The Product Book System.

Topics &Tools

Second Half 2015

iGuzzini

Topics

Technological innovations

04 **It's in the optic**
06 **Visual Wellness**
08 **LED is B**
09 **Warm Dimming**

Tools

Product news

Internal - New Lines

12 **Laser**
20 **4ward**
24 **View**
32 **Radix**

Internal - Line Extentions

18 **Laser Blade Tunable White**
28 **iN60 Wall Washer / Dark Light**
34 **Wide**
36 **Reflex Super Comfort**
36 **Front Light**
37 **iPlan - iPlan easy**

External - New Lines

40 **Underscore InOut**
46 **Twilight**
50 **Quid**
54 **WaterApp**

External - Line Extentions

56 **iPoint**

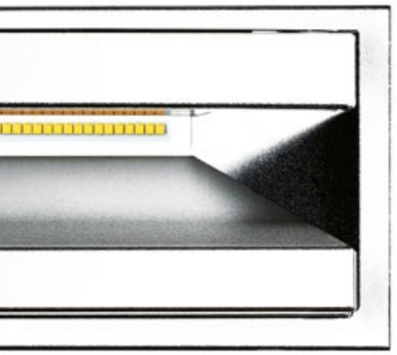
57 **Litetime balance**
57 **Efficiency updates**

Topics

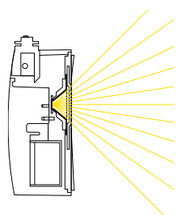
We push the frontiers of science to design technological hearts that beat a new efficient, more reliable and more precise light, closer to mankind.

It's in the optics

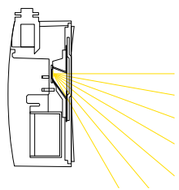
We shape our lenses like light sculptors. We apply our know-how and the latest technology to build light that is useful, efficient and in one word, perfect. All this is based on lenses, reflectors, refractors, diffusers, materials and accessories that are brought together to create exclusive, high-precision optic systems that maximize luminous flows and enhance the qualities of the light source. Each optic is designed for a specific purpose and guarantees clear, sustainable visibility.



Opti Linear
Vertical uniformity
A highly reflective, compact luminous eyelid with the same linear shape as the LED. Very wide flood and wall washer distribution.

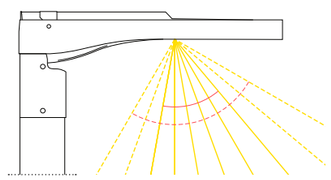


Very Wide Flood optic
View pag. 24-27



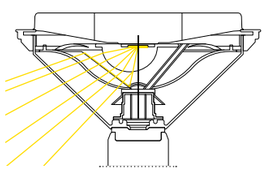
Wall Washer optic
View pag. 24-27

Opti Smart lenses
Street efficiency
“Tailormade” lenses modelled with free-form technology that defines optimal angles and exploits light flow to the full.

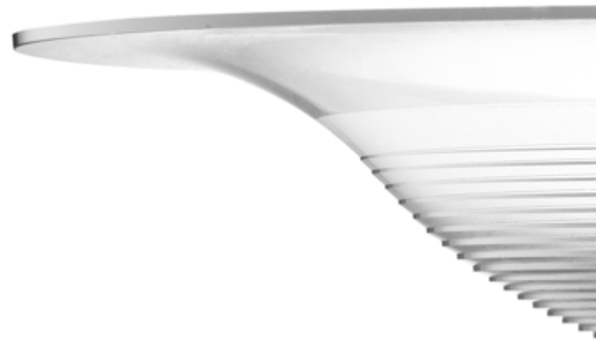


Quid pag. 50-53

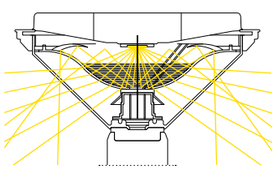
Twilight optic
Urban efficiency
Elliptical Optic: an elliptical glass lens that maximizes efficiency and directs the beam precisely.



Elliptical Optic
Twilight pag. 46-49



Twilight optic
Urban efficiency
Symmetric Optic: a highly innovative and efficient optic held and enhanced by a double shell.

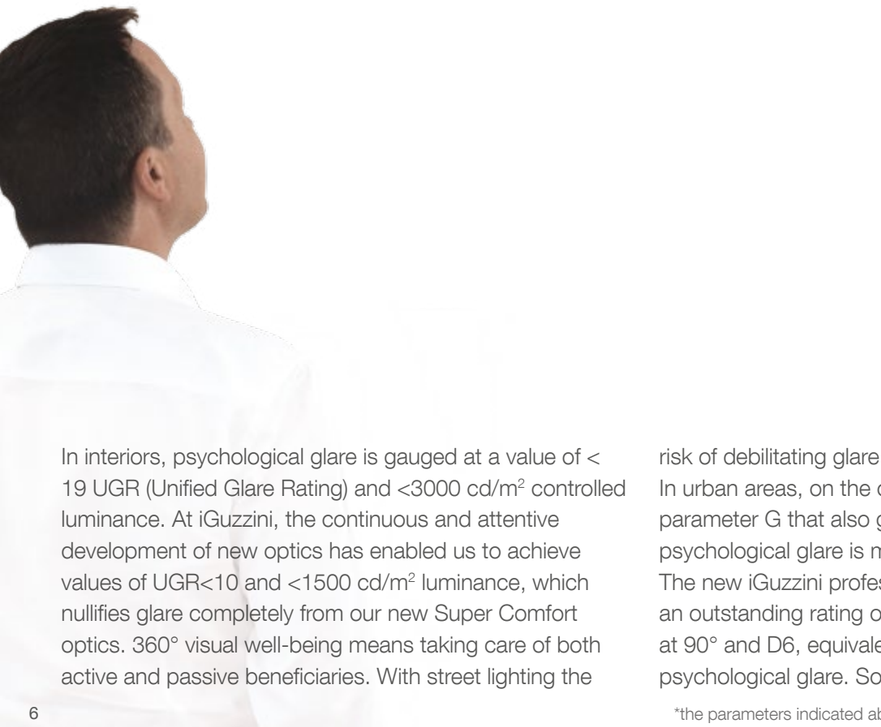


Symmetric Optic
Twilight pag. 46-49

Visual Wellness

Light for well-being and light for mankind.

We nullify the dark or negative side of the light, the glare that can cause indirect psychological damage.



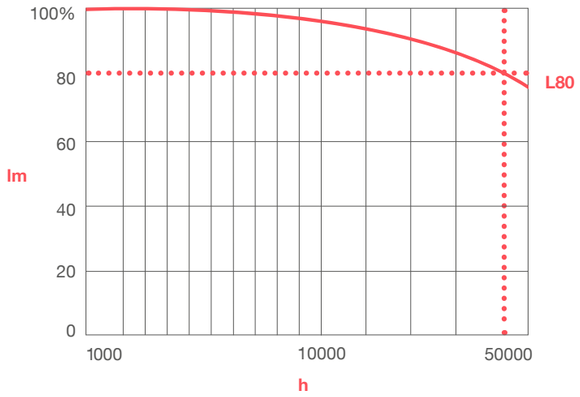
In interiors, psychological glare is gauged at a value of < 19 UGR (Unified Glare Rating) and <3000 cd/m^2 controlled luminance. At iGuzzini, the continuous and attentive development of new optics has enabled us to achieve values of UGR<10 and <1500 cd/m^2 luminance, which nullifies glare completely from our new Super Comfort optics. 360° visual well-being means taking care of both active and passive beneficiaries. With street lighting the risk of debilitating glare is monitored by the parameter Ti. In urban areas, on the other hand, it is monitored by the parameter G that also gauges obstructive light, while psychological glare is measured with the indicator D. The new iGuzzini professional solutions have achieved an outstanding rating of G6, equivalent to zero intensity at 90° and D6, equivalent to zero physiological and psychological glare. So... let there be light, but good light!

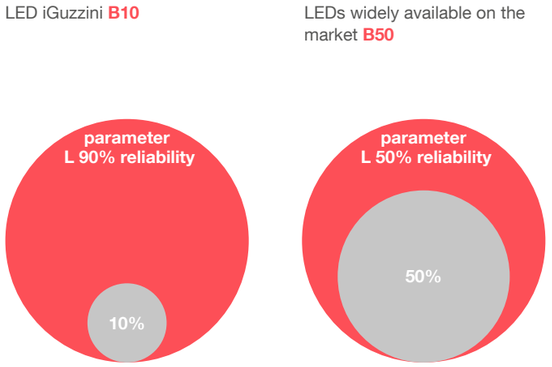
*the parameters indicated above refer to the standards EN12464-EN13201

LED is B

How to recognize the lifetime reliability of an LED product.

B10 is a reliability indicator that 90% of the LEDs maintain the luminous flux declared at the lifetime indicated.





50,000h L80 B10 (ta 25°C), for example, means that the flow will be 80% of the initial value (L80) after 50,000h with a confidence level of 90% (B10), at an ambient temperature of 25°C. This means the level of uncertainty regarding the data is only 10% (B10), so the data is extremely reliable.Whereas if the level of uncertainty is B50, or 50%, the reliability of the data is obviously much lower.

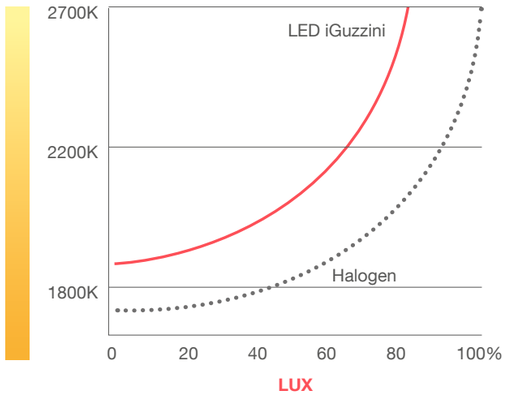
Choosing an LED product involves analysing a much wider range of data than is normally required to judge a traditional light source. An LED product continues to function even when the declared number of lifetime hours has been reached, but it is fundamental to understand how it will behave. The “L” and “B” parameters describe the value of the final luminous flux (L) precisely, as well as the level of confidence in the data expressed (B).

The new generation of iGuzzini products all stipulate either B10 or B20. This is the result of precise monitoring throughout the entire LED chain, from the supplier to the internal design and production process.
The information is considered complete when the estimated ambient temperature is also declared.
The data supplied is all certified by our IMQ, UL and CQCC accredited laboratory.

Warm Dimming

From halogen to LED and back again.

Innovating means applying new technology without renouncing the beauty of the past. Thanks to warm-dimming, LED technology has won over the hospitality & living sectors too.



As light intensity drops to 5%, colour temperature slowly warms up, passing from 2700K to 1800K, with one driver only, and without compromising the colour rendering.

One of the characteristics of LEDs is the fact that their colour temperature remains constant even when the current varies. This, however, may be seen as a disadvantage by those who love halogen light, which intrinsically binds together perception and intensity. iGuzzini has therefore conducted research in the opposite direction to win back the reactive light of halogen lamps while maintaining all the extraordinary performance of LEDs. Warm dimming is a new function where the colour temperature varies from 2700K to 1800K as the light intensity drops to 5%, but colour rendering remains constant. All this is achieved with one driver only in an incredible design that also offers formal consistency, cost effectiveness and easy-to-install components.
With warm-dimming LED technology has won over the hospitality & living sectors too.

Tools
Internal

Collections of light that offer excellent technology and performance in increasingly compact bodies.

Lotte Hotel
Hanoi, Vietnam
Lighting project: PLD
Photo: Mr Sam Nugroh

Laser
Mini-me collection.

75
mm

59
mm

17
mm

25
mm

The technological innovation of latest generation LEDs has allowed us to develop a line of products with excellent lighting performance in an increasingly compact body. Laser is the first Mini-me collection in the lighting sector: It is an extraordinary solution for both lighting and decorating spaces with discretion and elegance. This includes satisfying all the application requirements of retail, hospitality and residential environments. Laser is an innovative combination of form, colour, dimensions, applications, optics, technology and functionality with one common characteristic: visual well-being (UGR<15). The exclusive Warm Dim version reproduces the dimming effect of a halogen lamp and evokes all the magic of the past when less light meant warmth, softness and silence. The optics, including the Opti Beam, are fixed, adjustable (internally and externally) and wall washer. Laser is a masterpiece of lighting microsurgery that adds value to a unique experience.

Ø17 Fixed
Frame

Ø17 Fixed
Minimal

Ø25 Fixed
Frame

Ø25 Fixed
Minimal

Ø59 Fixed
Frame

Ø59 Fixed Super Comfort
Frame

Ø59 Fixed Super Comfort
Minimal

Ø59 Adjustable ±30
Frame

Ø75 Fixed
Frame

Ø75 Fixed Super Comfort
Frame

Ø75 Fixed Super Comfort
Minimal

Ø75 Adjustable ±30
Frame

Ø75 Adjustable Super Comfort
Twin adjustability
Frame

Ø75 Adjustable Super Comfort
Twin adjustability
Minimal

Ø75 Wall Washer
Frame

Ø75 Wall Washer
Minimal

Ø59 Fixed Super Comfort
Frame

Ø59 Fixed Super Comfort
Minimal

Ø75 Fixed Super Comfort
Frame

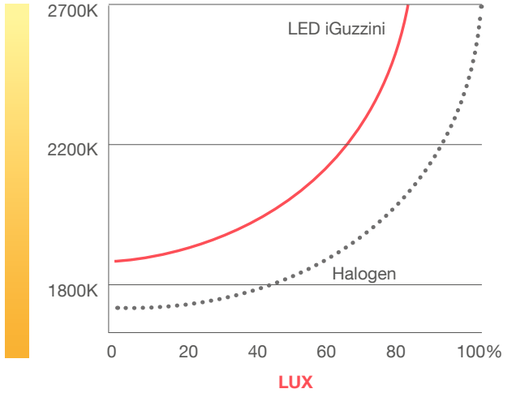
Ø75 Fixed Super Comfort
Minimal

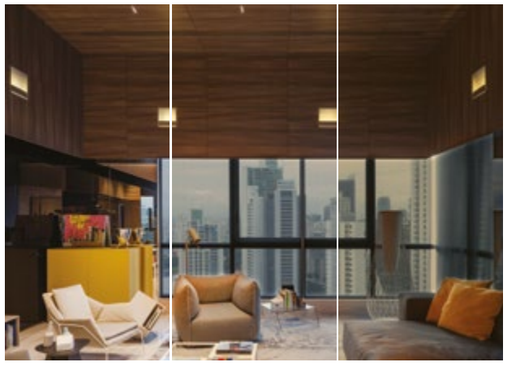
Ø75 Wall Washer
Frame

Ø75 Wall Washer
Minimal

Laser
Mini-me collection.

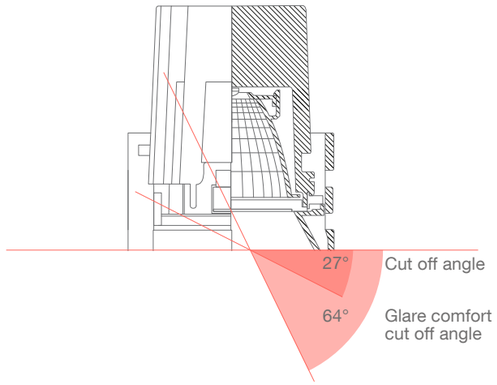
Warm dimming: we have brought a cosy, domestic atmosphere to hospitality environments where talking and socializing are accompanied by light that warms both environments and emotions.





When the lighting intensity is reduced by up to 5%, the colour temperature shifts slowly from 2700K to 1800K.

Visual comfort: light must be pleasant and non aggressive, and so iGuzzini has always been careful to develop solutions guaranteeing visual well-being. The new Laser Super Comfort collection is characterised by a value of UGR<15 and, therefore, decidedly lower than the suggested limits for monitoring glare.



Super Comfort UGR<15

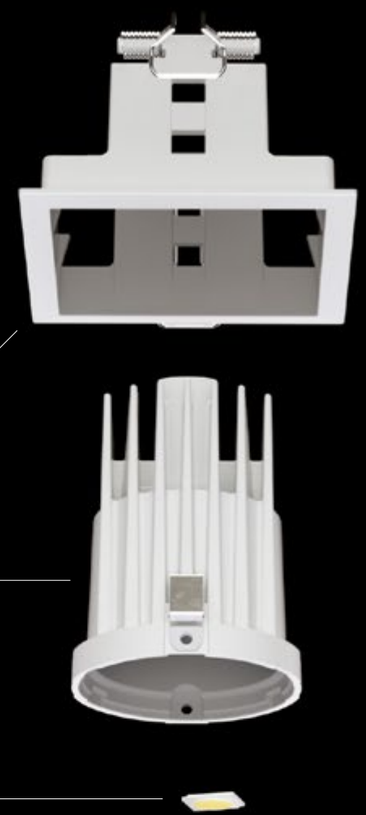
Info box

- Recessed installation, minimal and frame
- UGR<15 for α <65°
- CRI 90
- Colour temperature: 2700K and 3000K + Warm-dim: from 3000K to 1800K
- Mac Adam <3
- 50000h L80 B10
- White/white, White/black, White/chrome, White/gold, White/satin-finish gold, White/chrome black
- DALI/1-10/ for slave application
- IP44 and versions with IP65 (accessory)
- Fixed version, single and double adjustability with a 30° tilt, wall washer

Available for orders from: November 2015 for fixed and frame 59 and 75mm versions. All other versions Q1 2016.

Dimensions		Flux	Power	Optics
Ø 17 mm	-	150 lm	1,4 W	16°
Ø 25 mm	-	200 lm	1,9 W	16°; 25°
Ø 59 mm	⍁ 59 mm	600 lm	7,3 W	15°; 25°; 40°
Ø 75 mm	⍁ 75 mm	1100 lm	10 W	15°; 25°; 42°; ww

Wall Washer: we have succeeded in miniaturising our technology and producing exceptional levels of performance. The wall washer version optic unit is a high precision assembly that accompanies and directs light on a vertical plane, mapping boundaries precisely, with no shadow zones or imperfections.



Die-cast aluminium frame

Die-cast aluminium body
For correct heat dissipation

CoB LED
In an asymmetric position

LED holder

Upper reflector
Made of a metallised plastic material

Front refractive PMMA screen

Kick-back reflector
Made of a metallised plastic material

Anti-glare screen

Laser
Mini-me collection.

Coloured filters

Decorative rings

Decorative cylinders

Laser is light that decorates: its style both adapts to and characterizes the environment at the same time. Six possible finishes help it blend into the ceiling. Decorative rings give the profile a distinctive look without altering the quality of emission. Cylinders and coloured filters, on the other hand, tinge the light to help it suit different atmospheres. Screens and lenses amplify, contain and transform light distribution to create rays of pure, non-invasive perfection.

White

White / Black

White / Chrome

Blue Filter

Blue ring

Blue cylinder

White / Gold

White / Gold - Satin-finish

White / Chrome - Burnished

Red Filter

Red ring

Red cylinder

Refractor for elliptical distribution

Diffusing filter

Louver

Yellow Filter

Yellow ring

Yellow cylinder

Laser Blade
Goes Tunable White.

Laser Blade has revolutionised the concept of downlight. With its miniaturized, high visual comfort optic, this product uses the physical principle of a pinpoint lamp that generates a circular beam of light. Now it is also tunable white. The new version allows the colour temperature to be varied from 2700K to 5700K, for wall washer, high contrast, minimal and frame optics.
The colour of light, even white light, changes visual perception so this new function has been created to precision-enhance the items on display or simply to create new atmospheres. Laser Blade TW is ideal for environments, such as retail outlets, jewellers and art galleries. And in order to meet all design requirements, simple or complex, four different light control methods are available, ranging from basic to advanced and smart.

High contrast
2700K/5700K

Wall Washer
2700K/5700K

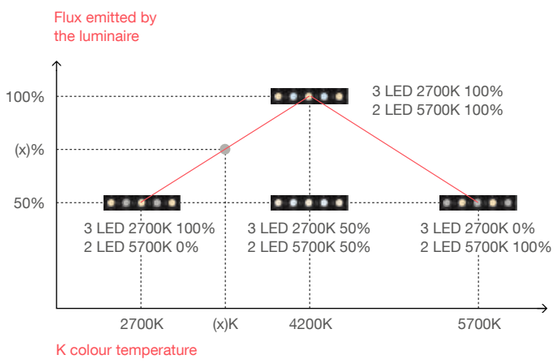
Info box

- Recessed installation, minimal and frame
- UGR<19 and Luminance <1500 cd/m²
- CRI 80 and 90
- Tunable White 2700K ÷ 5700K
- MacAdam Step: <3
- Duration 50000h L80 B10
- IP23 high contrast
- IP43 Wall washer
- White/black, Grey/black, Black/black
- 4 control types (switch-dim, basic programmable, basic for large DALI spaces and KNX, integrated smart-control for all available devices
- Fixed and wall washer version

Available for orders from: October 2015

Dimensions	Flux	Power	Optics
141 x 37mm	1000 lm	10 W	32°; 48°; ww
274 x 37mm	2000 lm	21 W	32°; 48°; ww
406 x 37mm	3000 lm	31 W	32°; 48°; ww

Tunable white
Tunable white keeps the colour temperature constant and uniform, even between products of different sizes with a heterogeneous number of warm and cold LEDs. It also ensures the same level of flux in the two extreme temperatures of 2700K and 5700K.



4ward

Fluid power.

design Piano Design

Metropolitan life is a mix of numerous flows coming together. People, thoughts, images and sounds are constantly moving. 4ward's designs transforms the fluid power of light into an experience you can tune into. 4ward underlines, softens and highlights, as well as creating a range of values to guide your eyes in a new direction. The spotlight's performance is characterised by superior visual comfort and formal simplicity that make it ideal for both museums and retail displays. 4ward is hi-fidelity light.

4ward

Fluid power.

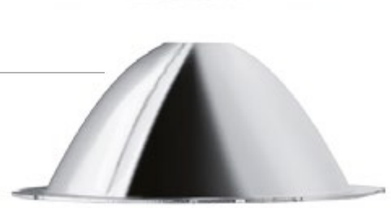
design Piano Design

Refractor

UV filter

Soft Lens filter

Louver



Interchangeable reflector

Info box

- Installation on a three-phase track (pendant too) and ceiling-mounted with a base
- CRI 80 and 90
- 3000K; 4000K
- Mac Adam <3
- Duration 50000h L80 B10
- White, Black, White/Retro chrome
- IGBT electronic technology
- IP20
- IP40 with accessory
- Adjustable version that can be rotated 90° around the horizontal plane and 360° around the vertical axis, with a mechanical locking mechanism for aiming

Available for orders from: October 2015

Dimensions	Flux	Power	Optics
Ø 99 mm	1500 lm	15 W	15°; 30°; 50°
Ø 116 mm	3000 lm	30 W	12°; 26°; 46°
Ø 140 mm	6000 lm	47 W	14°; 30°; 46°

View

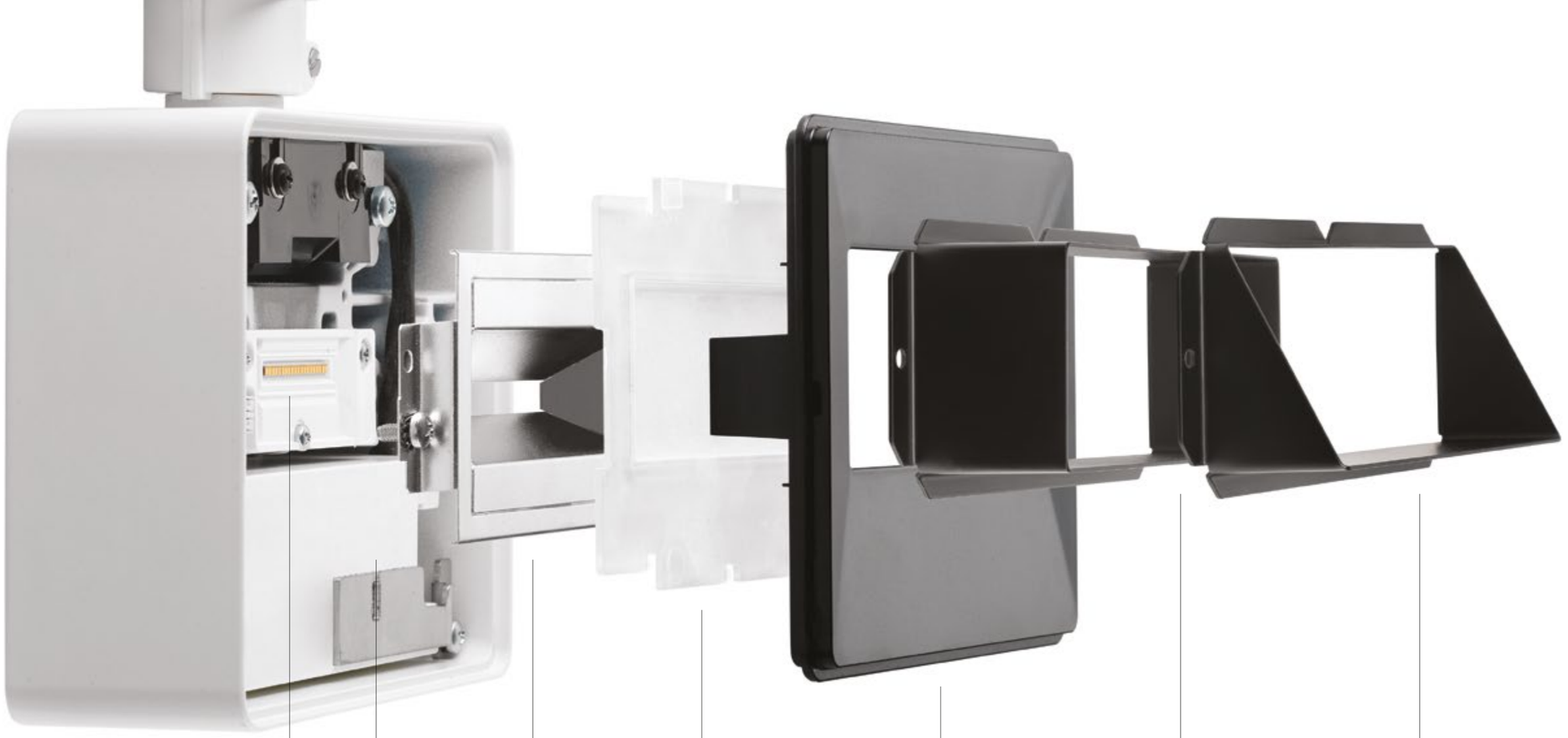
Linear Ability.

design iGuzzini/Arup

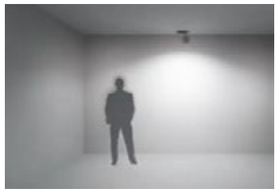
View interprets the value of linear elegance that expresses beauty through simplicity. The spotlight uses Opti Linear technology with an anodized, super-pure aluminium reflector to duplicate light and illuminate vertical surfaces with superior uniformity using very wide flood and wall washer optics. View can also be used as a wall-mounted luminaire with an upward beam that creates comfortable, indirect light. This versatile product is ideal for lighting retail, museum, reception and shared environments.

View
Linear Ability.

design iGuzzini/Arup



Very Wide Flood
Very Wide Flood distribution consists of a 80° opening cone with perfect light uniformity.



Wall Washer
An extra screen directs the light precisely to the upper and lower edges of the wall to create total and uniform vertical lighting.

Info box

- Installation on a three-phase track (pendant too) and ceiling-mounted with a base
- Integrated ballast
- CRI 80 and 90
- 3000K; 4000K
- Mac Adam <3
- Duration 50000h L80 B10
- White/black; Black/black
- DALI control system
- Pendant and ceiling-mounted version with a 90° rotation around the horizontal plane and 360° around the vertical axis with a mechanical locking mechanism for aiming
- Wall-mounted version

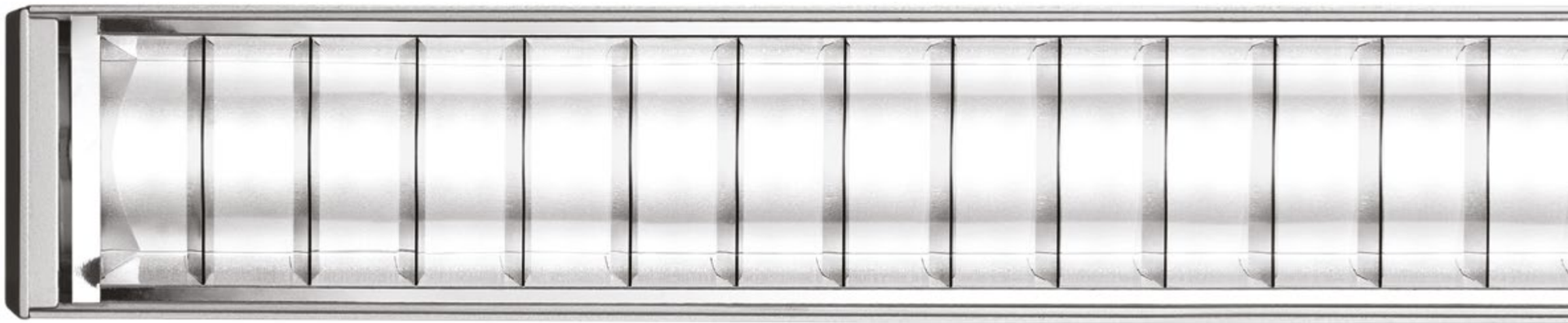
Available for orders from:
November 2015 track-mounted very wide flood versions.
December 2015 all other versions.

Installation	Dimensions	Flux	Power	Optics
Track mounted	130x110x46mm	1500 lm	14 W	82° / 104°; ww
Track mounted	170x126x52mm	2000 lm	19 W	80° / 106°; ww
Track mounted	170x126x52mm	3000 lm	31 W	80° / 106°; ww;
Wall mounted	170x126x52mm	3000 lm	31 W	asymmetric-up
Track mounted	210x146x61mm	4000 lm	39 W	80° / 108°; ww;
Wall mounted	210x146x61mm	4000 lm	39 W	asymmetric-up

iN60

60mm of continuous light.

iN60 Wall Washer



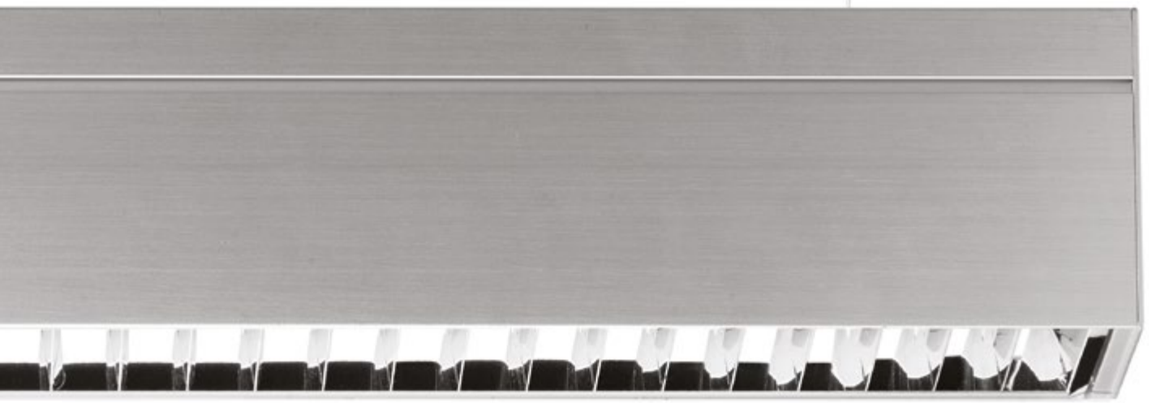
iN60 Dark Light

iN60 is a modular lighting system that creates continuous light lines. Its linearity expresses harmony, order and essential design. The new darklight version guarantees visual comfort with a value of UGR<19 and <1500 cd/m^2 luminance that is perfect for offices and workplaces. This version can also be used as a direct/indirect light for enhancing environments and contrasting any tunnel effects. The new wall washer version transforms linearity into a vertical wash that defines light perfectly on vertical walls, from top to bottom, with even distribution over the entire surface. The effect is clean, homogeneous, free of shadow zones and ideal for offices, retail environments, and common areas. iN60 gives light direction by creating lines that map ceilings and spaces evenly and attractively.

iN60

60mm of continuous light.

Visual comfort: total control of luminance and reflected light



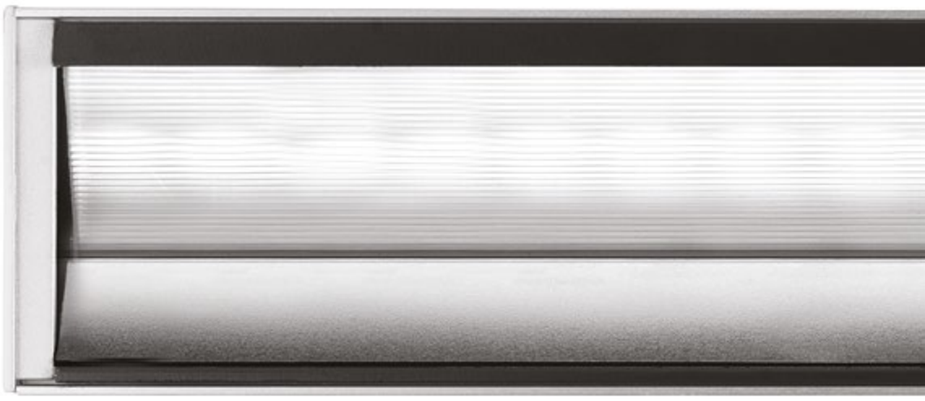
Dark-Light
Direct emission (84%)
Indirect emission (16%)

Info box

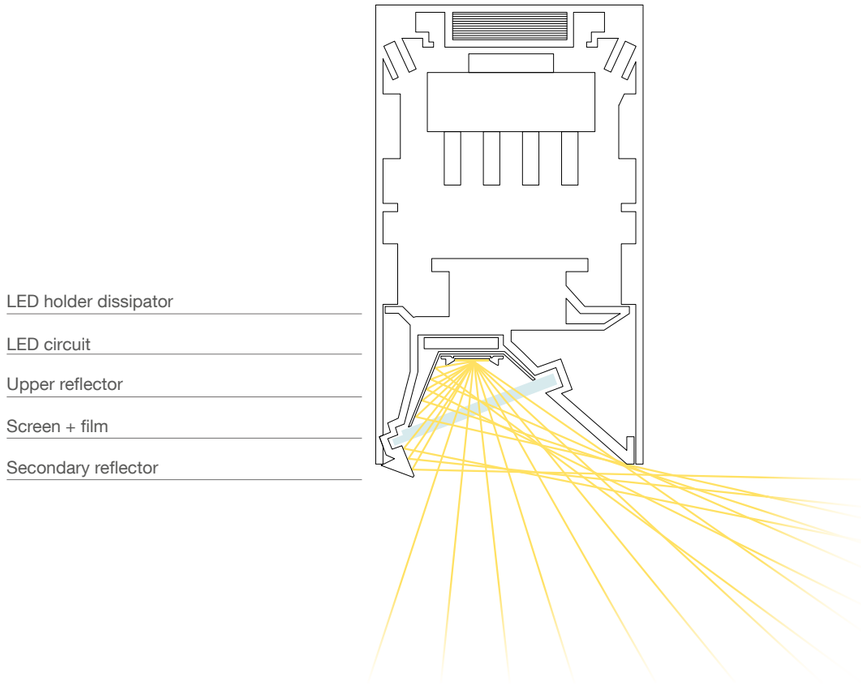
- Pendant, recessed, ceiling and wall-mounted installation
- UGR<19 and Luminance <1500 cd/m^2 (in compliance with EN/UNI12464-1)
- CRI80
- 3000K, 4000K
- MacAdam<3
- LED-L-B lifetime
- Grey
- DALI check
- IP20
- Frame and Minimal version Available for orders.

Dimensions	Flux	Power	Optics
1196 mm	5100 lm	42 W	Up-Down light
1196 mm	6400 lm	53 W	Down light;
1196 mm	3100 lm	21 W	Wall Washer

Wall washer: fully enhancing vertical walls



Wall Washer



Radix

Depth perception.

design Daniel Libeskind

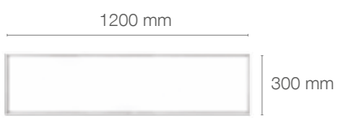
Roots are what anchor us to life. Radix metaphorically buries into ceilings to add a new dimension of depth. The result is a light effect similar to that of a skylight opening. The perimetric LED beam creates soft and comfortable light emission, characterised by values of UGR<19 and controlled luminance. The quality of the optic allows the highest degree of efficiency to be reached, making this luminaire the ideal solution for lighting office environments. Character and functionality create a winning design to humanize light while keeping it discreet.

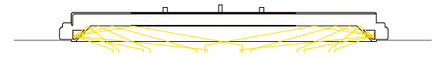
Info box

- Recessed installation
- UGR<19 and <3000 cd/m² luminance (in compliance with EN/UNI12464-1)
- CRI 80
- 3000K; 4000K
- Mac Adam <3
- Duration 50000h L80 B10
- White
- DALI check
- IP40

Available for orders from:
November 2015

Dimensions	Flux	Power
600x600 mm	4600 lm	32 W
1200x300 mm	4200 lm	32 W





UGR<19
with a gloss finish to avoid undesired reflected glare.

Wide
Gull-wing spirit.

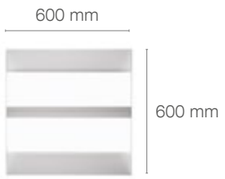
Two wings of light outline the ceiling and amplify the light beam. The Wide LED contains two specular optic systems, each of which emits light either directly or indirectly. The result is an excellent level of luminous efficiency. The light is soft and controlled with values of UGR<19. Reduced consumption and high yields combine to make this solution ideal for lighting workplaces. Wide offers environments light and liberty.

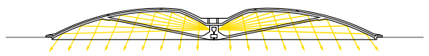
Info box

- UGR<19 and <3000 cd/m^2 luminance (in compliance with EN/UNI12464-1)
- CRI 80
- 3000K; 4000K
- Mac Adam <3
- Duration 50000h L80 B10
- White
- DALI check
- IP40

Available for orders from:
November 2015

Dimensions	Flux	Power
600x600 mm	4000 lm	36 W
625x625 mm	4000 lm	36 W





UGR<19
with a gloss finish to avoid undesired reflected glare.

Reflex
Super Comfort
UGR<10.

Reflex has been updated in a new version that nullifies direct and reflected glare with a value of UGR<10 and luminance < 1500 cd/m^2. This ensures maximum visual ergonomy that makes the luminaire ideal for workplaces. Available in two sizes with a sleek, inviting design, Reflex Super Comfort offers three high quality levels of light distribution and flux that can also be used for large spaces, such as airports and stations up to a height of 15m.

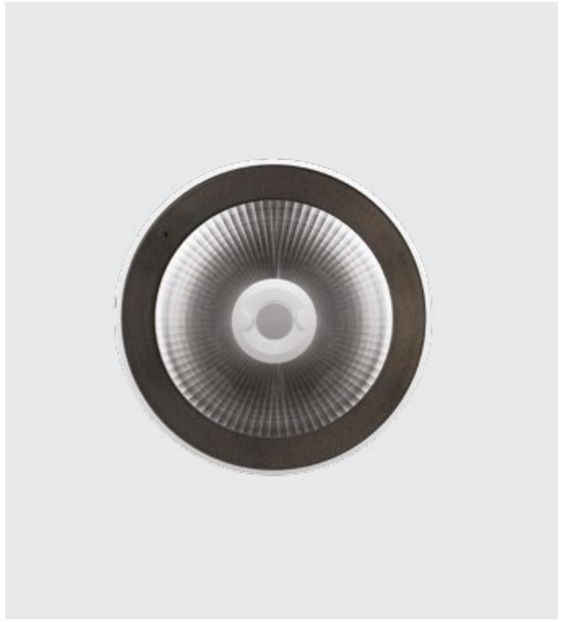
Ø 125 mm
Ø 212 mm

Available for orders

Front Light
Up to 6000 lumen.

The Front Light spotlight is now even more powerful. We have also included a 6000 lm version for applications, such as car showrooms, where the shapes of certain spaces or the items on display require greater power. Interchangeable optics also allow three different distribution cones to be used for this version, so the light can be adapted to specific requirements.

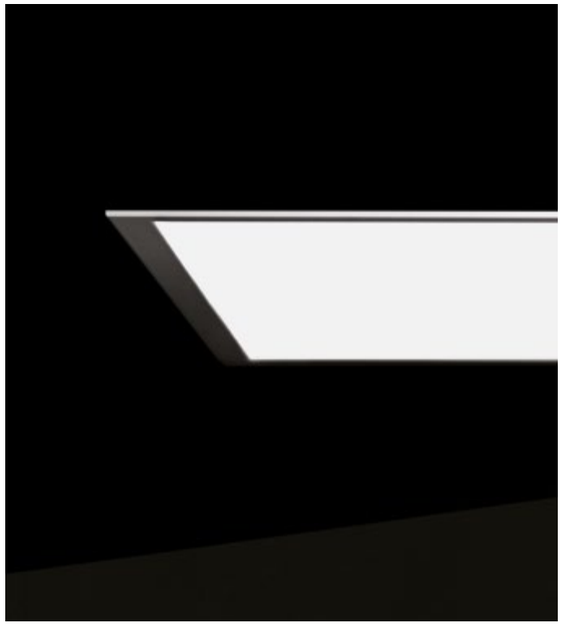
Available for orders



iPlan - iPlan Easy
A new dimension
625x625.

iPlan is an indirect/direct beam luminaire designed to use both fluorescent and LED lamps. Featuring opal screens for general light and microprismatic ones for controlled luminance, as well as wall,ceiling and ground-mounted versions, this compact luminaire is ideal for lighting workplaces and common areas. iPlanEasy has only LEDs, is even more compact (only 14mm high) and can be receseed in walls or ceilings for both general and controlled luminance lighting. iPlan and iPlan Easy are now also available for 625x625 ceilings. Simple but effective lighting for common spaces and workplaces.

Available for orders



Tools
External

Light tools that illuminate cities, making
them livelier and safer with future-proof technology.

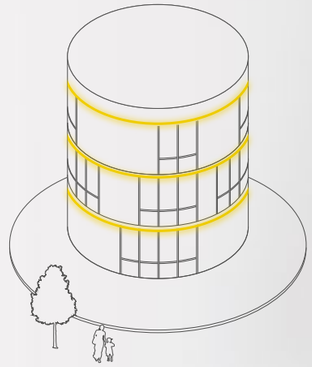
Design Muesum Holon
Holon, Israel
Client: Comune di Holon
Architectural Project:
Ron Arad Architects
Executive architect: Waxman Govrin
Photo: Uzi Porat

Underscore InOut

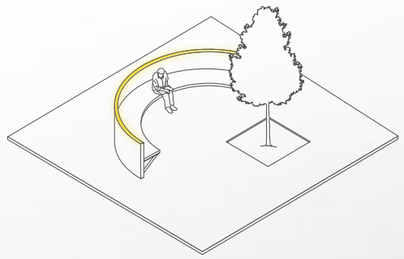
Inspiration through integration, even in extreme conditions.

Underscore is a tool for creating with light. Underscore InOut extends the brilliance of Underscore to exteriors, guaranteeing maximum reliability, even in extreme conditions. Light gives architecture a special rhythm, turning buildings into living organisms in a pulsating urban scene.Underscore InOut is a solution that liberates light and turns it into an artist's brushstroke that outlines, highlights and even colours outdoor architecture with a palette of RGB tones. Facades of any size or shape become exquisite canvases, and special details and features communicate with light. Underscore InOut has been patented to guarantee its correct operation even at extreme temperatures. The device's high-performance polymer material is the result of intense laboratory research and testing, and is extremely resistant to both thermal stress and external agents, such as UV rays. This guarantees constant long-term LED performance in terms of both efficiency and colour temperature. Absolute protetion is guaranteed against the temporary submersion of the IP68 rating product and connectors, which are also highly reliable in the event of fire. Underscore InOut is a long-lasting, graphic stroke of light.

Top Bend
straight lines on flat and curved surfaces with the TOP BEND version (16mm)



Side Bend
straight and curved lines on flat surfaces with the SIDE BEND version (6mm-10mm-16mm)



Underscore InOut

Inspiration through integration, even in extreme conditions.

Top Bend

2900/ 3800/ 4500K

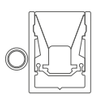
RGB

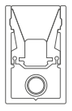
With clips
Radius of curvature: 25 cm

With low profile

With high profile

Top Bend 16





Side Bend

2900/ 3800/ 4500K

RGB

Side Bend 6

Radius of curvature: 6,5 cm

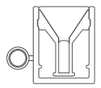
With low profile

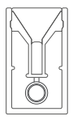
Side Bend 10

Radius of curvature: 15 cm

With low profile

Side Bend 16





Radius of curvature: 25 cm

With low profile

With high profile

Underscore InOut includes a Top Bend version, with a 16mm wide emission surface, and Side Bend versions, with 3 available widths: 6mm 10mm and 16mm.Installation now boats long-lasting security thanks to two fastening brackets, or better, the aluminium profile that accompanies the product in the straight sections and the aluminium or stainless steel clips that fasten it when the line curves. To ensure that the profiles join together perfectly,

Underscore Inout is designed so that the cable is fed out either at the side or the rear. This why the aluminium profile comes in two different heights: the high profile (cable at rear) and the low profile (cable at side). Each product line can be up to 7m long. The minimum radius of the curves varies according to the version.

Info box

- Dimensions from 254mm to 7004mm. 21 possible combinations.
- Profile (straight lines) or clip (curved lines) installation
- CRI 80
- 2800K; 3500K; 4500K
- L70 B20* >53.000 hours Ta 25°C
- L80 B20* >50.000 hours Ta 40°C
- Mac Adam <3
- B20
- DALI and DMX interface
- IP68
- Average figures 290 lm/m, 8,5 W/m
The luminous flux and the colour temperature are expressed in real values.

*Values refer to Top Bend white versions. For all other versions please consult products.iguzzini.com

Available for orders from: October
RGB versions Q1 2016

Underscore InOut

Inspiration through integration, even in extreme conditions.

Total reliability: A patented innovation to guarantee correct installation and operation even under stress and in extreme temperatures (-30°C;+45°C). Underscore InOut, long-lasting performance and materials.

-30° +45°

Performance reliability at extreme temperatures
Product can be installed even at extreme temperatures, between -30°C and +45°C. Climatic chamber tests (IMQ/UL/CQCC certified laboratory) have shown that at -30° C Underscore InOut mantains its flexibility and functionality.

IP68

Performance reliability when submerged
IP68 protection on both the product and continuous line system using IP68 connectors

* The product is not suitable for use in swimming pools.

L80 B20

LED performance reliability
Underscore InOut guarantees a declared lifetime with B20 reliability. e.g. Underscore Inout White Top Bend has a lifetime of 53000h L80B20 (ta 25°C) and 47000h L80B20 (ta 40°C).

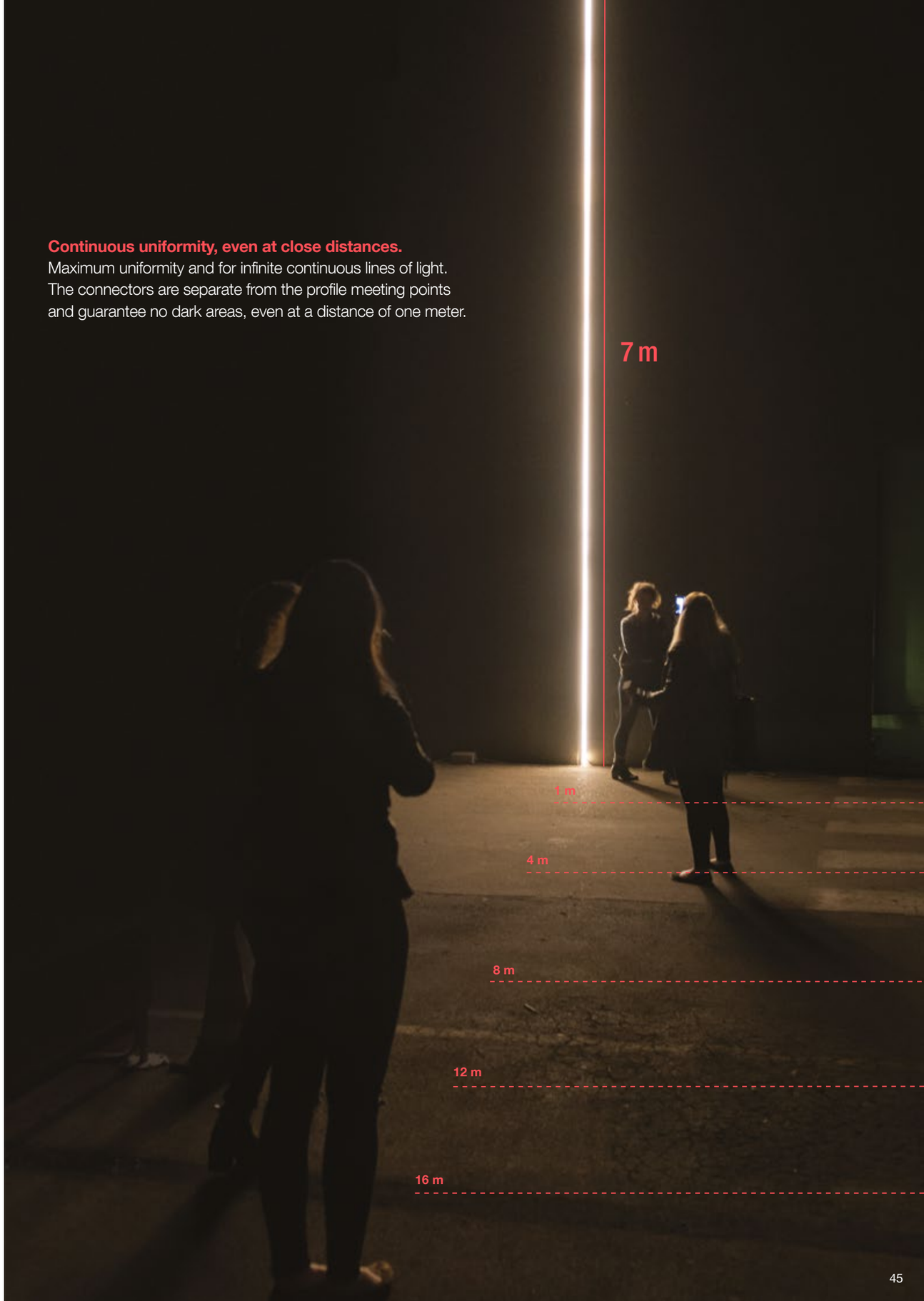
UV Test

Material reliability
The European Quality Institute tested an Underscore InOut and a similar PVC device. After 2 years of exposure to sunlight the PVC yellowed, whereas after 12 years our material had the exact same finish, efficiency and colour temperature.

Glow-wire test at 960°C

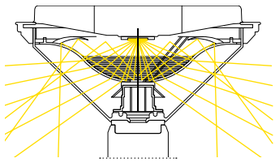
Reliability in the event of fire / Inflammability
Underscore InOut is extremely reliable even in the event of a fire, demonstrated by its passing the 960°C glow plug test. Similar products made of PVC or silicone resin did not even pass the 850°C test.

Continuous uniformity, even at close distances.
Maximum uniformity and for infinite continuous lines of light. The connectors are separate from the profile meeting points and guarantee no dark areas, even at a distance of one meter.

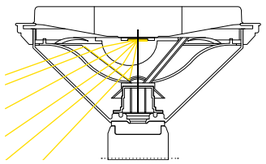


Twilight
Urbaneco.

A liveable city is a beautiful city. Twilight enhances urban ecology. The light that comes just before sunset is a very special kind of light. It is that magical moment we call Twilight. And to prolong it, especially in places like parks or local streets where it's nice to take a stroll, iGuzzini has designed the Twilight luminaire. Twilight turns public space into the ideal setting for urban socializing. It is a highly compact solution that can easily replace existing, more invasive, traditional lamp systems. And the light it produces is urban and residential with a low environmental impact. The two symmetric and asymmetric optics create uniform lighting on both horizontal and vertical planes, as well as complying with semi-cylindrical illumination values to guarantee pedestrians' visibility and safety. Twilight features two decorative fittings that help the luminaires adapt to the different contexts of towns and cities around the world. These have the extremely important, practical value of focusing light flow on vertical planes and limiting skyward dispersion to within existing light pollution standards. Customised variations are also available on request to make Twilight a truly cosmopolitan solution. Twilight offers cities both value for money and social wellbeing.

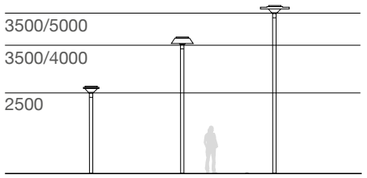


Symetric optic



Elliptical optic

Twilight Joburg



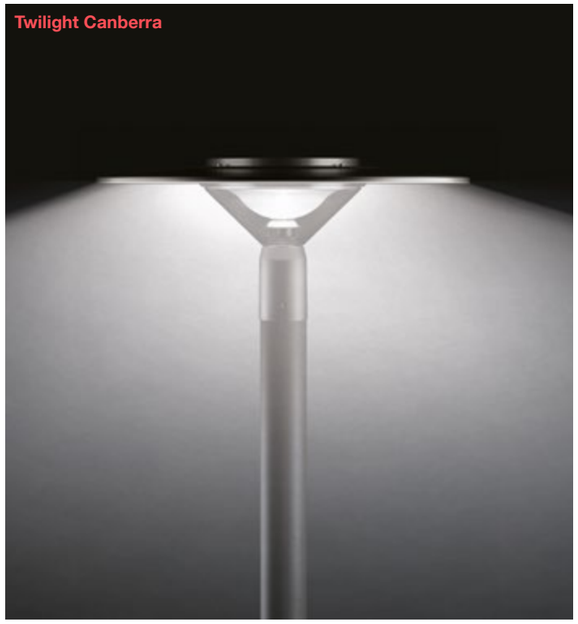
Twilight Bilbao

Twilight Canberra

Twilight
Urbaneco.

Miniaturizing the C.o.B. LED lamp and optic unit has allowed us to reduce the size of lamps for exteriors too. This means they take up less space, while maintaining the same high levels of uniformity, efficiency and visual comfort. The optic has been painstakingly researched, developed and differentiated to guarantee the best distribution, whether symmetrical or elliptical.

The symmetrical optic is particularly suited to lighting contexts for public areas, parks and squares. The elliptical optic, on the other hand, is the ideal solution for lighting pedestrian or cycle paths only in the areas requested and nullifying any intrusive light. Twilight is urban compactness.



Twilight Joburg
A compact, discreet cone to replace the technology of existing devices and totally renew the concept of the luminaire itself and its contextualization. This is Twilight Joburg: a simple but brilliant opportunity to update the style and energy of lighting systems with a highly competitive pay-back.

Twilight Canberra
A flat, high static load-resistant disc that increases perceived volume and keeps the product looking as light as if it were floating in space. This guarantees light pollution monitoring and optimal semi-cylindrical distribution that is fundamental for making people visible and guaranteeing their real and psychological safety. Twilight Canberra is a versatile instrument that meets all the needs of the most common urban requirements.

Twilight Bilbao
A conical screen used to limit light emission completely. This is particularly useful in contexts where the strictest standards of light pollution and energy savings are required. Twilight Bilbao is therefore a kind of urban lampshade that turns city environments into nocturnal lounges.

Info box

- Poletop assembly on poles with a 60mm and 76mm ø end
- CRI 70
- 3000K; 4000K
- Mac Adam <3
- Lifetime ≥100.000h L80 B10 Ta 25°C
- Grey
- DALI check
- IP66

Symmetric optic available for orders. Elliptical optic, DALI symmetric available for orders from: October 2015.

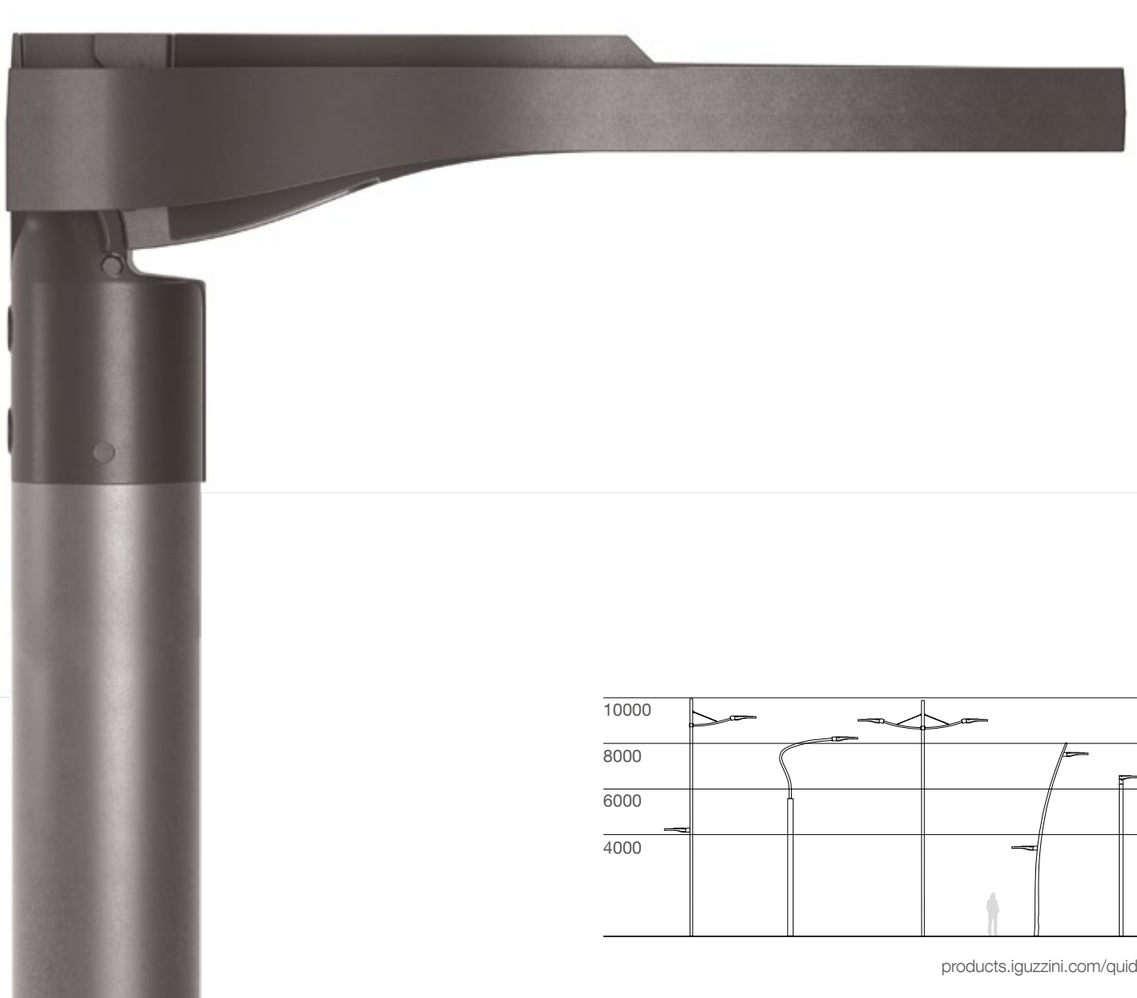
Optics	Dimensions	Flux	Power
Joburg-Elliptical	Ø 323	2190lm / 3530lm	20W / 31W
Joburg-Symmetric	Ø 323	2290lm / 3660lm	20W / 31W
Canberra-Symmetric	Ø 650	2270lm / 3480lm	20W / 31W
Canberra-Symmetric	Ø 650	2270lm / 3570lm	20W / 31W
Bilbao-Elliptical	Ø 500	1970lm / 3170lm	20W / 31W
Bilbao-Symmetric	Ø 500	2080lm / 3260lm	20W / 31W

Quid

Simply more.

design Enzo Eusebi

Quid's sleek design is inspired by the desire to strip off anything that is superfluous and focus on the product's essence. The distribution of its geometrical volumes is carefully designed to underline the luminaire's hi-tech character, and a formal contrast of curves and straight lines gives it a rational, balanced harmony. Quid is a LED street light that meets a wide range of present and future requirements, from a simple on-off mechanism to DALI management, which is the key means of access to potential “smart-city” integration. ST1 / ST1.2 and asymmetric street optics are available with optismart lenses. Immediate energy savings of over 65% can be enjoyed even by just replacing the existing lamps (like high pressure sodium or mercury lamps) in a system. Quid is an eco-design too, so at the end of its life, it can easily be broken down into its recyclable parts. Quid is now, but it's tomorrow too.



Quid

Simply more.

Design Enzo Eusebi

Every town and street have different needs. So Quid uses optismart lenses to provide a rapid and efficient solution for a wide variety of road types thanks to its three different optics: ST1, ST1.2 and A45.

ST1
Street optic ideal for urban and suburban roads with vehicular traffic

ST1.2
Street optic ideal for urban and suburban roads with intense vehicular traffic

A45
Comfort optic ideal for areas like parks, carparks, pedestrian areas and cycle lanes

Info box

- Poletop assembly on poles with a 60mm and 76mm ø end
- CRI 70
- 3000K; 4000K
- Mac Adam <4
- Lifetime:
100000 h L80 B10 Ta 40°C
80.000 h L90 B10 Ta 25°C
50.000 h L90 B10 Ta 40°C
- Grey
- DALI check
- IP66
- Version with circuit breaker
- Versions with NEMA fitting

Available for orders from:
December 2015

Dimensions	Flux	Power	Optics
314mm x 579mm	3300lm	36W	A45, ST1, ST1.2
314mm x 579mm	6000lm	60W	A45, ST1, ST1.2
314mm x 579mm	8800lm	87W	A45, ST1, ST1.2

Quid facilitates and accelerates installation and maintenance operations thanks to its toolfree design, as well as helping reduce the Total Cost of Ownership (TCO). With Quid, simplicity becomes value.

WaterApp
Aquatecture

WaterApp illuminates submerged locations and animates aquatic architecture with hi-tech light. Reliability was the key priority when we began developing these underwater products for hotel or residential area swimming pools and water features. The luminaire is made strictly of stainless steel with a 5mm thick cover of tempered glass. Recessed versions are also available with different optics and colour temperatures. RGB versions and regulation systems also create attractive light scenarios. Installation is safe and easy as the optical assembly does not need to be opened.

Ø 176

Ø 140

Ø 118

Ø 136

Ø 125

Info box

- Wall / ground-recessed installation / Spot
- CRI 73
- 4000K; 6000K
- 50,000h L80 B20 (Ta 25°C)
- Grey
- IP68

Available for orders

RGB

Dimensions	Flux	Power	Optics
Ø 118 x 140 mm	97lm - 109lm	1,1W - 4,3W (rgb)	20° - 36°
Ø 140 x 136 mm	292lm - 327lm	3,2W - 13W (rgb)	20° - 36°
Ø 176 x 140 mm	875lm - 980lm	9,5W - 37W (rgb)	20° - 36°
125x87x75 mm	292lm - 327lm	3,2W - 13W (rgb)	20° - 36°
136x109x25mm	583lm - 653lm	6,3W - 25W (rgb)	20° - 36°

iPoint
Innovation in tradition
Pamio Design

This diffused light luminaire has now been updated with C.o.B. LED technology. Past and present come together in this product to offer technological innovation and refined materials. Glass evokes the richness of the past. It is the ideal material for light as it allows light to pass through it with no resistance. The optic system consists of CoB LED tecnology, an innovative optibeam reflector with a flux enhancer that directs the light beam onto an internal opal screen that optimizes distribution uniformity. The sodium glass surface further enhances diffusion to guarantee maximum visual comfort and efficiency. iPoint combines tradition and innovation to offer elegance by day and prestigious atmospheres by night.

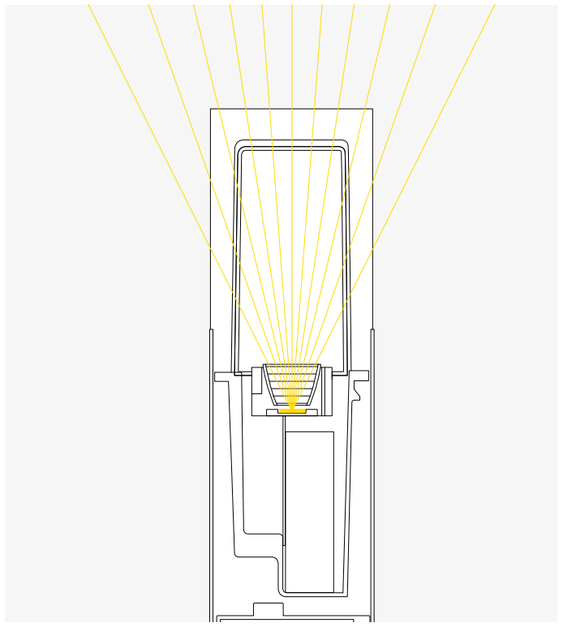
products.iguzzini.com/ipoint_line

Info Box

- Ground or pavement-mounted
- CRI 82
- 3000K
- 50.000h L80 B10 (Ta 25°C)
- Grey
- DALI check
- IP66

Available for orders from:
October 2015

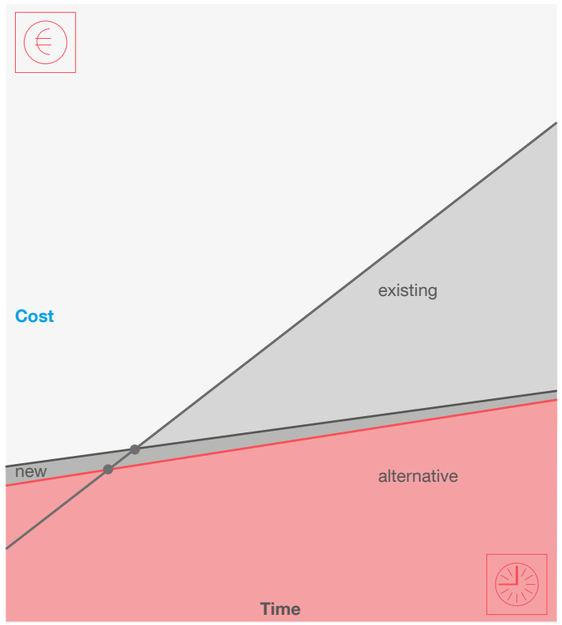
Dimensions	Flux	Power
100 x 335 mm	1400 lm	10 W
100 x 1005 mm	1400 lm	10 W



Litetime Balance

With our newly developed Litetime Balance software, the benefits of new LED lighting solutions can be effectively compared to old lamps installed on existing light systems. In addition to clear and tangible financial savings, Litetime Balance also indicates benefits from an environmental point of view.

iguzzini.com/Litetime_Balance_software_iGuzzini



Efficiency updates

Our innovations know no limits, and we constantly research new and improved solutions to increase the peformance of our products. That is why we are presenting the iGuzzini products that have benefited most from the increase in efficiency offered by technical updates to our optic systems/LED lamps in the last 6 months.

iguzzini.it/Prodotti_con_maggior_aumento_di_efficienza_lm_W

Reflex LLE
102 Lm/W
+21 %

iN30
95 Lm/W
+35 %

iN60
90 Lm/W
+37 %

Palco
102 Lm/W
+21 %

Maxi Woody
86 Lm/W
+83 %

iPlan
101 Lm/W
+30 %

Platea
89 Lm/W
+113 %

Credits
Graphics and layout
xycomm – Milano
Photo still life
studiobuschi.com
Render
747 Studios GmbH
Gelfo Design
Printed by
Chinchio Industria Grafica

9.7793.000.0