

**Light Up Orbit / Earth**  
Always in



# Light First

## Social innovation through lighting

### Socially engaged

iGuzzini is an international community at the service of architecture and light culture, for a better life and society. It is a centre of excellence for studying light in its various forms. It is a centre of excellence for the study of light in all its forms and it produces lighting systems in collaboration with leading architects, lighting designers, universities and research centres from all over the world. **Respect for the environment, organic well-being and sustainable economies** are the key factors we focus on at a global level to implement real progress in society. Light is first and foremost, for people, so we are firmly committed to supporting local mayors and encouraging public organizations and leaders of architecture, industry and commerce to use energy responsibly in order to improve wellbeing and quality of life.

### Lighting innovation

Social innovation means responding to emerging needs with new ways of cooperating and networking. It is about producing sustainable ideas and identifying new tools for putting them into practice. Light changes things. It is at the centre of social changes. It is the expression of a **new, vital energy** that runs through cities, building architecture and creating well-being. Light illuminates nature. It reveals worlds and relationships, communities and mechanisms. And iGuzzini works to use light to improve the relationship between mankind and the environment, through research, manufacturing, technology and knowledge.

**iGuzzini**







# Light Up Orbit / Earth

Always in.

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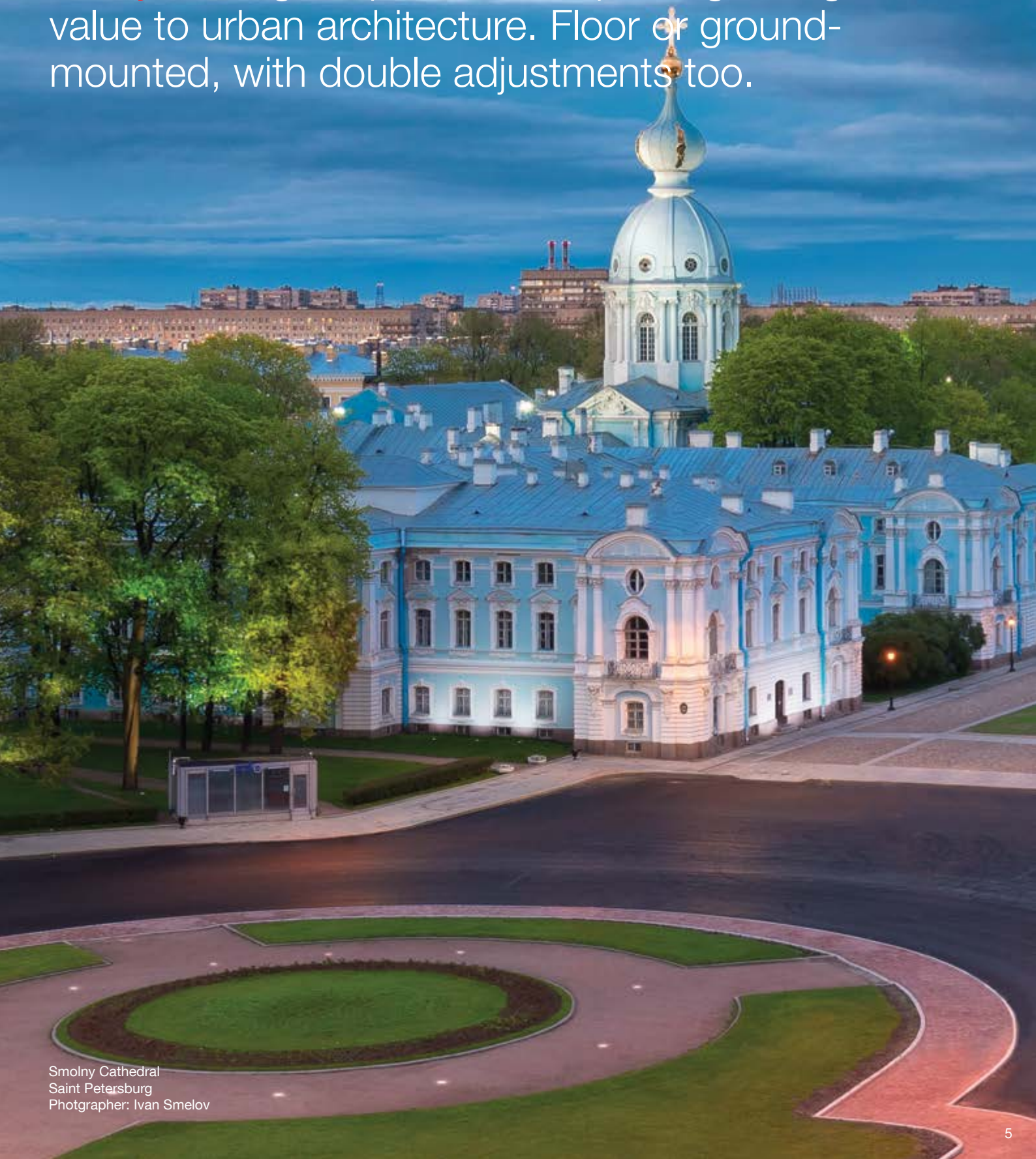
38

**Always in.** Light Up Orbit creates light scenarios that fill hospitality&living environments with real atmosphere. Ceiling, wall and floor-mounted.



A-2 residential building  
Multi-storey Residential building  
Rende – Italy  
Architectural project: Gianfranco Malara,  
Francesco Carlo Valentini  
Photographer: Giuseppe Saluzzi

**Always in.** Light Up Earth multiplies light to give value to urban architecture. Floor or ground-mounted, with double adjustments too.



Smolny Cathedral  
Saint Petersburg  
Photographer: Ivan Smelov



# From 28 to 250 mm

A size scale that multiplies applications.




The new Light Up Orbit and Earth collections come in six different sizes, from just 28mm to 250mm, each of which multiplied by the various optics and distribution options. For each application effect we have fine-tuned the latest optic technology with the smallest dimensions and the greatest power to combine visual and aesthetic well-being.

Multiple installation options include ceiling, wall, ground and floor options, double external adjustment offers long-term reliability and power levels increase in relation to the size of the luminaires. A universe of possibilities where the only dimension is light.



28  
millimetres  
Scale 1:1

## Light Up Orbit

Ø 28 mm	Ø 50 mm	Ø 80 mm
		
lm 95 → 110	lm 100 → 490	lm 400 → 665

## Light Up Earth

Ø 144 mm	Ø 200 mm	Ø 250 mm
		
lm 500 → 1350	lm 740 → 1850	lm 750 → 4350



## Light Up Orbit / Earth

Main Features

**250**  
millimetres  
Scale 1:1



## Light Up Orbit / Earth

### Main Features



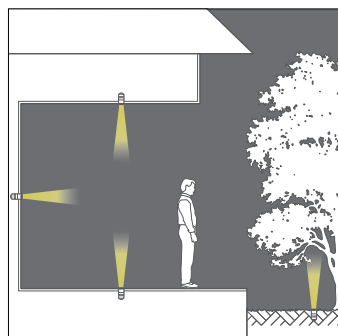
Asia-Pacific Economic Cooperation (APEC) Summit  
Yanqi Lake, Pekin – China  
Architectural Project: Beijing Institute of Architectural  
Design (Group) Co., LTD, AECOM  
Lighting Project: The Architectural Design & Research  
Institute of Tsinghua University  
Photographer: Xiaomeng Bai, by Courtesy of  
Tsinghua University





# Overview

## Light Up Orbit



\*Ø 80 ground and floor installation

### Colour temperature - CRI

4000 K  
3000 K  
2700 K

### IP-IK rating

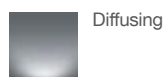
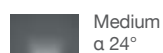
IP68  
IK09

### Control

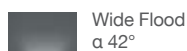
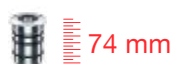
Dali

## Fixed optic

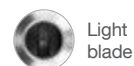
### Ø28



### Ø50



### Ø80\*



### Height

### Luminous flux

### W

### Driver

68 mm

95→110 lm

1 W

350mA max

74 mm

100→490 lm

1→3,8 W

350/500/700mA max

83 mm

400→665 lm

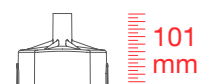
2,9→5,5 W

350/500mA max

## Accessories



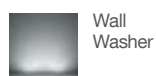
Springs for fastening to wall/ceiling plasterboard and raised floors





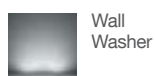
## Wall Washer optic

Ø50



Wall Washer

Ø80\*



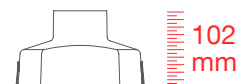
Wall Washer

74 mm  
100 → 120 lm  
1 W  
350mA max

83 mm  
290 → 460 lm  
2,9 → 4,2 W  
350/500mA max

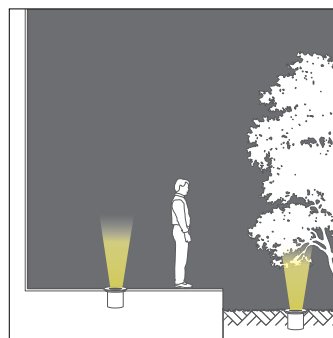


102 mm



102 mm

## Light Up Earth



### Colour temperature - CRI

4000 K  
3000 K

### IP-IK rating

IP68  
IK10

Height  
Luminous flux  
W  
Driver

### Accessories

- Elliptical distribution refractor\*
- Diffusing glass\*
- Louver\*

\* Available only for fixed optic

## Fixed optic

Ø144



10° - 18°  
32° - 56°



Diffusing



Light blade



Spot  
α 10°



Medium  
α 18°



Flood  
α 32°



Wide Flood  
α 56°



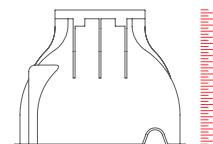
Diffusing



Light blade

175 mm  
500 → 1350 lm  
5 → 9,5 W  
DALI - On/Off

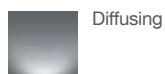
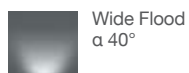
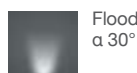
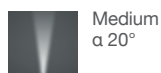
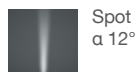
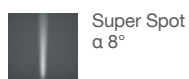
### Outer casing for ground floor installation



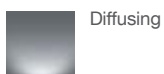
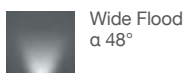
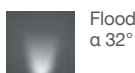
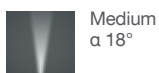
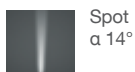
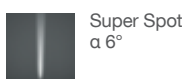
225 mm

**Adjustable optic** Inclination 0-30° Rotation +/-90°  
Patent pending

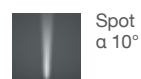
**Ø200**



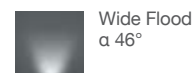
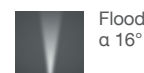
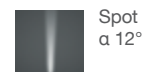
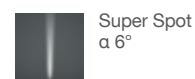
**Ø250**



**Ø144**



**Ø200**

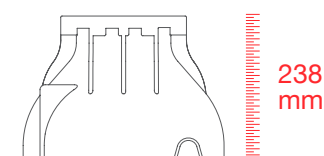
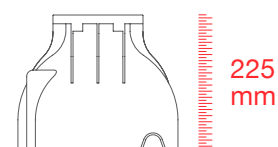
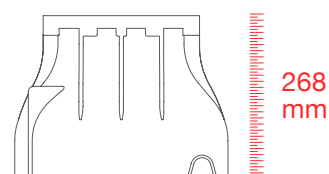
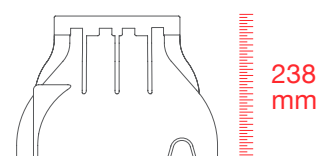


179 mm  
740 → 1850 lm  
7,9 → 14 W  
DALI

201 mm  
770 → 4350 lm  
7,8 → 27 W  
DALI

147 mm  
630 → 730 lm  
6,1 W  
DALI - On/Off

166 mm  
740 → 1500 lm  
7,8 → 14 W  
DALI



## Wall Washer optic

Ø250



194 mm



6° - 12°  
28° - 46°



Super Spot  
α 6°



Spot  
α 12°



Flood  
α 28°



Wide Flood  
α 46°

Ø144



175 mm



Super  
Comfort



Wall  
Washer

Ø200



179 mm



Super  
Comfort



Wall  
Washer

Ø250



201 mm



Super  
Comfort



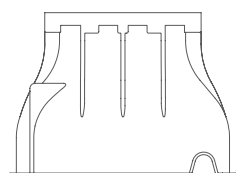
Wall  
Washer

194 mm  
750 → 2025 lm  
7,8 → 14 W  
DALI

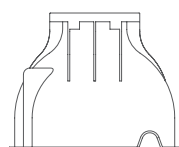
175 mm  
1100 lm  
9,5 W  
On/Off

179 mm  
1450 → 1600 lm  
14 W  
DALI

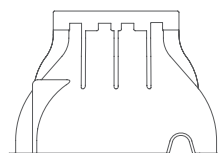
201 mm  
1950 → 2150 lm  
19 W  
DALI



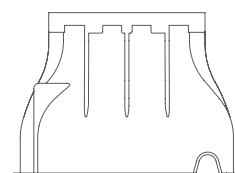
268  
mm



225  
mm



238  
mm



268  
mm

Technical data may vary on account of technological progress, so please consult our online catalogue for continuous updates.

# From the effect to the LED

The best technology for every application.

Thanks to LEDs, everything has changed. Now designers start from the effect required and construct the best device to achieve it. We shape the optic and the materials. We put together systems and define power levels and lamp features according to the application required. We use lenses and reflectors with Opti Beam patented technology for light beams ranging from super spot to medium, flood

and wide flood. We have exclusive lenses for graphic effects with light blades, composite optic units for wall washer distributions, diffuser screens for general light and fixed and adjustable optics. Five different technologies to create the best and exclusively precise, uniform and comfortable light distribution.



**Opti Beam Reflector**  
M / F / WF  
for Fixed Optic



**Opti Beam Lens**  
SS - S  
for Fixed Optic  
SS-S-F-WF  
for Adjustable optic



## Light Up Orbit / Earth

### Main Features



**Wall Washer optic**  
with Wall Washer reflector



**Wall Washer optic**  
**Super Comfort**



**Light blade optic**  
with light blade lens



**Diffused light optic**  
With non-slip diffusing glass



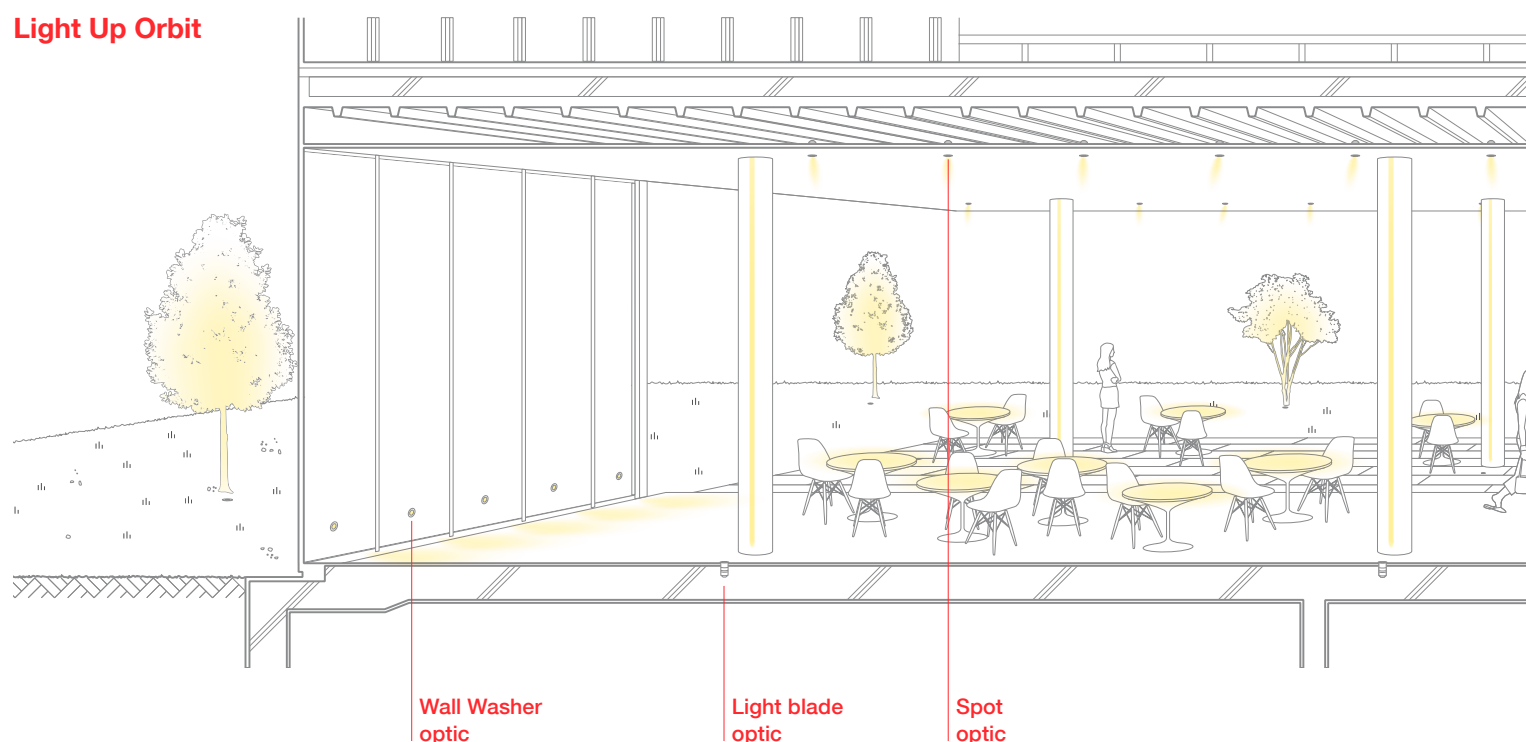
# Multiple optics

Tailored precision and made-to-measure effects.

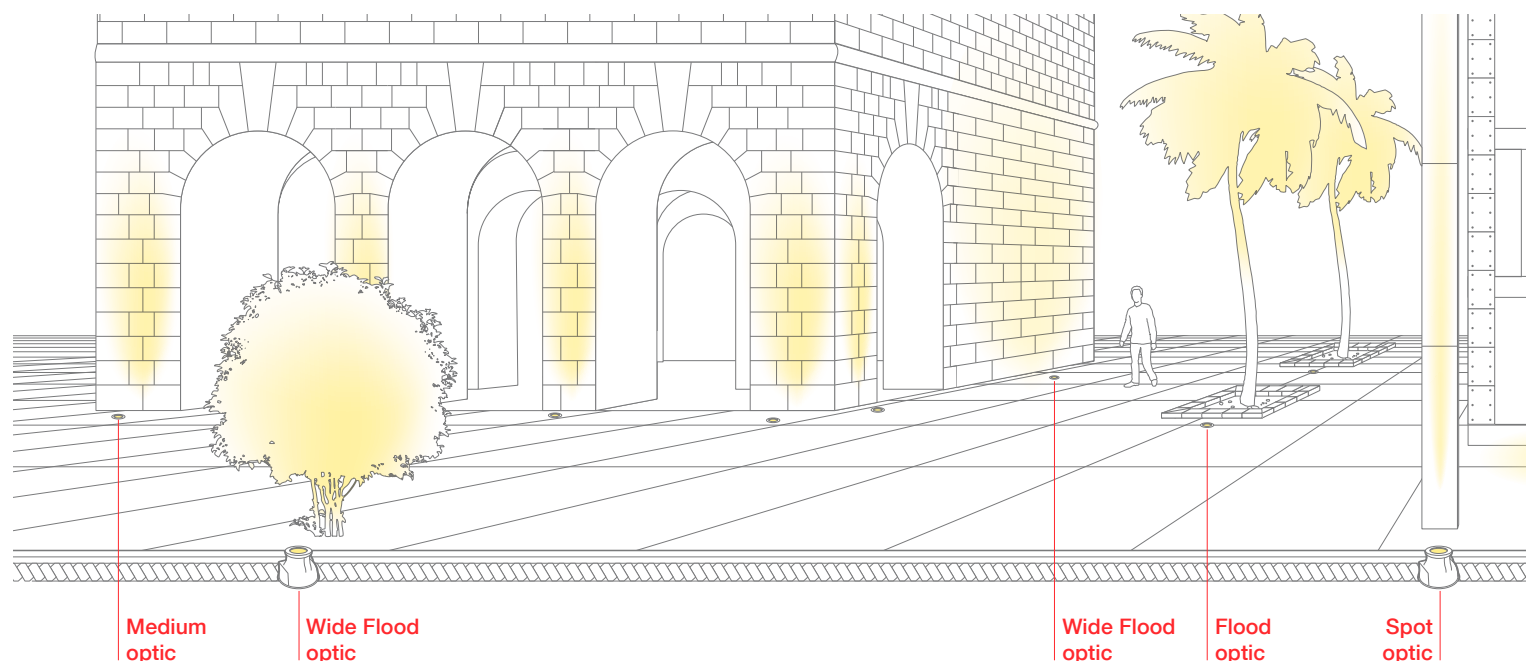
The Light Up collection is specifically designed to be versatile. Designers do not have to ask themselves whether an effect can be created, as anything is possible, in any dimension, application or environment, from residential to urban. Ceiling, wall, floor and ground installations. Concentrated and open distributions

with super spot, spot, medium, flood and elliptical optics. Vertical excellence with wall washer optics. Ultimate visual comfort in versions with diffused light or graphic effects with light blade lenses. Beam adjustability and accessories to construct personalised light scenarios. No limits, only an infinite degree of freedom.

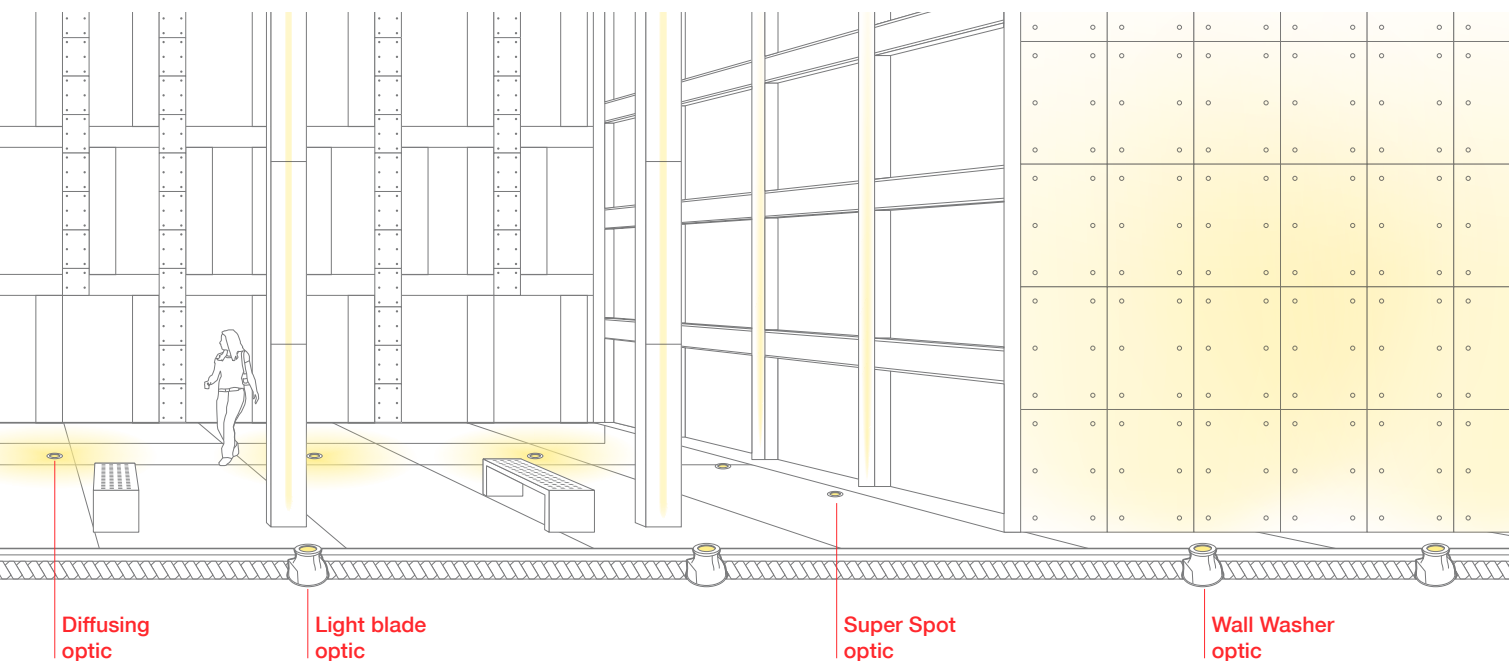
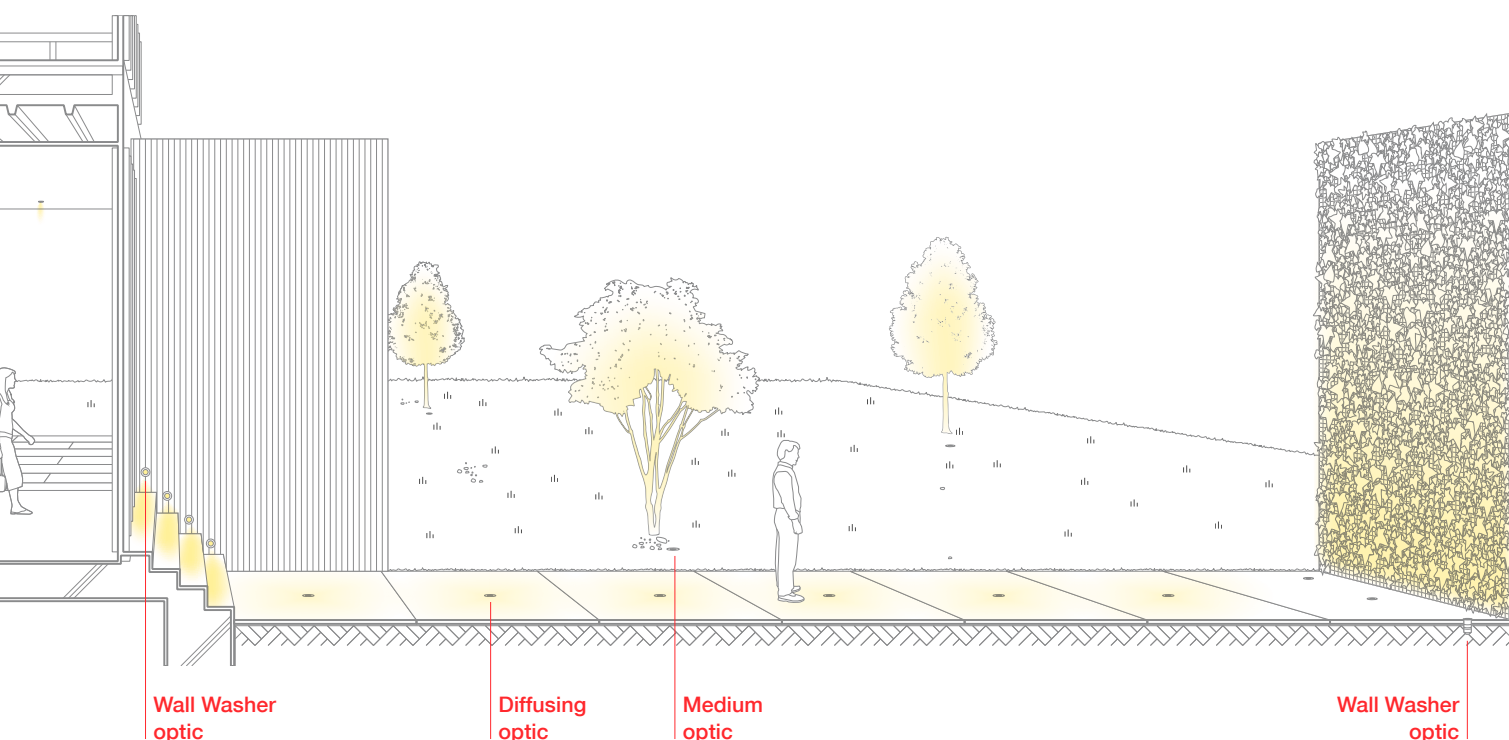
## Light Up Orbit



## Light Up Earth



We start from the effect, transform it into photometry and then design an optic system that can optimise light emission, precision and performance.





Hotel Alhambra  
Mali Losinj, Croatia  
Architectural Project:  
Andrija Rusan, Amira Causevic  
Lighting Project: Dean Skira  
Photographer: Hrvoje Serdar



# Light Up Orbit



# Light Up Orbit

## Reduced to a minimum to offer the maximum.

Technological solidity and application versatility. Light Up Orbit fills the space, recessing into floor, ground, wall and ceiling. Smart light systems that create dynamic, nocturnal scenarios. Five different technologies that offer no less than seven photometric breakdowns with excellent results. Highly focused effects or diffused washes to emphasize architectural or natural features. Reduced to a minimum to offer the maximum. Diffused

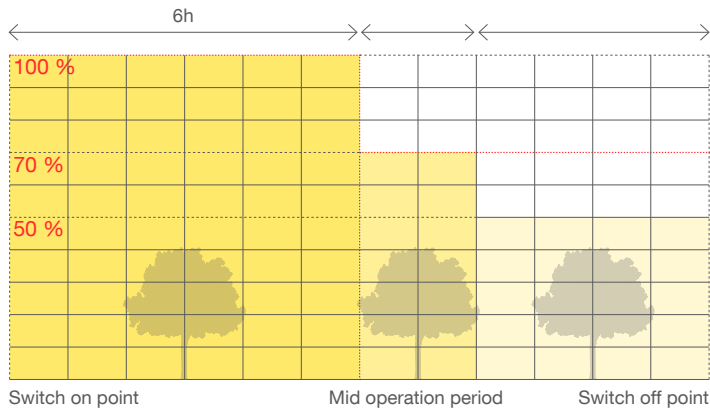
light with a diffuser screen to help make general illumination more comfortable. Vertical or horizontal excellence with a wall washer optic, even in reduced dimensions. Ideal for hospitality and living environments. Mechanical and electronic durability. Reliable even at extreme temperatures. Excellent colour quality and consistency. All in just a few millimetres.

### Smart light systems (middle of the night)

The smart self-learning system uses an algorithm to recognise the mid point of the operation time, Thus allowing to reduce the power and consequently the consumption of the luminaire according to the pre-set profile.

The same power supply also provides DALI and bi-power operation.

(X210 - X211 - X214 - X217)



Light Up Orbit  
Ø 28 mm



Light Up Orbit  
Ø 50 mm



Light Up Orbit  
Ø 80 mm



68 mm



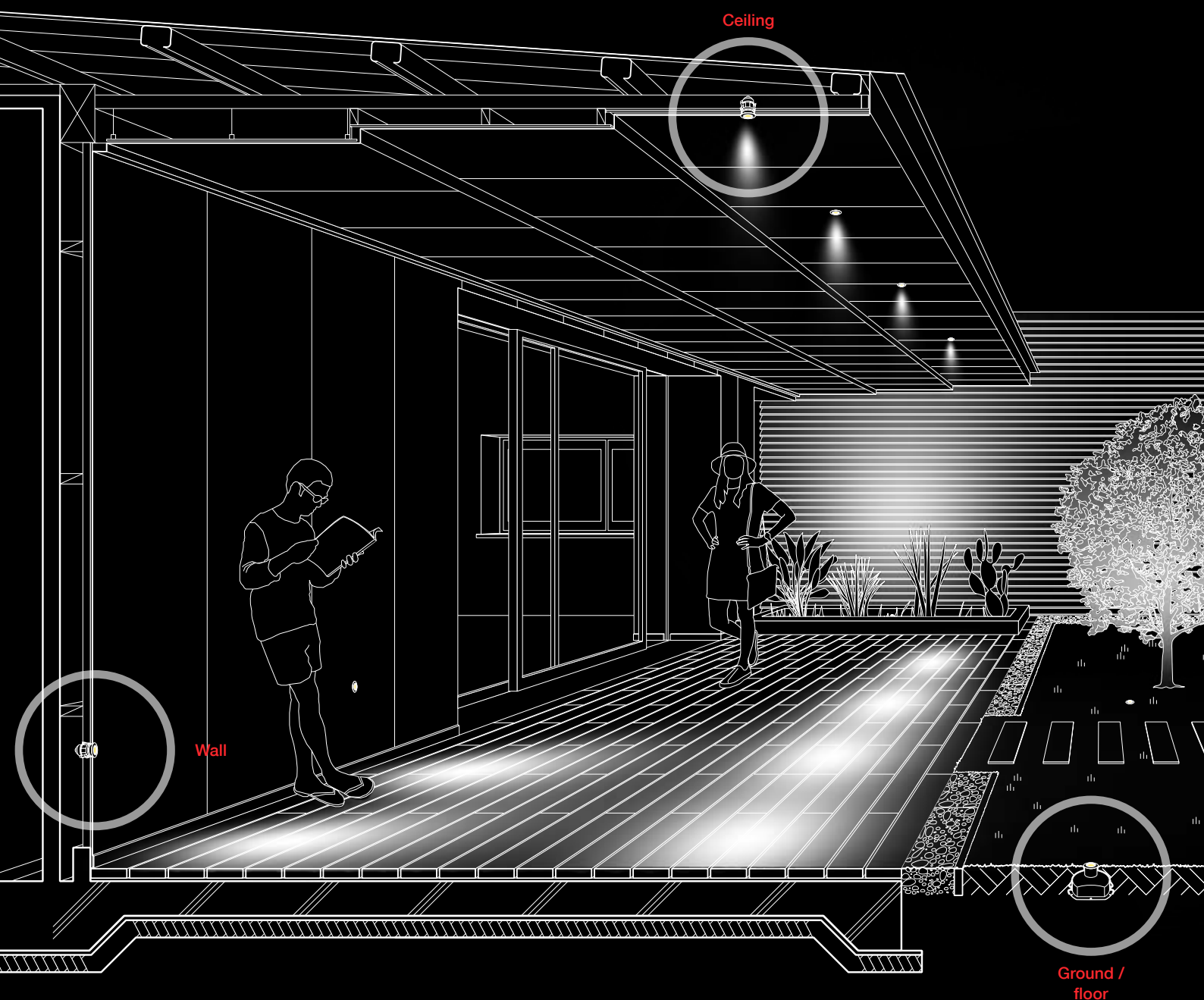
74 mm



83 mm



Small and smart to create dynamic nocturnal scenarios. Ceiling, wall and floor-mounted offering an explosion of optics for an orchestra of light.



# Technologic density

## A Wall Washer smaller than ever before.

Miniaturisation means process, component and form optimisation. The size is reduced, but the optical, mechanical and electronic mechanisms are optimised in order to achieve high precision solutions that are increasingly sophisticated, innovative and technologically advanced. In a diameter of just 50mm we have succeeded in miniaturising the optic system by producing performance levels that are exceptionally high. The wall washer version optical unit is a work of advanced precision: single chip LED technology, a highly reflective

primary lens and a secondary optic with a metallised polycarbonate reflector to distribute light rays on an orthogonal plane. Ultimate uniformity, thanks to a satin-finish screen with elevated separating distances. Ground or ceiling-mounted, the Light Up Orbit Wall Washer accompanies and directs light on a vertical plane, defining borders precisely with no shadow zones or flaws. If wall-mounted, on the other hand, it creates a grazing light on the floor surface.

### Light Up Orbit Wall Washer

Stainless steel frame

Tempered glass with silicone seal

Reflector

Led holder and Lense

Body in stainless steel AISI 304 and silicone seal

Internal anti-transpiration IP68 system





The entire device is encapsulated in just a few centimetres, so the product disappears and light appears on the opposite surface, as if reflected by magic.



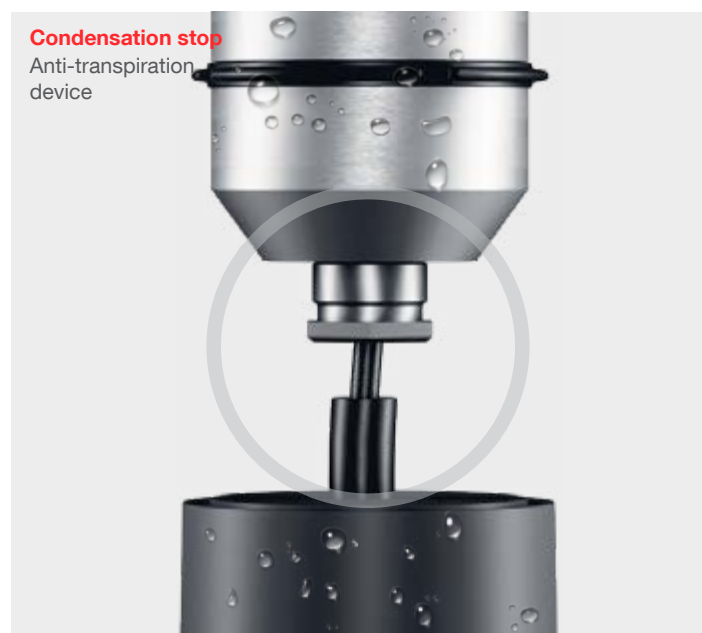
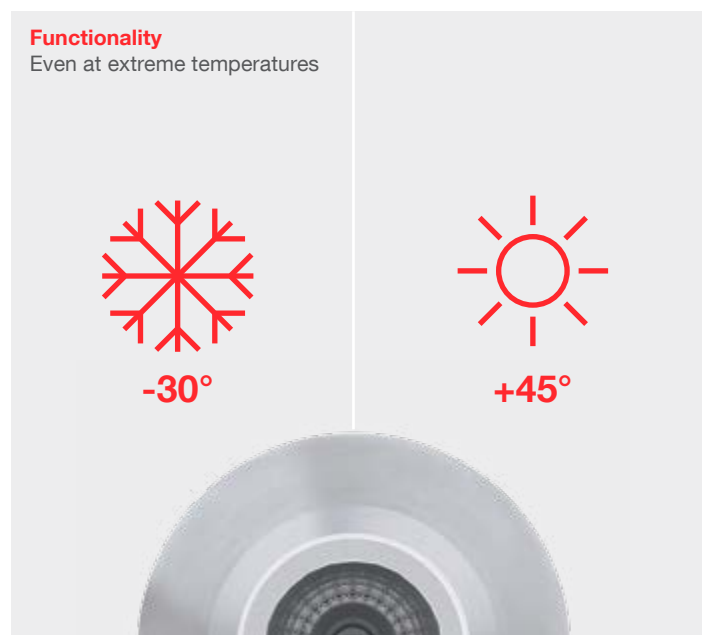
# Long-lasting reliability

## Steel diamond.

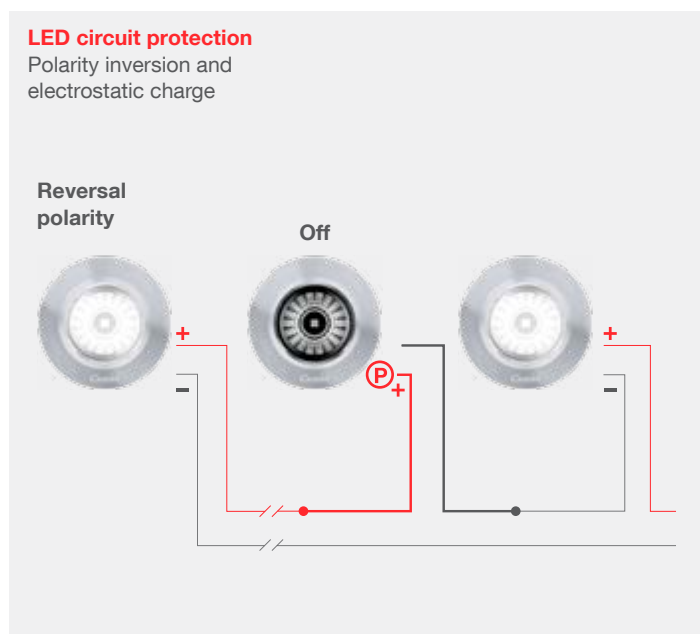
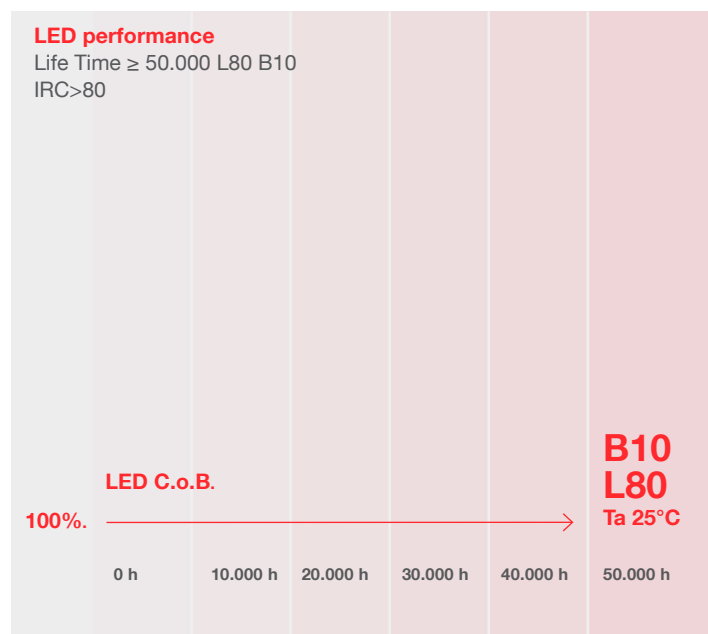
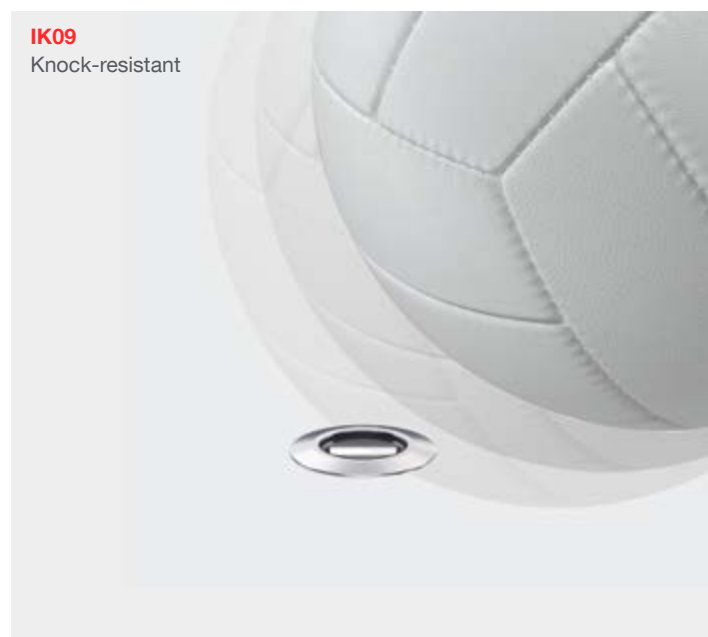
Reliability, strength and safety are the qualities that all the elements in the Light Up collection share. A 304 stainless steel body and frame, High resistance clear tempered glass, knock resistant up to IK09. Patented Opti Beam anti UV lens to maintain flow performance and colour consistency over time. Seals between the glass and lens to guarantee maximum product protection with an IP68\* rating even in the event of floods. Last but not least,

an anti transpiration cable to combat any pump effects and eliminate condensation. The internal LED circuit is protected by polarity inversion to ensure that the current runs constantly through the products in the system. Resistance to static and vehicular vertical load up to 2000kg, according to EN 60598-2-12. The body and driver operate even in extreme temperatures so there are no installation limits, geographical or otherwise.

\* complete immersion for limited periods, not suitable for use in swimming pools or fountains.



Small and strong. Reliability, strength and safety with no limits, from the pole to the equator.







Estonian National Museum - Tartu, Estonia  
Architectural design: DGT, Dorell Ghotmeh  
Tane ARCHITECTS  
Lighting design: Atelier Hervé Audibert  
Photos: Takuji Shimmura



# Light Up Earth





# Light Up Earth

Freedom of expression on an urban scale.

Continuous innovation. Light Up Earth extends the performance of Light Up Orbit to floor and ground applications. Five different technologies offer no less than seven photometric breakdowns with excellent results. Highly focused effects or diffused washes emphasize architectural or natural features. Diffused light with a diffuser screen help make general illumination more comfortable. Vertical excellence with a wall washer optic that can be

super comfort too. Plus double adjustment options that aim the light precisely without having to open the product, so its seal is kept intact and there is no risk of condensation. Built-in ballast (in the fixed versions the driver is positioned inside the body). Ideal for urban environment applications designed to enhance architecture or landscapes. Mechanical and electronic durability that is weather and static/dynamic load resistant.

DALI

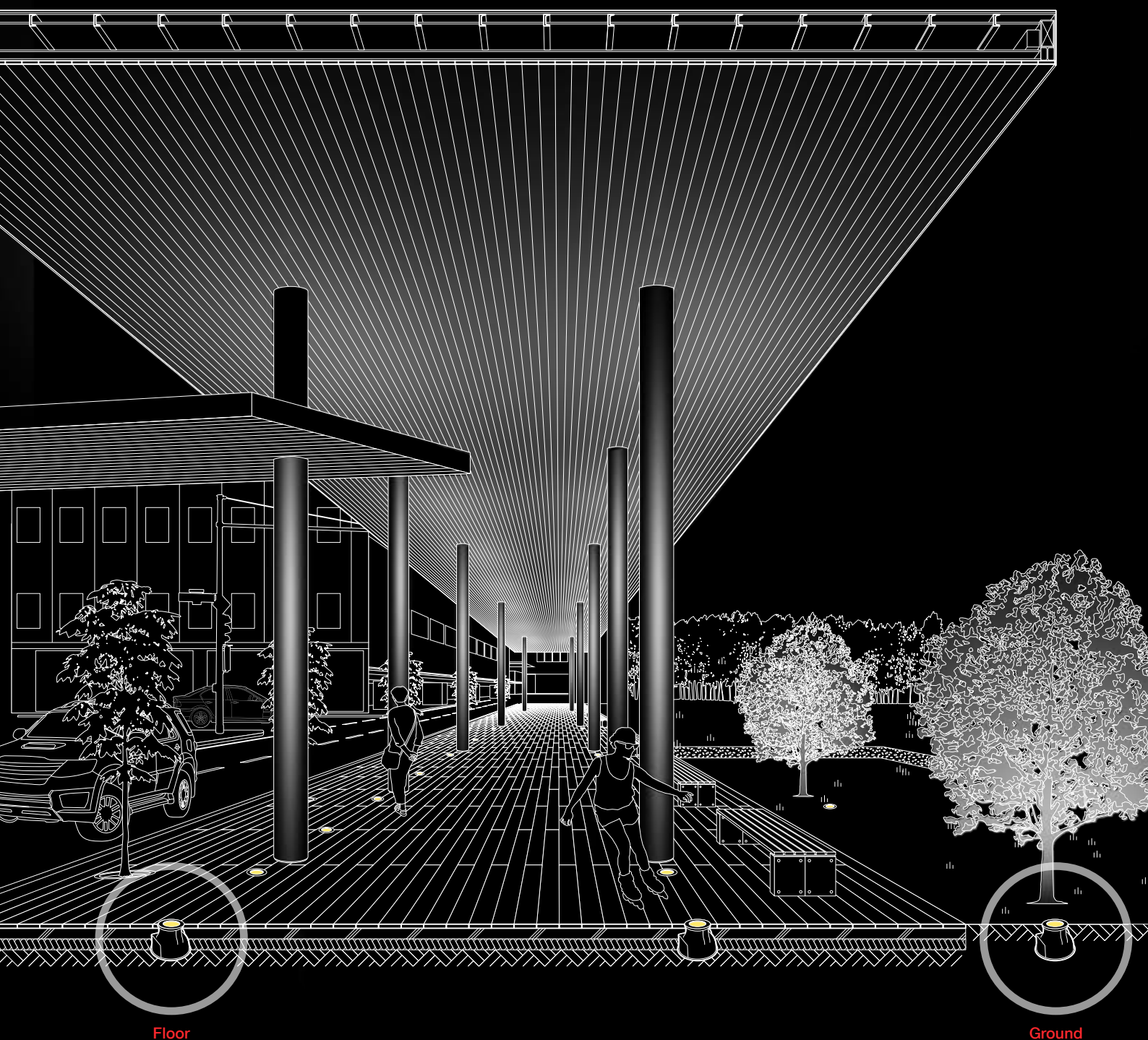
Light Up Earth  
Ø 144 mm

Light Up Earth  
Ø 200 mm

Light Up Earth  
Ø 250 mm



Seven light distributions that multiply thanks to optic accessories and double adjustment options. Super comfort versions to eliminate stray light.



Floor

Ground

# Liberty in safety

## Twist & Tilt, double external adjustment.

This adjustable version gives light all the freedom it needs to express itself. Light Up Earth adds to the collection a highly innovative adjustable version that offers both high performance and reliability. The rotation mechanism is external and therefore allows the product to be adjusted without opening it, Which maintains the IP68 rating over time. The double rotation adjustment consists of two movements, one that tilts the product vertically and the other that rotates it horizontally. Both of these are required to position the device in total freedom with regard to the

context. This is because there may be installation limits or the design conditions may vary over time, making it difficult to aim or alter the beam to achieve the required result. Thanks to the double adjustment mechanism, spatial limits are a thing of the past, and light emission can be adapted to satisfy any context, requirement or form. For any rotation angle, the light beam is always perfectly defined, without ever intercepting the frame. This is an exclusive and patented innovation.

### Twist & Tilt

Thanks to the double adjustment feature, installation no longer depends on the objects to be lit. Tilting adapts the beam to different heights, while rotating it, aims it at  $\pm 90^\circ$ , to reach objects that are positioned on the same horizontal plane.



Patent Pending  
102016000006926

A patented innovation with double lens positioning feature and external optic adjustment so the product remains sealed and there is no risk of condensation.



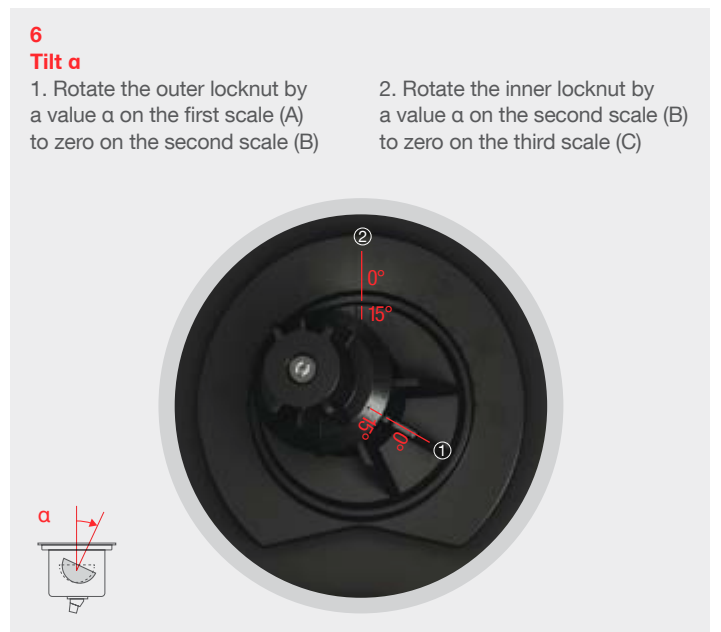
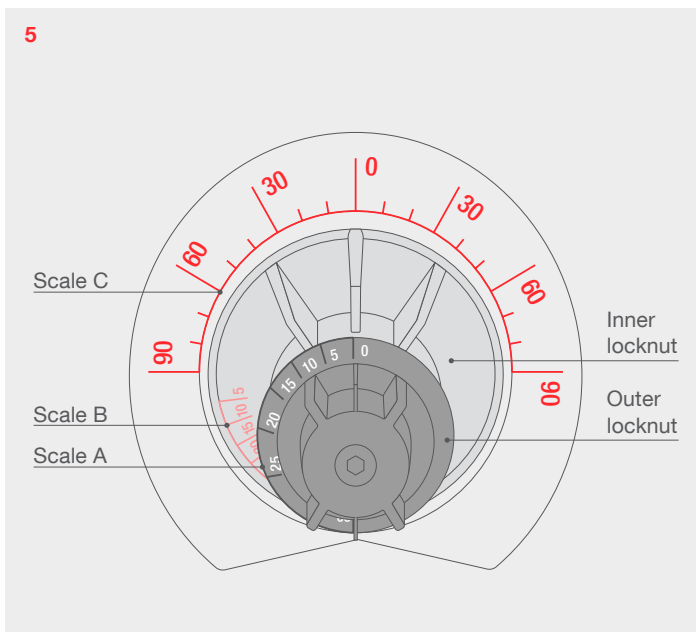
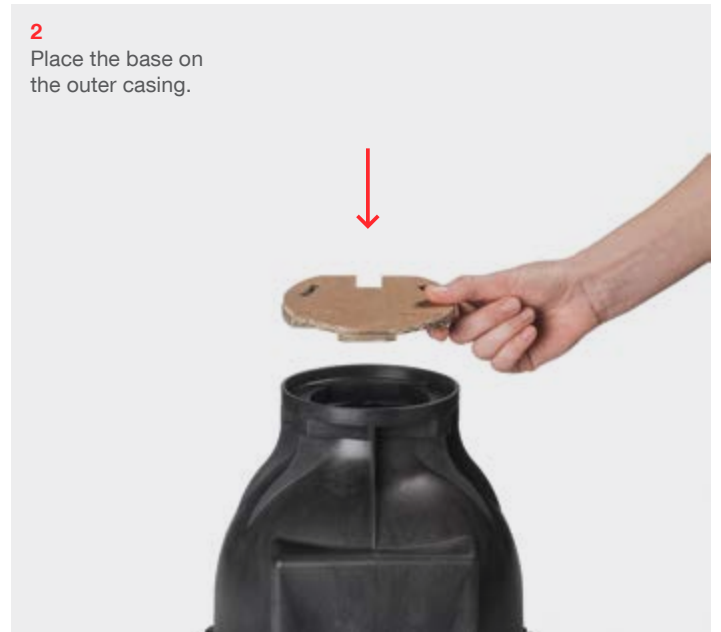
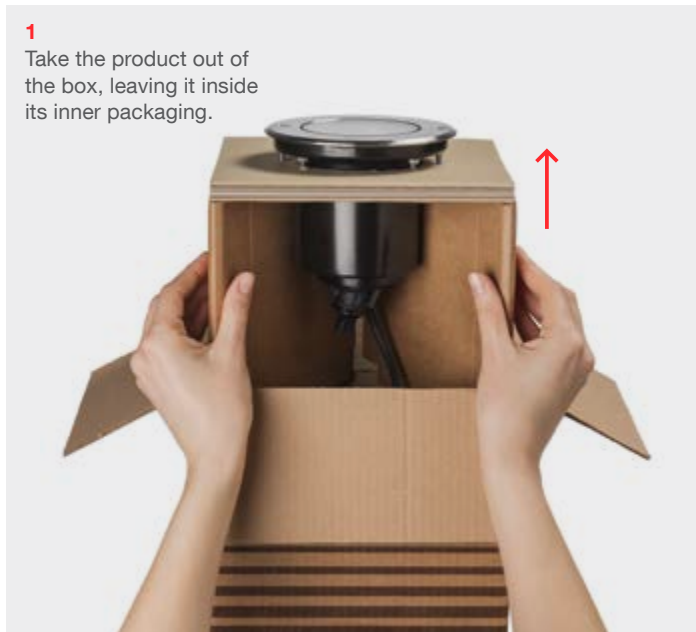


# Liberty in safety

From orientation to installation,  
precision and simplicity.

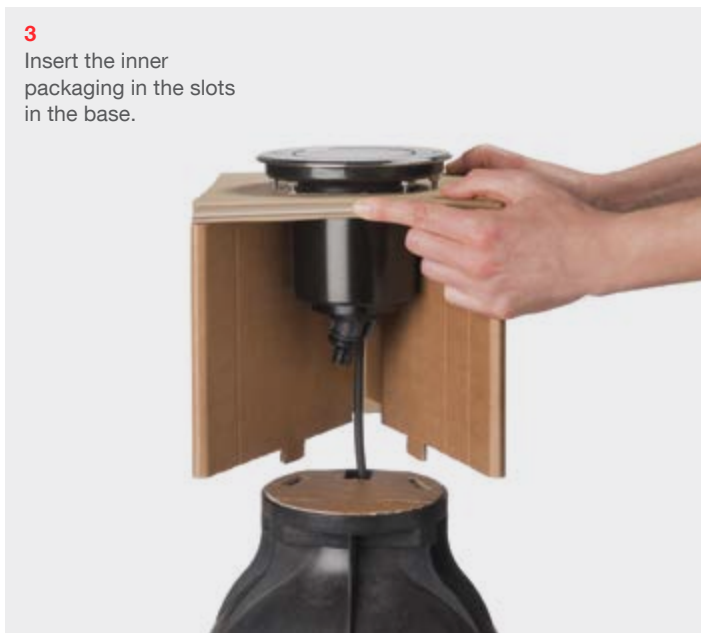
We have always made user-friendliness a priority to ensure that designers and installers can reproduce project requirements exactly. This is why we have designed a special packaging box that doubles as a useful and practical aiming system. By resting a base on the outer casing the semi-packaged product can be mounted on it in order to set aiming positions (see Fig.1-4). The tilt ( $\alpha$ ) and rotation ( $\gamma$ ) movements (see Fig.5) are guided by three graduated scales A, B, C (see Fig.6). The device is tilted  $\alpha$  by turning two locknuts, inner and outer (see Fig.7),

and rotated  $\gamma$  by simply turning the inner locknut. The three graduated scales A, B, C ensure that aiming is both easy and safe. Having completed the aiming process the packaging can be cut away and removed along with the base. At this point the product is precisely aimed and ready to be installed in the outer casing with the adjustment degrees established in the design phase set perfectly (see Fig.7). A simple system to guarantee easy, precise aiming and an example of sustainable design excellence.



Simple, recyclable and useful: the packaging box becomes an innovative instrument to orientate precisely the beam thanks to an external rotational mechanism.

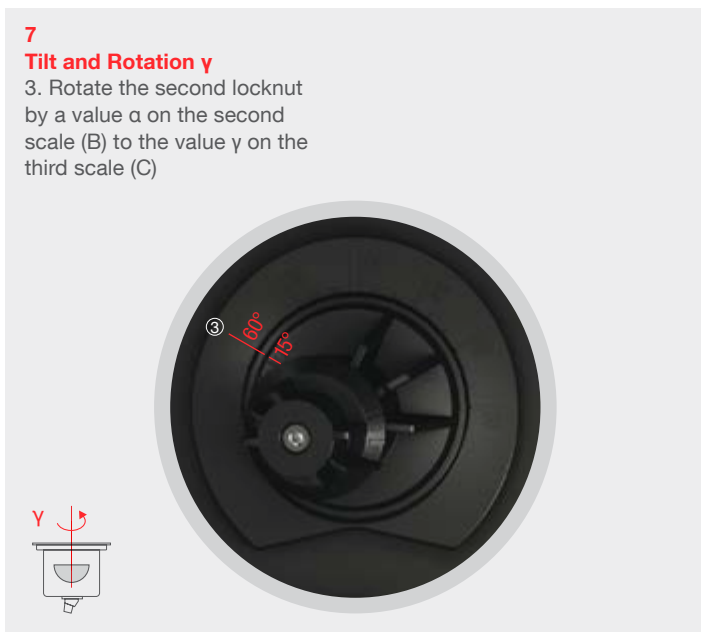
- 3**  
Insert the inner packaging in the slots in the base.



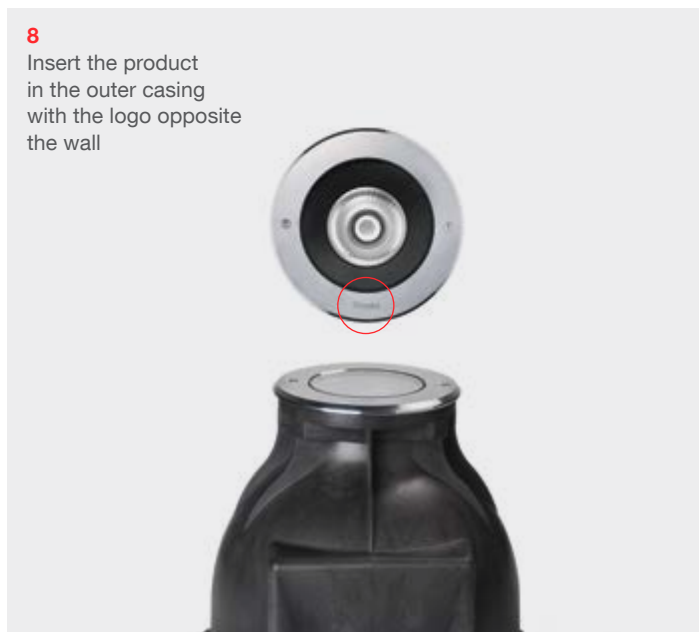
- 4**  
Aim the product.  
Tilt  $\alpha \pm 30^\circ$   
Rotation  $\gamma \pm 90^\circ$



- 7**  
**Tilt and Rotation  $\gamma$**   
3. Rotate the second locknut by a value  $\alpha$  on the second scale (B) to the value  $\gamma$  on the third scale (C)



- 8**  
Insert the product in the outer casing with the logo opposite the wall



# Vertical excellence

The Wall Washer splits in two.

We are never satisfied by creating an effect, we carefully research all its eventual applications. Light Up Earth offers two Wall Washer optics that meet a wide range of requirements. The High Output Wall Washer optic has all the features of our traditional Wall Washer systems that stand out for their pure vertical excellence. Walls are lit from the highest to the lowest point with no shadow cones and maximum uniformity and lighting power. The Super

Comfort Wall Washer optic, on the other hand, is designed for applications where luminaires are close up and need to be child resistant. In addition to guaranteeing correct vertical lighting, these lamps are also completely screened on the outside to eliminate any risk of glare. Thanks to this innovative version the concept of invisible light can now be applied to outdoor contexts too. We give added value to space and the people who live in it.

**Wall Washer**



**Wall Washer  
Super Comfort**





Vertical excellence and absolute visual comfort.  
We go beyond simple light effects to design  
the space and the life that goes on around it.

**Wall Washer**  
Light Up Earth  
Ø 250 mm  
2200 lm 19 W

100 cm

150 cm

**Wall Washer  
Super Comfort**  
Light Up Earth  
Ø 250 mm  
2200 lm 19 W

100 cm

150 cm

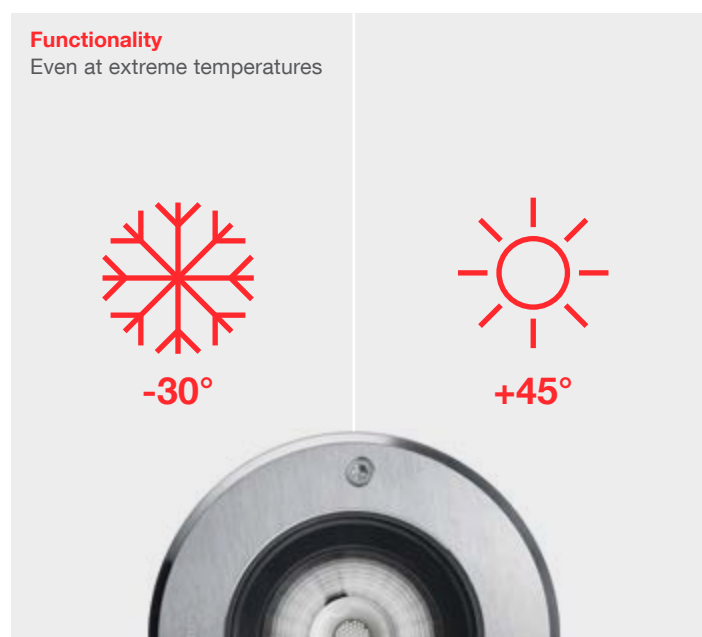
# Long-lasting reliability

## Quality only exists if it lasts.

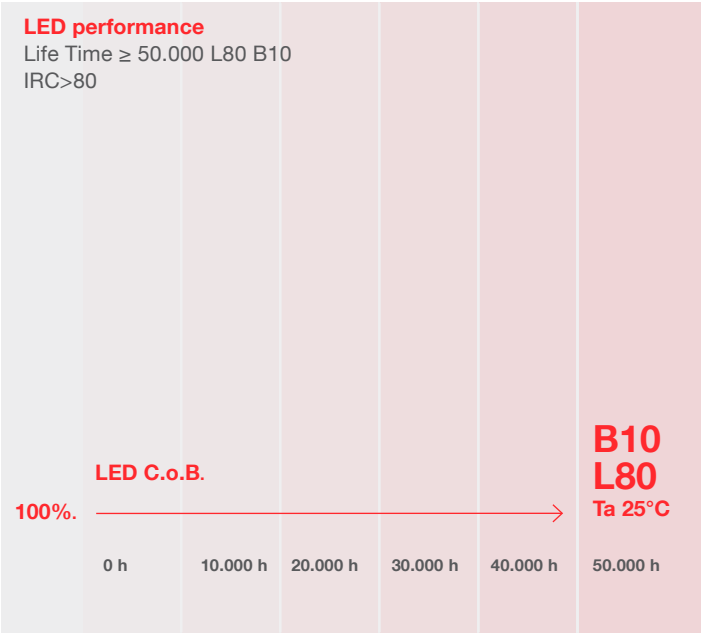
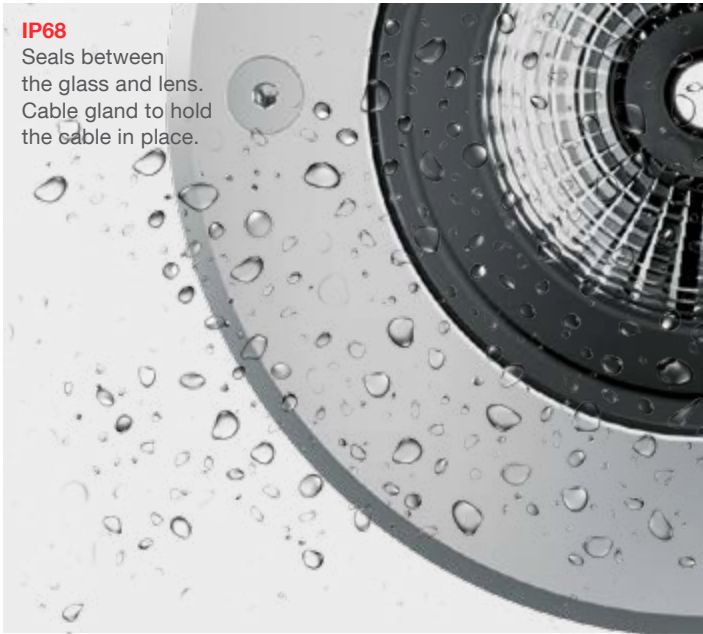
Reliability, strength and safety are the qualities that all the elements in the Light Up collection share. A 304 stainless steel body and frame with anti-vandalism securing screws and high resistance tempered glass that is knock resistant up to IK10. Patented Opti Beam anti UV lens and an innovative dissipation system to maintain flow performance and colour consistency over time. Seals between the glass and lens to guarantee maximum

product protection with an IP68\* rating. Last but not least, an anti transpiration cable to combat any pump effect and eliminate condensation. Anti-slip glass for the diffusing optic, resistance to torque and sheer loads up to 5000kg, according to the EN 60598-2-13. The body and driver operate even in extreme temperatures guaranteeing unaltered operation at any latitude.

\* complete immersion for limited periods, not suitable for use in swimming pools or fountains.



Elephant proof, on the ground or on the floor.  
Thought, designed, and created to be  
reliable and secure



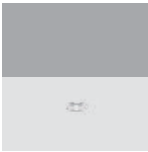




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Lamp	W	lm	Optic	Code	Colour
LED	4000K - CRI 80				
	1W	110	10°	E070	13
	1W	110	24°	E071	13
	3000K - CRI 80				
	1W	100	10°	E068	13
	1W	100	24°	E069	13
	2700K - CRI 80				
	1W	95	10°	E066	13
	10W	95	24°	E067	13
	350mA ballast to be ordered separately				



Lamp	W	lm	Optic	Code	Colour
LED	Diffusing glass				
	4000K - CRI 80				
	1W	110	D	E074	13
	3000K - CRI 80				
	1W	100	D	E073	13
	2700K - CRI 80				
	1W	95	D	E072	13
	350mA ballast to be ordered separately				

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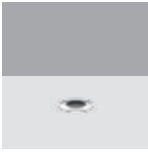
Lamp	W	lm	Optic	Code	Colour
LED	4000K - CRI 80				
	2W	220	6°	E081	13
	3,8W	490	24°	E082	13
	3,8W	490	42°	E083	13
	3000K - CRI 80				
	2W	195	6°	E078	13
	3,8W	425	24°	E079	13
	3,8W	425	42°	E080	13
	2700K - CRI 80				
	2W	185	6°	E075	13
	3,8W	400	24°	E076	13
	3,8W	400	42°	E077	13
	350mA ballast to be ordered separately.				
	E075 - E078 - E081: 350/500/700mA ballast				
	to be ordered separately.				



Lamp	W	lm	Optic	Code	Colour
LED	Diffusing glass				
	4000K - CRI 80				
	2W	210	D	E089	13
	3000K - CRI 80				
	2W	190	D	E088	13
	2700K - CRI 80				
	2W	180	D	E087	13
	350/500/700mA ballast to be ordered separately				



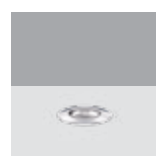
Lamp	W	lm	Optic	Code	Colour
LED	4000K - CRI 80				
	1W	120	L	E092	13
	3000K - CRI 80				
	1W	110	L	E091	13
	2700K - CRI 80				
	1W	100	L	E090	13
	350mA ballast to be ordered separately				



Lamp	W	lm	Optic	Code	Colour
LED	4000K - CRI 80				
	1W	120	WW	E086	13
	3000K - CRI 80				
	1W	110	WW	E085	13
	2700K - CRI 80				
	1W	100	WW	E084	13
	350mA ballast to be ordered separately				

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Lamp	W	lm	Optic	Code	Colour
LED	4000K - CRI 80				
	5,5W	665	8°	E099	13
	5,5W	650	36°	E100	13
	5,5W	650	54°	E101	13
	3000K - CRI 80				
	5,5W	580	8°	E096	13
	5,5W	565	36°	E097	13
	5,5W	565	54°	E098	13
	2700K - CRI 80				
	5,5W	540	8°	E093	13
	5,5W	530	36°	E094	13
	5,5W	530	54°	E095	13
350/500mA ballast to be ordered separately					



Lamp	W	lm	Optic	Code	Colour
LED	Diffusing glass				
	4000K - CRI 80				
	5,4W	640	D	E107	13
	3000K - CRI 80				
	5,4W	560	D	E106	13
	2700K - CRI 80				
	5,4W	520	D	E105	13
	350/500mA ballast to be ordered separately				



Lamp	W	lm	Optic	Code	Colour
LED	4000K - CRI 80				
	4,2W	480	L	E110	13
	3000K - CRI 80				
	4,2W	430	L	E109	13
	2700K - CRI 80				
	4,2W	410	L	E108	13
	350/500mA ballast to be ordered separately				



Lamp	W	lm	Optic	Code	Colour
LED	4000K - CRI 80				
	4,2W	480	WW	E104	13
	3000K - CRI 80				
	4,2W	430	WW	E103	13
	2700K - CRI 80				
	4,2W	410	WW	E102	13
	350/500mA ballast to be ordered separately				










#### Accessories and installation systems

	Code	Colour	Code	Colour	Code	Colour
	X190	04	X193	04	X195	04
	X191	04	X193	04 only for walls	X195	04 only for walls
	X192	00	X194	00	X196	00 only for walls and raised floors
	9583	00	9583	00	9583	00

#### Outer casing measurements

X190	X191	X193	X195

Components	Code	Colour
 <p>Electronic ballast 7W - IP20 <math>V_{IN}=100\div240Vac / 50\div60Hz</math> <math>I_{OUT}=350/500mA</math> - <math>V_{OUT}=24Vdc</math> dim. 42x40x22h Suitable for 1÷6 LEDs</p>	9905	00
 <p>Electronic ballast 19 - 20W max. - IP20 <math>V_{IN}=220\div240Vac / 50\div60Hz</math> <math>I_{OUT}=350/500/700mA</math> <math>V_{OUT}=27\div54Vdc</math> dim. 52x110x22h Suitable for 1÷16 LEDs  The current value to be selected for the LED circuit is indicated on the label attached to the product power cable</p>	X020	00
 <p>DALI dimmable ballast- 15/20W max - IP20 <math>V_{IN}=220\div240Vac</math> <math>110\div127Vac / 50\div60Hz</math> <math>I_{OUT}=350/500/700mA</math> <math>V_{OUT}=28\div43Vdc</math> dim. 52x110x22h Suitable for 1÷12 LEDs</p>	X090	00
 <p>Electronic ballast DALI / STEP-DIM ASTRO-DIM / MIDNIGHT PROFILE - 40W max - IP20 <math>V_{IN}=120\div277Vac / 50\div60Hz</math> <math>I_{OUT}=350mA</math> - <math>V_{OUT}=18\div56Vdc</math> dim. 79x123x33h Suitable for 6÷18 LEDs</p>	X210	00
 <p>Electronic ballast DALI / STEP-DIM ASTRO-DIM / MIDNIGHT PROFILE - 40W max - IP20 <math>V_{IN}=120\div277Vac / 50\div60Hz</math> <math>I_{OUT}=550mA</math> - <math>V_{OUT}=18\div56Vdc</math> dim. 79x123x33h Suitable for 6÷18 LEDs</p>	X214	00
 <p>Electronic ballast DALI / STEP-DIM ASTRO-DIM / MIDNIGHT PROFILE - 60W max - IP20 <math>V_{IN}=120\div277Vac / 50\div60Hz</math> <math>I_{OUT}=350mA</math> - <math>V_{OUT}=18\div56Vdc</math> dim. 77x133x39h Suitable for 12÷36 LEDs</p>	X211	X210
 <p>Electronic ballast DALI / STEP-DIM ASTRO-DIM / MIDNIGHT PROFILE - 60W max - IP20 <math>V_{IN}=120\div277Vac / 50\div60Hz</math> <math>I_{OUT}=500mA</math> - <math>V_{OUT}=18\div56Vdc</math> dim. 77x133x39h Suitable for 12÷36 LEDs</p>	X217	00

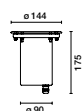
Components	Code	Colour
 <p>IP68 electronic ballast with a constant current 350mA - 15 W (0÷15W) Class II <math>V_{IN}=90\div264Vac / 50\div60Hz</math> <math>I_{OUT}=350mA</math> - <math>V_{OUT}=47 Vdc</math> (SELV) dim. 90x180x60h</p>	X212	00
 <p>IP68 electronic ballast with a constant current 350mA - 25 W (0÷25W) Class II <math>V_{IN}=100\div264Vac / 50\div60Hz</math> <math>I_{OUT}=350mA</math> - <math>V_{OUT}=74 Vdc</math> (SELV) dim. 90x180x60h</p>	X213	00
 <p>IP68 electronic ballast with a constant current 500mA - 24 W (0÷24W) - Class II <math>V_{IN}=100\div264Vac / 50\div60Hz</math> <math>I_{OUT}=500mA</math> - <math>V_{OUT}=47 Vdc</math> (SELV) dim. 90x180x60h</p>	X215	00
 <p>IP68 electronic ballast with a constant current 500mA - 35 W (0÷35W) Class II <math>V_{IN}=100\div264Vac / 50\div60Hz</math> <math>I_{OUT}=500mA</math> - <math>V_{OUT}=72 Vdc</math> (SELV) dim. 90x180x60h</p>	X216	00
 <p>Box for ballasts IP67 dim. 140x230x95h</p>	9582	00
 <p>IP68 junction connector with no ballast dim. 135x82x70h</p>	B915	04
 <p>IP68 2-way junction connector Up to 2 cables with connectors can be wired up at output</p>	X188	04
 <p>Watertight connector kit IP68</p>	9581	04



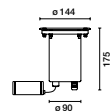


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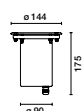
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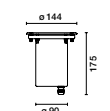
Lamp	W	lm	Optic	Code	Colour
LED	<b>Fixed optic</b>				
	4000K - CRI 80				
	6,6W	750	10°	E115	13
	8,3W	1350	18°	E116	13
	8,3W	1350	32°	E117	13
	8,3W	1350	56°	E118	13
	3000K - CRI 80				
	6,6W	650	10°	E111	13
	8,3W	1300	18°	E112	13
	8,3W	1300	32°	E113	13
	8,3W	1300	56°	E114	13
Opti Beam Reflector E111 - E115 - Opti Beam Lens					



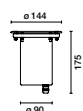
Lamp	W	lm	Optic	Code	Colour
LED	<b>Fixed optic - DALI</b>				
	4000K - CRI 80 - DALI				
	• 6,1W	720	10°	E292	13
	• 8,3W	1350	18°	BW00	13
	• 8,3W	1350	32°	BW02	13
	• 8,3W	1350	56°	BW04	13
	3000K - CRI 80 - DALI				
	• 6,1W	620	10°	E293	13
	• 8,3W	1300	18°	BW01	13
	• 8,3W	1300	32°	BW03	13
	• 8,3W	1300	56°	BW05	13
Opti Beam Reflector E292 - E293 - Opti Beam Lens					



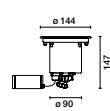
Lamp	W	lm	Optic	Code	Colour
LED	<b>Fixed optic - Anti-slip glass</b>				
	4000K - CRI 80				
	6,7W	750	D	E122	13
	3000K - CRI 80				
	6,7W	650	D	E121	13



Lamp	W	lm	Optic	Code	Colour
LED	<b>Fixed optic - DALI</b>				
	4000K - CRI 80				
	9,6W	1100	WW	E120	13
	3000K - CRI 80				
	9,6W	1000	WW	E119	13
	<b>Super Comfort</b>				
	• 4000K - CRI 80 - On/Off - Classe II				
	9,6W	1100	WW	BV84	13
	• 3000K - CRI 80 - On/Off - Classe II				
	9,6W	1000	WW	BV85	13

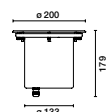
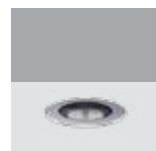


Lamp	W	lm	Optic	Code	Colour
LED	4000K - CRI 80				
	5W	550	L	E124	13
	3000K - CRI 80				
	5W	500	L	E123	13

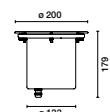


Lamp	W	lm	Optic	Code	Colour
LED	4000K - CRI 80 - DALI				
	6,1W	740	10°	E126	13
	3000K - CRI 80 - DALI				
	6,1W	630	10°	E125	13
Opti Beam Lens					

ø 200



Lamp	W	lm	Optic	Code	Colour
LED	<b>Fixed optic</b>				
	4000K - CRI 80 - DALI				
	7,9W	880	8°	E132	13
	12W	1700	12°	E133	13
	12W	1850	20°	E134	13
	12W	1850	30°	E135	13
	12W	1850	40°	E136	13
	3000K - CRI 80 - DALI				
	7,9W	760	8°	E127	13
	12W	1650	12°	E128	13
	12W	1800	20°	E129	13
	12W	1800	30°	E130	13
	12W	1800	40°	E131	13
Opti Beam Reflector E127 - E128 - E132 - E133 - Opti Beam Lens					

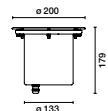


Lamp	W	lm	Optic	Code	Colour
LED	<b>Anti-slip glass</b>				
	4000K - CRI 80 - DALI				
	12W	1700	D	E140	13
	3000K - CRI 80 - DALI				
	12W	1650	D	E139	13

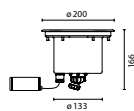


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Lamp	W	lm	Optic	Code	Colour
LED	<b>Fixed optic</b>				
	4000K - CRI 80 - DALI				
	14W	1600	WW	E138	13
	3000K - CRI 80 - DALI				
	14W	1450	WW	E137	13
	<b>Super Comfort</b>				
	• 4000K - CRI 80 - DALI				
	14W	1600	WW	BV86	13
	• 3000K - CRI 80 - DALI				
	14W	1450	WW	BV87	13

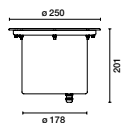


Lamp	W	lm	Optic	Code	Colour
LED	<b>Adjustable optic</b>				
	4000K - CRI 80 - DALI				
	8W	850	6°	E145	13
	12W	1500	12°	E146	13
	12W	1500	26°	E147	13
	12W	1500	46°	E148	13
	3000K - CRI 80 - DALI				
	8W	740	6°	E141	13
	12W	1450	12°	E142	13
	12W	1450	26°	E143	13
	12W	1450	45°	E144	13

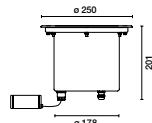
Opti Beam Lens

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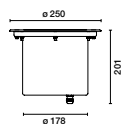


Lamp	W	lm	ottica	Code	Colour
LED	<b>Fixed optic</b>				
	4000K - CRI 80 - DALI				
	7,9W	890	6°	E154	13
	12W	1850	14°	E155	13
	18W	3000	18°	E156	13
	18W	3000	32°	E157	13
	18W	3000	48°	E158	13
	3000K - CRI 80 - DALI				
	7,9W	770	6°	E149	13
	12W	1800	14°	E150	13
	18W	2900	18°	E151	13
	18W	2900	32°	E152	13
	18W	2900	48°	E153	13

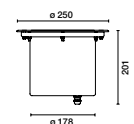
Opti Beam Reflector  
E149 - E150 - E154 - E155 - Opti Beam Lens

Lamp	W	lm	Optic	Code	Colour
LED	<b>Fixed optic</b>				
	4000K - CRI 80 - DALI				
	• 27W	4350	18°	E166	13
	• 27W	4350	32°	E167	13
	• 27W	4350	48°	E168	13
	3000K - CRI 80 - DALI				
	• 27W	4200	18°	E163	13
	• 27W	4200	32°	E164	13
	• 27W	4200	48°	E165	13

Opti Beam Reflector



Lamp	W	lm	Optic	Code	Colour
LED	<b>Fixed optic - Anti-slip glass</b>				
	4000K - CRI 80 - DALI				
	12W	1850	D	E162	13
	3000K - CRI 80 - DALI				
	12W	1800	D	E161	13



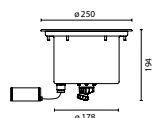
Lamp	W	lm	Optic	Code	Colour
LED	4000K - CRI 80 - DALI				
	19W	2150	WW	E160	13
	3000K - CRI 80 - DALI				
	19W	1950	WW	E159	13
	<b>Super Comfort</b>				
	4000K - CRI 80 - DALI				
	• 19W	2150	WW	BV88	13
	3000K - CRI 80 - DALI				
	• 19W	1950	WW	BV89	13



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Lamp	W	lm	Optic	Code	Colour
LED	<b>Adjustable optic</b>				
	4000K - CRI 80 - DALI				
	7,8W	860	6°	E173	13
	14W	2050	12°	E174	13
	14W	2050	28°	E175	13
	14W	2050	46°	E176	13
	3000K - CRI 80 - DALI				
	7,8W	750	5°	E169	13
	14W	2000	12°	E170	13
	14W	2000	28°	E171	13
	14W	2000	46°	E172	13

Opti Beam Lens



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250

Opti Beam Reflector optic accessories	Code	Colour	Code	Colour	Code	Colour
	X199	24	X205	24	X202	24
	for E112-E113-E114 E116-E117-E118 BW00-BW01-BW02 BW03-BW04-BW05		for E129-E130-E131 E134-E135-E136		for E151-E152-E153 E156-E157-E158-E163 E164-E165-E166-E167 E168	
	X200	65	X206	65	X207	65
	for E112-E113-E114 E116-E117-E118 BW00-BW01-BW02 BW03-BW04-BW05		for E129-E130-E131 E134-E135-E136		for E151-E152-E153 E156-E157-E158-E163 E164-E165-E166-E167 E168	
	x198	04	X204	04	X201	04
	for E112-E113-E114 E116-E117-E118 BW00-BW01-BW02 BW03-BW04-BW05		for E129-E130-E131 E134-E135-E136		for E151-E152-E153 E156-E157-E158-E163 E164-E165-E166-E167 E168	

Componentes	Code	Colour
IP68 junction connector with no ballast dim. 135x82x70h	B915	04
IP68 2-way junction connector Up to 1 product can be wired up at output	X188	04
IP68 4-way junction connector Up to 3 products can be wired up at output	X189	04
Watertight connector kit IP68	9581	04

Opti Beam Lens optic accessories	Code	Colour	Code	Colour	Code	Colour
			X240	24	X202	24
			for E127-E128 E132-E133		for E149-E150 E154-E155	
			X241	65	X207	65
			for E127-E128 E132-E133		for E149-E150 E154-E155	
			X242	04	X201	04
			for E127-E128 E132-E133		for E149-E150 E154-E155	

Opti Beam Lens optic accessories	Code	Colour	Code	Colour	Code	Colour
Plastic casing for installation on floors + end cap	X197	04	X203	04	X209	04
Suction cup	B916	00	B916	00	B916	00

Outer casing measurements		
X197	X203	X209

The data refers to the lamp's luminous flux. The system values are available in the "Code/page reference" supplement at the back of the catalogue. Technical information may vary on account of technological progress, so please consult iguzzini.com for continuous updates.

## Conditions of Sale

### General Conditions

iGuzzini reserves the right to discontinue any products from its collection at any time and without prior notice, without prejudice to the essential characteristics of the models described, to make technical and photometric changes and to change parts, details or finishes as it sees fit for the purpose of improvement or to meet construction and commercial needs. Goods are shipped at the customer's risk, even if sold "free domicile". Any exportation of goods purchased must be authorised in advance in writing by iGuzzini. The pole + products combinations presented in the catalogue are approximate, in particular with reference to the wind load stability test, which must be carried out and adapted, on each occasion, depending on the features of

the place. The provisions in force must also be taken into account. For installation methods, refer only to the conditions described in the instruction leaflet contained in the product packaging and/or available on the website: [www.iguzzini.com](http://www.iguzzini.com). The information provided is approximate and is not binding. iGuzzini reserves the right to delete, amend and/or correct the information herein, according to the development of regulations and/or technical and/or technological developments. In any case, iGuzzini will do everything possible to ensure that all information herein is correct and up-to-date at the time the catalogue goes to press, although it shall not be liable in any cases where, despite the checks carried out, there are errors and/or mistakes due to

changes in regulations and/or technology, due to the use of software other than that used by iGuzzini and/or due to causes which are outside of iGuzzini's control.

For information and updates about the compatibility of lamps available for the luminaires present in this text, consult the instruction leaflets accessible in the download area of the electronic catalogue [www.iguzzini.com](http://www.iguzzini.com)

These conditions are valid from dal 01.01.2017.

### Safety seals

To guarantee operation and safety, public bodies have set specific standards, which protect the end user against risks. In line with its quality and safety policy, iGuzzini illuminazione makes its products in compliance with said standards. Non-electric components of the systems (covers, couplings, etc.) cannot be considered luminaires, therefore they are not covered by the standards used as the basis for

certification by quality seal institutes. However, for all certified system components, compatibility and safe use have been tested by the Institutes. The luminaires in the iGuzzini collection are designed in conformity with European Standards EN 60598-1 and special requirements, therefore they meet said requirements, including maximum temperatures allowed, considering 25°C

as the ambient temperature. For countries or application environments with thermal or microclimatic references other than those envisaged (e.g.: swimming pools, environments with the risk of explosion, etc.) please contact the company. For correct installation of the luminaires always consult the instruction leaflet supplied with the product.

### Warranty

iGuzzini guarantees that its products are free from manufacturing and/or material defects, for normal intended use, for a period of five years from the date of the invoice, subject to online registration at the website [www.iguzzini.com](http://www.iguzzini.com) and acceptance of specific conditions. In any case, iGuzzini recognises the legal warranty.

### Information

For enquiries, to report issues and request assistance, contact the reference company for your geographical area, indicated at [www.iguzzini.com](http://www.iguzzini.com).

