** for power supply of monochromatic versions
3-pole male connector + female connector IP66 colour 04	**BZI4** for power supply of monochromatic versions
5-pole female connector IP66 colour 04	**BZI5*** for power supply of dimmable DMX/DALI and RGB DMX/DALI versions
5-pole male connector IP66 covering cap for unused male connectors colour 04	**BZI6*** for power supply of dimmable DMX/DALI and RGB DMX/DALI versions
5-pole male connector + female connector IP66 colour 04	**BZI7*** for power supply of dimmable DMX/DALI and RGB DMX/DALI versions
Multi-pole cable unit L 430mm with 3-pole male + female end connector colour 04	**BZJ0** for power supply of monochromatic versions L 528mm in continuous line
Multi-pole cable unit L 960mm with 3-pole male + female end connector colour 04	**BZJ1** for power supply of monochromatic versions L 1056mm in continuous line
Multi-pole cable unit L 1490mm with 3-pole male + female end connector colour 04	**BZJ2** for power supply of monochromatic versions L 1585mm in continuous line
Multi-pole cable unit L 430mm with 5-pole male + female end connector colour 04	**BZJ3** for connection of dimmable and RGB versions L 506/528mm in continuous line
Multi-pole cable unit L 960mm with 5-pole male + female end connector colour 04	**BZJ4** for connection of dimmable and RGB versions L 998/1056mm in continuous line
Multi-pole cable unit L 1490mm with 5-pole male + female end connector colour 04	**BZJ5** for connection of dimmable and RGB versions L 1490/1585mm in continuous line

Installation systems	Code	
Diffusing filter for WWS optic colour 65 Recommended with WWS optic on smooth surfaces to obtain higher uniformity in initial area of light beam.	**BZS8** for BI51-BI52 **BZS9** for BI53-BI54 **BZT0** for BI55-BI56	
Antiglare screen colour 15	**BZH7** for BG96-BG97-BH02 BH03-BH08-BH09	**BZT1** for BI69-BI72
	BZH8 for BG98-BG99-BH04 BH05-BH10-BH11	**BZT2** for BI70-BI73
	BZH9 for BH00-BH01-BH06 BH07-BH12-BH13	**BZT3** for BI71-BI74
Plate used for support or ceiling installation colour 15	**5570** for modules L=506/528/998/1056 mm	
	5571 for modules L=1490/1585 mm	
Wall mounting bracket colour 15	**BZI0** for BG96-BG97-BG98-BG99-BH02-BH03 BH04-BH05-BH08-BH09-BH10-BH11	
	BZI1 for BH00-BH01-BH06-BH07-BH12-BH13	
Arms adjustable +/- 90°	**5576**	
Arms extendable from 309 to 389 mm and adjustable by +/-90°	**5577**	
Brackets for balustrade mounting	**5578**	

Linealuce Mini

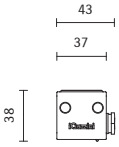
Design
J.M. Wilmotte

15
Grey

IP66

Registered Design

- Wall and ceiling installation with accessory supports.
- Extruded aluminium body, with die-cast zamak end caps complete with silicone gaskets.
- Optical assembly closed on top with a transparent glass screen, 3 mm thick, secured with silicone.
- The product is supplied with single PG9 cable clamp in nickel-plated brass and PVC exit cable. For the electrical connection a linear connector IP68 and connector block IP67 with fast coupling terminals.
- Electronic control gears to be ordered separately.
- Dimmable and RGB monochromatic versions: Vin=48Vdc electronic power supplies to be ordered separately, Dali or DMX-RDM internal drivers contained in extruded aluminium side box, with aluminium die-cast end caps complete with silicone gaskets, PG13,5 nickel-plated brass cable clamps and outgoing cables.
- All external screws are in A2 stainless steel.

Monochromatic static LED luminaire	Optic	Code	Lamp	Length	Control gear
	Wall washer (h ~ 2 m)	**BH14**	3,6W LED - 390 lm - neutral	528 mm	Electronic
		BH15	3,6W LED - 340 lm - warm		
		BH16	7,2W LED - 770 lm - neutral	1.056 mm	
		BH17	7,2W LED - 680 lm - warm		
		BH18	11W LED - 1160 lm - neutral	1.585 mm	
		BH19	11W LED - 1010 lm - warm		
	Wall washer (h ~ 5 m)	**BH20**	6,5W LED - 600 lm - neutral	528 mm	Electronic
		BH21	6,5W LED - 530 lm - warm		
		BI11	9,8W LED - 910 lm - neutral	792 mm	
		BI12	9,8W LED - 800 lm - warm		
		BH22	13W LED - 1210 lm - neutral	1.056 mm	
		BH23	13W LED - 1060 lm - warm		
		BI13	16W LED - 1510 lm - neutral	1.321 mm	
		BI14	16W LED - 1330 lm - warm		
		BH24	20W LED - 1810 lm - neutral	1.585 mm	
		BH25	20W LED - 1590 lm - warm		

h = height of lit surface
Vin: 24Vdc power supply to be ordered separately.

Monochromatic LED components	Code
Connector block IP with fast coupling terminals suitable for cables 2x2,5mm² colour 15	**BZK7**
Connector IP68 suitable for cables 2x2,5mm² colour 00	**BZK6**
10W power supply for DIN 24Vdc bar colour 00	**9908**
24W power supply for DIN 24Vdc bar colour 00	**9909**
72W power supply for DIN 24Vdc bar colour 00	**9910**
96W power supply for DIN 24Vdc bar colour 00	**9911**
120W power supply for 24Vdc bar colour 00	**BZK0**
240W power supply for DIN 24Vdc bar colour 00	**9912**
480W power supply for DIN 24Vdc bar colour 00	**BZK1**

For information on number of connectable products, cable cross-section and power supply type, please refer to the instructions sheets. Go to catalog.iguzzini.com to download.

Monochromatic LED installation systems	Code
Plate used for support or ceiling installation colour 00	**BZJ6** for modules L 528mm and L 1056mm
	BZJ7 for modules L 1585mm
Adjustable arms L 200mm for wall or ceiling mounting installation colour 00	**BZJ8**
Adjustable arms L 83mm for wall or ceiling mounting installation colour 00	**BZJ9**

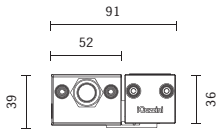
Linealuce Mini

Design
J.M. Wilmotte

15
Grey

IP66

Registered Design

Dimmable LED and RGB luminaire	Optic	Code	Lamp	Length	Control gear
	Wall washer (h ~ 5 m)	**BL30**	6,5W LED - 600 lm - neutral	528 mm	Dimmable DALI
		BL31	6,5W LED - 530 lm - warm		
		BL32	13W LED - 1210 lm - neutral	1.056 mm	
		BL33	13W LED - 1060 lm - warm		
		BL34	20W LED - 1810 lm - neutral	1.585 mm	
		BL35	20W LED - 1590 lm - warm		
	Wall washer (h ~ 5 m)	**BL36**	6,5W LED - 600 lm - neutral	528 mm	Dimmable DMX-RDM
		BL37	6,5W LED - 530 lm - warm		
		BL38	13W LED - 1210 lm - neutral	1.056 mm	
		BL39	13W LED - 1060 lm - warm		
		BL40	20W LED - 1810 lm - neutral	1.585 mm	
		BL41	20W LED - 1590 lm - warm		
	Wall washer (h ~ 4 m)	**BJ17**	11,4W LED - 810 lm - RGB	511 mm	DALI
		BJ18	22,8W LED - 1620 lm - RGB	1.003 mm	
		BJ19	34,2W LED - 2440 lm - RGB	1.495 mm	
	Wall washer (h ~ 4 m)	**BJ20**	11,4W LED - 810 lm - RGB	511 mm	DMX-RDM
		BJ21	22,8W LED - 1620 lm - RGB	1.003 mm	
		BJ22	34,2W LED - 2440 lm - RGB	1.495 mm	

h = height of lit surface
Vin: 48Vdc power supply to be ordered separately

Dimmable LED and RGB components	Code
5-pole connector colour 04	**BZS6**
Plug + terminator resistance 120 Ω colour 00	**BZS7** for power supply of DMX-RDM versions
120W power supply for DIN 48Vdc bar colour 00	**BZ14**
240W power supply for DIN 48Vdc bar colour 00	**BZ15**
480W power supply for DIN 48Vdc bar colour 00	**BZ16**

Dimmable LED and RGB installation systems	Code
Plate used for support or ceiling installation colour 00	**BZJ6** for modules L= 511/528/1003/1056mm
	BZJ7 for modules L=1495/1585mm
Adjustable arms L 200mm for wall or ceiling mounting installation colour 00	**BZJ8**
Adjustable arms L 115mm for wall or ceiling mounting installation colour 00	**BZQ9**

For information on number of connectable products, cable cross-section and power supply type, please refer to the instructions sheets. Go to catalog.iguzzini.com to download.

MaxiWoody

Design
Mario Cucinella

15
Grey

IP66

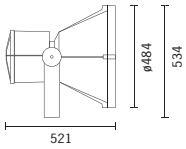
Registered Design

- Floodlight for metal halide light sources.
- Installation on the ground/floor, wall (with plugs and reinforcement bracket) and on pole systems (with flanges and reinforcement bracket).
- Aluminium alloy optical assembly and frame; clear, transparent tempered sodium-calcium sealing glass, secured with captive screws; stainless steel retention cable; silicon gasket 50-60 Shore A.
- Reflector in superpure aluminium. Optics available: SuperSpot (SS) - Spot (S) - Wideflood (WF).
- Lamp holder support plate removable from rear compartment, in hot-dip galvanized steel sheet, complete with ignitor and line disconnecting switch; box and cover in painted aluminium alloy; spacers and captive screws.
- IP65 aluminium power box to be ordered separately, complete with control gear, non explosive power factor correction capacitor and terminal box.
- External screws in stainless steel.

Mechanical locking and graduated scale

Slots frame for downflow of rainwater

Pass-through cable

Luminaire	Optic	Code	Lamp
	Superspot S	6167	600/1000W HIT-TC-CE G22
	Spot	6168	
	Wideflood	6169	

Power supply accessories	Code
IP65 600W aluminium box with ballast and capacitor colour 15	6171
IP65 1000W aluminium box with ballast and capacitor colour 15	6172

Installation systems	Code
Ground anchoring plate colour 15	5951
Steel flange for installation of 1 floodlight on pole colour 15	6173
Steel flange for installation of 2 floodlights on pole colour 15	6174
Reinforcement bracket for pole application colour 15	6175

Accessories	Code
Visor	5942
Single directional flap colour 04	5935
Protection grid colour 78	5945
Stainless steel anti-fall net colour 00	6176

Poles		Code	ø	Height
	CYLINDRICAL STEPPED	1547	194/120	9000
		1548		10000
		1554		12000
	CYLINDRICAL STEPPED	1545	194/120	10000
		1546		11000
		1552		12800

The product will be available from January 2013

Ellipse LED

Design
Luigi Massoni

01
White

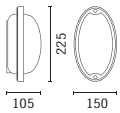
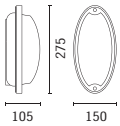
15
Grey

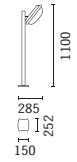
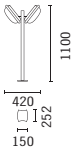
IP54

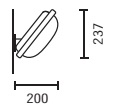
- Diffused lighting fitting for LED light sources
- Pole or wall mounted installation.
- Consisting of optical assembly, attachment and pole.
- Die-cast aluminium external frame; diffusor in pressure-moulded glass (polycarbonate screen version available on request).
- Extruded aluminium pole, with acrylic paint finish providing a high resistance to atmospheric agents.
- All screws are in A2 stainless steel.

Installation without tools

Millimetric regulation of suspension cable

Ceiling luminaire	Code	Lamp
	**7033**	4,3W LED - 400 lm - neutral
	7036	4,3W LED - 350 lm - warm
	**7038**	8,7W LED - 800 lm - neutral
	7039	8,7W LED - 700 lm - warm

Pole complete with diffuser	Code	Lamp
	**BH54**	8,7W LED - 800 lm - neutral
	BH55	8,7W LED - 700 lm - warm
	**BH56**	2x8,7W LED - 2x800 lm - neutral
	BH57	2x8,7W LED - 2x700 lm - warm

Wall-mounted luminaire	Code	Lamp
	**BH52**	8,7W LED - 800 lm - neutral
	NH53	8,7W LED - 700 lm - warm

Disclaimer

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Goods travel at the customer's risk and peril, even those sold franco domicile.

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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

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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 01.01.2012

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. For those countries or areas where the luminaires are to be installed with thermal and microclimatic references which are different from those foreseen (e.g.: swimming pools, premises subject to the risk of explosion, etc…), we invite you to contact us.
For the correct installation of the luminaires, always consult the instruction sheet provided with the product.

Guarantee

iGuzzini warrants that their products are free from any defect in manufacturing and/or material in case of proper use, for a period of five years from the date of the invoice prior to online registration at www.iguzzini.com and acceptance of specific conditions.
In any case, iGuzzini recognises the warranty rights foreseen by the law.

Information

For enquiries, remarks and service needs, please contact the reference company for your geographical area (see details in this catalogue).

Disclaimer

Notes

- For the ENEC mark of the individual codes, please go to the download area of the on-line catalogue at
- Colour temperature ranges in K°:
  Warm white 3000K to 3200k
  Neutral white 4000k to 4300k
  Cool white 5000k to 5500k
- LED life is 50,000 hours for internal products, except for Cestello, Frame and Minimal, Deep Frame and Deep Minimal (30,000 hours)

Lighting distribution

Super Spot	SS	≤ 6°	
Spot	S	7°÷15°	
Medium	M	16°÷25°	
Flood	F	26°÷45°	
Wide Flood	WFL	46°÷60°	
Very Wide Flood	VWF	≥ 60°	
Light Sliver	LL	d1 = 5°÷10°	d2 = 30°÷60°
Elliptical	E	d1 = 20°÷35°	d2 = 40°÷70°

Colours

A1 Grey / nitric
A5 Chrome / nitric
B5 Grey / white
B6 Grey / transparent
B7 Nitric / transparent
B8 Grey / smoky
B9 Black / smoky
C1 Black / nitric
D3 Grey / white with “imprinting”
D4 Clear grey / dark grey
D6 Dark grey / aluminium
D7 Cyan
D8 White / Transparent
D9 White / Nitric

00 Indeterminate
01 White
02 Orange
04 Black
05 Red
06 Yellow
07 Green
09 Sky blue
10 Chrome
11 White / white
12 Alluminium
13 Steel
14 Brass
15 Grey

16 Blue
20 Metallic grey
21 Clear and satin
22 Smoky
24 Clear transparent
26 Magenta
30 White fabric
31 White like false ceilings with narrow panels
36 Chrome / opal
38 Opal
39 White / alluminium
40 Black / alluminium
41 White / brass
43 Black / black

47 White / black
48 Gilded
65 Nitric
70 Anthracite grey
73 Grey / yellow
74 Grey / black
75 Military green
78 Grey / alluminium
81 Light green
82 Red salmon
83 Transparent / black
84 White / green
85 Transparent / green
86 Dark metallic grey

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Blade / Led
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iPlan / Lightshine
iN30 LED
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