



ZUMTOBEL



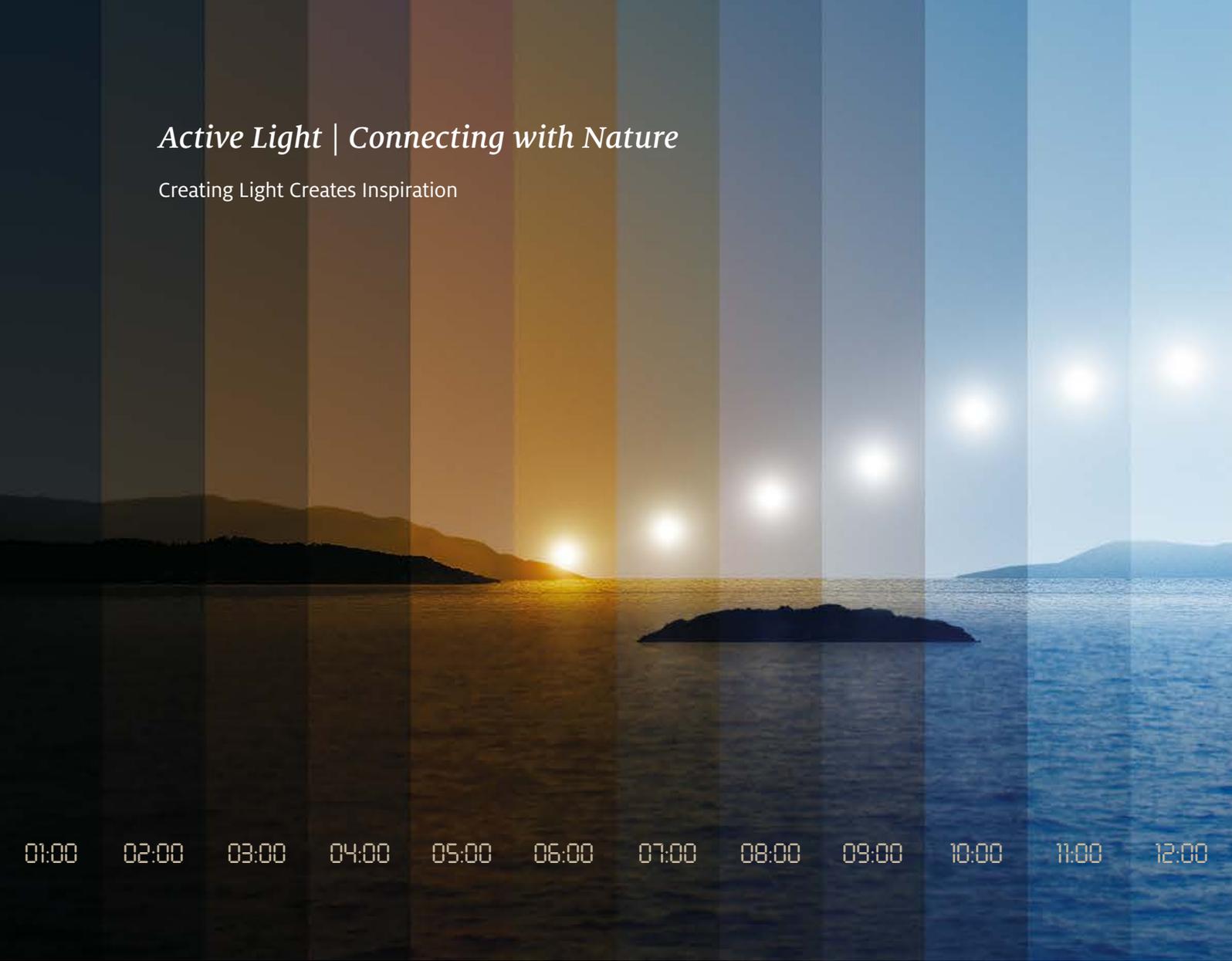
SLOTLIGHT infinity

Recessed, surface-mounted and pendant luminaire

The world's first consistent light line complies with the highest architectural and technical lighting requirements.

Active Light | Connecting with Nature

Creating Light Creates Inspiration



Wellbeing in office spaces is enhanced by holistic lighting ecosystems. Active Light is linked to daylight dynamics, actively supporting the natural bio rhythm and seamlessly ensuring maximum visual comfort for tasks. Such human centric lighting solutions bring people together and promote creativity, as they are effortlessly personalized, with the individual always at heart.

See here how Active Light works:
zumtobel.com/activelight



Intensity

The right lighting level can best be determined by the individual's visual ability and the task itself. Moreover, basic planning parameters and current standards for workplaces must be taken into account.



Direction

Light is a tool for architectural design. By varying luminance and light distribution the general atmosphere of a space can shift instantly, which can have a major impact on communication, creativity and easing of tension.



Colour

The human body reacts to the colour temperature of light. While cooler, blueish light colours activate, warmer, reddish light colours have a soothing effect. A study carried out in cooperation with the Fraunhofer IAO shows that a user's colour preferences vary depending on age, working hours and individual needs.



Time

By mimicking the natural dynamics of daylight, artificial lighting complements and supports one's internal clock.





“Slotlight infinity draws on Zumtobel’s lighting expertise and Arup’s multi-disciplinary engineering, lighting, architecture and design know-how. The result is a continuous vein of light that provides the designer with a kit of light and control gear options in a truly integrated, low energy solution.”

Consulting by Arup, Stephen Philips

ARUP

With SLOTLIGHT infinity, Zumtobel provides architects and designers with a tool for consistently linear design with high precision. Light is now available as a continuous light line: nearly endless, up to 50 metres in length, without any butt joints and with uniform illumination even around corners. In the ceiling, on the ceiling or suspended from the ceiling: the SLOTLIGHT infinity light line stays true to the principle of the perfect line, no matter how it is installed.





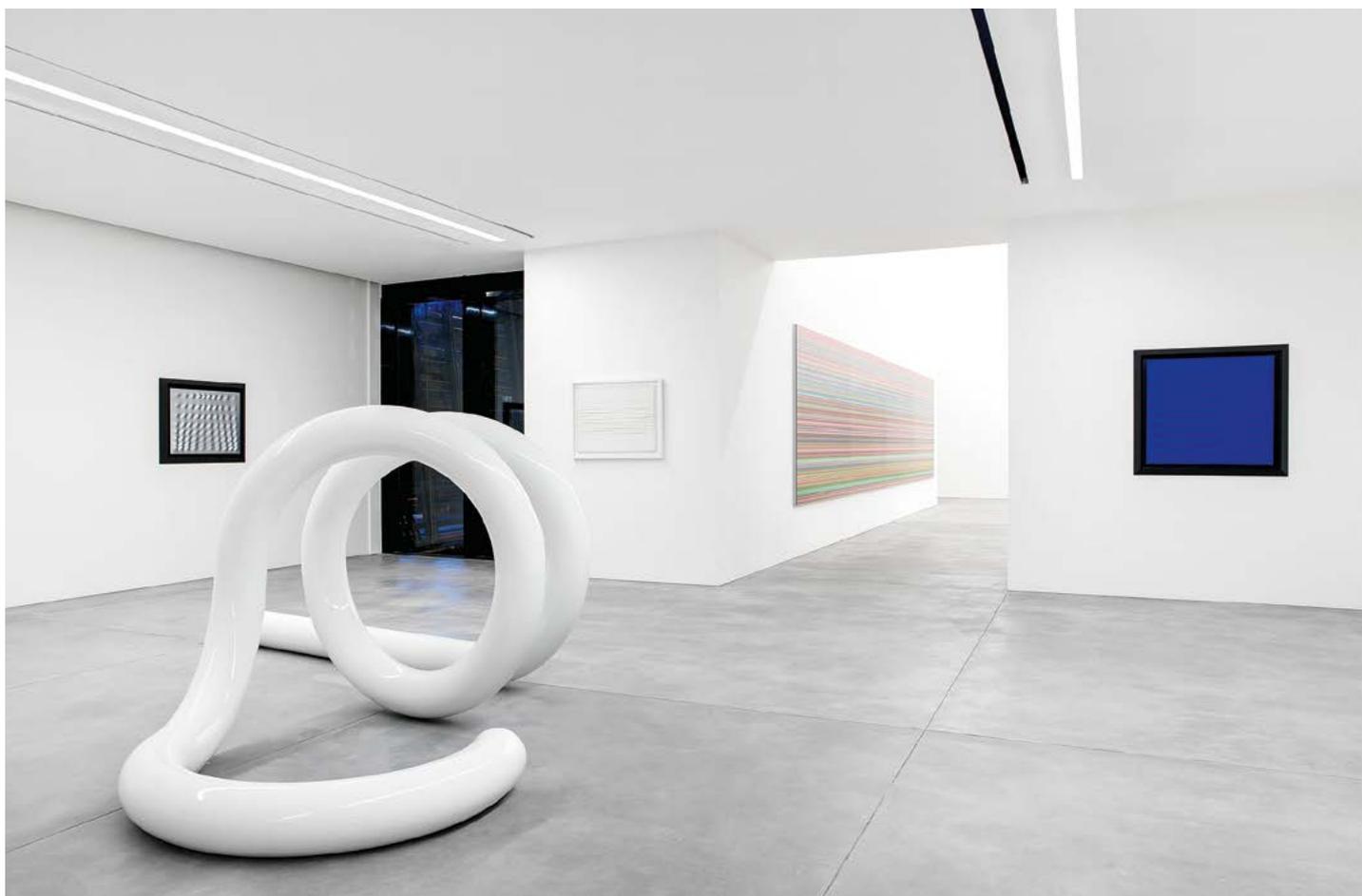
Sky Studios, London | GB

Architecture: Arup Associates, London | GB

Photo: Simon Kennedy







Light line flush with the ceiling

SLOTLIGHT infinity



It has never been easier to shape such a perfect light line without a cover frame. SLOTLIGHT infinity has been designed from scratch as a continuous light line for flush mounting with the ceiling. Any drywall builder will be perfectly familiar with the materials and methods that ensure a perfect transition between ceiling and luminaire. The luminaire's linear design is continued in a precisely defined shadow gap. Problems with the formation of cracks are now a thing of the past as well, as the luminaire is technically and thermally separated from the ceiling by a mounting frame. The final result is a high-grade lighting solution meticulously integrated into the interior design, which appears as a fully consistent light line to the beholder.



Drywall builders know all about this way of working. The recessed channel is plastered over for a perfect transition between the luminaire and the ceiling or the wall. The degree of protection is IP20 from above and IP54 from below. The standard luminaire is therefore suitable for outdoor use and for specification in damp rooms or hospitals.

From inside to outside

A wealth of possibilities

SLOTLIGHT infinity light lines with IP54 protection are resistant against spray water and dust. This means that they can also cope with the special conditions encountered in sheltered outdoor areas. The high degree of protection improves the durability and extends the service life of luminaire, while also making it possible to provide continuity between the lighting for indoor and outdoor areas.

A SLOTLIGHT infinity perfectly integrated into concrete is an elegant and architecturally sophisticated solution for corridors and circulation areas. Luminous corner connections open up whole new dimensions in design. The moulding channel, which is available in lengths of one, two, three or four metres, ensures precise and flush installation in concrete ceilings and walls.



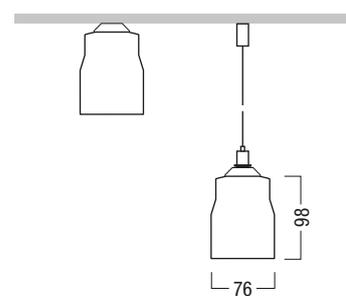


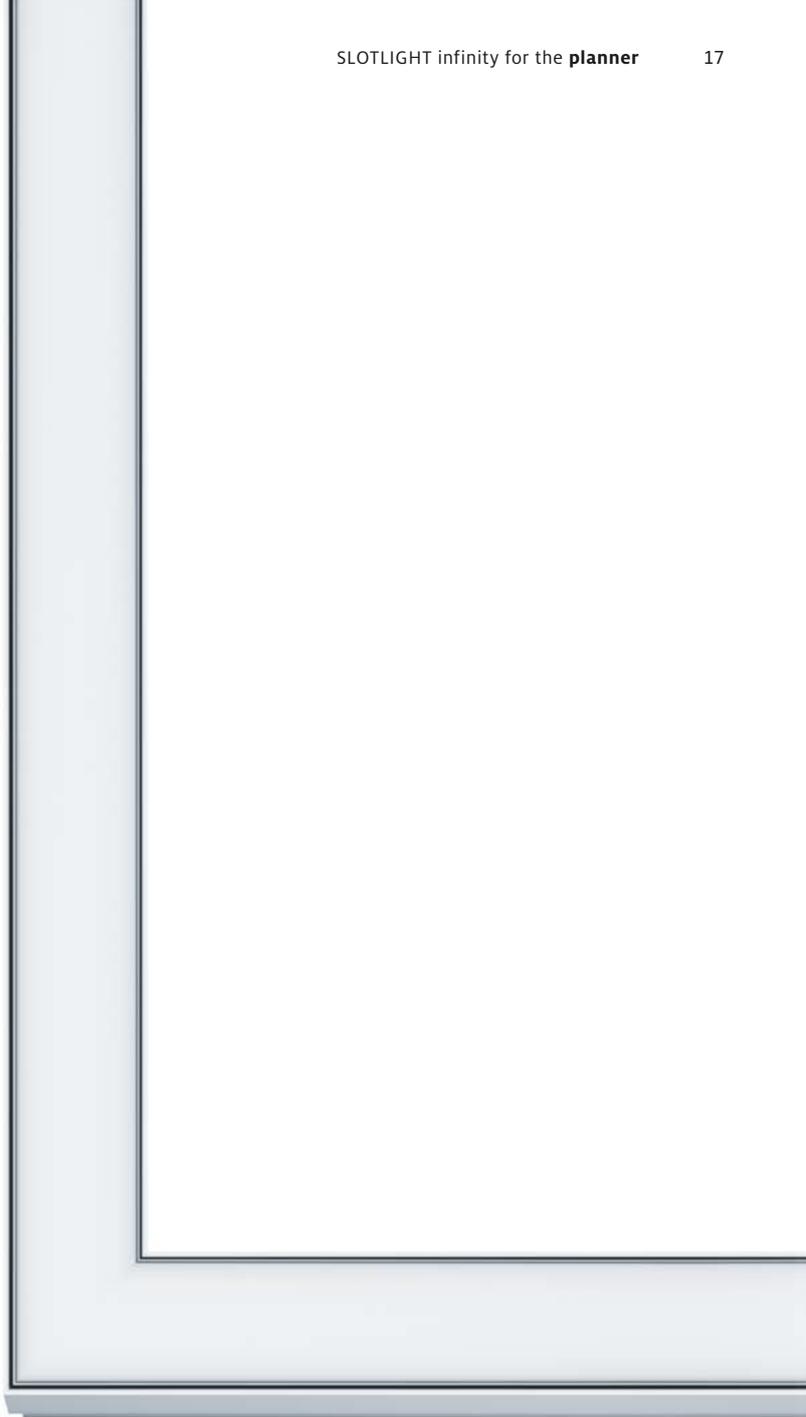
Surface-mounted and pendant luminaire

SLOTLIGHT infinity



As surface-mounted or pendant luminaire, SLOTLIGHT infinity achieves a completely new dimension of linearity: it is three-dimensional, linear and yet dynamic. In order to ensure material and colour consistency, the luminaire channel, front-end cap and cover sheet are made of powder-coated aluminium. Individual luminaires can be ordered easily with a single article number and are individually packed. Continuous rows are put together on site using several individual luminaires. Both the individual luminaire and the light line can be suspended using Zumtobel's tried-and-tested cord suspension kits.





SLOTLIGHT infinity knows how to take light round the corner, its illuminated L-connectors opening up new scope for creative design. Room geometries can be made clear more effectively, room zones can be redefined, and corner areas can be brought into sharper focus using light. The 90° angle modules are not merely connectors; they blend in as an integral part of the luminaire, their consistent, virtually end-to-end illumination being just as perfect as the dead straight light lines.

The entire spectrum of light

Optics and distribution characteristics change, the design remains

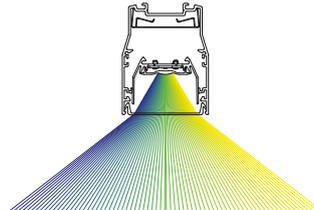
UGR < 25

Long light line:
Starting from 1 m in 250 mm increments

Optics length (roller blind):
6 m, 8 m, 10 m, 15 m, 20 m,
25 m, 30 m, 35 m, 40 m,
45 m, 50 m

Opal cover

The diffuse distribution lens distinguishes a SLOTLIGHT infinity as a simple and efficient light line with an homogeneous appearance. The application area ranges from reception areas, to corridors, to lounge areas and break-out zones.



UGR < 19 and

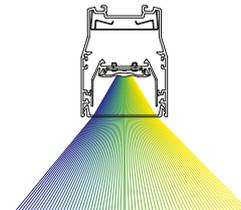
L65 < 3000 cd/m²

Long light line:
Starting from 1 m in 250 mm increments

Optics length (roller blind):
6 m, 10 m, 20 m

Cover for the office

With this cover, SLOTLIGHT infinity reduces the glare to UGR < 19 and thus ensures workplace lighting in accordance with EN12464:2011. The brilliantly appearing luminaire is ideal for offices, schools and meeting rooms.



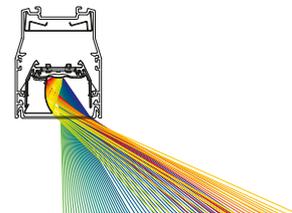
Long light line:

Starting from 1 m in 250 mm increments

Optics length (roller blind):
6 m, 10 m, 20 m

Decorative wall washer

The asymmetric distribution of the SLOTLIGHT infinity illuminates vertical wall areas or pictures evenly and, as a result, enhances traffic zones, for example. As the reflector is inside the luminaire, the wall washer is not recognisable as such from the outside.



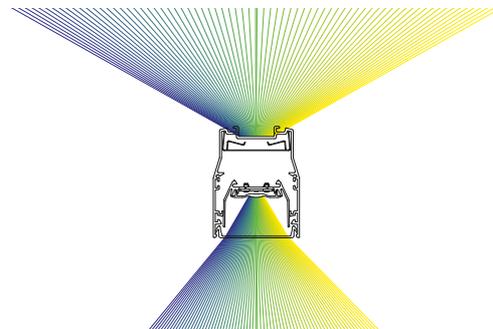
Long light line:

Starting from 1 m in 250 mm increments

Optics length (roller blind):
6 m, 8 m, 10 m, 15 m, 20 m,
25 m, 30 m, 35 m, 40 m,
45 m, 50 m

Direct/indirect beam SLOTLIGHT infinity

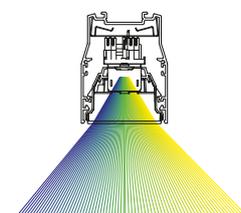
The direct/indirect beam SLOTLIGHT infinity offers maximum flexibility when lighting office areas and school classrooms. A large selection of design variants and PC, PCO and minicell optics enables it to cope with a wide range of lighting tasks. It is also possible to select mostly direct light distribution (DI 70/30) or more indirect light distribution (ID 70/30) – depending on whether more light is required at the workstation or on the ceiling.



Length of individual luminaire:
from 1 m in increments
of 250 mm

Minicell

The Minicell reflector enables best possible workplace lighting in accordance with EN12464:2011. Very high lumen packages of up to 3500 lumen per meter are possible with UGR < 19. In combination with a wide light distribution it ensures perfect homogeneity for offices, schools and meeting rooms.





Powerful lighting for offices and educational establishments

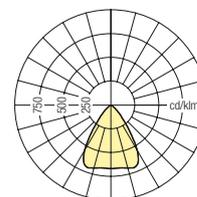
SLOTLIGHT infinity minicell

SLOTLIGHT infinity minicell is the product of the characteristic continuous light line of SLOTLIGHT infinity combined with a large lumen package. Specially developed for use in offices and schools. The ingenious minicell reflectors maintain the continuous light line, but with an increased lumen output of 3500 lm/m (2500 lm/m in the Slim version). Powerful elegance, versatile design.



Versatile individuality

The minicell reflectors have an impressively varied colour palette that can be combined in endless different ways. The classic colours of black, white and silver are available in high-gloss and matt versions. These can be configured with the different housing colours as required.



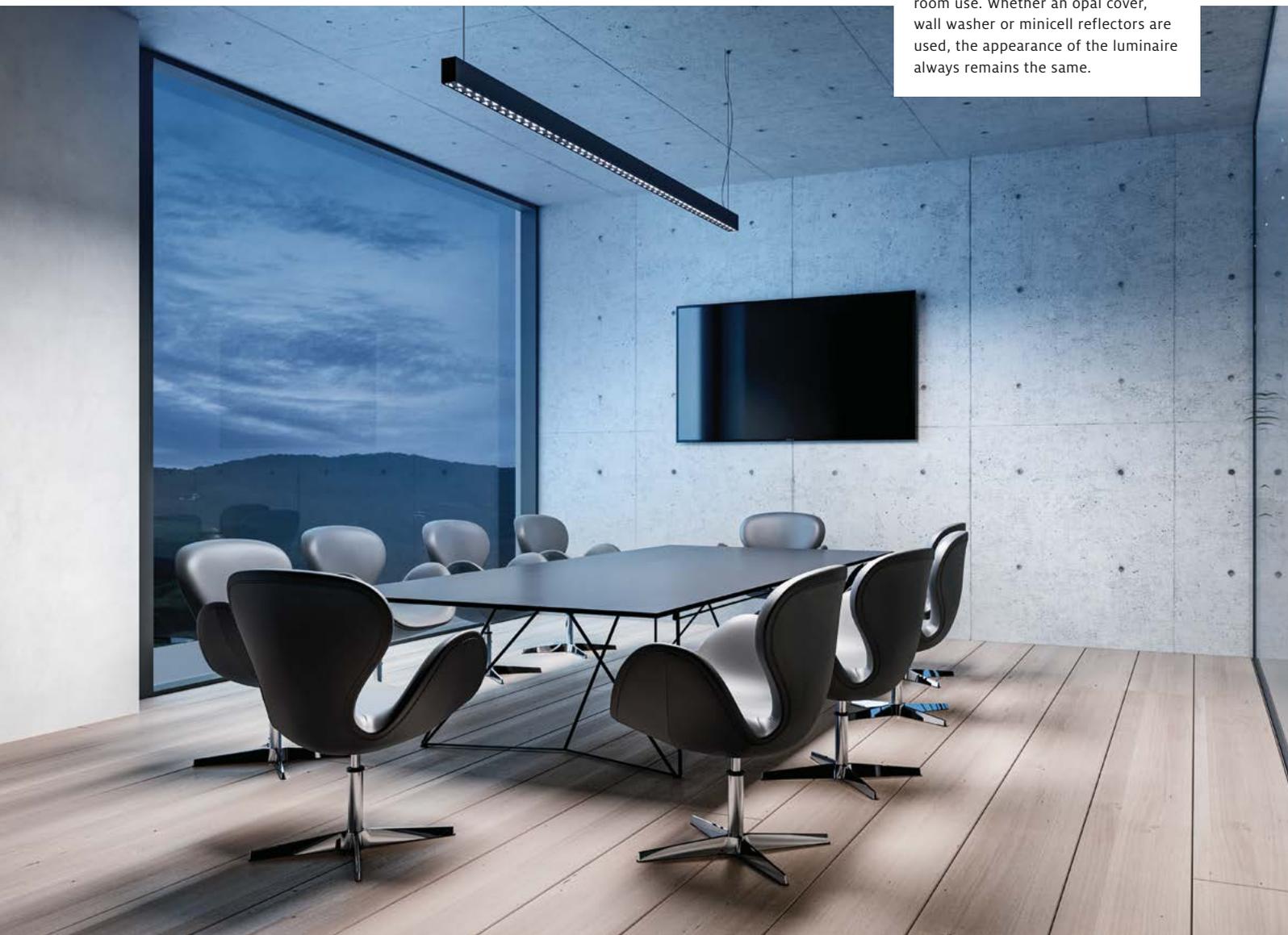
Maximum visual comfort

The minicell reflectors enable a lumen output of 3500 lm/m (2500 lm/m for the Slim version) that is three times higher than that of the standard luminaire, thus meeting the requirements of EN 12464:2011 for workplace lighting. The light distribution angle of 70° means that the luminaire can be used in any room layout.



Modular optics

The optics are modular in design and can be assembled to create the optimum light scene for any type of room use. Whether an opal cover, wall washer or minicell reflectors are used, the appearance of the luminaire always remains the same.



One unit, visually and functionally

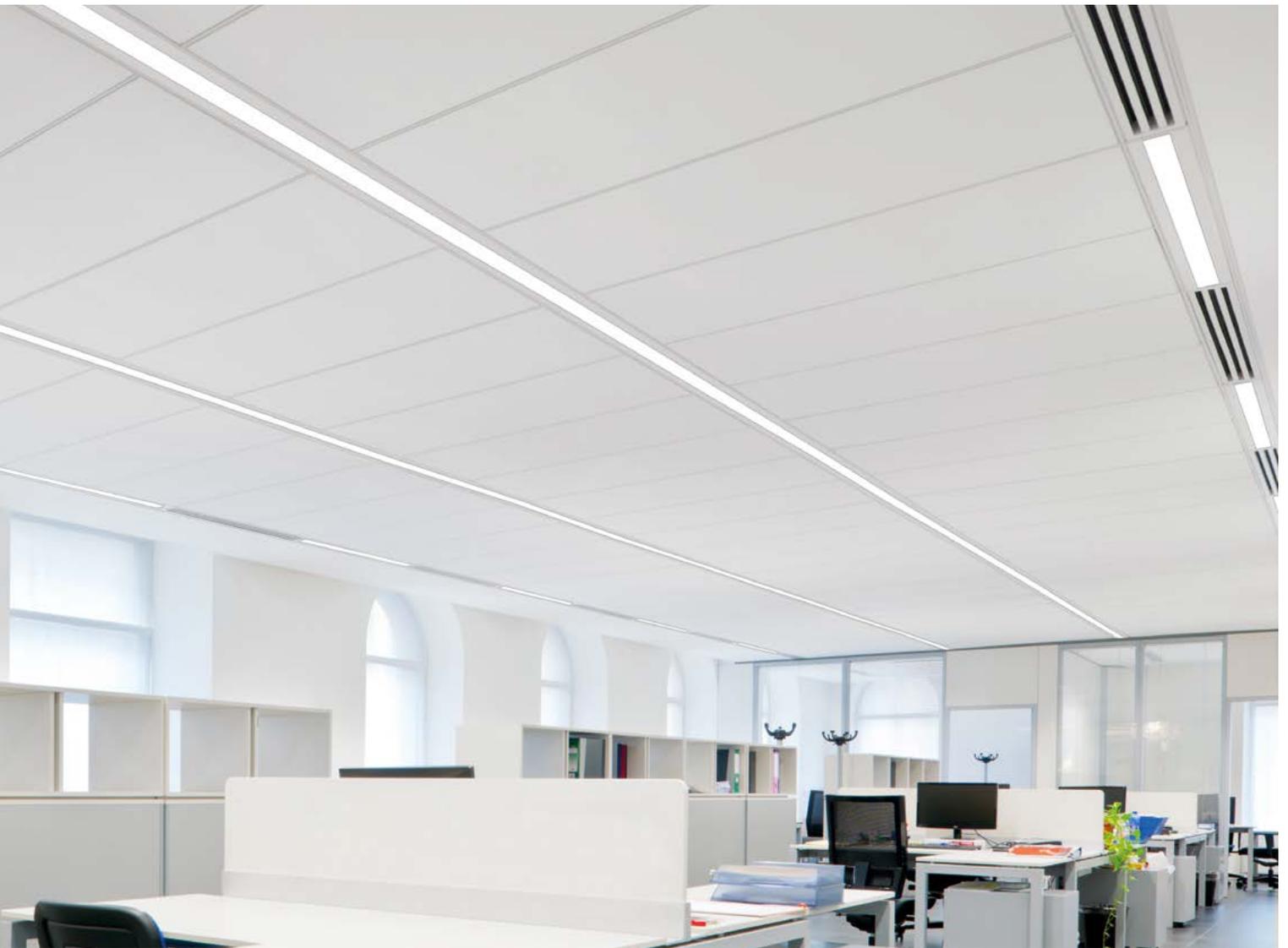
Light line and ceiling system

Modular ceiling systems and SLOTLIGHT light lines fit together perfectly: the surface is totally flat, each element is precisely positioned. The absolutely homogeneous light line forms an important foundation for an uncluttered ceiling appearance – even if various building services are integrated in the ceiling system. The cable channels are available as recessed luminaires and height-adjustable individual luminaires at a length of 1.20 m (suitable for standard ceiling modules M600) or in metre segments (250 mm increments from 1 m).



↑

The fast route to a precise ceiling solution goes via SLOTLIGHT light channels that adapt to room dimensions in 250 mm increments or with individual luminaires that can also alternate with ventilation elements.



© LBDI Communication - Armstrong



Light line as cable channel in metre segments:
250 mm increments from 1 m



Recessed luminaires and height-adjustable individual luminaires:
Length 1.20 m – suitable for standard ceiling modules (M600)

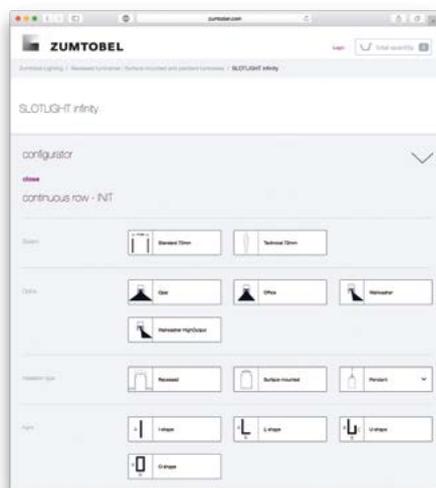
The simple configuration has a system

SLOTLIGHT infinity light lines

SLOTLIGHT infinity luminaire channels are already completely assembled and wired in the factory, fitted with control gear and loop-through wiring. On site, only the LED battens have to be fixed and the optic of the roller blind pressed in.

SLOTLIGHT infinity tunableWhite

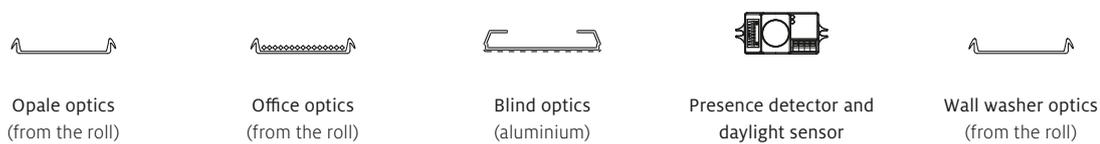
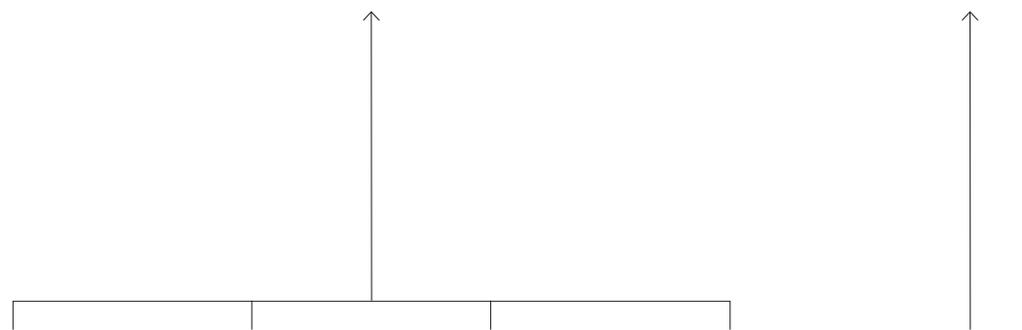
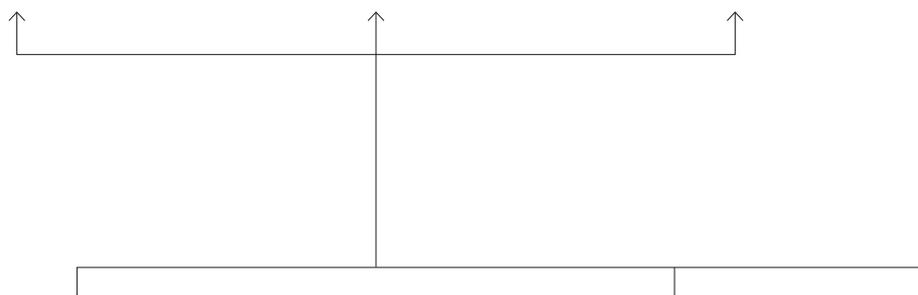
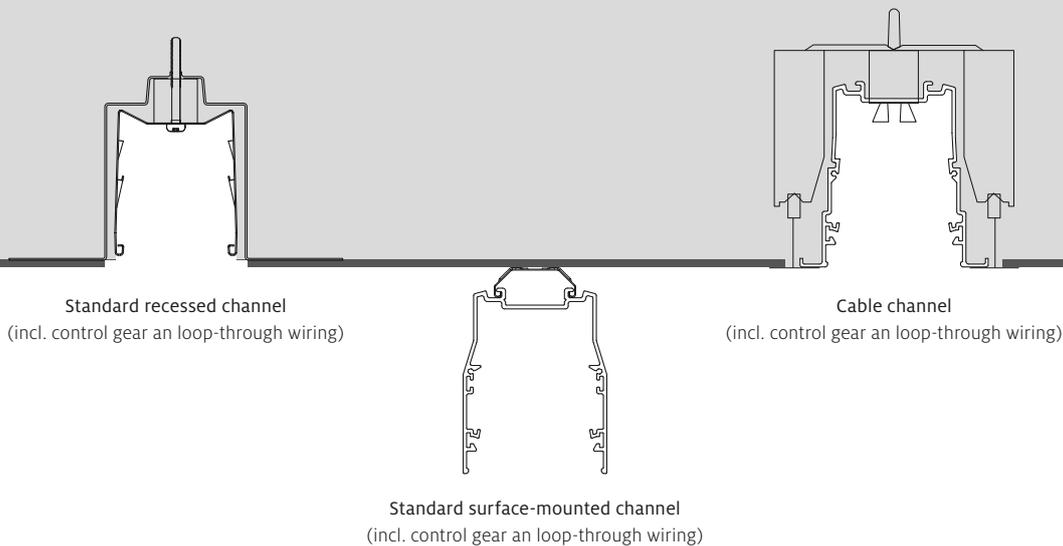
A separate modular system is offered for light lines with changing colour temperatures – with the same installation options, optics and sensors available with the standard LED battens.



Online Configurator

A SLOTLIGHT infinity lighting solution can be configured quickly with an easy to use interface on the Zumtobel website. Simply enter the dimensions of the desired light line and the configurator compiles a complete itemised list of components – for a linear light line as well as for light lines around corners, in U-shape or O-shape. The data can be exported in Excel or PDF format.

zumtobel.com/slotlightinfinity



Plan, order, install, think in metres

A new flexibility with SLOTLIGHT infinity

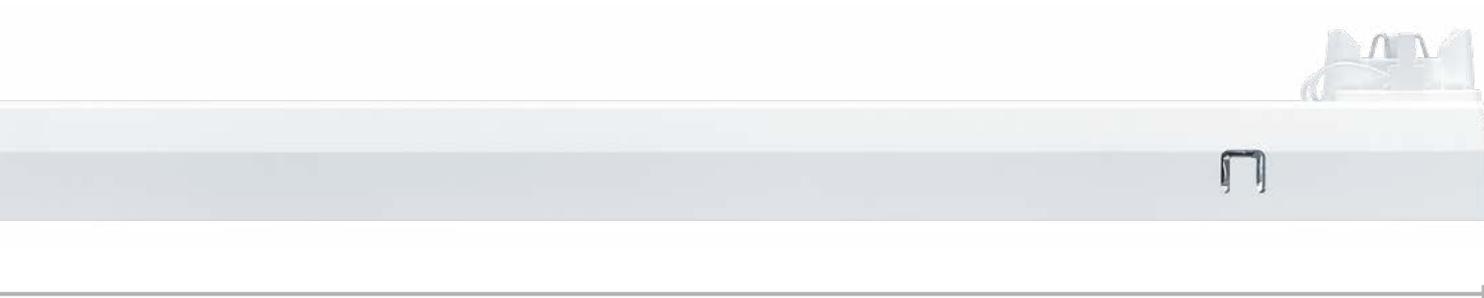


1 m LED batten

*1700 lumens **

With SLOTLIGHT infinity, light lines have achieved an absolutely new dimension of simplicity and flexibility: No longer subject to the fluorescent lamp standard lengths, the new LED light line skilfully guides the light through the room and even around corners as a perfectly designed recessed or surface-mounted luminaire. Designing and ordering the light line is quite easy and can be made in metres, according to requirements. This applies to the luminaire length as well as to illuminance levels or luminaire efficiency. As the LED light line is cut to standardised lengths in steps of 250 mm, it can be perfectly adjusted to the room dimensions.

* The lumen figures relate to light lines with an opal diffuser (PC) and a light colour of 4000 Kelvin.



Standard lengths for LED battens



1000 mm, 1700 lm *



750 mm, 1275 lm *



500 mm, 850 lm *



250 mm, 425 lm *

**Example:
Special length of 500 mm + 62.5 mm**



For an even more precise adaptation of the light line to the room dimensions, lengths starting from 250 mm in increments of only 62.5 mm are available as special design.

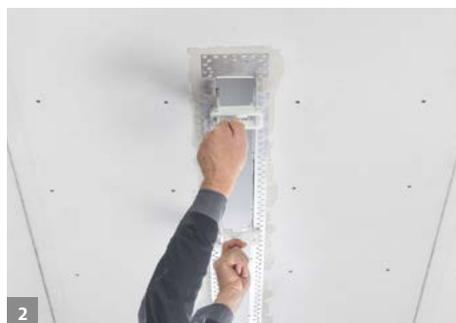
The drywall builder

High-precision work made really easy



Drywall builders know all about this way of working: the recessed channel is plastered over for a perfect transition between the luminaire and ceiling or wall. The degree of protection from above is IP20 and from below IP54. The standard luminaire is thus already suitable for outdoor use, for use in wet rooms or hospitals.

Thanks to SLOTLIGHT infinity, the former interplay between the drywall builder and the electrical installer required for installing a light line is now a thing of the past. Installation of the recessed luminaire now requires no more than one mounting step to be performed by each craftsman: first, the mounting frame is attached to the ceiling by the drywall builder. Only after the final painting of the ceiling does the electrical installer come in.



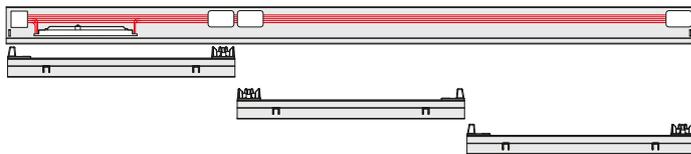
- 1 Mark the position of the luminaire and cut out the ceiling aperture.
- 2 Flush-mount the frame on the front sides, then insert the longitudinal sides and push into position using the spacer.
- 3 Insert the U-shaped plaster brackets for fastening the recessed channel, position them at predefined spacings and tighten screws from below.
- 4 Apply filler to fasten the mounting frame and smoothly grind the ceiling.
- 5 The drywall builder's work is now done, the ceiling just needs to be painted. Now it's the electrical installer's turn.



The electrical installer

Metre after metre in next to no time

Quick, simple and without mistakes: Tried and trusted assembly steps and the clear separation of drywall construction and luminaire installation save considerable time during installation and reduce the risk of errors. This method ensures a lasting ceiling appearance without any cracks. SLOTLIGHT infinity has been designed to be completely Plug & Play, which means that nothing more than a screwdriver is required. Therefore, as a first step, the luminaire channel is simply inserted into the mounting frame and fastened to the U-shaped plaster bracket using the slotted disk. Then the LED batten is pushed into place, the mechanical connection is completed, and through-wiring is effected by connecting all seven poles via one plug only.



The luminaire channel has already been electrified and fitted with all light sources, control gear and through-wiring have already been integrated as well.



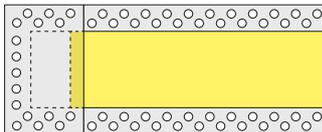
For a quick mechanical and electrical connection of continuous row channels and corner luminaires, the connector is simply moved to the right position and screwed on, before the 7-pole plug is inserted.



One continuous fifty-metre unit

Infinite optic

The optic of SLOTLIGHT infinity is supplied as a continuous 50-metre diffuser roll – for easy installation of a continuous LED light line by one person only. The rolls are available in lengths of 6, 8, 10, 15, 20, 25, 30, 35, 40, 45 and 50 metres. Special continuous units up to 100 metres in length are available on request. They can easily be cut to length with a box cutter. The diffuser is made of unbreakable and flexible PC, black sealing rims protect the luminaire's interior against the accumulation of dust. The luminaire is protected against dirt by a blue protective film until completion of construction work.



A front-end piece skilfully hides the end of the diffuser, while at the same time providing sufficient space for thermal expansion. Cracks in the ceiling around the luminaire caused by temperature fluctuations are thus a thing of the past.



The blue protective film protects the luminaire against dirt until completion of construction work.

Complete solution

Emergency lighting and sensors



Wall mounting

A new feature is that SLOTLIGHT infinity can also be installed vertically and thus in any position. For vertical installation in the wall, simply attach the wall mounting springs available as accessories in the channel and then press in the LED batten. The new type of installation provides the possibility to draw a continuous line from the ceiling into the wall.

Emergency lighting

To use SLOTLIGHT infinity as an emergency luminaire with a central battery power supply, technical channels and surface-mounted, recessed or pendant luminaires can simply be fitted with the appropriate control gear. For a self-contained solution, the 2-metre channel of the SLOTLIGHT infinity can be supplied with power locally via an NT3 single battery.



Ball-proof versions (BWS)

SLOTLIGHT infinity BWS is secured by a special end cap and an additional screw fitting. Standard individual luminaires are already ball-proof, while ball-proof versions of continuous-row solutions are available on request.



Presence detectors and daylight sensors

Presence detectors and daylight sensors that can be positioned at the start or end of every batten increase comfort and energy efficiency. Thereby, one or more SLOTLIGHT infinity luminaires can be switched on or off and dimmed from 100 to 1 percent without additional light control. The sensors are suitable for typical heights of 2.5 to 6 metres and have an average detection range of 8 to 10 metres. Both the delay time as well as the detection range can be adjusted manually.

Refurbishment of SLOTLIGHT I and SLOTLIGHT II light lines

Refurbishment Kit

The perfectly continuous LED light line available today was made possible by its predecessors SLOTLIGHT I and II. Due to installation of T16 fluorescent lamps or diffusers in a row, the consistent appearance was broken by butt joints or dark spots. The refurbishment kit now allows easy conversion from a conventional solution to an efficient and consistent LED solution. No modifications are made to the ceiling or luminaire housing – only the LED batten luminaires and electrical wiring are replaced and securely sealed using a new diffuser.

116 lm/W SLOTLIGHT Refurbishment Kit

41 lm/W SLOTLIGHT T16

Extremely efficient

Compared with a T16 continuous-row system with 41 lm/W, SLOTLIGHT II LED provides a luminaire efficiency of 116 lm/W or more.





SLOTLIGHT infinity slim

Extremely narrow LED light line



Consistently precise light lines are modern architecture lighting tools. SLOTLIGHT infinity slim is one third slimmer again than the standard family. As 45 mm slim design element, SLOTLIGHT infinity slim has the potential for virtually unlimited creativity: The functional lighting tool can also be very elegantly integrated in jointed ceilings.

SLOTLIGHT infinity slim

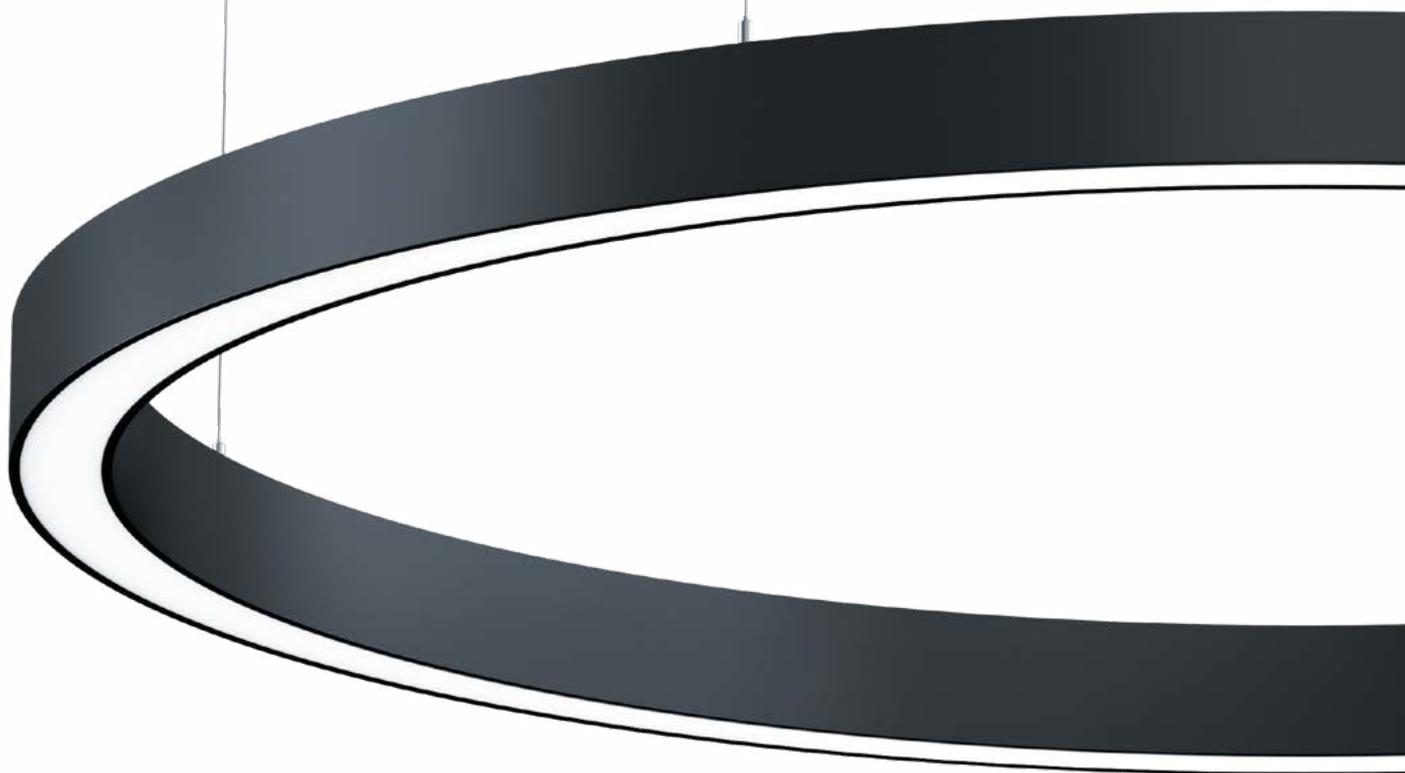
Designs	Linear and corner
Lengths	Starting from 1 m in 250 mm increments
Installation	Recessed, surface-mounted and pendant
Optics	Opal cover, Office cover, wallwasher cover
Colour temperatures	2700 K, 3000 K, 4000 K
Lumen packages	1700 lumens/metre with the opal cover (4000 K) 1600 lumens/metre with the office cover (4000 K)



Figure 1:1

A luminous beacon of tranquillity

SLOTLIGHT round



Thanks to its design, the surface-mounted and pendant luminaire rounds off the SLOTLIGHT portfolio in the most literal sense. No beginning. No end. The luminous circle is an emotive eye-catcher that enhances entrance areas, offices, meeting and recreation rooms, canteens and retirement homes. And you can have more than one, of course. SLOTLIGHT round combines aesthetics and functionality, using direct and indirect light, high luminous flux and good glare control to handle challenging visual tasks and create a pleasant atmosphere.

Diameter	800 mm, 1200 mm, 1500 mm
Mounting	Surface-mounted, pendant
Housing colours	Black, white, silver and bronze on request
Optics	MPO, opal
Colour temperatures	3000 K, 4000 K, 2700–6500 K on request
Luminaire luminous flux	Pendant: 6400 lm, 7400 lm, 9400 lm Surface-mounted: 4500 lm, 6500 lm, 8500 lm



Ø 800 mm



Ø 1200 mm



Ø 1500 mm



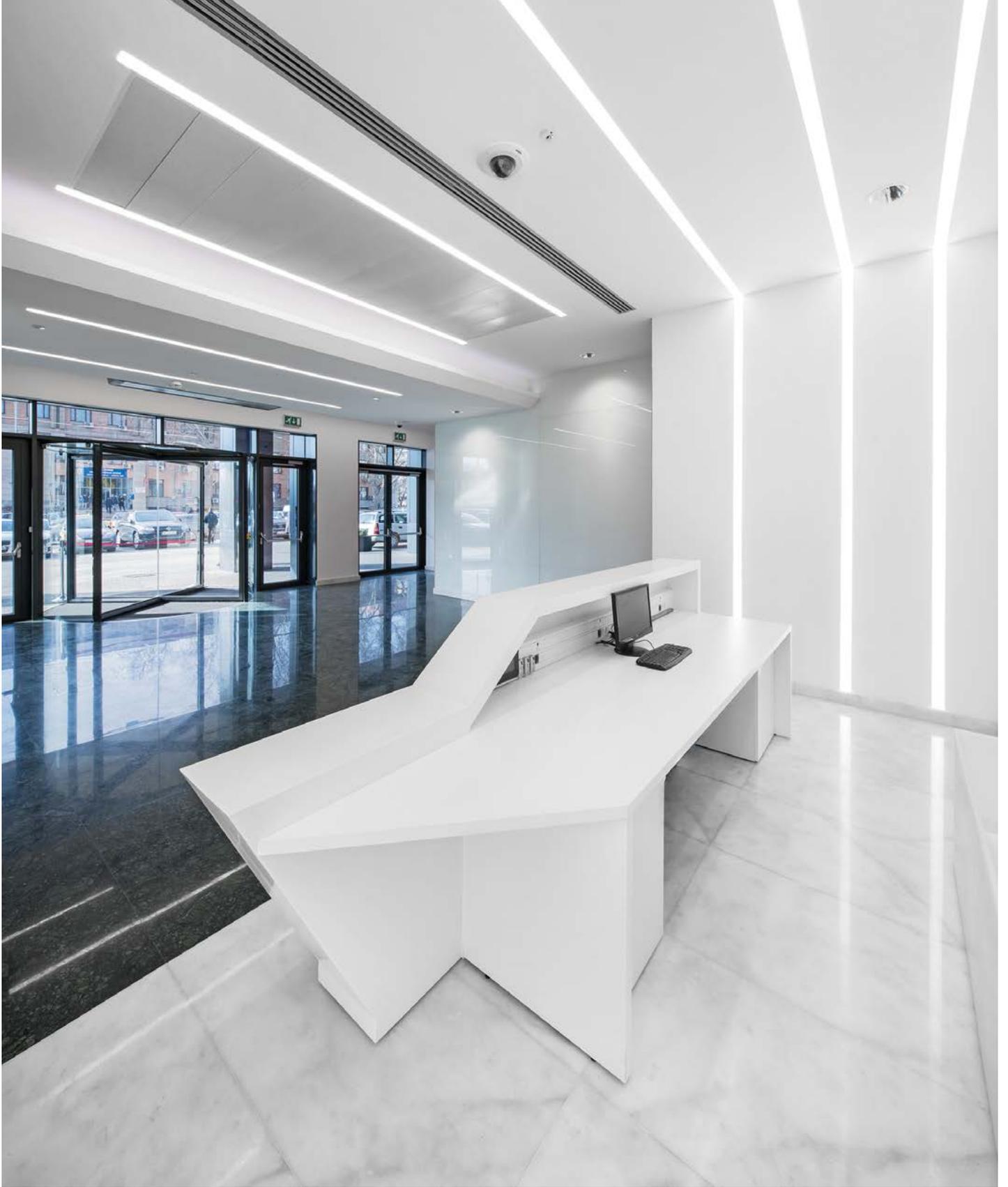


Moldova Business Center, Iași | RO

Lighting design and electrical consultants: H&D Cons, Bucharest | RO

Architecture: VSA, Bucharest | RO

Electrical installation: DAS, Iași | RO



Seamless lines

SLOTLIGHT infinity is the world's first continuous light line: up to 100 metres in length, completely without shadows, interruptions and gaps. The unique design guarantees perfect integration into plasterboard ceilings and ceiling modules.

Versatile use

A modular system with a range of different installation options, designs, optics and light colours makes the SLOTLIGHT infinity a universal lighting solution. With optimum glare suppression ($UGR < 19$, $L65 < 3000 \text{ cd/m}^2$), the office optic satisfies the requirements for EN 12464-compatible lighting.

Easy planning

Light lines measuring one metre and longer can be ordered with specific lengths at 250-millimetre intervals to simplify individual planning. Special designs offer even greater flexibility, enabling lengths to be freely defined in steps of 62.5 millimetres.

Easy to install

Thanks to the new design of the SLOTLIGHT infinity recessed luminaire, drywall builders and electricians can carry out their work independently of each other. The electrician only needs a screwdriver to install the luminaire.

Plug & Play

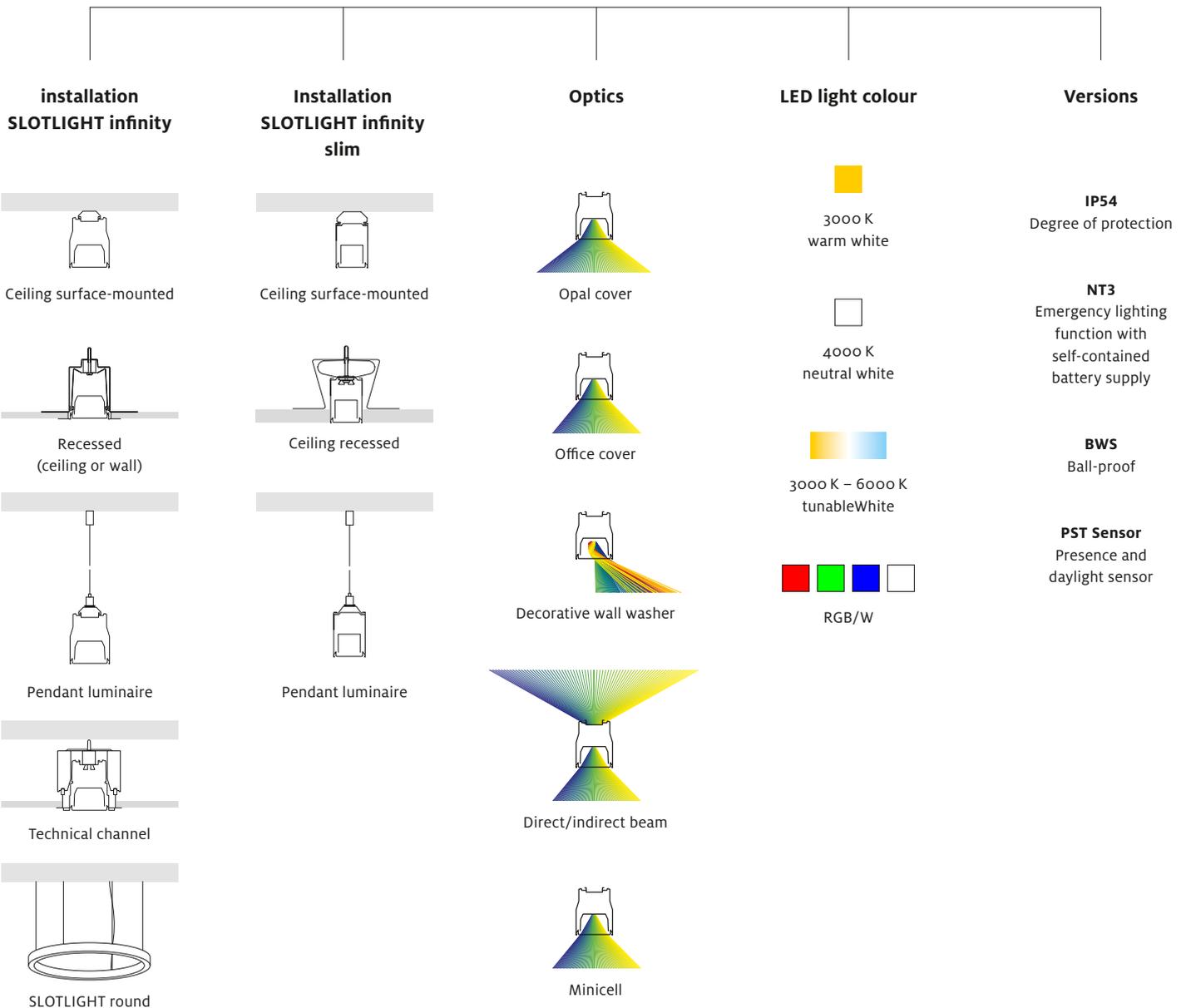
The integrated through-wiring reduces installation work to a minimum. Click-in LED battens deliver additional time savings. DALI addressing also takes no time at all, as a 4-metre channel only requires one converter.



SLOTLIGHT infinity

Recessed, surface-mounted and pendant luminaire

Overview SLOTLIGHT infinity



T H E L I G H T



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