

WILA

C1 Catalogue

“Individuality
cannot be had
without personality.”

Friedrich Daniel Ernst Schleiermacher (1768 - 1834),
German theologian, philosopher, state theorist and pedagogue.

About us

Your Partner for Individual Lighting Solutions
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Attachments

Lighting Techniques Page 232
Operation Techniques Page 238
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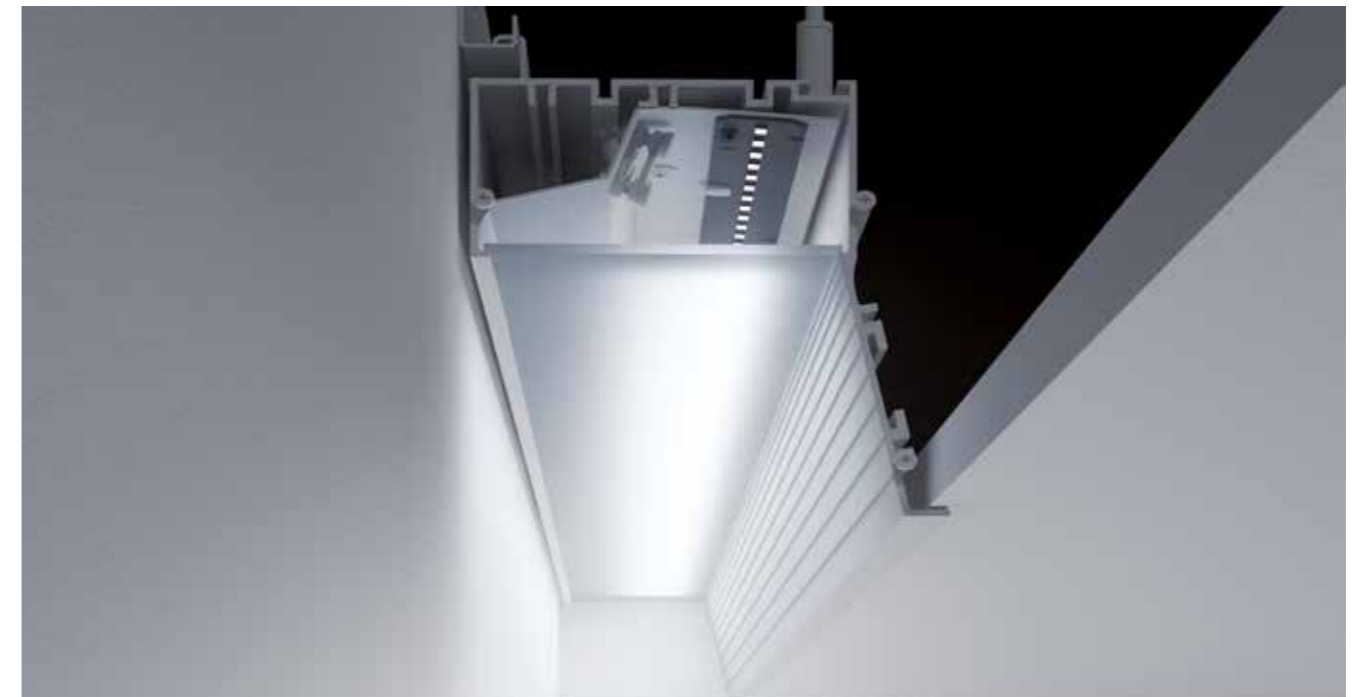
Standard Luminaires

LED

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Individual Product Solutions

Project-specific product developments
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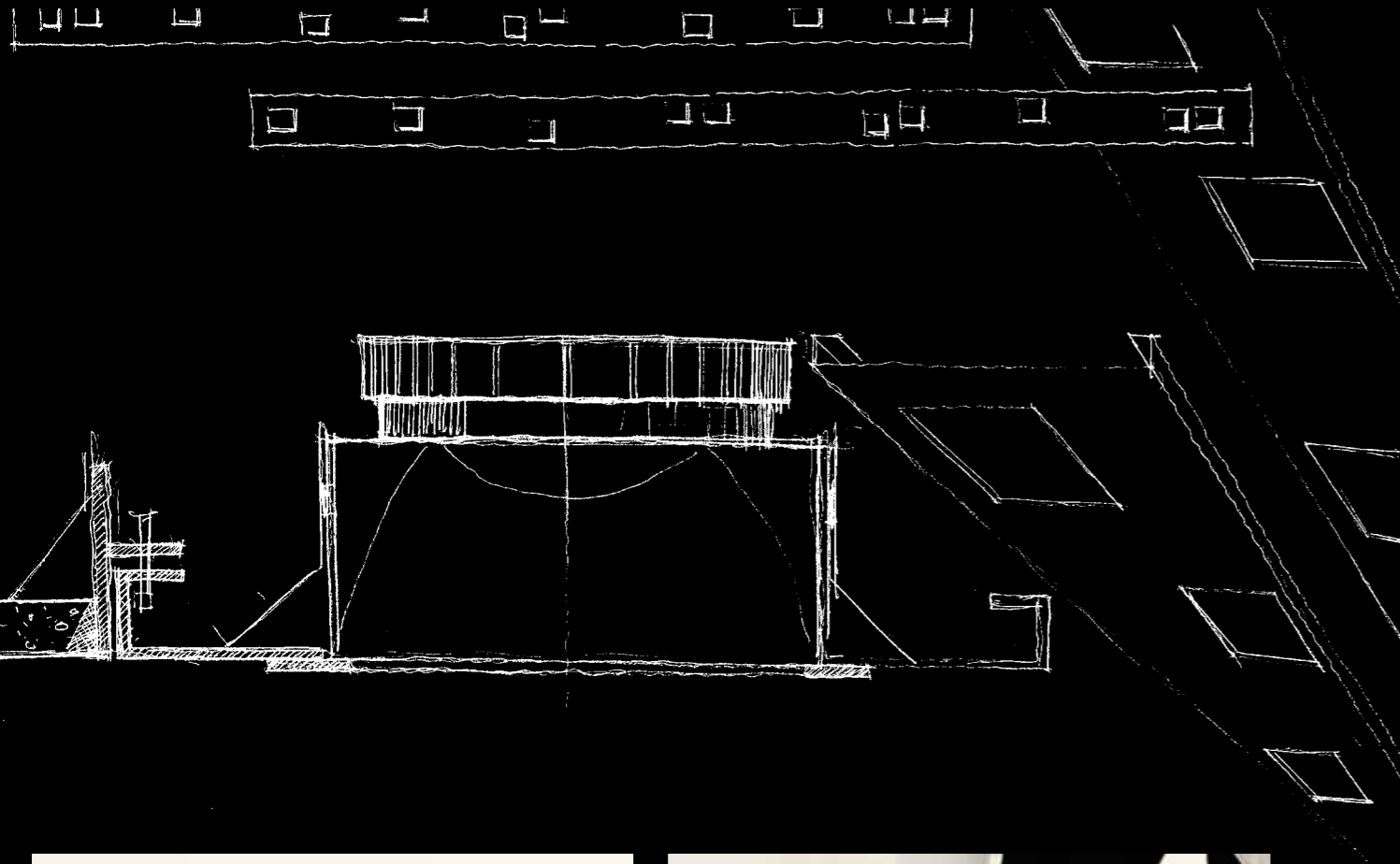


Knowledge

Information about Products, Media
and WILA Page 290

Your **Partner** for Individual Lighting Solutions

WILA aims to improve the visual environment by tailoring it to individual needs. As individual lighting specialists, we can assist clients from all walks of life to implement their personal lighting ambitions.



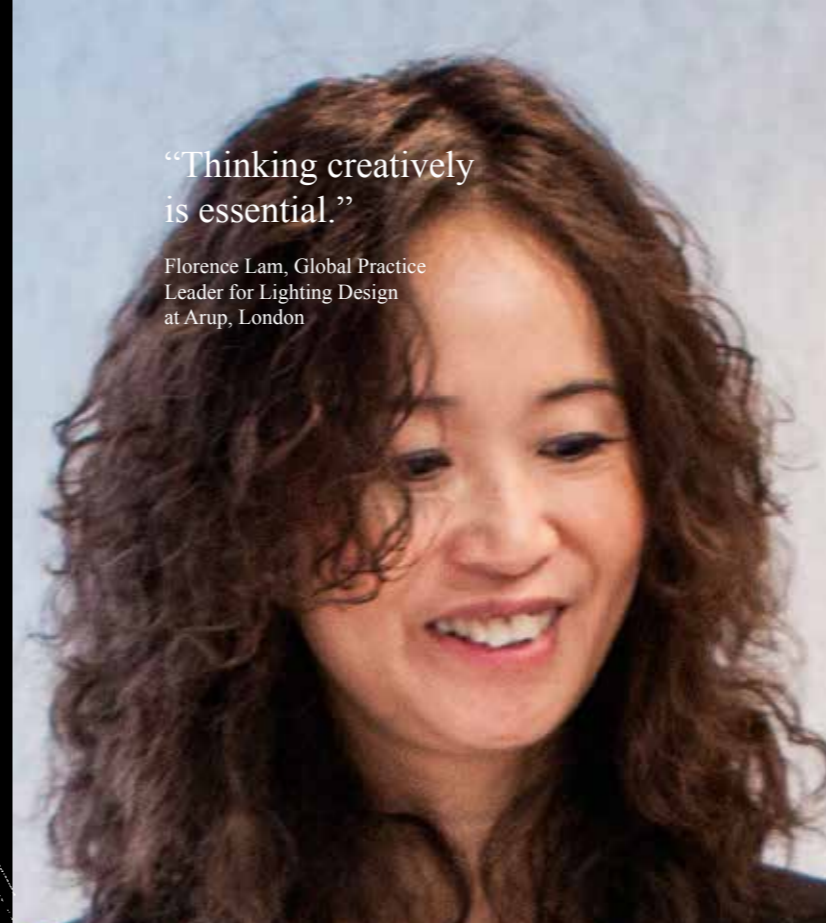
“Quality of Interiors = Interior Design Concept + Light Concept”

Ralf Schoofs, Interior Designer, Lighting Designer and Owner of Rhein Licht, Dusseldorf



“Thinking creatively is essential.”

Florence Lam, Global Practice Leader for Lighting Design at Arup, London



“We want to be part of the project, not just manage it.”

Wilfried Kramb, Lighting Designer and co-founder of a.g Licht, Bonn



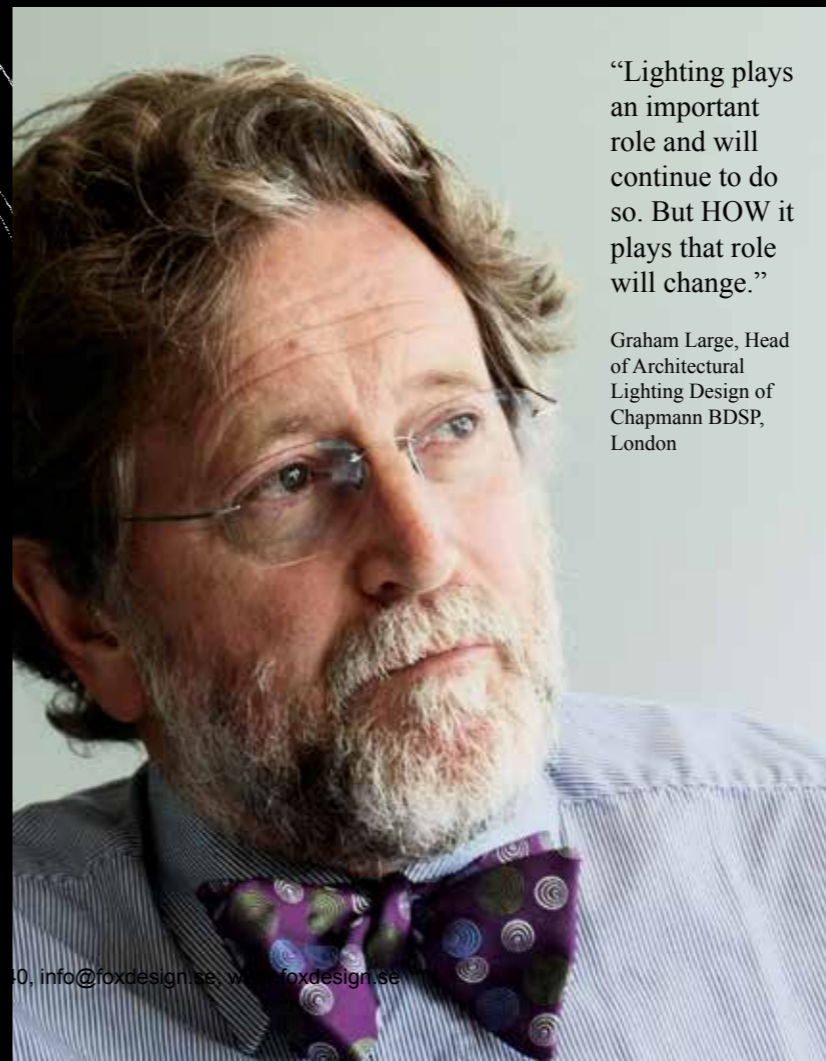
In **Dialogue**

Individual lighting is enriching and inspiring, but it is often associated with a high level of complexity. We achieve this by engaging in an intensive dialogue with all parties involved in the design of buildings and with the lighting design professionals.

Note: All Interviews can be found on the Internet at www.wila.com/Knowledge/Interviews

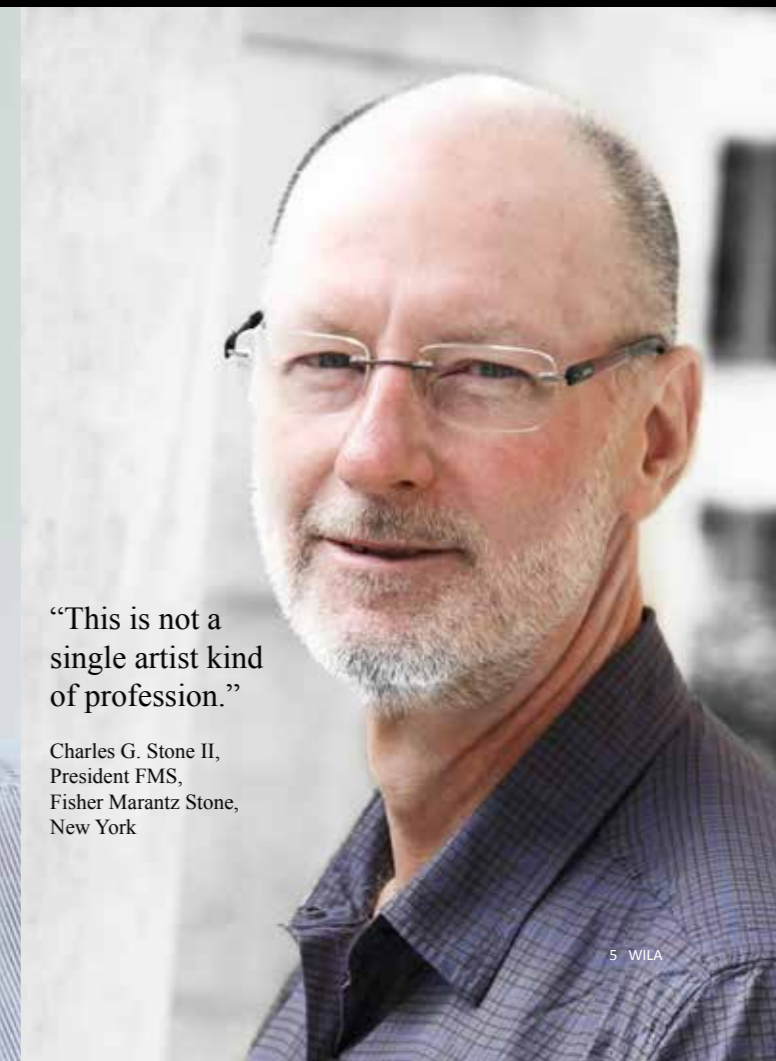
“Lighting plays an important role and will continue to do so. But HOW it plays that role will change.”

Graham Large, Head of Architectural Lighting Design of Chapmann BDSP, London



“This is not a single artist kind of profession.”

Charles G. Stone II, President FMS, Fisher Marantz Stone, New York



In Good Hands

WILA operates an in-house design and development department as, well as a team of specialists for engineering custom solutions so as to be able to respond to your demands quickly and reliably. The manufacturing of component, assembly of finished luminaires are both done in-house and to the highest quality levels. To meet these quality claims WILA runs its own laboratory for photometric and thermal system development and measurements in accordance with international standards. WILA operates at a total of three sites employing over 150 employees and is represented by partners in more than 40 countries.



WILA Lichttechnik GmbH, Iserlohn, Germany



WILA Lighting Limited, Wantage, United Kingdom



Freedom to Design

WILA provides lighting professionals with the tools they need for attaining ample design freedom for their own, tailor-made lighting projects being convinced that WILA's products and services are safe and reliable and of sustained quality and efficient performance.

Design: integrative

Our products are oriented towards the needs and expectations of lighting professionals, e.g. lighting designers, electrical planners or architects amongst others. The international design awards we have received are evidence of our high-quality design.

Thanks to WILA design all product functionalities are easy to understand and straightforward to handle. The aesthetic features convey our attitude to design and quality: harmonious integration into the individual context of the given architectural concept.

Technology: flexible

In line with our principle of "modular systems with standardised interfaces" our products are made up of multi-purpose "scalable components". This allows for a high degree of customisable, project-specific variants combined with high quality standards and acceptable pricing.

WILA products use the latest, reliable version of advanced and innovative technologies in terms of light quality, luminous output, durability and mounting technology. By doing this we meet individual customer requests or architectural requirements with highest visual comfort and individual functional lighting while meeting international standards as well as psychological and physiological requirements.

Efficiency: optimised

WILA focuses on smart engineering processes in order to achieve a high degree of robust stability with a minimum of resource and material input. We capitalise on know-how from bionics research, and new manufacturing processes to innovative materials. Our approach to product efficiency also aims to meet your personal expectations: easy assembly, installation and maintenance, low energy consumption, high flexibility as well as sustainable performance. Add to this the fact that all WILA products feature as compact a design as possible, and you benefit from optimised value for money.

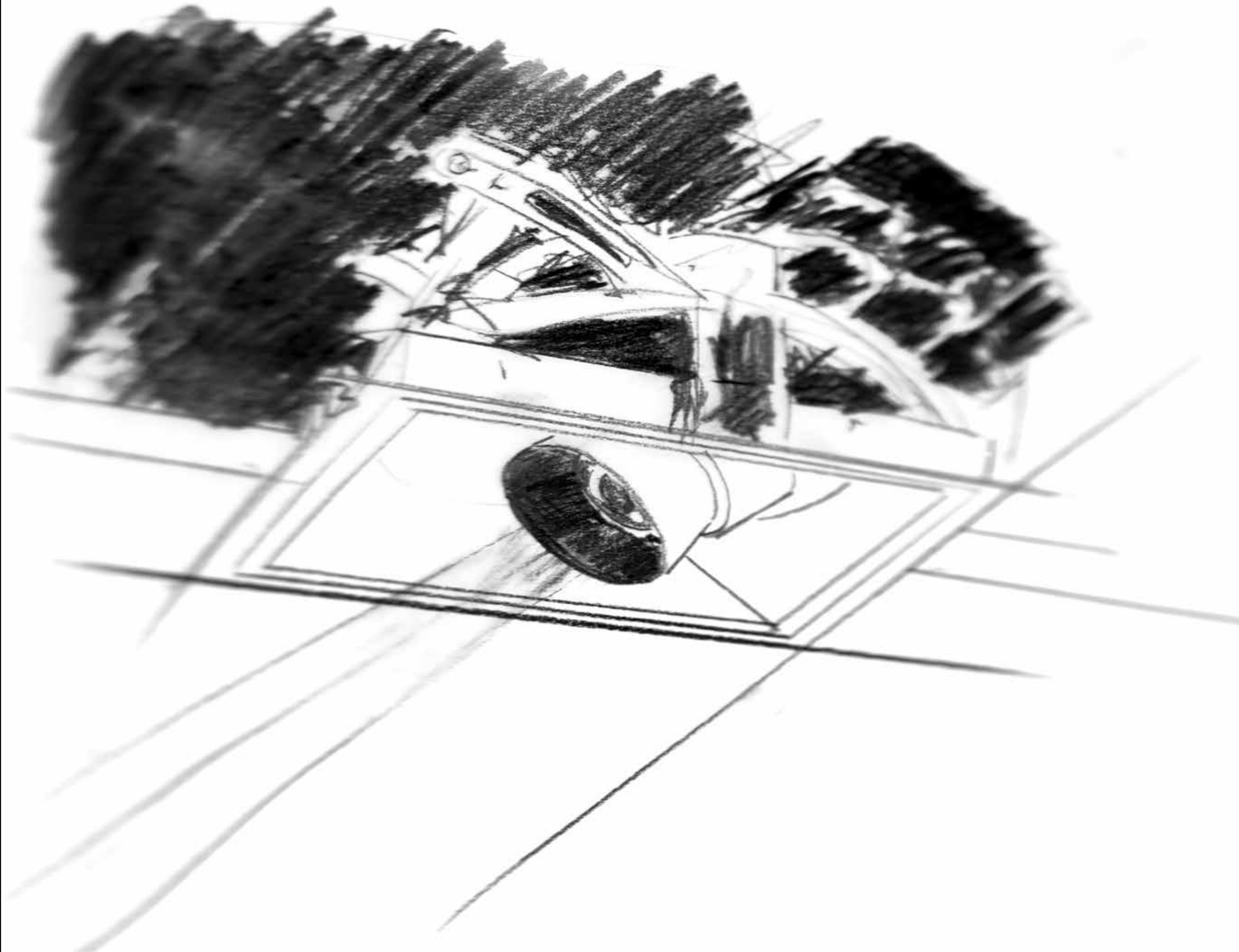


GOOD DESIGN Award 2014

Standard Luminaires

LED [Page 10](#)

Fluorescent Lamps [Page 200](#)



LED

■ Accent Illumination
■ General Illumination

αbet focus	spectra	zono	Tentec accent	zono	cirLet	Flat Light	Nero Accent	Puck	Transpa-rency	Linic System	Ingenic	Variatic	T-BAR
Variable Precise Lens Technology 9° - 60°	Maximum Light and Colour Quality, Ra 98, 1 x 2 SDCM	Highest Level of Visual Comfort with maximum Efficiency	Economical Approach to Accent Lighting	Economical Approach to General Lighting	Two Functions in only one Housing	Architectural Accents in Flat Form	Small-Format Lighting for Orientation	Luminaires for Handrails and more	Transparent Pendant Luminaire	Modular Light Duct	Tailor-made in different Design Characteristics	Approach to Office Lighting	Minimalist Look in Ceiling Systems
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Pendant Luminaires									Page 186	Page 190	Page 196	Page 194		
Wall/Surface Mounted Luminaires						Page 178								
Wall/Floor Recessed Luminaires							Page 180 182 Q1/3/5 R1/3/5							
Luminaires for Handrails								Page 184						

Product Highlights	 Fully recessed Adjustable Spotlights Page 146, 148	 WarmDim 3000 K - 1800 K Page 158	 Insect-proof Page 167	 Recessed Adjustable Spotlights Page 168, 170	 Decorative Equipment Page 173, 176	 Dual Light Page 82								
	 Recessed Adjustable Spotlights Page 149	 Recessed Adjustable Spotlights Page 155	 49 mm Recessed Depth Page 162			 Multifunctional Inserts Page 80								
	 Wallwasher Page 147, 149	 Wallwasher-Downlight Page 246	 Decorative Equipment Page 162											

The Systematics of Light

WILA offers product families with various performance characteristics geared to a variety of lighting tasks. This page is designed to help you identify the product that fits your purpose. Find a detailed overview of these products and a complete synopsis of all of WILA's product families for LED on the previous double page and for fluorescent lamps see Page 101.

Downlight LED-Program

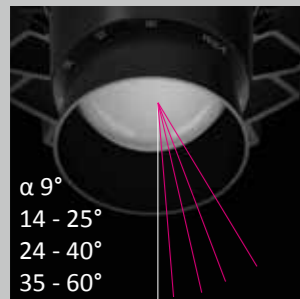
Accent Illumination



General Illumination



The extensive Luminaire Series for sophisticated Lighting Design



αbet focus

Variable Precise Lens Technology
9° - 60°



αbet zono

Highest level of Visual Comfort with maximum Efficiency
γ 65° < 1000 cd/m², UGR < 19



αbet spectra

Maximum Light and Colour Quality, CRI98, 1 x 2 SDCM

The luminaire range for basic illumination



Tentec accent

Approach to Accent Lighting



Tentec zono

Economical approach to General Lighting

Linear LED-Program

Office



Walkways and Communication Zones

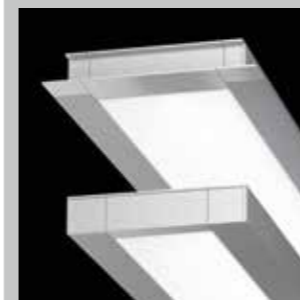


The versatile and specialised Luminaire Series for sophisticated Lighting Design



Transparency

Transparent Pendant Luminaire as part of the Architectural Design



Ingenic

Surface Mounted and Pendant Luminaires in different Design Characteristics



Linc System

Modular Light Duct

The Luminaire Range for basic Illumination



Variatic

Approach to Office Lighting



T-BAR

Recessed Luminaires for minimalistic look in Ceiling Systems

abet focus

Product Data from Page 146

177 mm Q15

127 mm Q10

Fox Design AB Telefonplan +46 84408540, info@foxdesign.se, www.foxdesign.se

172 mm R15

127 mm R10

The Language of Light

Words, the basis of verbal communication, are formed from correctly combined graphic symbols. In lighting terms, visual communication is the result of the design-driven and functional integration of the appropriate luminaires in an architectural context. WILA's alphabet product family provides the "Tools of Light" so as to achieve lighting perfection.

Precise Quality of Light

High-quality light is the prerequisite for an appropriate visual perception. Precisely attuned qualities of light allow surroundings to be used effectively and enhance their architectural qualities. Homogeneous light output, excellent colour rendering and individual adjustment are the key features of this outstanding range.



Wallwasher
for homogeneous Wall Illumination



Downlights
for General Illumination



Adjustable Spotlights
for Accent Illumination



PLT Precision Lens Technology

Individually and precisely focusable - the centrepiece of the new photometric system is the variable focusing unit. Comparable a camera lens, the unit can be infinitely varied so as to achieve various beam angles, even retroactively. In this way illumination of objects and surfaces can be designed individually and with maximum precision.



Focus α 9°
Brilliant spot focuses attention on the essentials



Accent Lighting $14^\circ < \alpha < 25^\circ$
Narrow beam to direct the attention to the object



Accent Lighting $24^\circ < \alpha < 40^\circ$
Objects and pictures are deliberately highlighted



Ambient Lighting $35^\circ < \alpha < 60^\circ$
Absolutely uniform illumination, UGR < 19



Design Quality in Detail

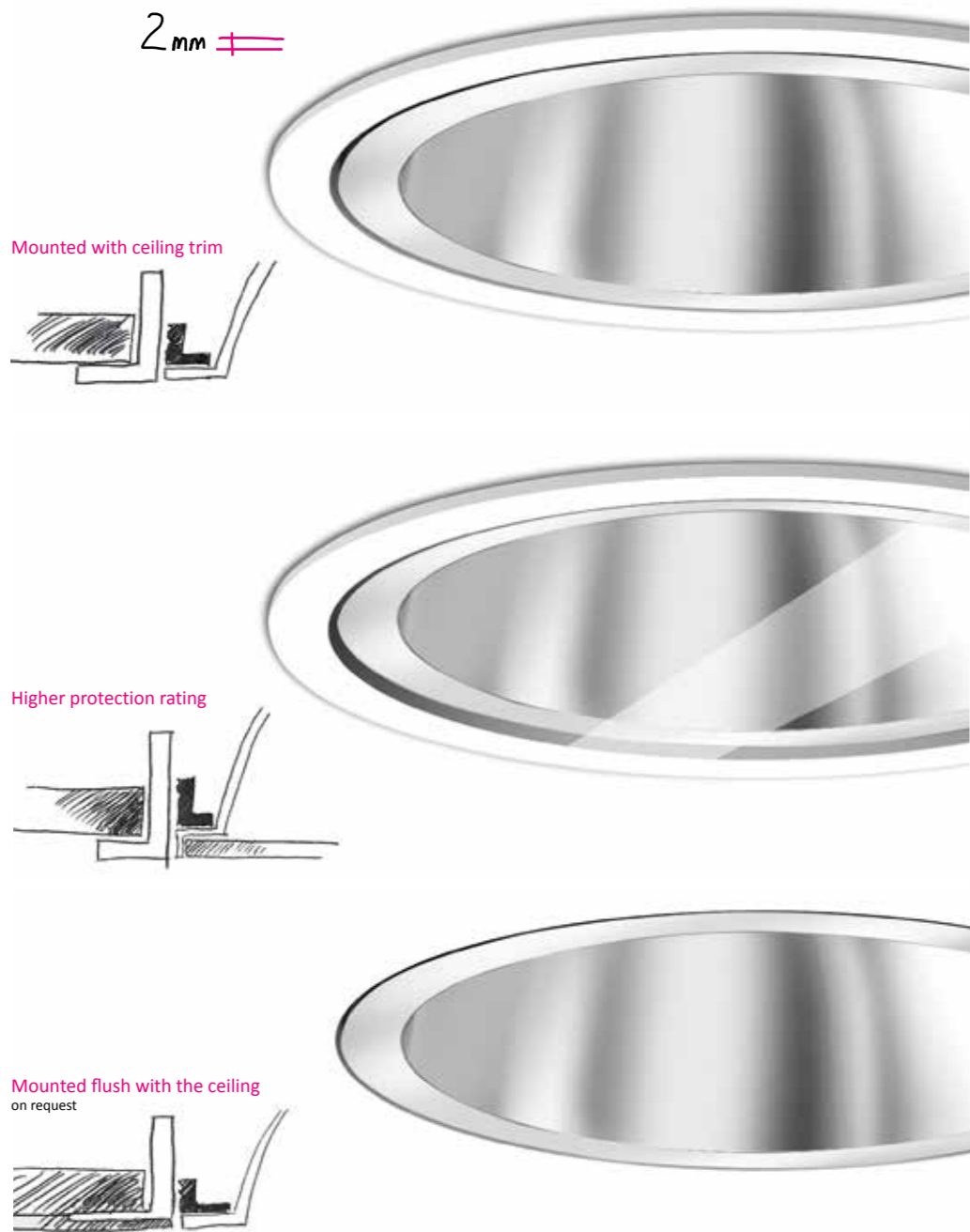
Good Design improves both the visual environment and the functional use. The minimalist design of the f3 mounting system with only 2 mm surface mounting height provides for unobtrusive ceiling integration.

Mounting Technology f3 - flat, flexible, functional

The new f3 mounting system permits unobtrusive ceiling integration with as little as 2 mm surface mounting height while reflector and mounting ring are flush.

Safety and Diffusing Screen IP44 - Higher Protection Rating and Flush Alignment

Flexible reflector height adjustment ensures that safety or diffusing screens are flush with the lower edge of the f3 mounting system. This means that the application spectrum extends as far as areas where IP44 from below is required. Alterations can be easily carried out later on if the room is put to a different use.



Technical and Economical Quality

The asymmetrical shape of the cooling sink reduces the recessed depth while a smart housing design extends LED lamp life.



Temperature Management for maximum Efficiency

Performance and service life of LED luminaires depend largely on temperature management. The distinctive shape of the new heat sink is an expression of optimum heat dissipation by maximizing the surface area. Use of materials was reduced to a minimum by using a thermal simulation programme and borrowing the honeycomb structure found in nature.





Lighting Solutions for every Flavour - the alphabet Family of Products performs a wide Variety of Lighting Tasks with a single uniform Design Look.

Project: Gruner + Jahr, Company Restaurant, Hamburg, Germany
Lighting Design: Assmann Beraten + Planen, Berlin
Luminaires: alphabet zono Downlights, Page 161,
alphabet focus Wallwasher, Page 149 und Recessed Adjustable Spotlights, Page 148
Photography: Werner Huthmacher, Berlin





Wallwasher - "Space-defining"

Walls are the decisive peripheries defining rooms. This is why they are also of key importance for illumination. Only perfectly engineered wallwashers are capable of emitting homogeneous light allowing rooms to appear bigger. Even highlighting individual wall panels or any objects attached to them such as paintings looks more perfect that way.

Wallwasher Sophisticated Lighting Technology

The wallwashers of the alphabet focus product range use Precision Lens Technology (PLT) for even and glare-free illumination of walls.



PLT System

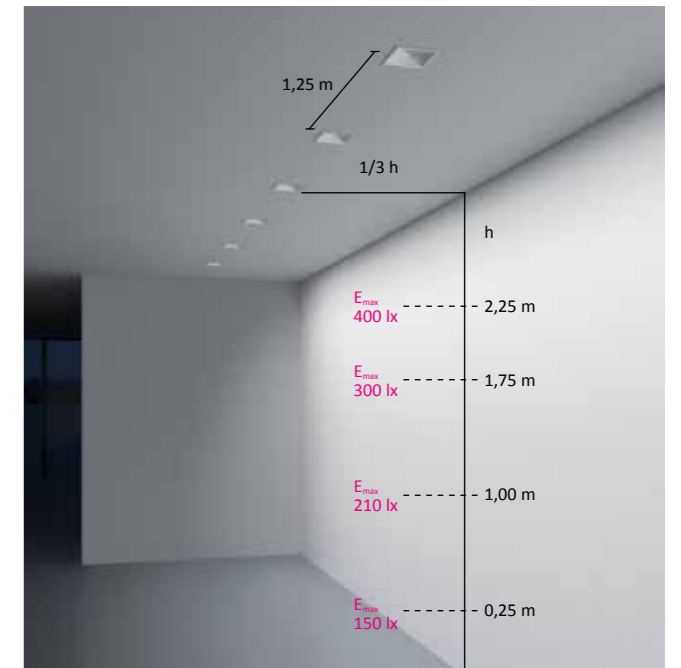
The lighting technology system of this wall washer is based on WILA's Precision Lens Technology. As with all products in the alphabet focus range, the primary lens ensures optimal light focusing. On a second plane the precisely calculated secondary lens system makes for precise and homogeneous light direction onto vertical surfaces. Moreover, the PLT System reduces backward stray light into the room to a minimum.

High Wall Coverage and even Brightness

on the vertical surface

Reduces backward stray

light in the room



The Right Positioning

The optimum distance between wallwashers and the wall is at least 1/3 of the room height. The distance between centres, i.e. the offset between individual luminaires, is defined in line with the project. This allows for an individual adjustment of brightness levels and evenness. To ensure a harmonious overall impression, evenness on the vertical surface should amount to $U_0 > 0.4$.

Planning Example:

AF2105108-33-30 (38 W, Q15)

Room Height: 3 m

Distance between centres: 1.25 m

Uniformity: $U_0 > 0.4$



Lighting Corridors

Corridors can also be lit with wallwashers. This emphasis exclusively on vertical surfaces creates an appeal of its own

Accentuating Spotlights

Spotlights accentuate objects or structures in the room and create an exciting overall impression. At the same time, they direct the gaze at the object, e.g. in stores or museums. For optimal results, pictures must be illuminated homogeneously. Shadow effects make objects three dimensional and bring them to life.

Chain system for a tidy ceiling appearance
Because of the modular chain frame, luminaires of the alphabet family can be mounted individually or arranged in groups. For more details about integration, refer to the section entitled "Individual Product Solutions" on Page 256.

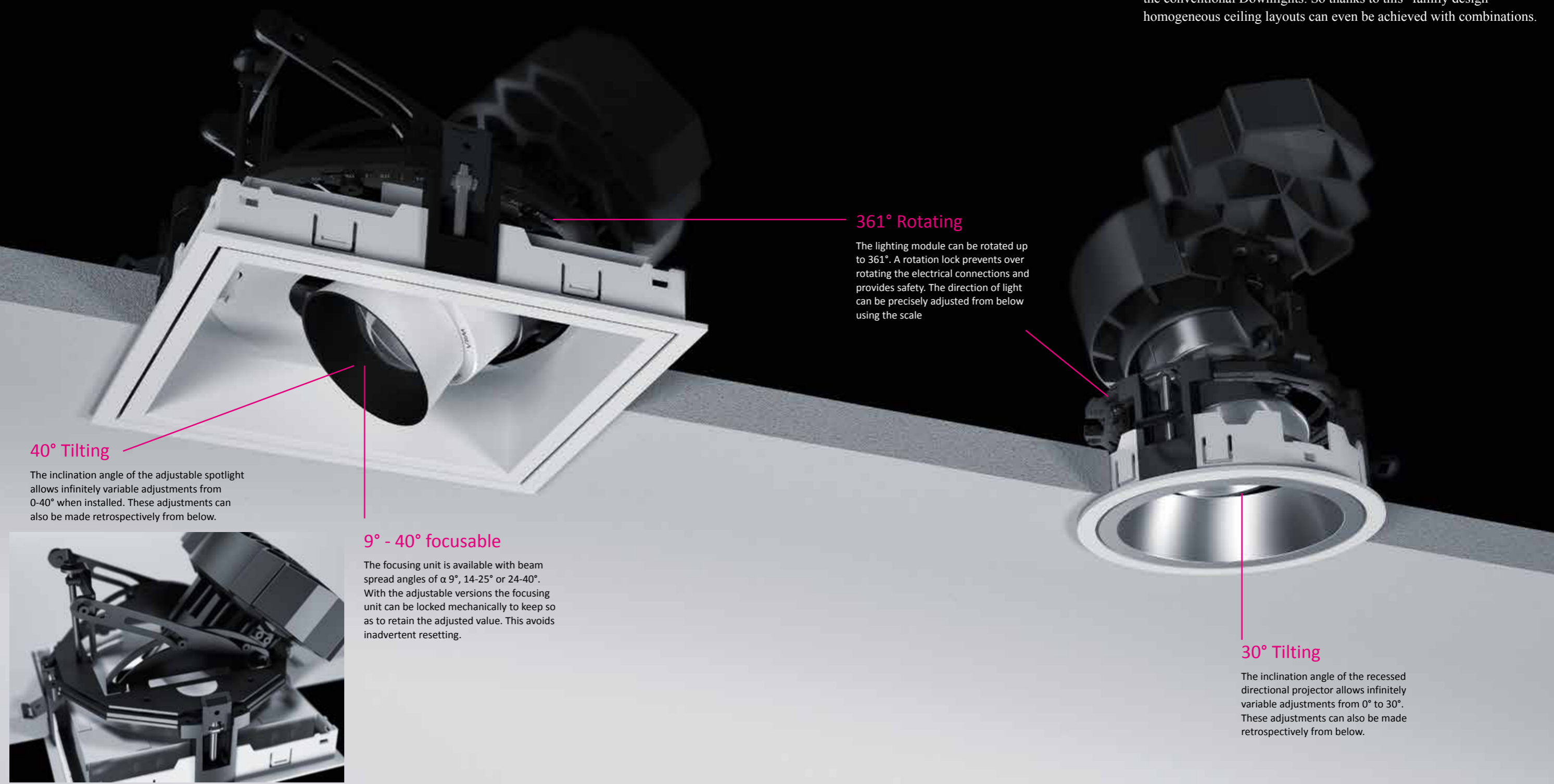


Fully Recessed Adjustable Spotlights flexible and extremely luminous

The lower light centre of the recessed luminaires makes for a tilting range of up to 40°. Due to this the light can be directed to an extremely high point on the wall.

Recessed adjustable Spotlights Lighting Technology with a consistent Design

Seen from below the directional Downlights look exactly the same as the conventional Downlights. So thanks to this “family design” homogeneous ceiling layouts can even be achieved with combinations.



40° Tilting

The inclination angle of the adjustable spotlight allows infinitely variable adjustments from 0-40° when installed. These adjustments can also be made retrospectively from below.

361° Rotating

The lighting module can be rotated up to 361°. A rotation lock prevents over rotating the electrical connections and provides safety. The direction of light can be precisely adjusted from below using the scale

9° - 40° focusable

The focusing unit is available with beam spread angles of α 9°, 14-25° or 24-40°. With the adjustable versions the focusing unit can be locked mechanically to keep so as to retain the adjusted value. This avoids inadvertent resetting.

30° Tilting

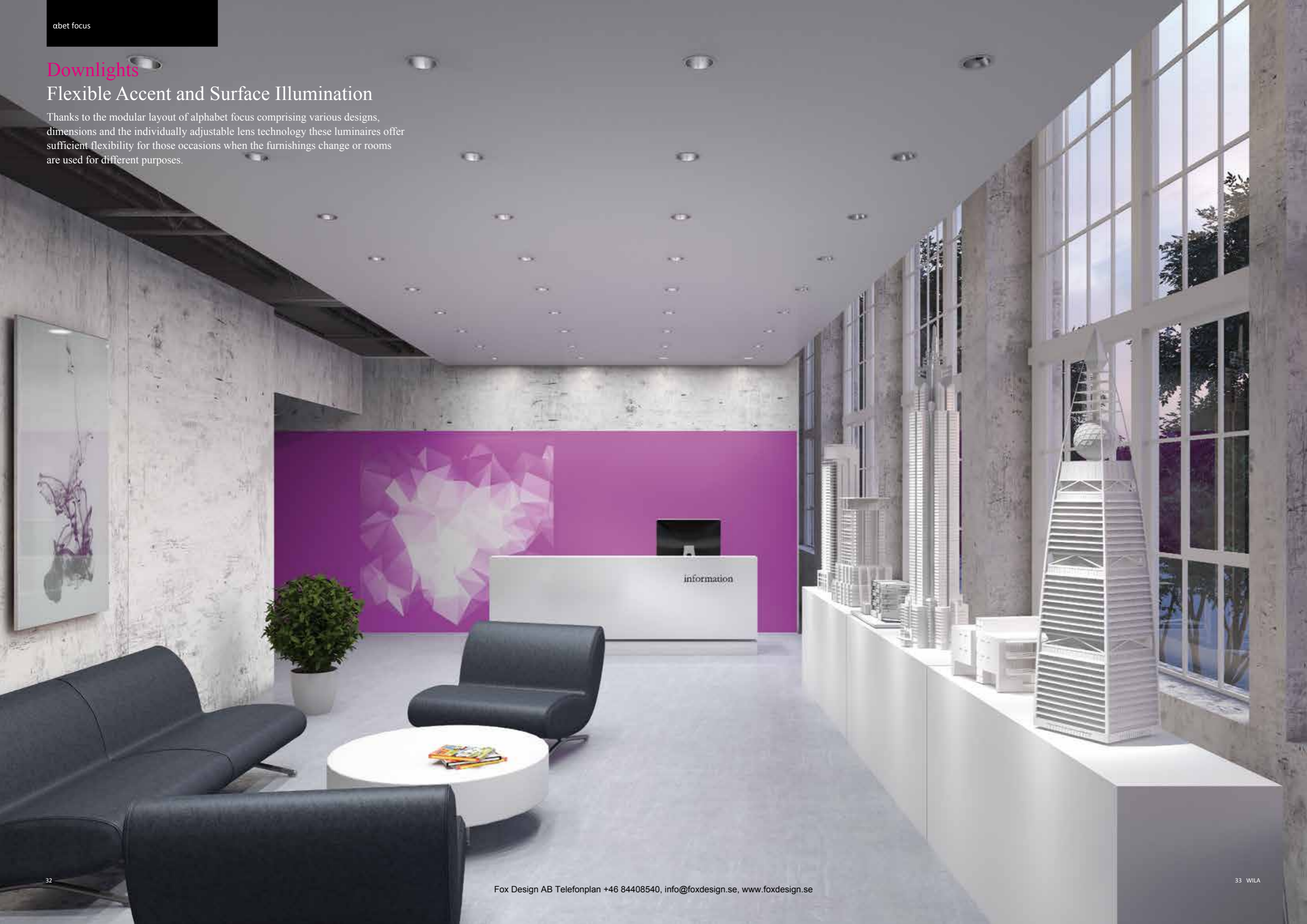
The inclination angle of the recessed directional projector allows infinitely variable adjustments from 0° to 30°. These adjustments can also be made retrospectively from below.



Downlights

Flexible Accent and Surface Illumination

Thanks to the modular layout of alphabet focus comprising various designs, dimensions and the individually adjustable lens technology these luminaires offer sufficient flexibility for those occasions when the furnishings change or rooms are used for different purposes.



Focusing Unit for Ultimate Visual Comfort

The variable focusing unit is the centrepiece of the photometric system as with the Downlight. Thanks to the printed scale, the beam spread angle can be fine-tuned, while the black anti-glare cone makes for ultimate visual comfort and reduces backward stray light into the room.



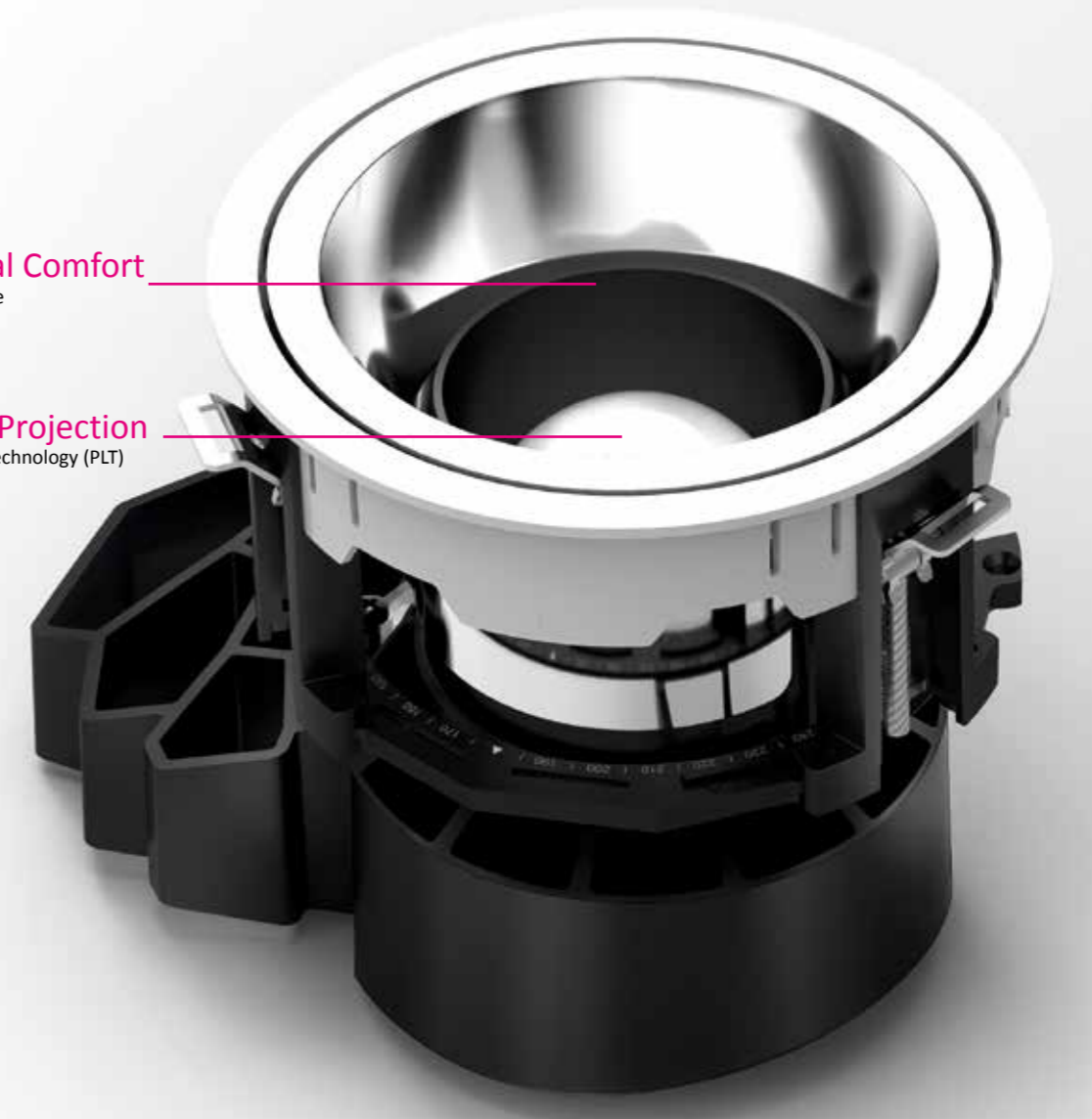
Accent Lighting $24^\circ < \alpha < 40^\circ$
Objects and pictures are deliberately highlighted.



Ambient Lighting $35^\circ < \alpha < 60^\circ$
Absolutely uniform illumination, UGR < 19.

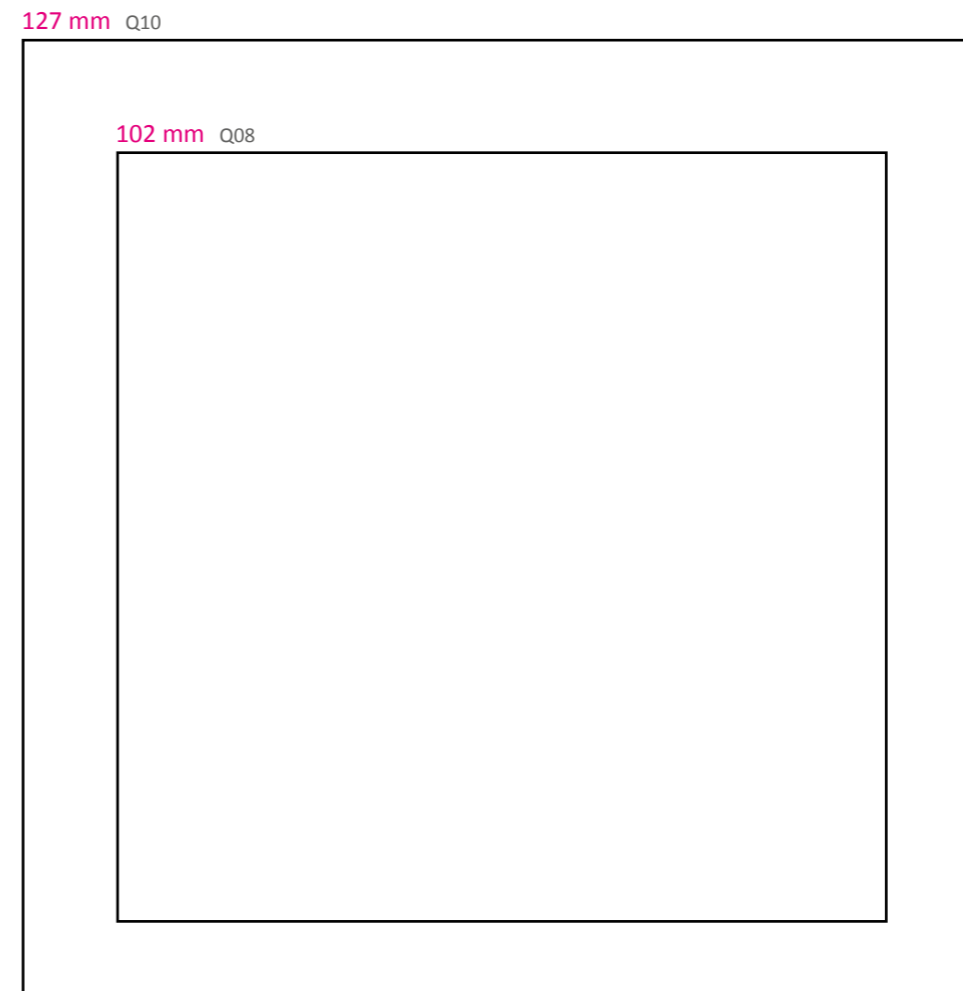
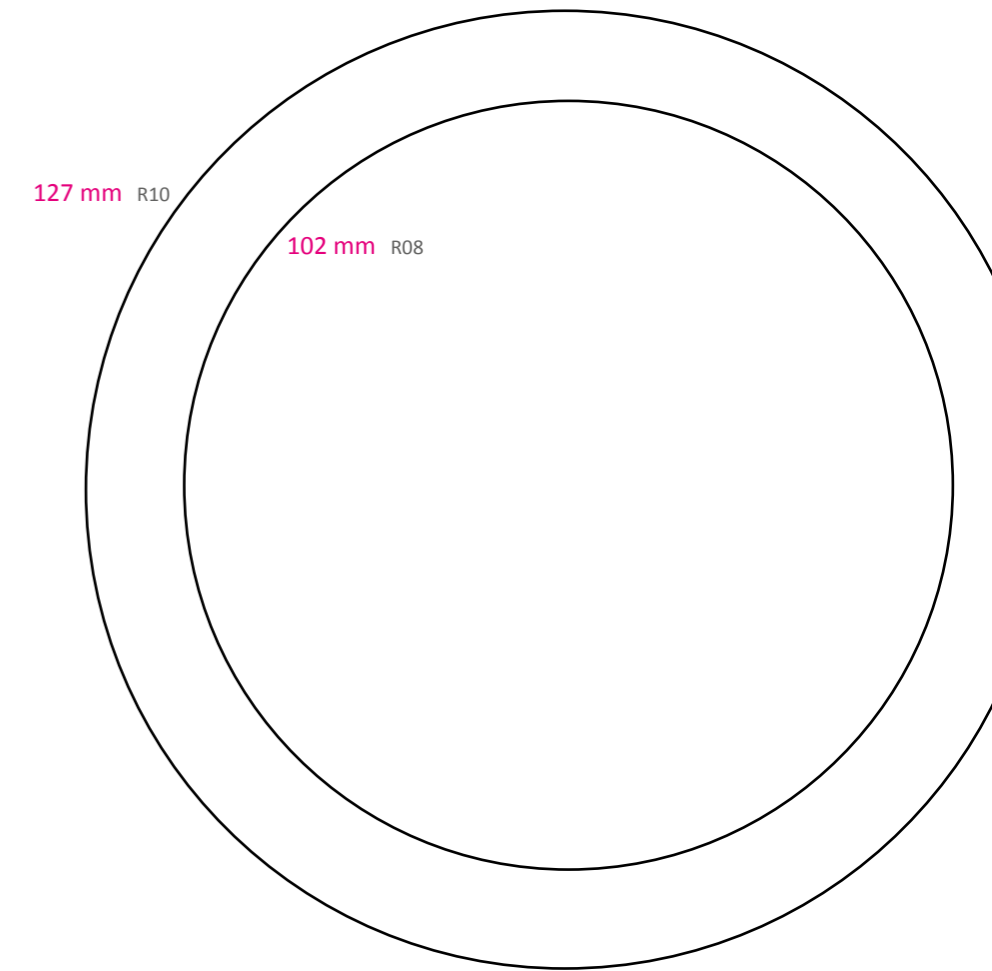
Optimal Visual Comfort
from the anti-glare cone

Precise Light Projection
through Precise Lens Technology (PLT)



abet spectra

Product Data from Page 150

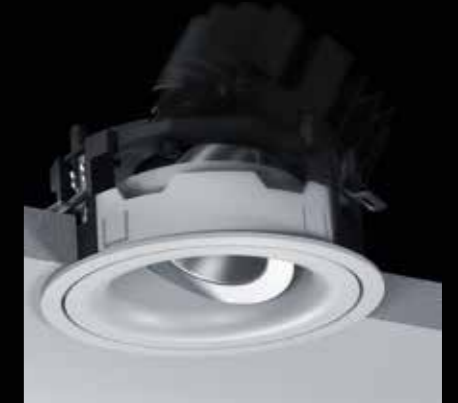


Maximum Light and Colour Quality

The optimal colour rendering comes standard with alphabet spectra family CRI > 98. The quality differential is particularly visible in the red spectrum R9. Additionally, with 2SDCM (Standard Deviation of Colour Matching), WILA currently offers the highest colour homogeneity value of any LED luminaire with colour temperatures of 2700 K (super warm white), 3000 K (warm white) and 4000 K (neutral white).

Glare Control Cone white

In addition to standard reflector housings in black, WILA also offers a white version for even higher visual integration.



361° Rotating

The lighting module can be rotated up to 361°. A rotation lock prevents over rotating the electrical connections and provides safety.

Recessed Adjustable Spotlights

Accent lighting of the highest quality
Half peak angle α 20, 40, 60°

30° Tilting

The inclination angle of the recessed directional projector allows infinitely variable adjustments from 0° to 30°. These adjustments can also be made retrospectively from below.



Focused for Customers -
Brilliant Light Quality thanks to latest LED Lighting Technology for Zonal and Surface Illumination.



Project: Grand Optical, Belgium and Eye Wish, Netherlands
Lighting Design: WILA Lichttechnik GmbH
Luminaires: alphabet spectra Fully Recessed Adjustable Spotlights, Page 155
Wallwasher, comparable alphabet spectra, Page 156
Photography: Mathilde Dusol, Netherlands

Downlight and Wallwasher-Downlight

The built-in secondary reflector directs portions of light evenly onto the wall surface. At the same time, the light system permits a homogeneous lighting of the floor. When combined with Downlights these luminaires produce a visually consistent edge at vertical surfaces. The result is a perfectly homogeneously lit room.



Wallwasher-Downlight

for asymmetric light control

Downlight

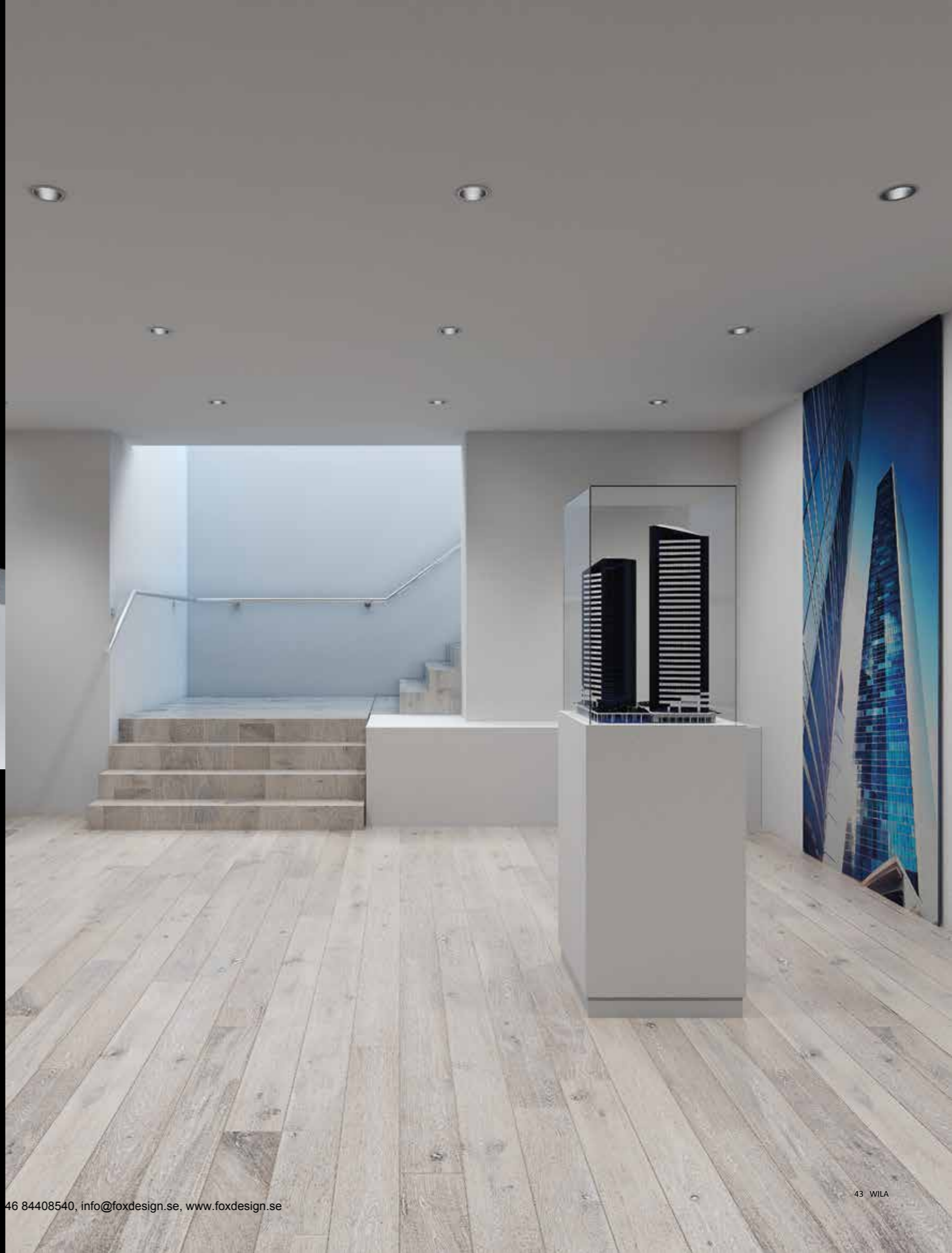
Beam spread angle α 20, 40, 60°



Wallwasher-Downlights
for Wall and Ambient Illumination



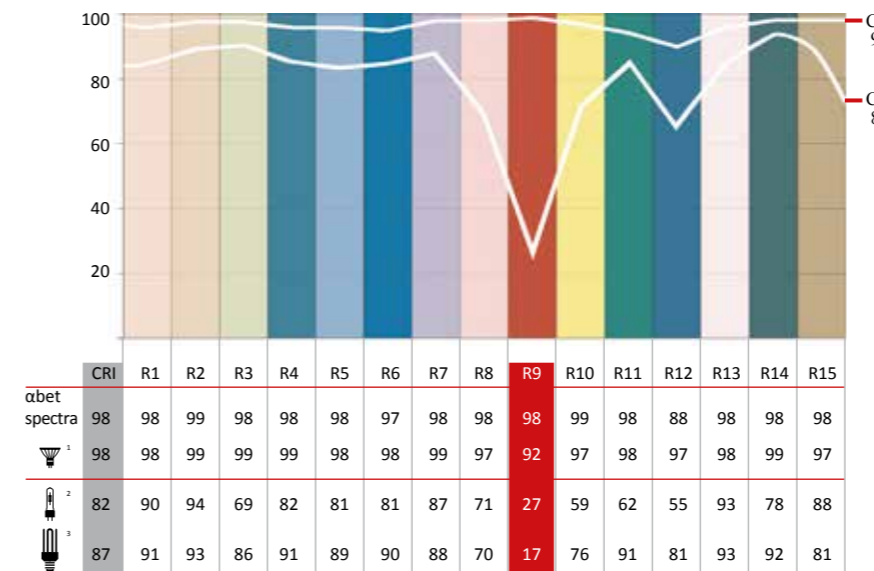
Downlights / Downlights Protection IP44
for Ambient Illumination





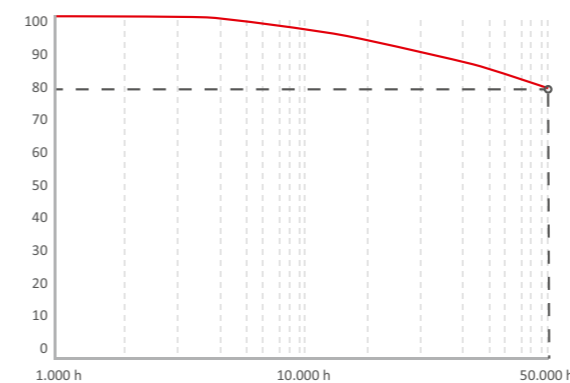
Daylight Quality Colour Rendering CRI98

The alphabet spectra family of products offers two different qualities: in addition to the products with a colour rendering index of CRI83, a second line is now available with the highest colour rendering indices across the entire colour spectrum. These luminaires not only stand out with an excellent CR-index of 98 but also provide consistently high values for saturated colours. With R9 (red) > 90 or R15 (skin tone) > 95 alphabet spectra permits the implementation of high-quality lighting solutions in a daylight-like quality.



Definition of CRI Value
The colour rendering index CRI (= General Index) is calculated on the basis of eight defined test colours R1-R8, whose arithmetic mean determines the CRI value. The reference light source with a maximum value of 100 is a light with a daylight-like spectral range. The values for R9 – R15 need to be considered for the reproduction of saturated colours or skin tones. They do not form part of the CRI value and are therefore stated separately.

Independent measurement University of London, ¹Tungsten halogen lamp, ²High pressure discharge lamp, ³Fluorescent lamp



L70/B0 Quality and Reliability over the entire Service Life
alphabet spectra guarantees a residual luminous flux of 70% (L70) and a failure rate of 0% (B0) for a period of 5 years! Based on 50,000 operating hours the luminaires offer L80/B10 by way of a guideline for enhanced planning certainty.

Definition LED Lamp life
“L” describes the residual luminous flux towards the end of the stated number of operating hours. “B” describes the failure rate, i.e. the percentage of modules that fail. “50,000h, L80/B10” means that (with a failure rate of 10%) 90% of the modules still deliver a minimum of 80% of the initial luminous flux (L80) after 50,000 operating hours.

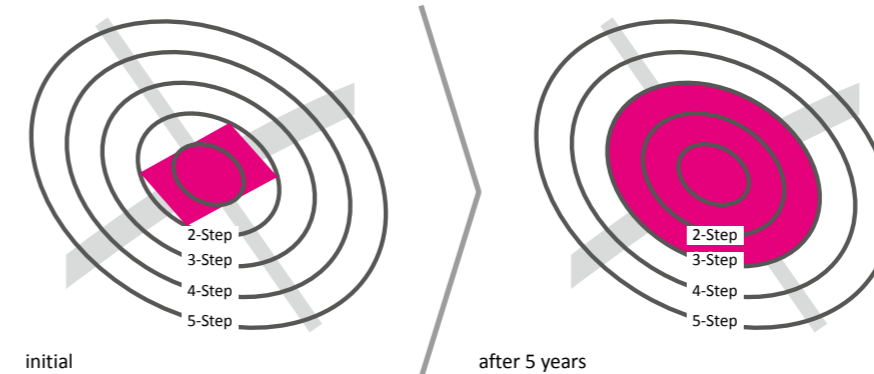


Uniform Luminous Colour for all Luminaires - guaranteed over their entire Life Cycle

Luminaires arranged in groups should not display any visible luminous colour differences. This is of particular importance when using spotlights or washlights for vertical illumination tasks. For alphabet spectra luminaires this deviation is as low as 1x2-step MacAdams corresponding to a colour temperature of approx. +/-50 K. This quality criterion is maintained almost 100% over the entire lifecycle since even after 5 years of permanent operation all luminaires still post a max. of 3-step MacAdams Ellipses. For LEDs such a stable colorimetric locus is unique on the market and guaranteed as a quality feature for 5 years.



Chromaticity Stability alphabet spectra

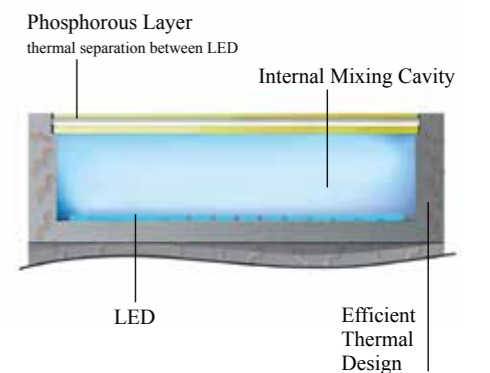


MacAdams (SDCM)

Due to the LED manufacturing process or to different phosphorous qualities, even otherwise identical LED modules can occasionally display significant colour deviations. To determine the colour of LED modules MacAdams Ellipses are used, grouped around a defined colorimetric locus, e.g. 3000 K, within the standard CIE chromaticity diagram. The deviation from the target colorimetric locus is then stated in SDCM (Standard Deviation of Colour Matching). Deviations < 2 SDCM are rated as "not perceivable with the naked eye". The lower the deviation of LEDs from a desired colorimetric locus, the higher the homogeneity of the light.

LED Module

The patented "Cold-Phosphor-Technology" of the LED modules used for alphabet spectra ensures a thermal separation between LEDs and the phosphorous layer. The thermal load on the phosphor is lower than with conventional LED modules where the delicate phosphorous layer is arranged immediately above the LEDs. The result is a constant colour temperature of all alphabet spectra luminaires over the entire lifecycle plus the 5-year warranty for max. 3 SDCM.





Modern and Minimalist - Although their Diameters are identical, different Lumen Packages allow Brightness Levels and atmospheres to be regulated without the overall Architectural Appeal being adversely affected.

Project: Villa in Moos on Bodensee, Germany
Architecture: Biehler Weith Associated, Konstanz
Lighting Design: Schmidt König Lichtplaner, Munich
Luminaires: alphabet spectra Downlights, Page 154
and Adjustable Spotlights, Page 155
Photography: Brigida Gonzáles, Stuttgart





3000 K / 100%

WarmDim 3000 K - 1800 K

Adjust the lighting to suit the occasion. Warm, dimmed lighting for a informal sit-down dinner in the evening or cool bright light for a conference - in the past, this was achieved using tungsten halogen lamps, but now it can be done with efficient LED lighting as well.



Recessed Adjustable Spotlights
for Accent Illumination



Wallwasher-Downlights
for Wall and Ambient Illumination

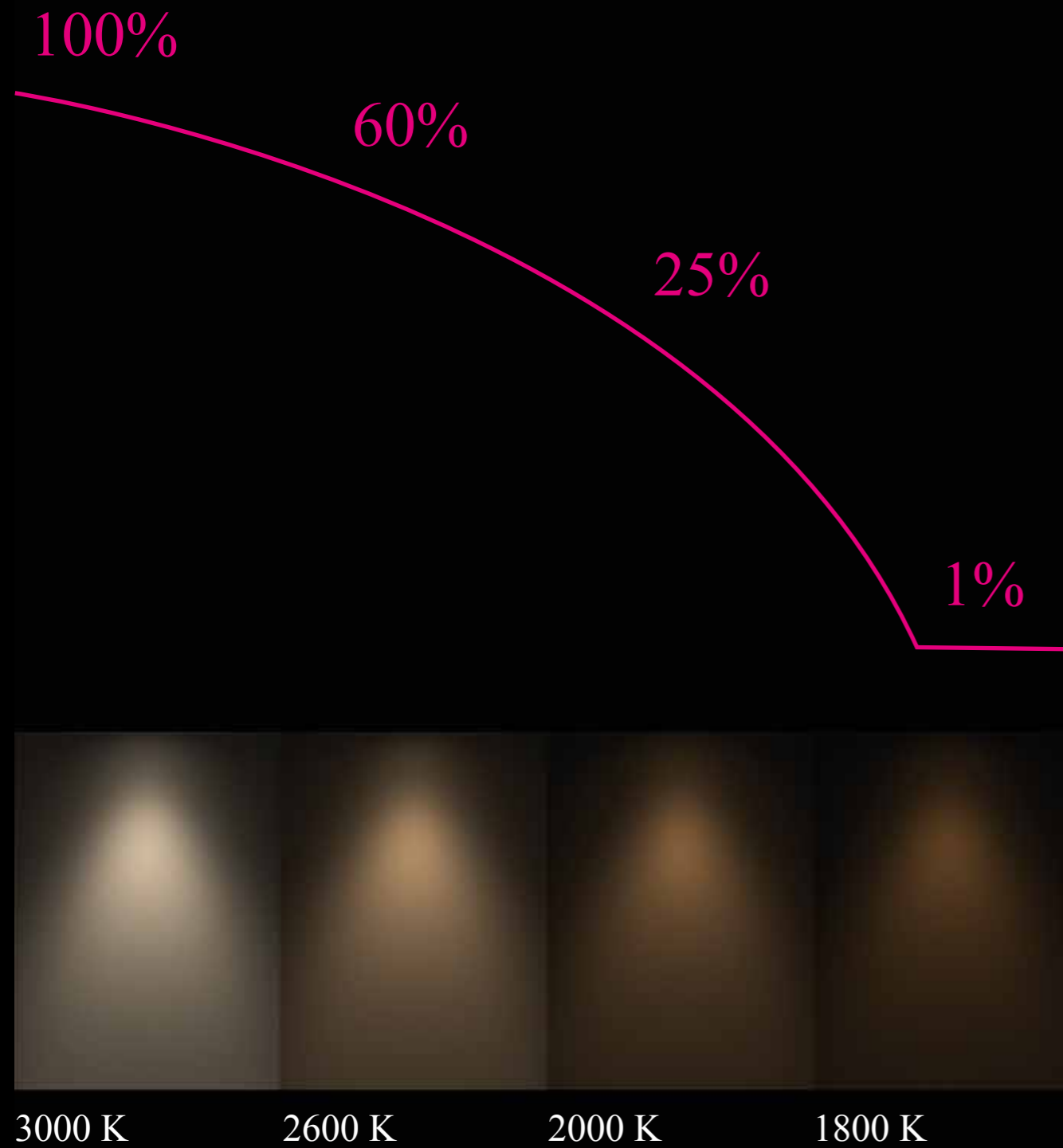


Downlights / Downlights Protection IP44
for Ambient Illumination



2000 K / 25%

Intelligent Dimming - WarmDim Luminaires deliver 3000 K at full Brightness and warm to 1800 K at the lower Dimming Range. The Lamp follows the black Body Curve at continuous Dimming from 100% to 1%. As standard, the Control is 1 - 10 V, Project related DALI Applications are possible.



3000 K

2600 K

2000 K

1800 K



CRI > 90 Premium Colour Rendering
With a CRI > 90 (R9 > 80), alphabet spectra offers top colour rendering values across the entire dimming range. This facilitates the implementation of high quality lighting solutions on a par with tungsten halogen lamps.

< 2SDCM Maximum Colour Stability
With a value of < 2SDCM, abet spectra has the highest colour homogeneity of all LED luminaires. During the course of their lamp life, the installed LED modules deviate at most by only one additional ellipse from the original chromaticity coordinate, a fact that underscores their high quality. This result is guaranteed for a period of 5 years.

5 Year Warranty
The multi sensor also monitors the temperature and guarantees a service life of 50,000 h (L70). WILA backs these results with a 5 year manufacturer's warranty. Registration at www.wila.com/Service/Warranty

abet zono

Product Data from Page 161

202 mm R18

172 mm R15

207 mm Q18

177 mm Q15

Highest Level of Visual Comfort with maximum Efficiency of up to 142 Llm/W

With alphabet zono WILA offers a family of high-output LED Downlights both round and square designed to set new standards in the Downlight segment. Thanks to numerous versions and special designs, such as insect-proof designs or those with 49 mm recessed depth, this product line copes with just about any building challenge. System efficiencies of up to 142 Llm/W result in energy savings and short pay-back periods.



Highest Visual Comfort

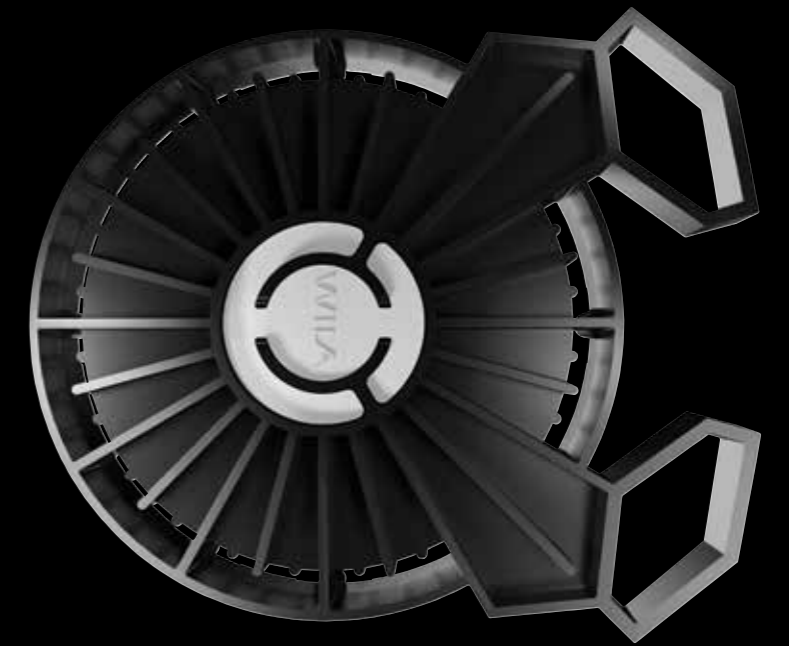
Featuring a shielding angle of $\alpha > 30^\circ$ the Downlights afford perfect glare protection across the board thereby complying with the highest quality class EN12464-1.

Perfect all-round Glare Control

With $\gamma 65^\circ < 1000 \text{ cd/m}^2$ these Downlights comply with the highest grade of glare control in accordance with EN12464-1 and are therefore suitable for all VDU applications. This is ideal if the display screen quality can only be defined at a later stage.

Best Efficiencies

Thanks to the highly efficient light chamber and the light-proof housing light is only directed where it is needed. This makes for high output solutions of up to 3370 Llm with system efficiencies of up to 142 Llm/W with alphabet zono flat.





Mixture of Daylight and Artificial Light - Perfect Illumination for what is now Europe's biggest Collection of Literature about Urban Development, Architecture, Art and Design.

Project: Library at the Bauhaus, Dessau, Germany
Architecture: Reiner Becker Architekten, Berlin
Consultant: Bauer + Zuber, Gräfenhaimichen
Luminaire: Downlights, comparable alphabet zono, Page 164
Photography: Werner Huthmacher, Berlin



Wallwasher-Downlight

Wallwasher-Downlights combine the uniform, general illumination benefits of Downlights with the vertical surface illumination advantages offered by wallwashers. By combining both luminaire types in just one housing you save investment costs and obtain a consistent ceiling layout. Both the horizontal and vertical room peripheries are optimally and evenly lit.



Homogeneous Interior Lighting

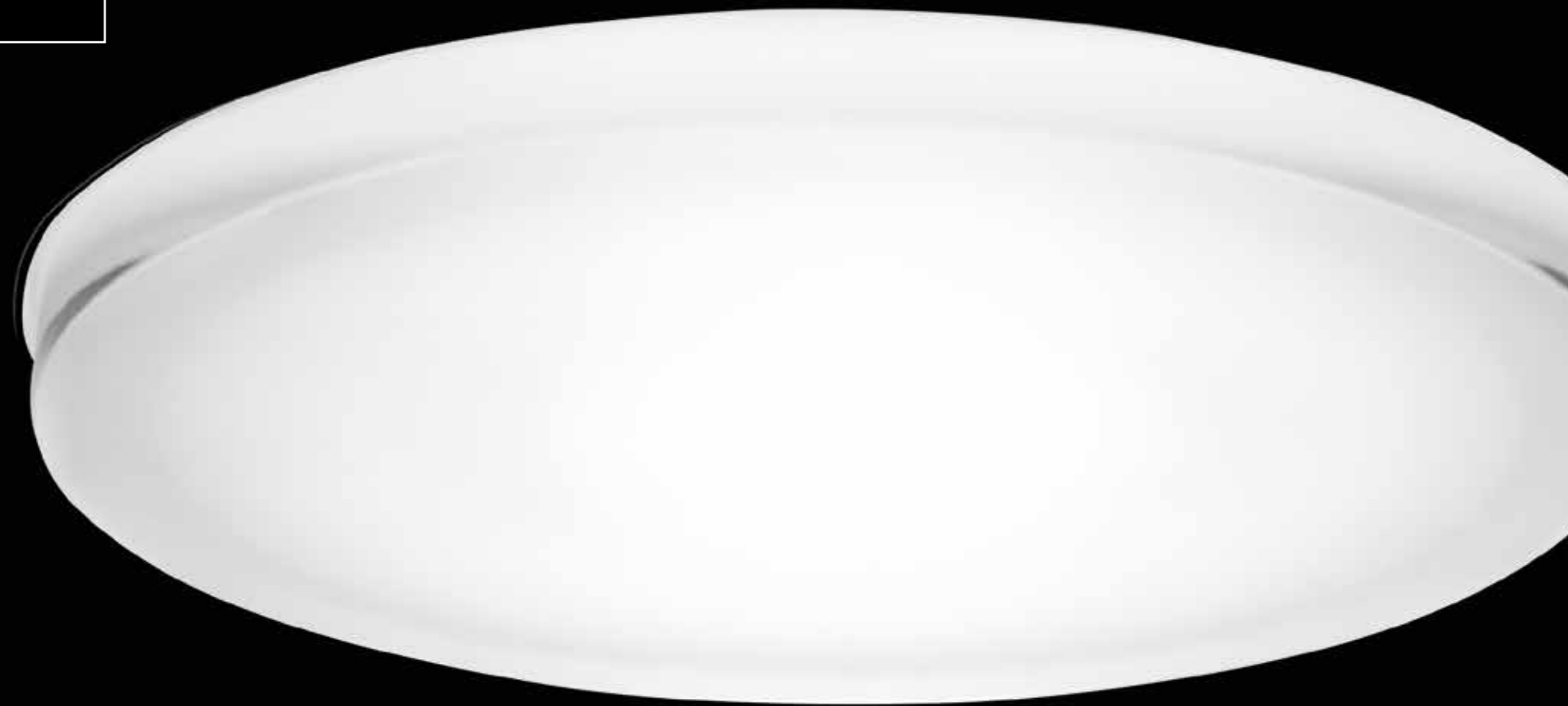
The combination with Downlights provides a consistent look of the luminaire array towards the vertical surface. As a result the room is lit perfectly homogeneously.



Built-in Secondary Reflector

for even direction of portions of light to the wall.





Visible Light

Decorative optical attachments give the light a pleasing appearance. Depending on the attachment design the light is diffusely scattered into the room or ceiling. Attachments also set architectural accents.

Downlights with Liteoptics Protection Class IP44



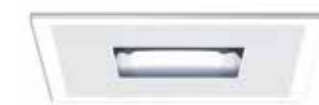
Soft Carré / Disc



Clear Carré / Disc



Downlights with Liteoptics Protection Class IP20



Halo Optic



Top Diffusor



Corona Carré / Corona Ring





Insect-proof Designs



Standard Downlight

Clean Optics for Connecting Passages and Canopies

Protection Class IP54 and Insect-proof - Because the reflector space is encapsulated and the housing is lightproof, there are no insects on the lower cover screen. This guarantees a constant light distribution, reduces maintenance and provides a clear ceiling appearance.

Modes of Protection for Special Applications

The optical attachment can also upgrade the luminaire to IP44 from below in closed ceiling systems. The applications therefore range from areas with mandatory IP44 Mode of Protection to canopies with IP54 from below. A special design is the insect-proof version with encapsulated reflector chamber.

Downlights Protection Class IP54 and insect-proof



Downlights with Liteoptics Protection Class IP44 from above



Safety Screen



Diffusing Screen



Problem Solver with as little as 49 mm Recessed Depth

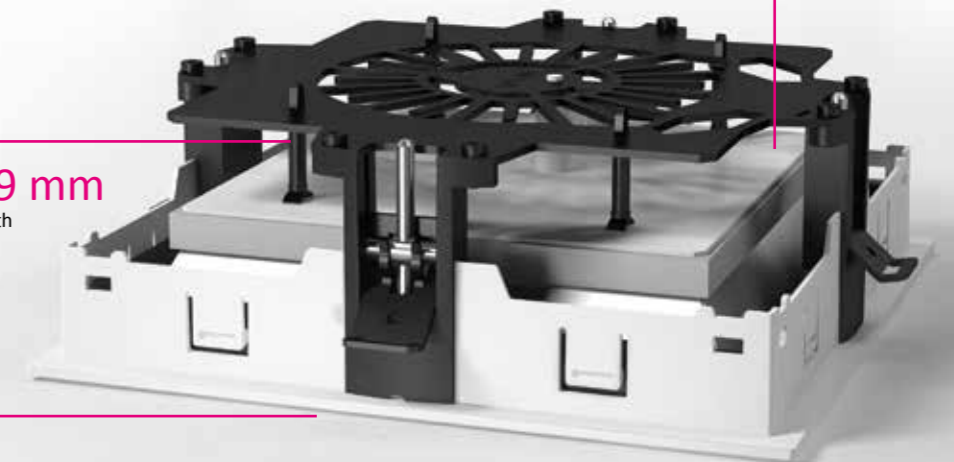
Air conditioning ducts or sprinkler systems very often limit the recess depth in suspended ceiling systems. The special designs in the alphabet zono range with only 49 mm recessed depth, are the ideal problem solver for such applications. Different performance levels are available in round or square shape.

Efficiency > 142 Llm/W

Light-Proof Housing
The luminaire housing is light-proof avoiding distracting light effects when backlighting open ceiling systems.

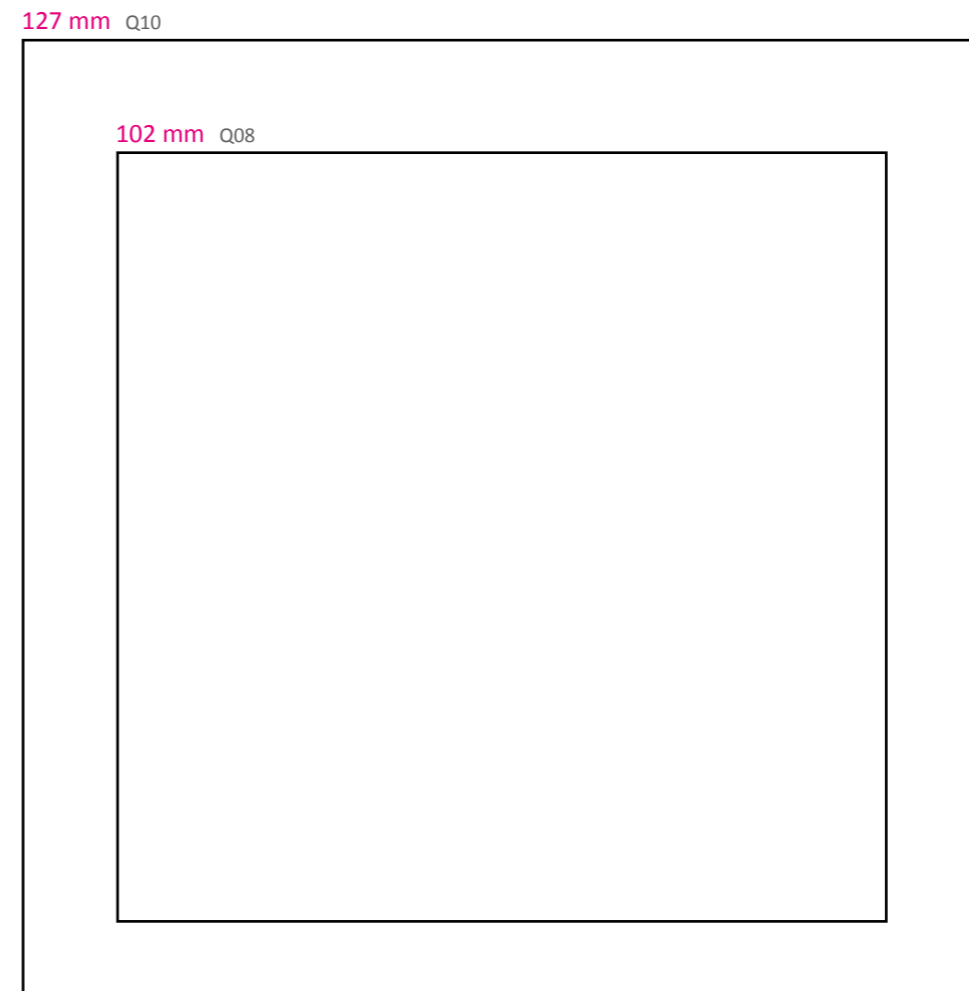
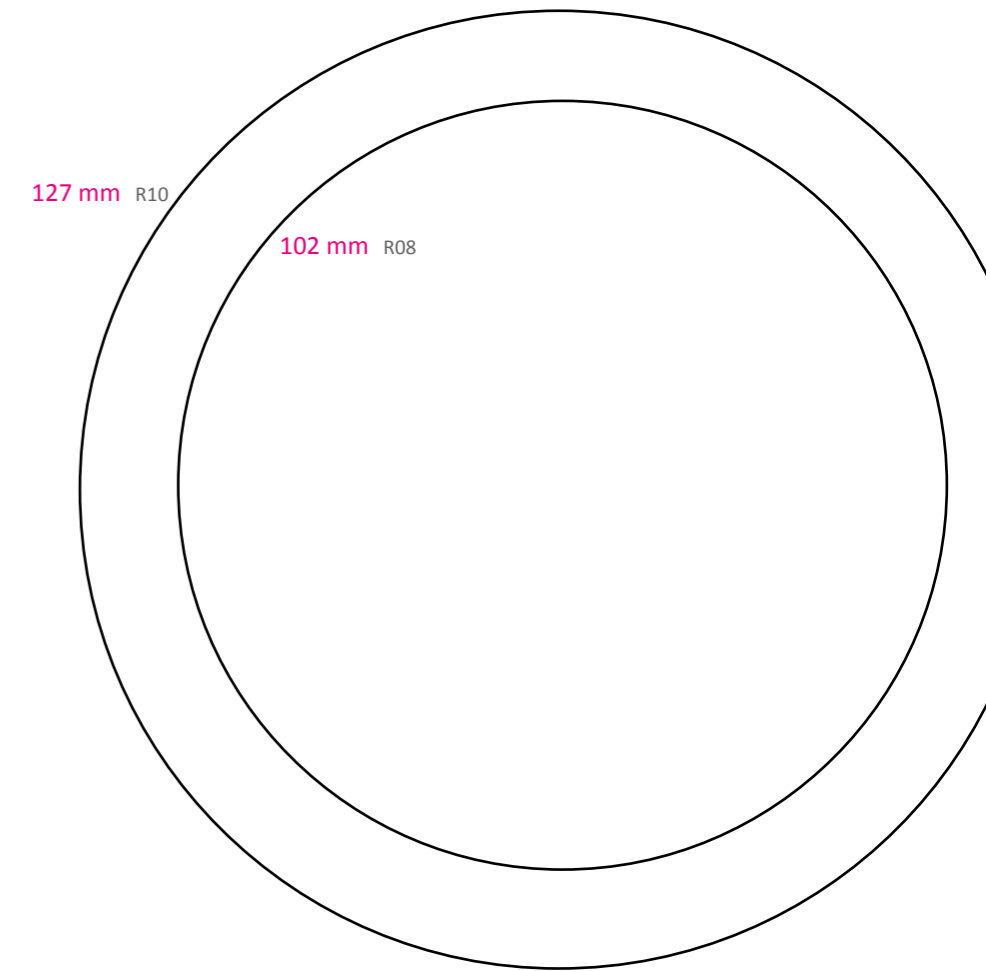


only 49 mm
Recessed Depth



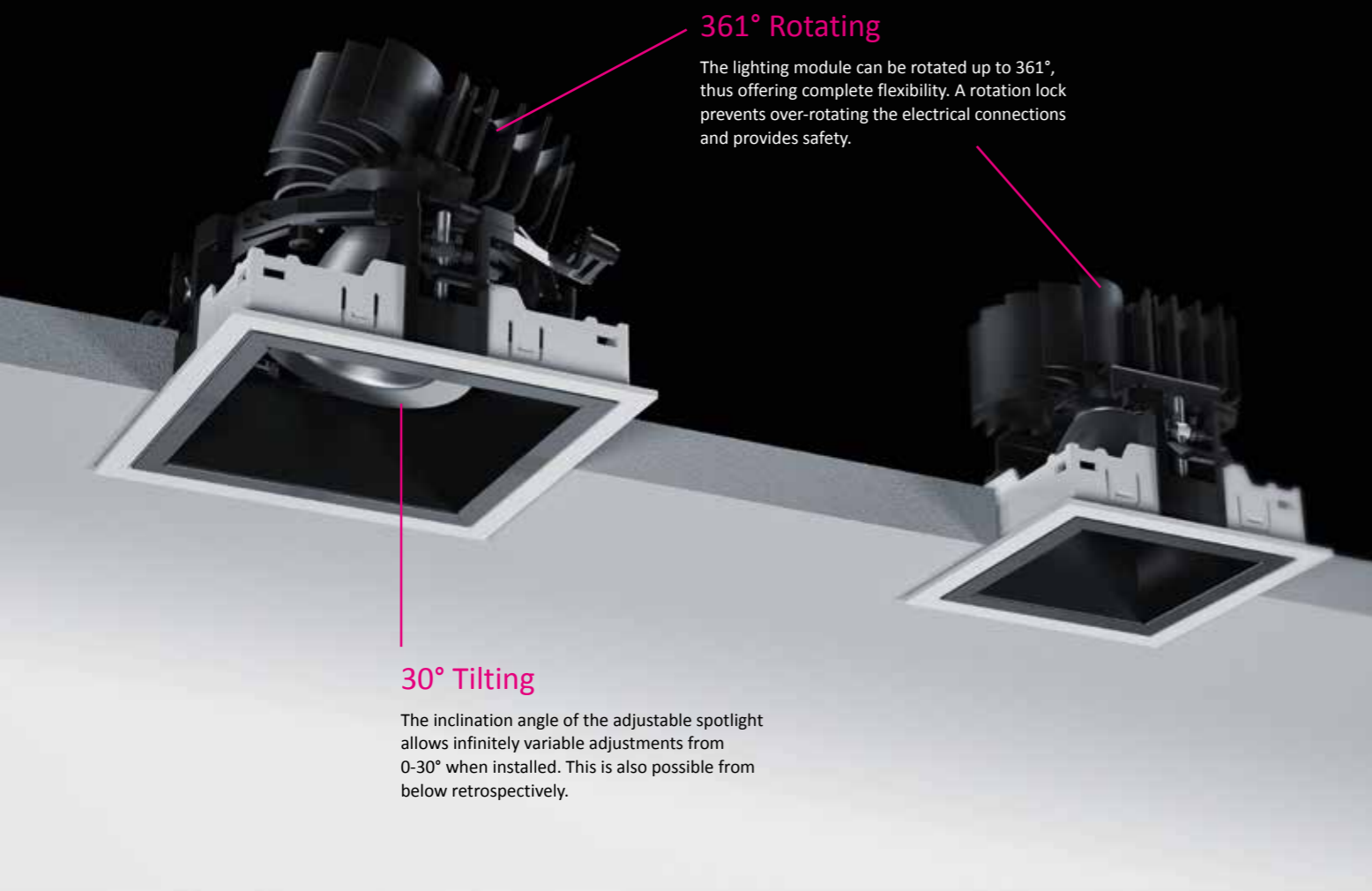
Tentec accent

Product Data from Page 168



Approach to Accent Lighting

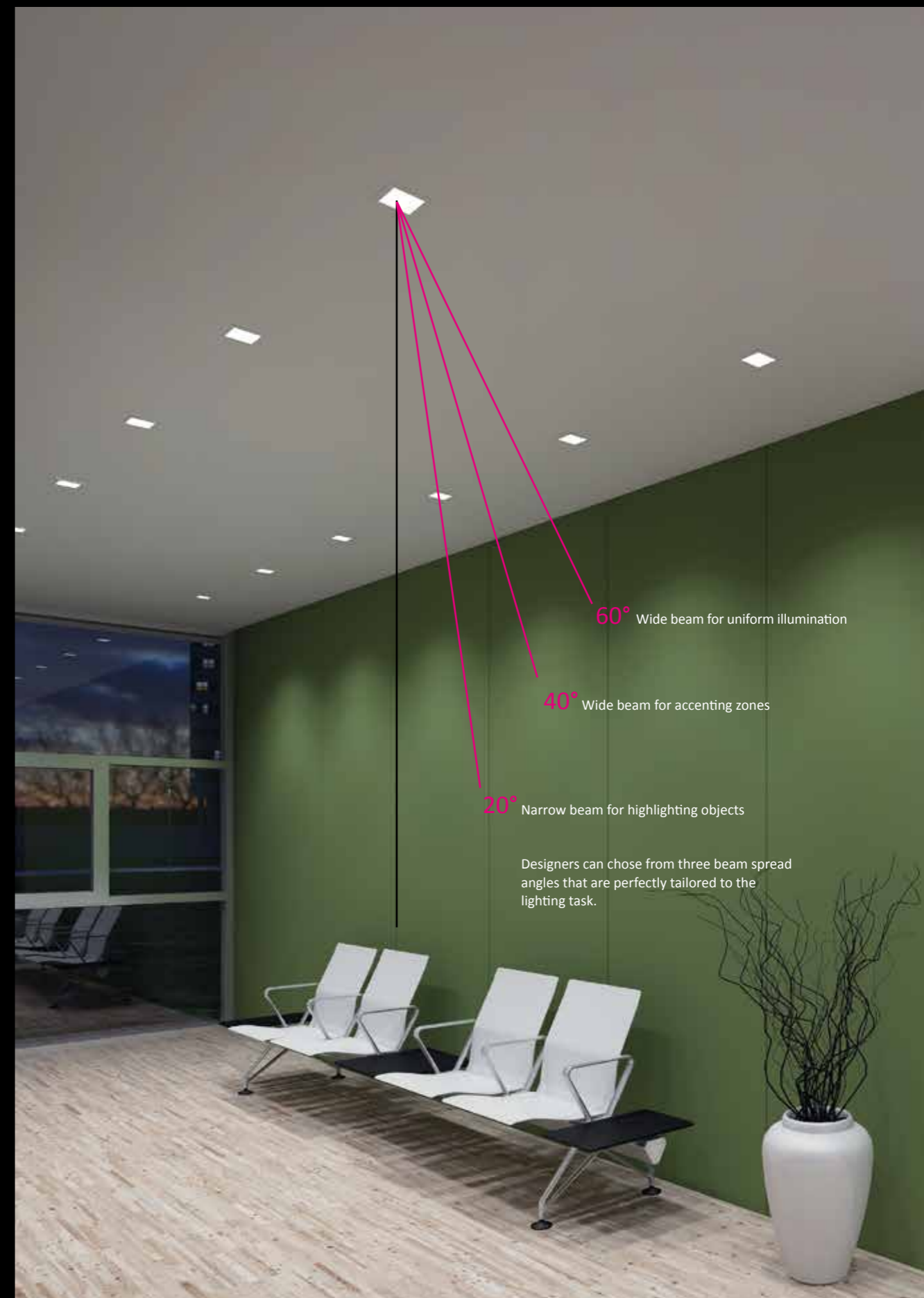
Spotlights stress objects or structures in a room adding suspense to the overall impressions. At the same time, they direct visitors' eyes to exhibits in stores or museums, for example. The resulting shadows make objects appear three-dimensional and bring them to life. Designers can choose from three beam spread angles that are perfectly tailored to the lighting task.



60° Wide Beam
Uniformly lit walls and floor emphasise the uncluttered corridor and assist orientation.



20° Narrow Beam
Spotlights, projected onto the floor as "circles of light" illustrate how they can be used to guide movement.



Tentec zono

Product Data from Page 172

202 mm R18

172 mm R15

207 mm Q18

177 mm Q15

The **Economical** Approach to General Lighting

Latest LED technology makes for efficient surface illumination. Thanks to their precise glare control these Downlights are suitable for VDU applications of the highest category. The recessed depth starts at as little as 120 mm, which is ideal for restricted space in suspended ceilings.

In Accordance with the Standard
suitable for EN 12464-1 above $\gamma 65^\circ < 1000 \text{ cd/m}^2$

Good Efficiency
with up to 99 Lm/W

Recessed Depth from 120 mm
perfect for use with air conditioning ducts, sprinkler or ceiling beams

Safe Support in Ceilings
and quick mounting thanks to multi-point screw fastening

Tool-free Liteoptics Exchange
through MS-3 mounting technique with safety cord



Liteoptics to extend the Lighting Task

WILA optical attachments direct the light precisely, emitting soft, diffused light into the room, either illuminating the ceiling or making the light visible. Optical attachments can also upgrade the mode of protection of the luminaire to IP44 from below in closed ceiling systems. Due to the modular set-up of WILA luminaires optical attachments can also subsequently be exchanged when room use changes.

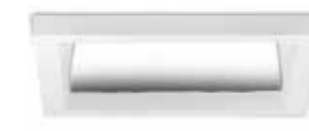
Downlights with Liteoptics Protection Class IP20



Halo Optic



Float Glass Screen

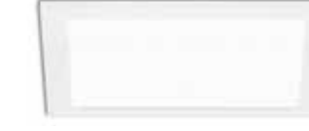


Corona Carré/Corona Ring

Downlights with Liteoptics Protection Class IP44



Safety Screen



Diffusing Screen



Soft Carré / Soft Disc



Mixture of Surface Illumination and Accent Light for a pleasant and inviting Atmosphere.

Project: Sparkasse Gevelsberg, Germany
Lighting Design: LDE Kober, Light Design Engineering, Germany
Luminaires: Tentec zono Downlights, Page 175
Photography: WILA

circLet

Product Data Page 178

400 mm R37

Two in One

Combining LED lighting technology with another illumination or building function in one and the same ceiling aperture produces a tidy and harmonious appearance. Integral adaptors or one-piece technical components in the centre of the luminaire allow the various functions to be connected up quickly and easily.



Insert
Dual Light
or
Multifunctional

LED Luminaire Module
with Opal Ring

Multifunctional

Examples of different features



Loudspeaker



Video Camera



Air Handling Component



Function plate for individual solutions

Dual Light

In combination with one additional light source various lighting moods can be produced with just one recessed ceiling luminaire - general illumination and uniform atmospheric light.



Diffuse and directed
Combination with alphabet zono Downlight for two separately switchable light emission characteristics: diffuse or directed.



Surface and Accent Lighting
Combined with an alphabet spectra directional Downlight for accent lighting.



3000 and 4000 K
Combined with an alphabet zono flat Downlight for two separately switchable luminous colours.



3000 K, inside



4000 K, outside



3000 K, inside



4000 K, outside

1000 mm

Flat Light

Product Data Page 178

640 mm

515 mm

410 mm

335 mm

250 mm

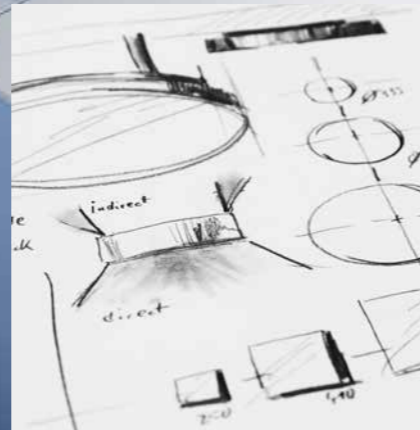
Architectural Accents

The flat light luminaires in various sizes and colours provide great design freedom. Mounted on ceilings or walls they achieve the desired atmosphere in corridors, stairwells, waiting areas and similar interiors. The decorative, indirect portion of light pleasantly brightens up ceilings and walls making luminaires appear to hover. The opal cover softly diffuses the light into the room.



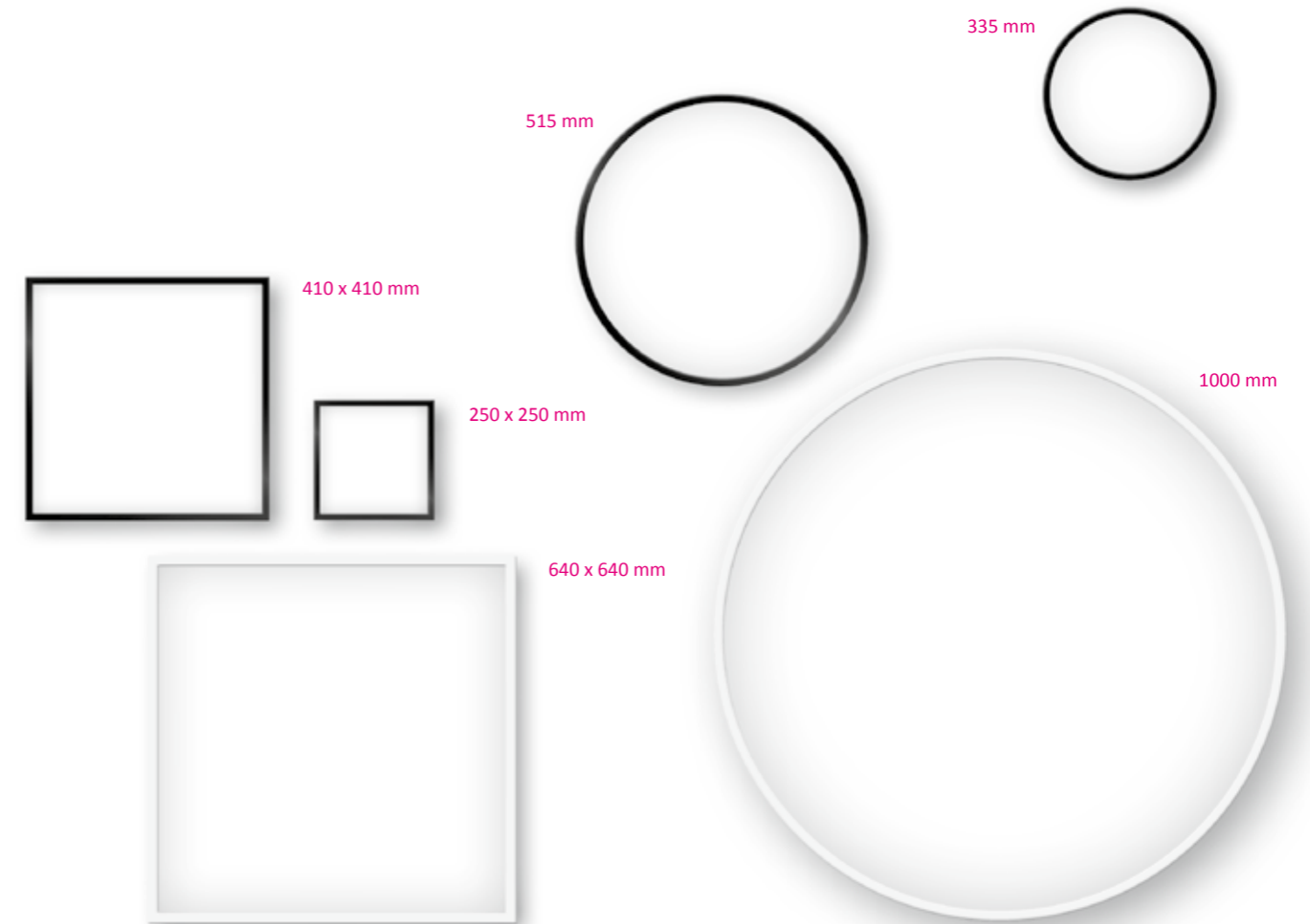
Only 100 mm Body Height

The flat surface-mounted height makes these luminaires the ideal solution for stairwells and narrow corridors. The option of either wall and ceiling installation ensures a consistent and harmonious ceiling look.



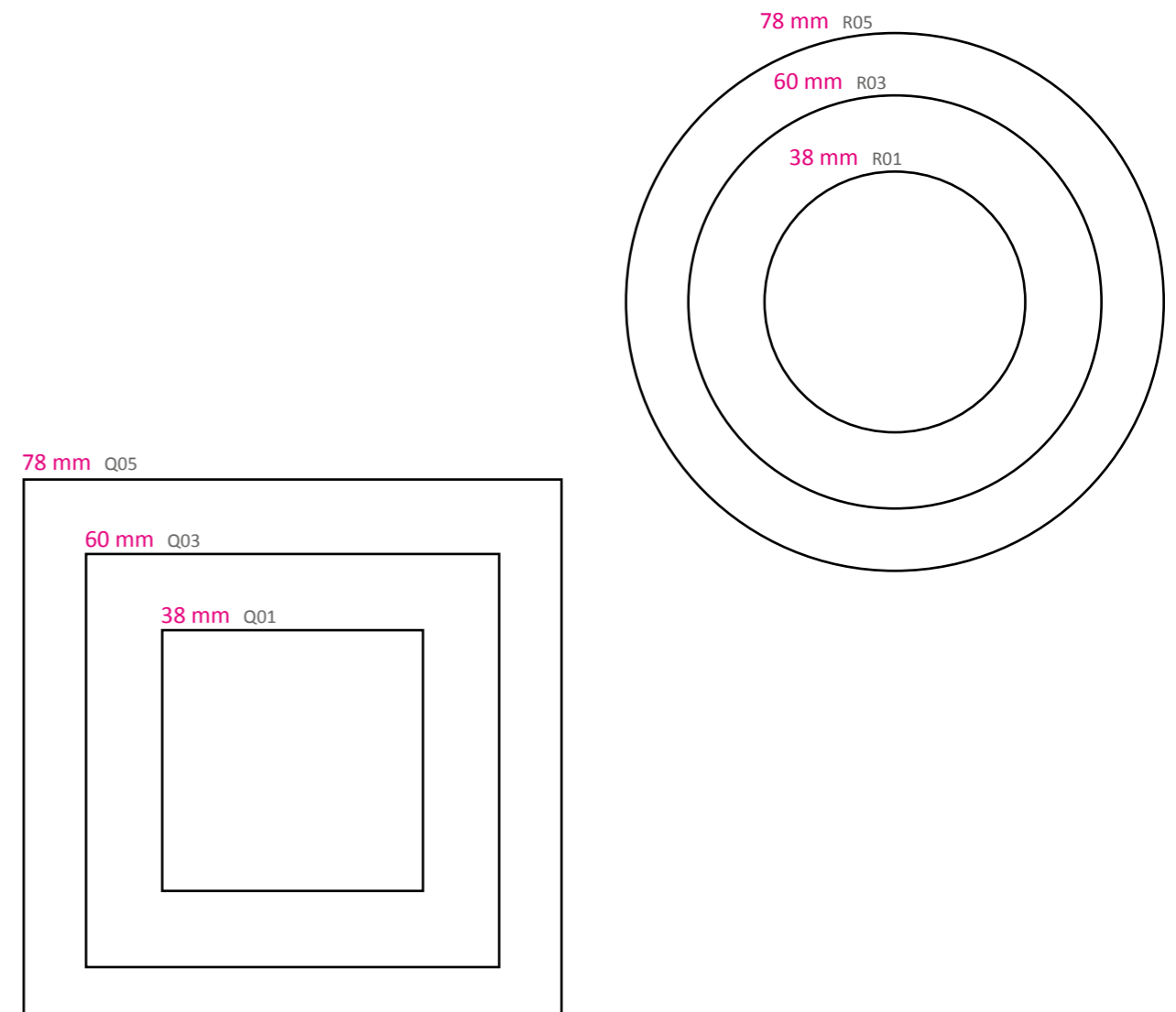
Protected from Dirt for Clean Looks

A standard feature, the indirect cover prevents dirt and insects from penetrating.



Nero accent

Product Data from Page 180

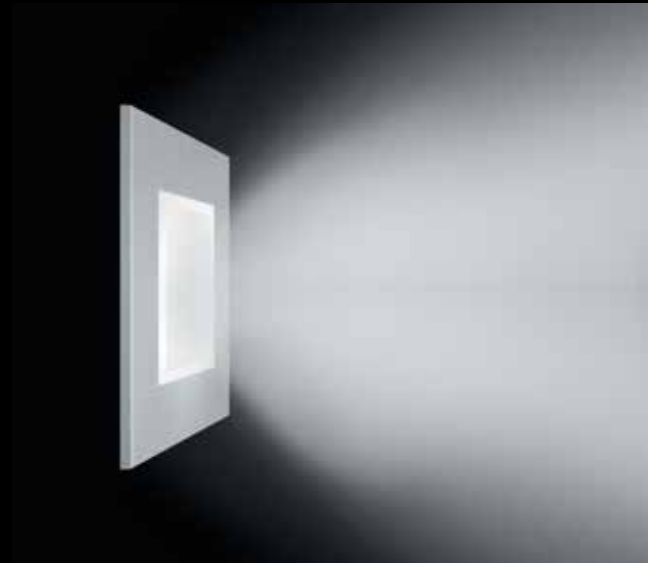


Accent Lighting in small Format

These LED luminaires for recessing into floors and walls allow designers to fulfil accentuating or wide-beam angle lighting tasks due to their various emission characteristics.



Spot through Lens Technology



Wide-beam with Diffusing Screen



Asymmetrical through Reflector Technology



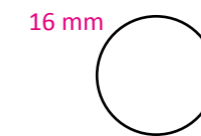
Easy Installation

The standardised circular mounting cut-out - as well as the cut-out for square designs - allows luminaires to be quickly installed and positioned without the use of tools.



Puck

Product Data from Page 184



Lighting Solution for Handrails and more

The LED lighting system was specifically developed for flush-mounted integration into the profile bottom of handrails. Because of individually arranged LED units, the variable system can be used both with straight lines and all radii. Retrofitting is also possible.

Retrofitting
on site possible

High Luminous Output
LED Puck 1,5 W with 3000/4000 K

Long Service Life
50.000 h (L70)

Vandalism and Theft Protection

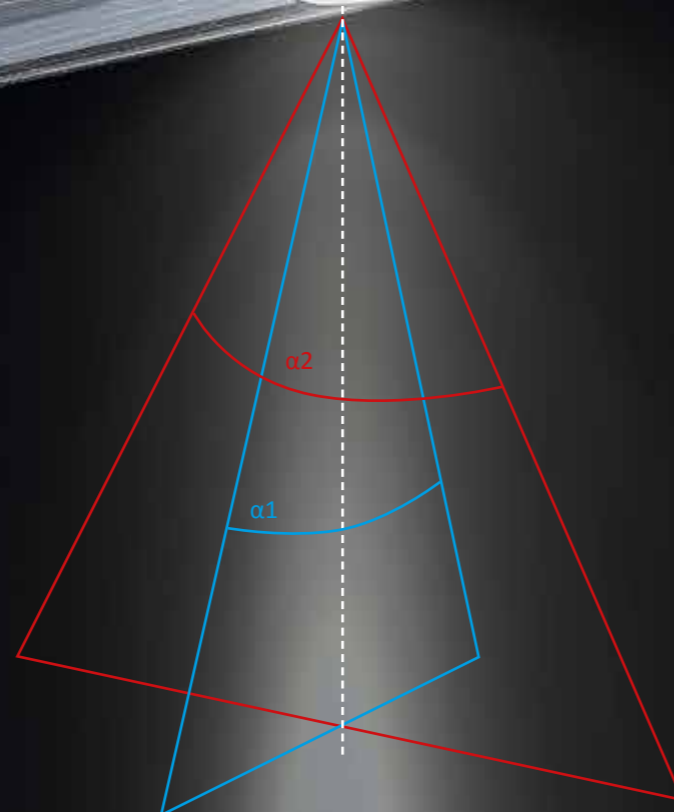
Depending on the design, the LED is protected against destruction by a lens of hardened polycarbonate. The resilience of all visible parts corresponds to impact resistance class IK 10 (EN 62262). A special tool for removing the LED Pucks provides protection against theft.

Flexible Application

Versions suitable for round and rectangular handrails of metal from 38 up to 100 mm diameter. Variety of lighting geometries are available.

Corrosion-protected
stainless steel housing

Suitable for outdoor areas
Mode of protection IP66 or IP67





Unobtrusive Lighting Solution for Listed District Court in Halle
 Sensitive Handling of the Structure and unobtrusive Luminaire Positioning were part of our fundamental Design Approach.
 The Solution easily achieves the required Illuminance Levels for the Stairs.

Project: District Court, Halle, Germany
 Lighting Design: ANKE AUGSBURG LICHT, Leipzig
 Architectur: nps tchoban voss, Dresden (2010-2013)
 Principal: Land Sachsen-Anhalt
 Luminaires: Puck Luminaires for handrails, Page 184
 Photography: Katia Klose Fotografie, Leipzig





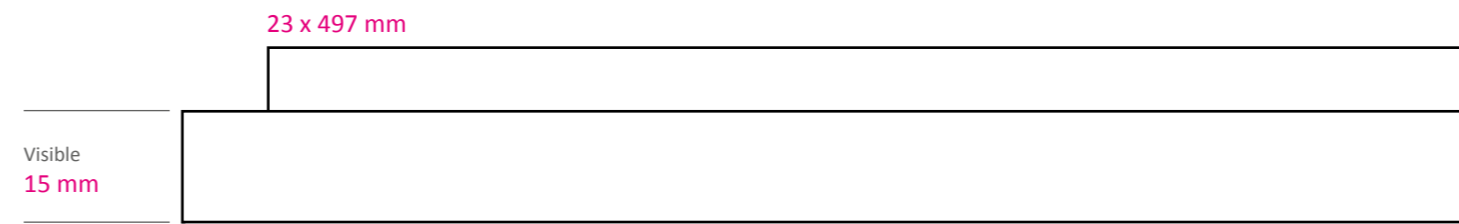
The **new Lighting Concept** and the use of innovative Lighting Technologies greatly enhance the Gasteig's Visual Appeal and help make it the Cultural Focal Point of the Bavarian Metropolis.



Project: Gasteig Munich, Germany
 Lighting Design: Ulrike Brandt Licht, Munich
 Luminaires: Puck Luminaires for handrails, Page 184
 Photography: Hustedt network, Dipl.-Ing. Jörg Hustedt, Hamburg

Transparency

Product Data from Page 186





Illusion of zero Gravity

The pendant LED luminaire Transparency seems to be made of two states: when off there is just a 15 mm visible slim frame and a transparent panel; turned on, it becomes a light statement in the room: minimalist and clear-cut.

Pure Architecture

The transparent nature of the material allows the creation of a light and transparent architecture. Since the luminaire does not superimpose the language of architecture, interiors retain their originally planned autonomy. When switched on, the luminaire allows spaces to be deliberately re-interpreted. Transparency has received prestigious awards for its unique design language and innovation.



product design award

2014



reddot award 2014
winner lighting design

GOOD DESIGN Award 2014

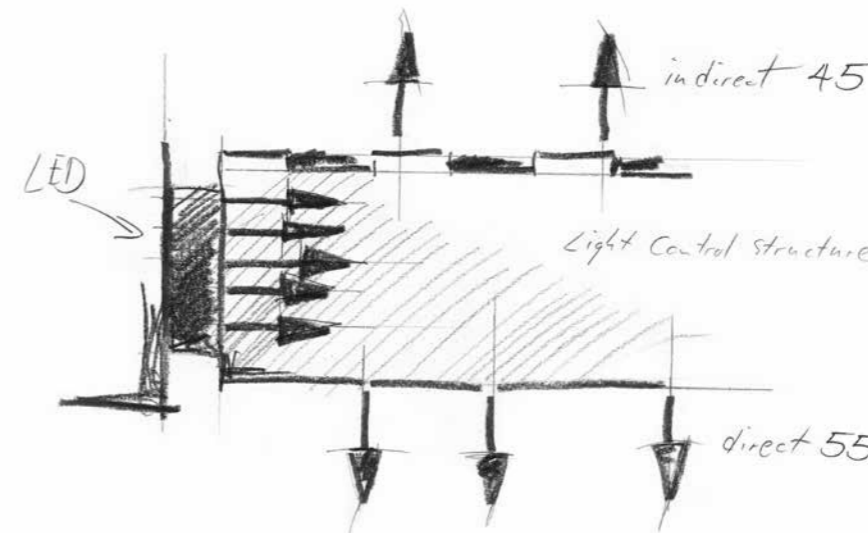


One Luminaire for two Workstations



Save 50% Costs

The wide-angle distribution of the portion of direct light ensures even, standard-compliant illumination of two parallel workstations. This cuts initial operating and installation costs in half. Furthermore, by reducing the number of luminaires by 50% the luminaires become even more unobtrusive.



Precise Lighting Technology with High Visual Comfort

The powerful light emitted by the two lateral LED modules either 3000 K or 4000 K is directed into the transparent panel with minimal losses. The built-in Light Control Structure (LCS) refracts the light at precisely precalculated points directing it into the room with no glare. This permits any arrangement of the luminaire, regardless of the orientation, while still complying with glare-limitation standards $< 3000 \text{ cd/m}^2$. A luminaire that truly allows for flexible lighting design. An absolutely homogeneous illumination of the luminaire without any undesirable bright or dark zones results in a perfect appearance in use.

Intelligent Lighting Control for greater Convenience and Energy Savings



Integrated Light Management - Easy and Efficient

All necessary components such as the sensor and control module are already integrated into the luminaire and/or canopy - making installation child's play. Thanks to this well thought-out technology the control of up to 9 other DALI luminaires is also as simple as anything.

Presence Detection

The luminaire automatically switches on and slowly dims up to 100% once a movement in the detection range is identified. Vice versa, the luminaire is softly switched off 15 minutes after the last movement has been detected.

Comfortable Operation

Operation and saving of individual parameters such as lightscenes, for example, is achieved conveniently using the optional remote control. Needless to say, the luminaire can also be switched on/off or dimmed via a potential-free switch.



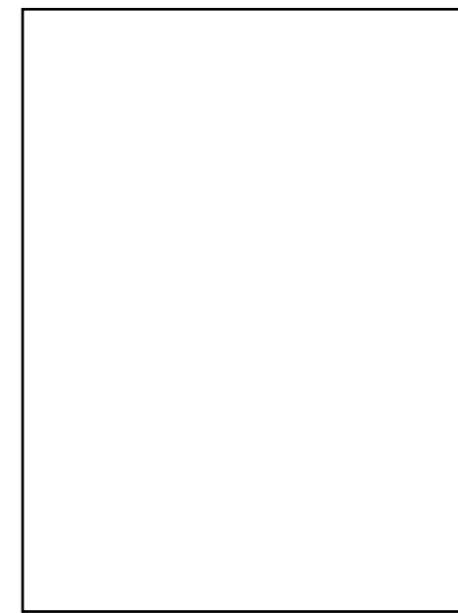
Daylight-Based Control

Existing daylight is supplemented by the luminaire only with the residual amount of light as required by law. This means you can already today meet numerous European directives on energy savings. In addition, a smart feature ensures illuminance remains constant over the entire lamp life, thereby rendering oversized design for luminaire maintenance superfluous.

Linic System

Product Data from Page 188

60 x 80 mm



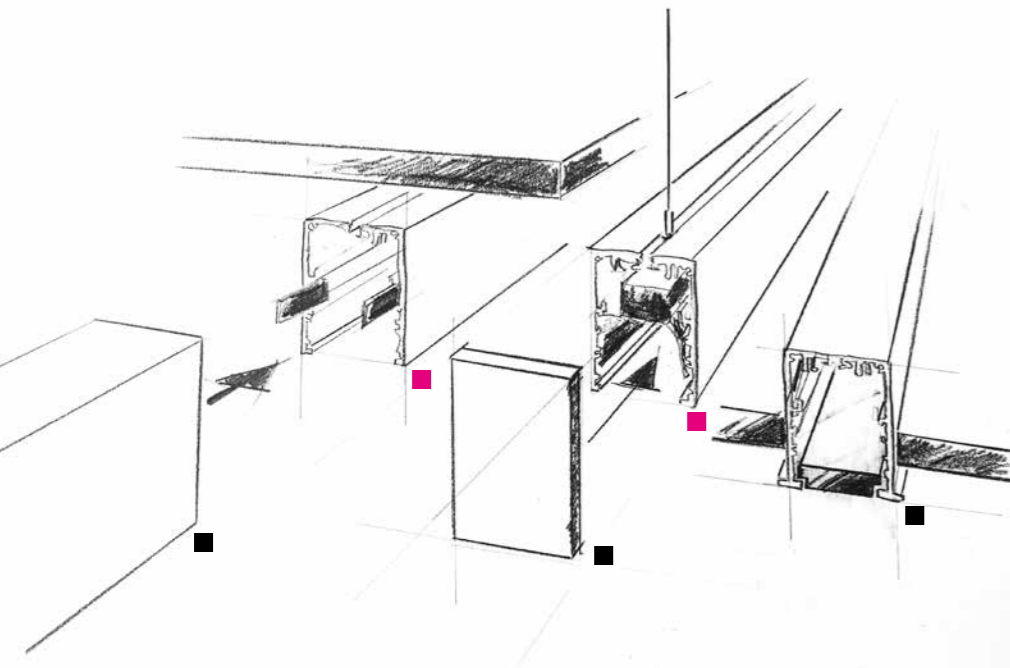
Flexible Lighting System for Individual Solutions

This new linear LED luminaire system comprises recessed and surface-mounted luminaires. Continuous light lines that are easy to combine plus angular connectors in both standard and custom lengths permit project-specific solutions.



■ Single luminaires, 2 Length versions

■ Continuous luminaires, Extension and Corner luminaires

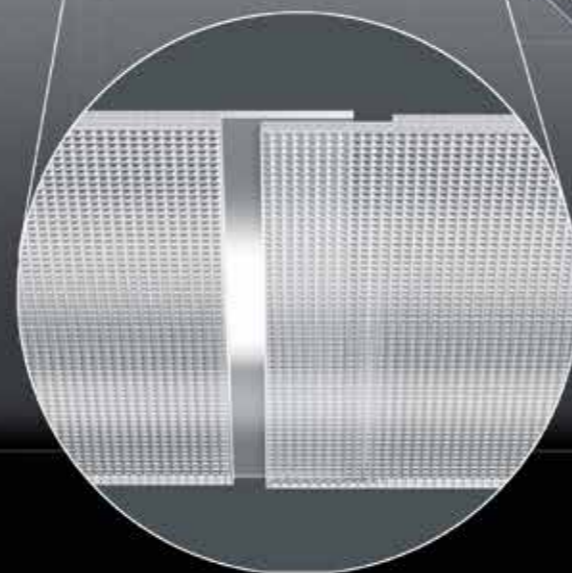


Overlapping Covers

The specially milled material prevents annoying leakage of light at the joints.

Stable Connections

Generously dimensioned connection elements ensure a force-fitting and permanent connection of the system.



Light all the Way into the Corners

The LED array provides uniform illumination even in the corner modules of the system.

Optical Attachments

Available as optical attachments are micro-prisms for non-directional light distribution into the room or opal covers for a homogeneous light distribution.

Variable Suspension Elements

Groove-guided suspension elements result in flawless orientation of the suspended system.

Clean Edge

The end caps are flush with the profile without any visible connections.

Modular Light Duct

Only 60 mm wide the LED Light Duct permits planners to realise project-specific solutions in standard and custom lengths. Three types of mounting, two optical attachments for various requirements, as well as different LED lamps round off the range. You benefit from a flexible system in a uniform look for your requirements.





The Interior develops by means of flowing Colours, Shapes and Structures from the Core to the Façade. The Illumination Concept underlines the Idea of a flowing Ceiling in the Form of **Guiding Light Lines**.



Project: Cafeteria Kreishaus Siegburg, Germany
Architectur: Lepel & Lepel Architektur, Cologne
Lighting Design: Mailänder licht design, Cologne
Luminaires: Linic System, Page 188
Photography: Lukas Palik Fotografie



Energy-efficient LED Lighting of outstanding Light Quality - also suitable for the specific needs of a Clinical Environment.

Project: Robert Aitken Institute, University of Birmingham, United Kingdom
Architectur: Sheppard Robson
Lighting Consultant: Couch Perry & Wilkes, Birmingham
Luminaires: Linic System, Page 190
Photography: Redshift Photography



The Line is the Central Theme of the Lighting Concept - Viewed from the outside, the emphasis of the horizontal Line that results from the continuous, Linear Lighting Arrangement appears as a striking Feature.

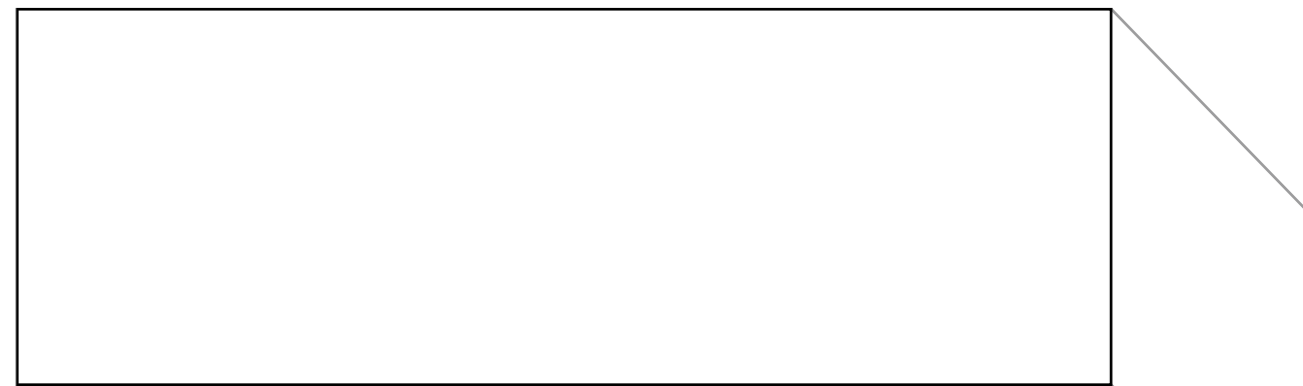


Project: Baader Bank, Unterschleißheim, Germany
Architectur: Architekturbüro Baader, Gräfelfing
Lighting Design: Ingenieurbüro Pfeuffer, Munich
Luminares: Linic System, Page 188
Photography: Foto Krumnow, Bannewitz

Variatic

Product Data from Page 192

50 x 145 mm



Design Statement: **Stainless Steel**

In addition to a varnished white version the housing is also offered in aging-resistant and anti-static V2A stainless steel. The end caps then also come in V2A stainless steel. From a hygiene standpoint stainless steel is ideal for use in kitchens, for example.



Easy-fit Turnkey Solution

Variatic pendant luminaires are supplied ready-to-go. Their article code includes the luminaire, two ready-to-install Y-rope suspension cables, the power supply line and the canopy.

Assembly Variety

from Recessed, Surface Mounted to Pendant Luminaires

Clear Language of Form

End caps and housing in brushed V2A stainless steel or varnished white for discreet installation

High Visual Comfort

Glare-free Parabolic Louvre, UGR < 19, suitable for VDU workstations

Homogeneous Illumination

Opal Screen for a gentle dispersion of light in the room



Total Solutions with LED

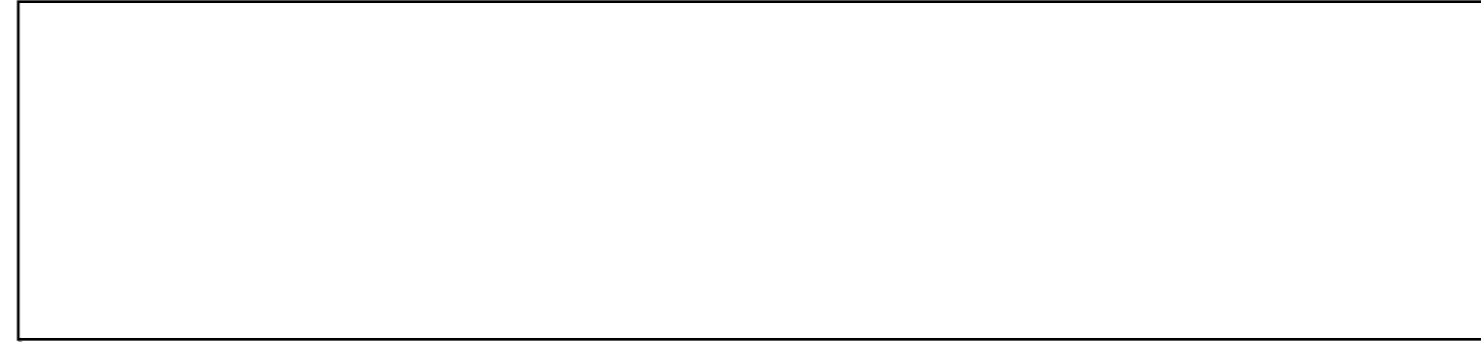
The Variatic range of products offers lighting technology variety in the form of recessed, surface-mounted and pendent luminaires with efficient LED technology. The fine-brushed stainless steel housing continues to be its USP fulfilling the highest demands.



Ingenic

Product Data from Page 195

45 x 196 mm Square Design



45 x 223 mm Step Design



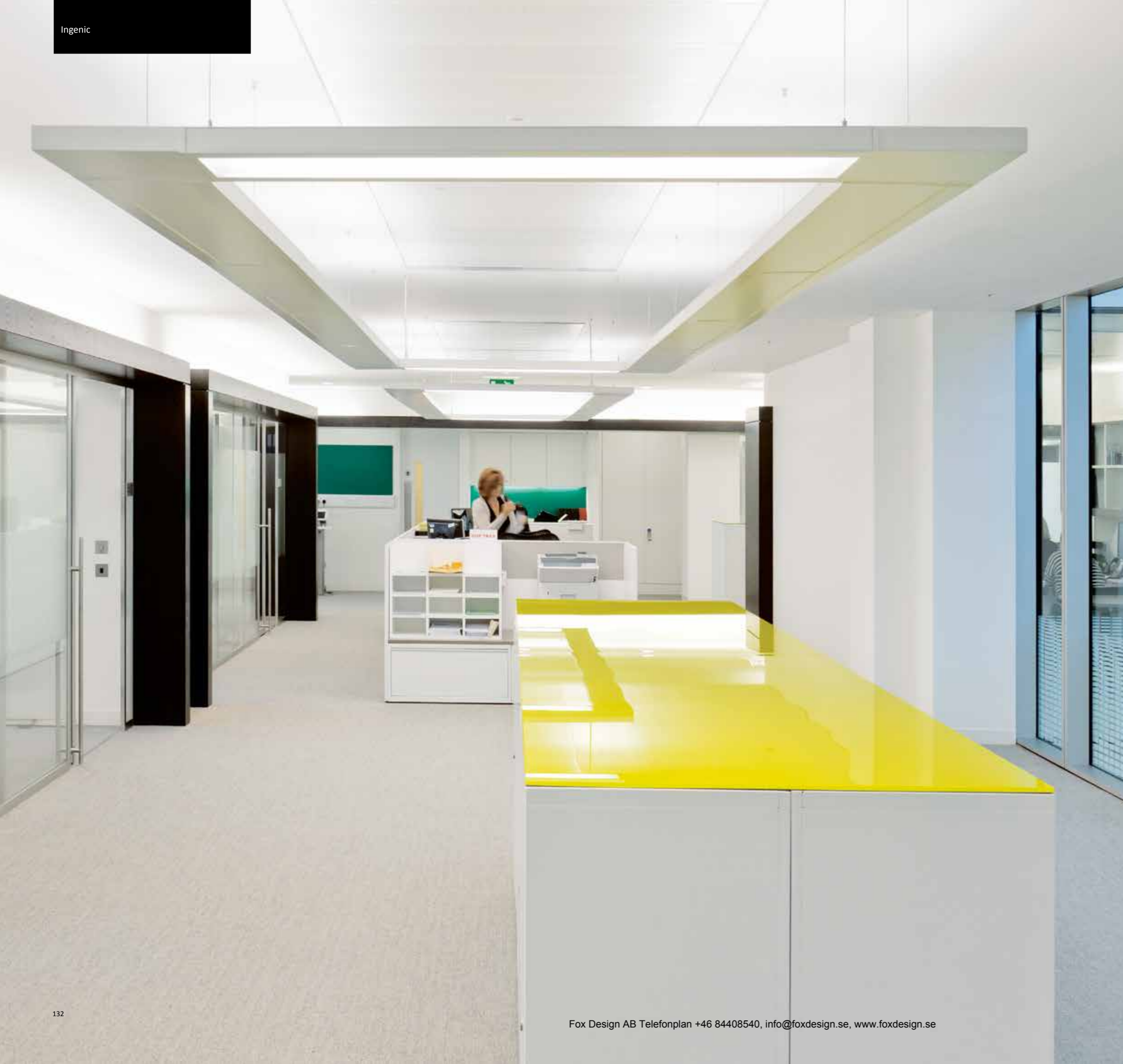
Tailor made for Specific Requirements

The Ingenic range features recessed and pendant luminaires with LED. Select from direction-neutral micro-prisms or opal covers for diffuse light distribution. Furthermore, you can choose between two section shapes - giving you all the planning scope you need.



Project: 110 Fetter Lane, London, United Kingdom
Photography: Redshift Photography





Efficient Lighting Solution - awarded with BREEAM "excellent"

BREEAM

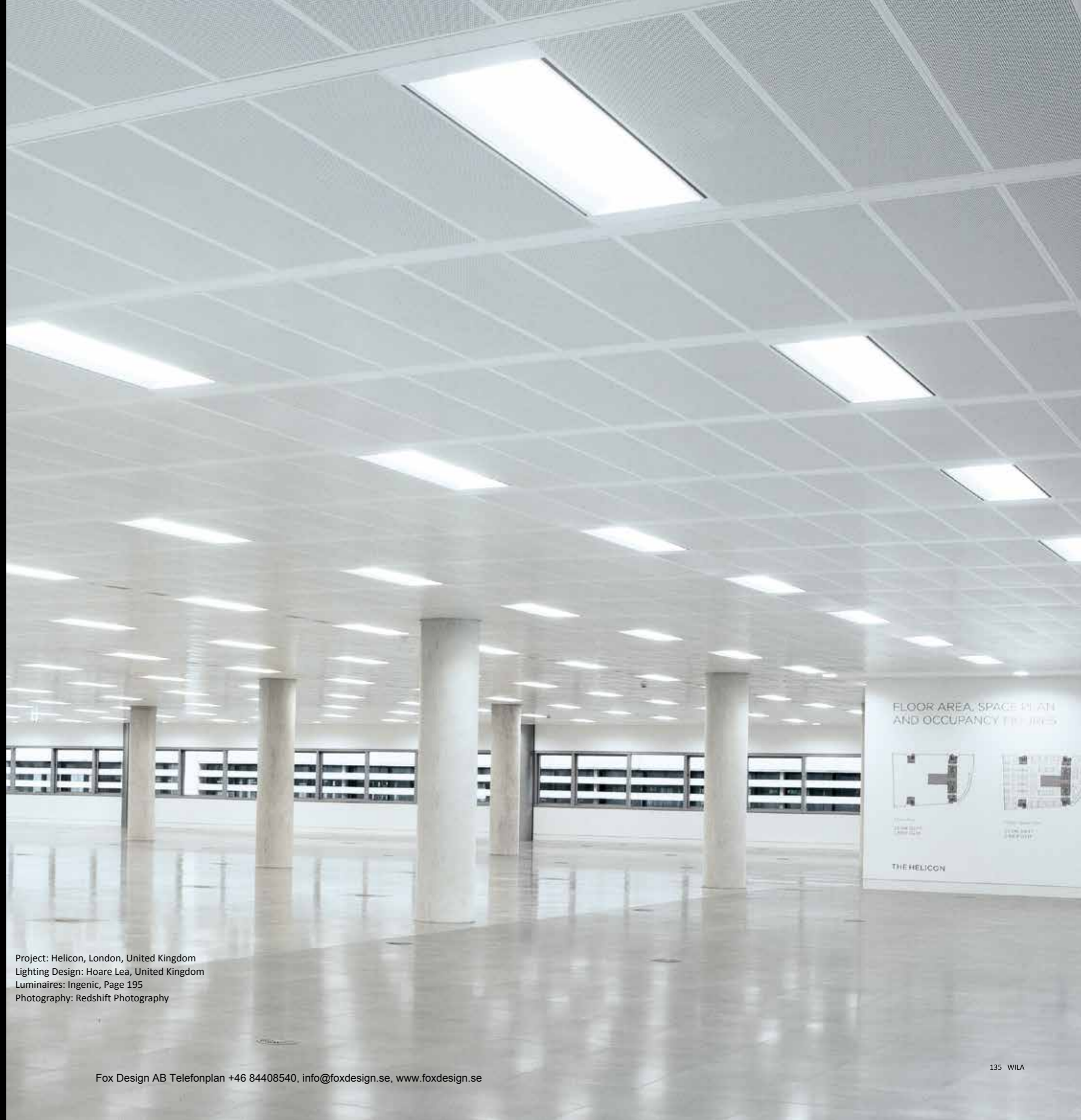
BRE's Environmental Assessment Method has been on the market since 1990 and is thus the oldest certification system. The following types of distinction are awarded "Good", "Very Good" and "Excellent".

Project: 110 Fetter Lane, London, United Kingdom
 Architectur: Woods Bagot, London
 Lighting Design: Chapman Bathurst, London
 Luminaires: Ingenic Page 196
 Photography: Redshift Photography

Light Atmosphere optimised for System Ceilings
The combination of direct and diffuse light emitted by these special recessed luminaires creates a very lively room atmosphere. The mounting system permits mounting in the four commonest panel ceilings.

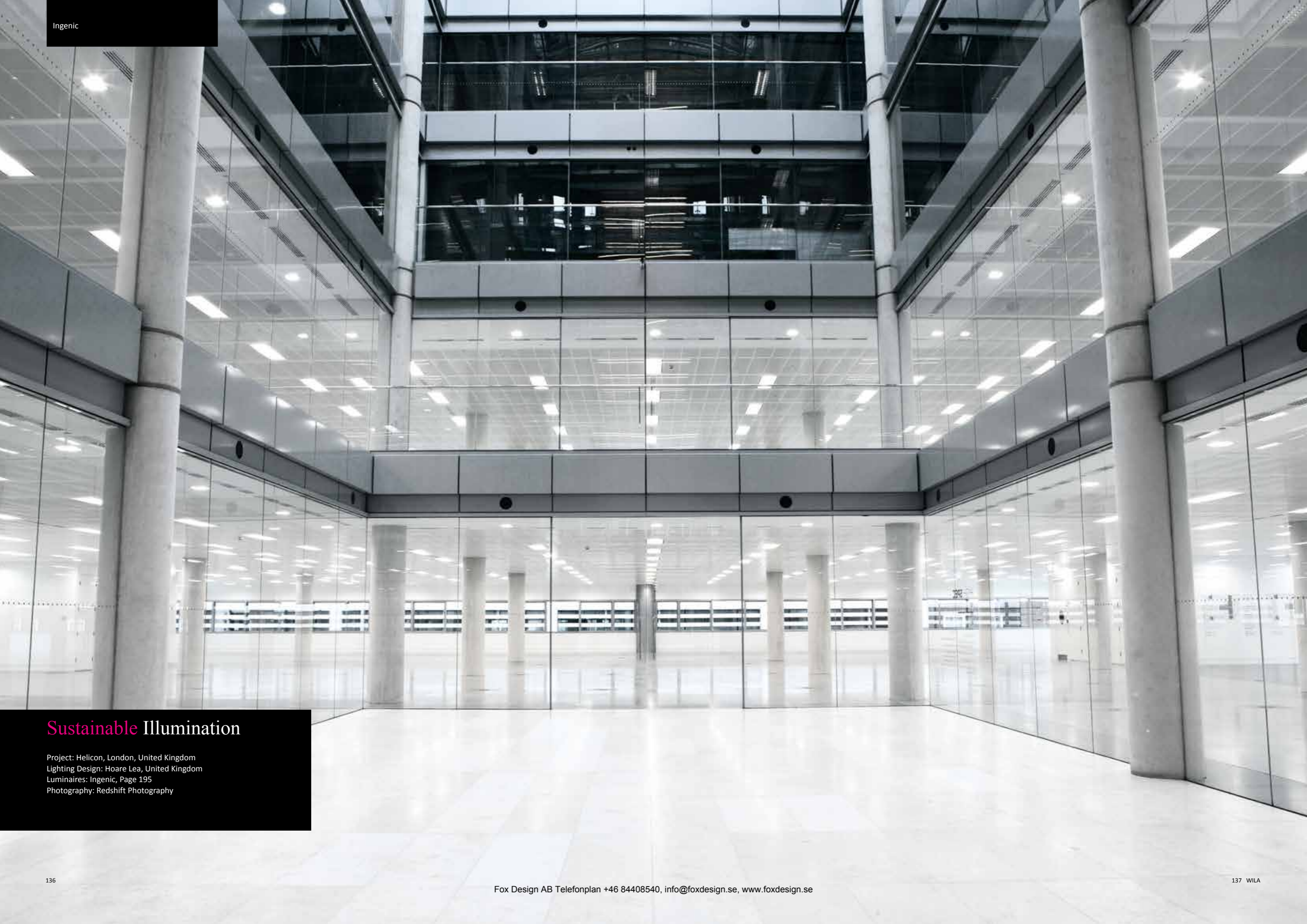


Mixture of directed and diffuse portions of light for improved light atmosphere



Project: Helicon, London, United Kingdom
Lighting Design: Hoare Lea, United Kingdom
Luminaires: Ingenic, Page 195
Photography: Redshift Photography



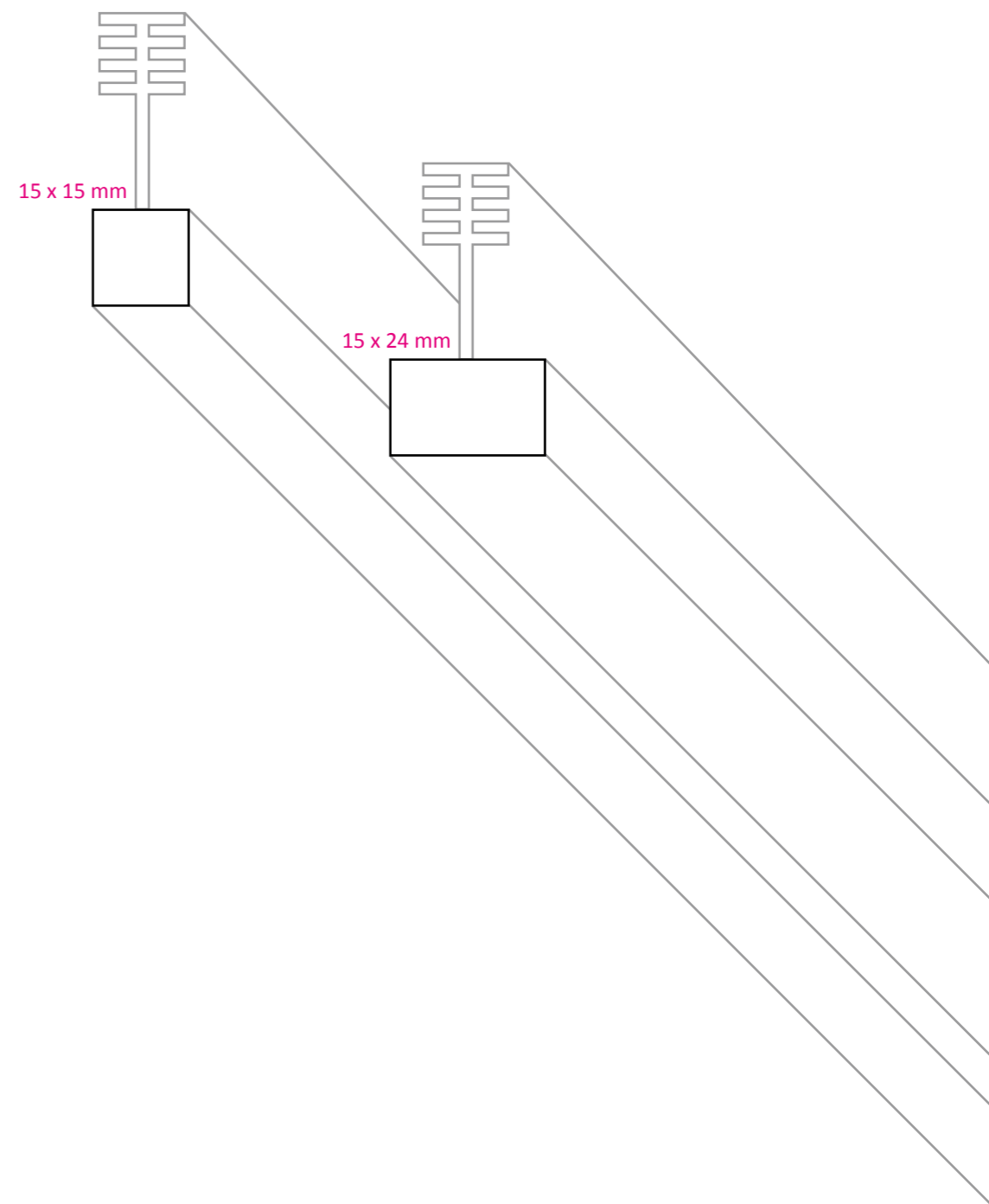


Sustainable Illumination

Project: Helicon, London, United Kingdom
Lighting Design: Hoare Lea, United Kingdom
Luminaires: Ingenic, Page 195
Photography: Redshift Photography

T-BAR

Product Data from Page 197





Minimalist Look and maximised Utility

Forming an integral part of the room's architecture, the T-BAR LED system makes for a calm, harmonious and tidy ceiling look. The LED modules used as mounting bars offer flexible light solutions within this grid.



Micro Prisms

Make for glare-free and uniform distribution of light and are ideal for a general illumination of a wide variety of rooms.



Linear Prisms

Thanks to their asymmetrical beam spread angle they are ideally suited for the uniform illumination of walls and surfaces featuring symbols or writing.



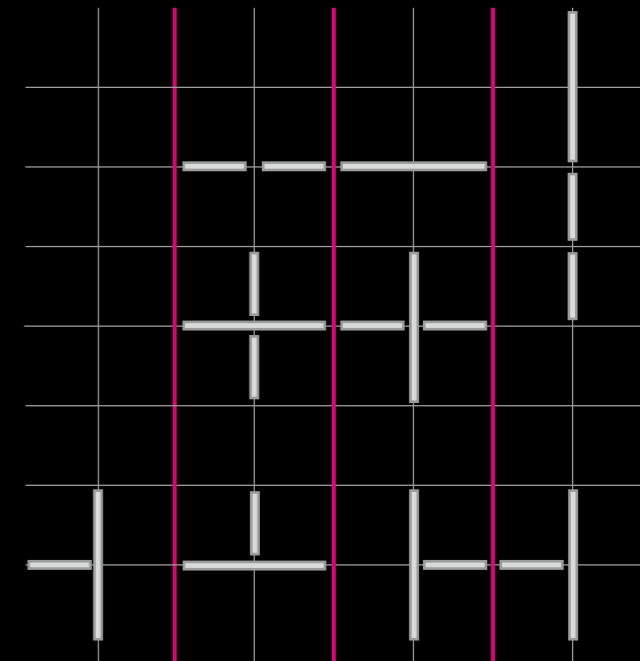
Individual Reflectors

Offer appealing light design and special visual comfort thanks to the Darklight effect.

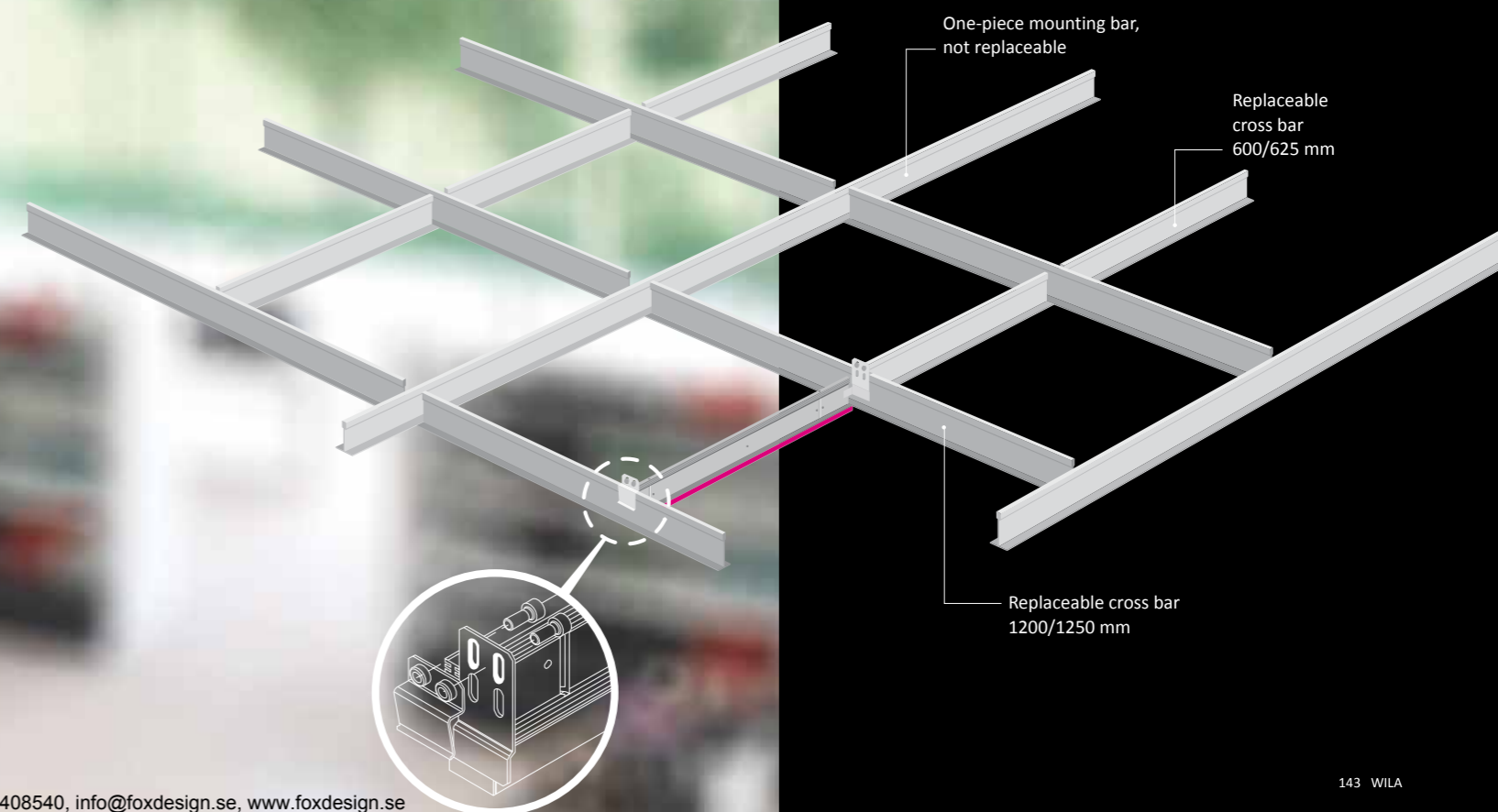


Easy Installation in Ceiling Systems

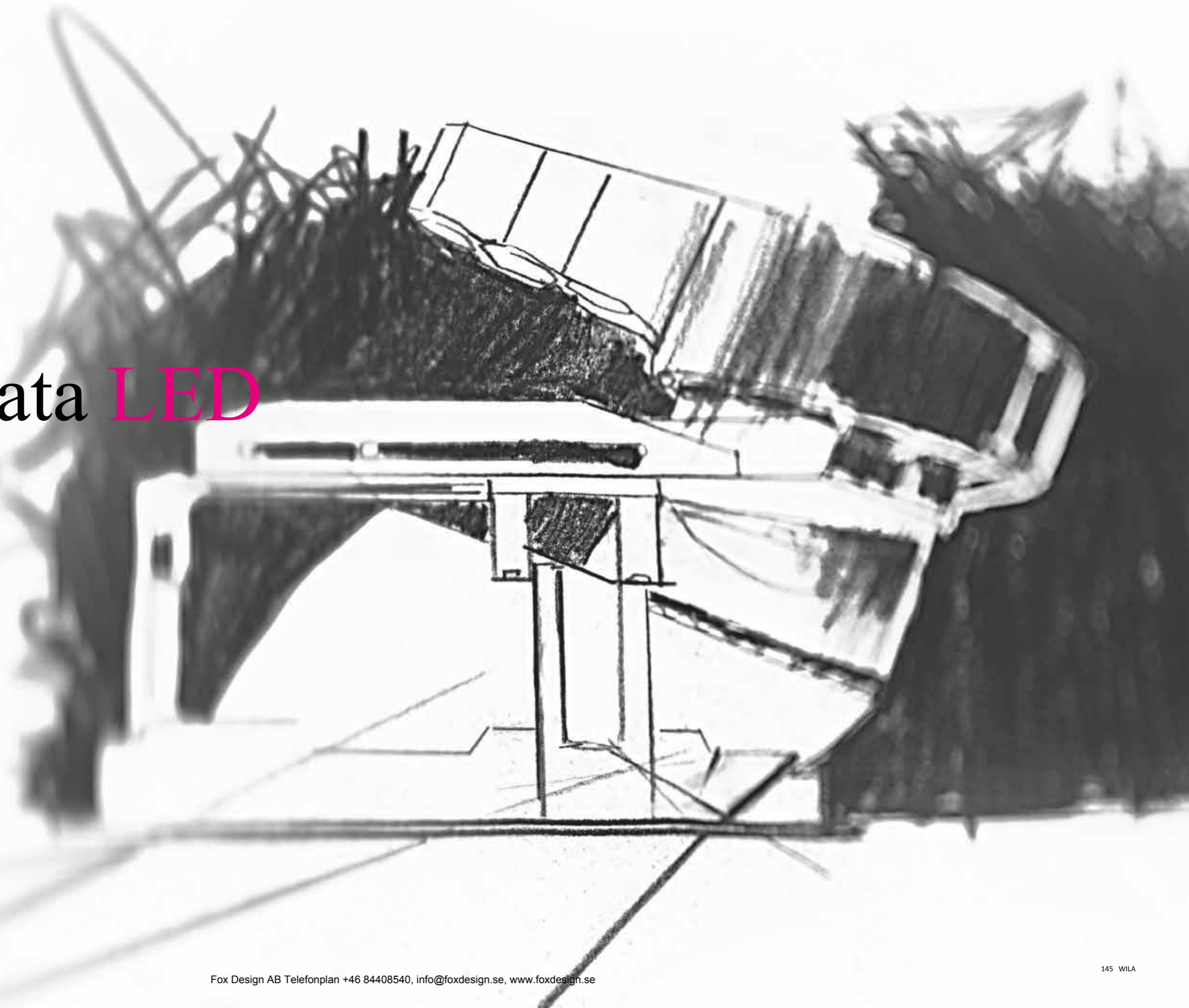
For individual solutions tuned to the purpose of the room the light modules can be inserted in the ceiling grid either individually, as a continuous line-up or arranged in a cross design. As a rule, not all one-piece mounting bars can be replaced by linear light modules. This means the T-BAR System opens up new, unobtrusive design perspectives.



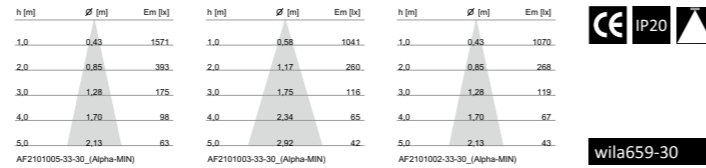
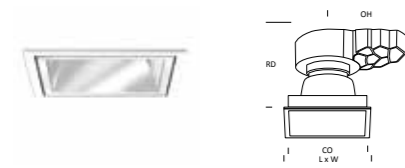
- Examples for array of T-BAR LED light modules
- Possible Positions for T-BAR LED light modules
- One-piece mounting bar - cannot be replaced by light modules



Product Data **LED**



alphabet focus



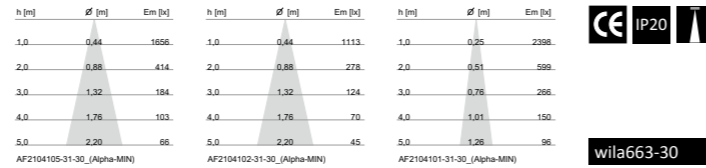
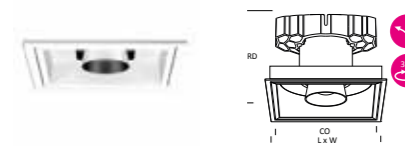
Downlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W max.	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 90										
Q10, LxW 127x127 mm, CO 120x120 mm, OH 115 mm										
17W	24 - 40	410 - 870	45	150	AF2101002-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
17W	35 - 60	510 - 810	42	150	AF2101003-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
24W	24 - 40	590 - 1260	47	150	AF2101005-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
24W	35 - 60	740 - 1190	45	150	AF2101006-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
36W	24 - 40	790 - 1660	42	200	AF2101008-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88088Q10
36W	35 - 60	1000 - 1610	40	200	AF2101009-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88088Q10
47W	24 - 40	1020 - 2170	42	200	AF2101011-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88088Q10
47W	35 - 60	1290 - 2070	40	200	AF2101012-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88088Q10

Q15, LxW 177x177 mm, CO 170x170 mm, OH 115 mm

17W	24 - 40	410 - 870	45	150	AF2101102-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q15
17W	35 - 60	510 - 810	42	150	AF2101103-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q15
24W	24 - 40	590 - 1260	47	150	AF2101105-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q15
24W	35 - 60	740 - 1190	45	150	AF2101106-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q15
36W	24 - 40	790 - 1660	42	200	AF2101108-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88088Q15
36W	35 - 60	1000 - 1610	40	200	AF2101109-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88088Q15
47W	24 - 40	1020 - 2170	42	200	AF2101111-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88088Q15
47W	35 - 60	1290 - 2070	40	200	AF2101112-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88088Q15

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com

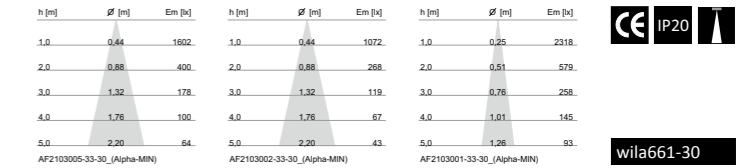
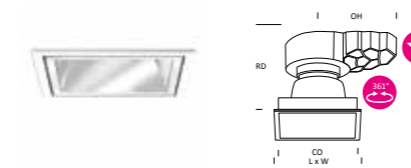


Recessed Adjustable Spotlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W max.	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 90										
Q15, LxW 177x177 mm, CO 170x170 mm										
18W	9	1130	57	160	AF2104120-31-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q15
18W	14 - 24	350 - 730	37	160	AF2104101-31-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q15
17W	24 - 40	420 - 810	42	160	AF2104102-31-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q15
24W	24 - 40	660 - 1250	53	160	AF2104105-31-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q15
36W	24 - 40	870 - 1650	42	160	AF2104108-31-30	83766	83766-DV	83766-DD	83766-DD-DV	88088Q15
47W	24 - 40	1090 - 2190	43	160	AF2104111-31-30	83767	83767-DV	83767-DD	83767-DD-DV	88088Q15

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com

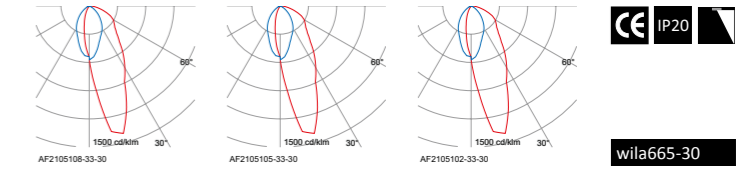
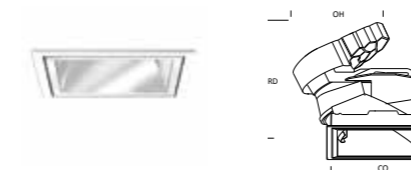
alphabet focus



Fully Recessed Adjustable Spotlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W max.	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 90										
Q10, LxW 127x127 mm, CO 120x120 mm, OH 115 mm										
18W	9	1130	57	200	AF2103020-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
18W	14 - 24	340 - 710	36	200	AF2103001-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
17W	24 - 40	410 - 780	41	200	AF2103002-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
24W	24 - 40	640 - 1200	45	200	AF2103005-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
36W	24 - 40	830 - 1590	40	200	AF2103008-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88088Q10
47W	24 - 40	1050 - 2110	41	200	AF2103011-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88088Q10

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com



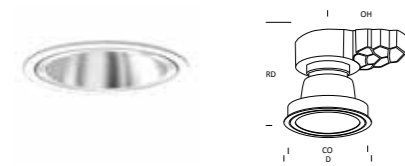
Wallwasher, 3000 K, Light distribution direct, asymmetric, Lens Wallwasher

W	Llm	Llm/W	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 90									
Q15, LxW 177x177 mm, CO 170x170 mm, OH 145 mm									
17W	950	49	200	AF2105102-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88088Q15
24W	1460	62	200	AF2105105-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88088Q15
36W	1910	49	200	AF2105108-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88088Q15
47W	2450	49	200	AF2105111-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88088Q15

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com



alphabet focus



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	0.43	1956	1.0	0.60	1014	1.0	0.44	1052
2.0	0.86	389	2.0	1.21	254	2.0	0.88	283
3.0	1.30	173	3.0	1.61	113	3.0	1.32	117
4.0	1.73	97	4.0	2.42	63	4.0	1.76	66
5.0	2.16	62	5.0	3.02	41	5.0	2.20	42

AF1101005-33-30 (Alpha-MIN) AF1101003-33-30 (Alpha-MIN) AF1101002-33-30 (Alpha-MIN)



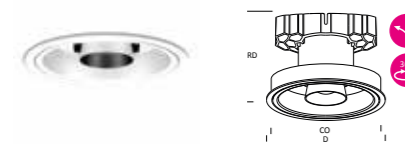
Downlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W max.	RD mm	Luminaire	Driver				Mounting Box
						standard	standard-DV	DALI	DALI-DV	
CRI 90										
R10, D 127 mm, CO 120 mm, OH 115 mm										
17W	24 - 40	410 - 850	44	150	AF1101002-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084R10
17W	35 - 60	510 - 820	43	150	AF1101003-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084R10
24W	24 - 40	630 - 1290	49	150	AF1101005-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084R10
24W	35 - 60	790 - 1260	47	150	AF1101006-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084R10
36W	24 - 40	800 - 1660	42	200	AF1101008-33-30	83766	83766-DV	83767-DD	83767-DD-DV	88089R10
36W	35 - 60	1030 - 1640	41	200	AF1101009-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88089R10
47W	24 - 40	1070 - 2250	44	200	AF1101011-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88089R10
47W	35 - 60	1320 - 2100	41	200	AF1101012-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88089R10

R15, D 172 mm, CO 165 mm, OH 115 mm

17W	24 - 40	410 - 850	44	150	AF1101102-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084R15
17W	35 - 60	510 - 820	43	150	AF1101103-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084R15
24W	24 - 40	630 - 1290	49	150	AF1101105-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084R15
24W	35 - 60	790 - 1260	47	150	AF1101106-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084R15
36W	24 - 40	800 - 1660	42	200	AF1101108-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88089R15
36W	35 - 60	1030 - 1640	41	200	AF1101109-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88089R15
47W	24 - 40	1070 - 2250	44	200	AF1101111-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88089R15
47W	35 - 60	1320 - 2100	41	200	AF1101112-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88089R15

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	0.43	1572	1.0	0.43	1367	1.0	0.35	2877
2.0	0.86	393	2.0	0.86	342	2.0	0.51	719
3.0	1.30	175	3.0	1.30	152	3.0	0.76	300
4.0	1.73	98	4.0	1.73	85	4.0	1.01	190
5.0	2.16	63	5.0	2.16	55	5.0	1.26	115

AF1104105-31-30 (Alpha-MIN) AF1104102-31-30 (Alpha-MIN) AF1104101-31-30 (Alpha-MIN)

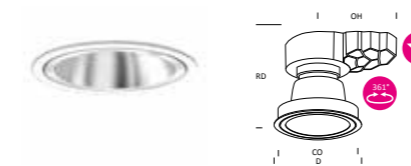


Recessed Adjustable Spotlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W max.	RD mm	Luminaire	Driver				Mounting Box
						standard	standard-DV	DALI	DALI-DV	
CRI 90										
R15, D 172 mm, CO 165 mm										
18W	9	1130	57	160	AF1104120-31-30	83761	83761-DV	83761-DD	83761-DD-DV	88084R15
18W	14 - 24	420 - 910	46	160	AF1104101-31-30	83761	83761-DV	83761-DD	83761-DD-DV	88084R15
17W	24 - 40	510 - 1020	53	160	AF1104102-31-30	83761	83761-DV	83761-DD	83761-DD-DV	88084R15
24W	24 - 40	630 - 1270	48	160	AF1104105-31-30	83762	83762-DV	83762-DD	83762-DD-DV	88084R15
36W	24 - 40	870 - 1780	45	160	AF1104108-31-30	83766	83766-DV	83766-DD	83766-DD-DV	88089R15
47W	24 - 40	1110 - 2230	43	160	AF1104111-31-30	83767	83767-DV	83767-DD	83767-DD-DV	88089R15

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com

alphabet focus



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	0.44	1494	1.0	0.43	1309	1.0	0.26	2797
2.0	0.87	374	2.0	0.86	327	2.0	0.51	699
3.0	1.31	186	3.0	1.30	145	3.0	0.76	311
4.0	1.74	93	4.0	1.73	82	4.0	1.01	175
5.0	2.18	60	5.0	2.16	52	5.0	1.26	112

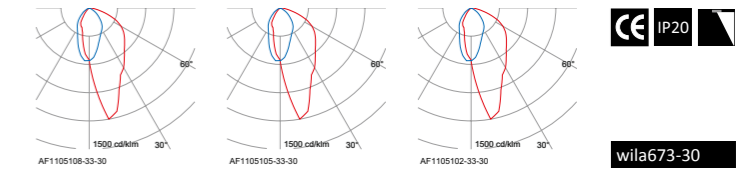
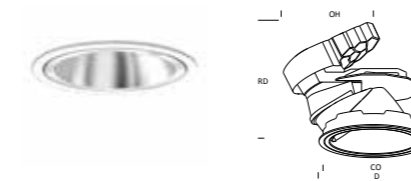
AF1103005-33-30 (Alpha-MIN) AF1103002-33-30 (Alpha-MIN) AF1103001-33-30 (Alpha-MIN)



Fully Recessed Adjustable Spotlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W max.	RD mm	Luminaire	Driver				Mounting Box
						standard	standard-DV	DALI	DALI-DV	
CRI 90										
R10, D 127 mm, CO 120 mm, OH 115 mm										
18W	9	1130	57	200	AF1103020-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084R10
18W	14 - 24	400 - 880	45	200	AF1103001-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084R10
17W	24 - 40	490 - 990	51	200	AF1103002-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084R10
24W	24 - 40	610 - 1220	46	200	AF1103005-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084R10
36W	24 - 40	850 - 1710	43	200	AF1103008-33-30	83766	83766-DV	83767-DD	83767-DD-DV	88089R10
47W	24 - 40	1070 - 2160	42	200	AF1103011-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88089R10

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com



Wallwasher, 3000 K, Light distribution direct, asymmetric, Lens Wallwasher

W	Llm	Llm/W	RD mm	Luminaire	Driver				Mounting Box
					standard	standard-DV	DALI	DALI-DV	
CRI 90									
R15, D 172 mm, CO 165 mm, OH 145 mm									
17W	940	49	200	AF1105102-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88089R15
24W	1450	55	200	AF1105105-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88089R15
36W	1890	47	200	AF1105108-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88089R15
47W	2420	47	200	AF1105111-33-30	83767	83767-DV	83767-DD	83767-DD-DV	88089R15

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com



alphabet spectra



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	1.06 / 1.06	922	1.0	0.69 / 0.70	1724	1.0	0.44 / 0.46	2466
2.0	2.12 / 2.13	231	2.0	1.38 / 1.41	431	2.0	0.88 / 0.92	616
3.0	3.18 / 3.19	102	3.0	2.07 / 2.11	192	3.0	1.32 / 1.39	274
4.0	4.24 / 4.25	58	4.0	2.75 / 2.82	108	4.0	1.76 / 1.85	154
5.0	5.30 / 5.32	37	5.0	3.44 / 3.52	60	5.0	2.20 / 2.31	90

AS2102001-30-30 + 83819Q08-60_16W AS2102001-30-30 + 83819Q08-40_16W AS2102001-30-30 + 83819Q08-20_16W



Downlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 98											
Q08, LxW 102x102 mm, CO 95x95 mm											
7W	20	590	74	100	AS2102001-30-30	83819Q08-20	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
7W	40	590	74	100	AS2102001-30-30	83819Q08-40	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
7W	60	590	74	100	AS2102001-30-30	83819Q08-60	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
11W	20	840	70	100	AS2102001-30-30	83819Q08-20	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
11W	40	840	70	100	AS2102001-30-30	83819Q08-40	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
11W	60	840	70	100	AS2102001-30-30	83819Q08-60	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
16W	20	1090	61	100	AS2102001-30-30	83819Q08-20	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
16W	40	1090	61	100	AS2102001-30-30	83819Q08-40	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
16W	60	1090	61	100	AS2102001-30-30	83819Q08-60	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
Q10, LxW 127x127 mm, CO 120x120 mm											
7W	20	590	74	115	AS2102004-30-30	83819Q10-20	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
7W	40	590	74	115	AS2102004-30-30	83819Q10-40	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
7W	60	590	74	115	AS2102004-30-30	83819Q10-60	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
11W	20	840	70	115	AS2102004-30-30	83819Q10-20	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
11W	40	840	70	115	AS2102004-30-30	83819Q10-40	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
11W	60	840	70	115	AS2102004-30-30	83819Q10-60	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
16W	20	1090	61	115	AS2102004-30-30	83819Q10-20	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
16W	40	1090	61	115	AS2102004-30-30	83819Q10-40	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
16W	60	1090	61	115	AS2102004-30-30	83819Q10-60	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
26W	20	1680	58	145	AS2102013-30-30	83819Q10-20	83763	83763-DV	83763-DD	83763-DD-DV	88088Q10
26W	40	1680	58	145	AS2102013-30-30	83819Q10-40	83763	83763-DV	83763-DD	83763-DD-DV	88088Q10
26W	60	1680	58	145	AS2102013-30-30	83819Q10-60	83763	83763-DV	83763-DD	83763-DD-DV	88088Q10
34W	20	2520	68	155	AS2102016-30-30	83819Q10-20	83766	83766-DV	83766-DD	83766-DD-DV	88088Q10
34W	40	2520	68	155	AS2102016-30-30	83819Q10-40	83766	83766-DV	83766-DD	83766-DD-DV	88088Q10
34W	60	2520	68	155	AS2102016-30-30	83819Q10-60	83766	83766-DV	83766-DD	83766-DD-DV	88088Q10
CRI 83											
Q08, LxW 102x102 mm, CO 95x95 mm											
6W	20	590	84	100	AS2102104-30-30	83819Q08-20	83771	83771-DV	83753-DD	83753-DD-DV	88084Q08
6W	40	590	84	100	AS2102104-30-30	83819Q08-40	83771	83771-DV	83753-DD	83753-DD-DV	88084Q08
6W	60	590	84	100	AS2102104-30-30	83819Q08-60	83771	83771-DV	83753-DD	83753-DD-DV	88084Q08
8W	20	840	93	100	AS2102104-30-30	83819Q08-20	83761	83761-DV	83754-DD	83754-DD-DV	88084Q08
8W	40	840	93	100	AS2102104-30-30	83819Q08-40	83761	83761-DV	83754-DD	83754-DD-DV	88084Q08
8W	60	840	93	100	AS2102104-30-30	83819Q08-60	83761	83761-DV	83754-DD	83754-DD-DV	88084Q08
12W	20	1090	84	100	AS2102104-30-30	83819Q08-20	83762	83762-DV	83755-DD	83755-DD-DV	88084Q08
12W	40	1090	84	100	AS2102104-30-30	83819Q08-40	83762	83762-DV	83755-DD	83755-DD-DV	88084Q08
12W	60	1090	84	100	AS2102104-30-30	83819Q08-60	83762	83762-DV	83755-DD	83755-DD-DV	88084Q08
20W	20	1680	76	100	AS2102131-30-30	83819Q08-20	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
20W	40	1680	76	100	AS2102131-30-30	83819Q08-40	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
20W	60	1680	76	100	AS2102131-30-30	83819Q08-60	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
Q10, LxW 127x127 mm, CO 120x120 mm											
8W	20	840	93	115	AS2102113-30-30	83819Q10-20	83761	83761-DV	83754-DD	83754-DD-DV	88084Q10
8W	40	840	93	115	AS2102113-30-30	83819Q10-40	83761	83761-DV	83754-DD	83754-DD-DV	88084Q10
8W	60	840	93	115	AS2102113-30-30	83819Q10-60	83761	83761-DV	83754-DD	83754-DD-DV	88084Q10
12W	20	1090	84	115	AS2102113-30-30	83819Q10-20	83762	83762-DV	83755-DD	83755-DD-DV	88084Q10
12W	40	1090	84	115	AS2102113-30-30	83819Q10-40	83762	83762-DV	83755-DD	83755-DD-DV	88084Q10
12W	60	1090	84	115	AS2102113-30-30	83819Q10-60	83762	83762-DV	83755-DD	83755-DD-DV	88084Q10
20W	20	1680	76	115	AS2102119-30-30	83819Q10-20	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
20W	40	1680	76	115	AS2102119-30-30	83819Q10-40	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
20W	60	1680	76	115	AS2102119-30-30	83819Q10-60	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
29W	20	2520	79	145	AS2102125-30-30	83819Q10-20	83763	83763-DV	83776-DD	83776-DD-DV	88088Q10
29W	40	2520	79	145	AS2102125-30-30	83819Q10-40	83763	83763-DV	83776-DD	83776-DD-DV	88088Q10
29W	60	2520	79	145	AS2102125-30-30	83819Q10-60	83763	83763-DV	83776-DD	83776-DD-DV	88088Q10
39W	20	3140	75	155	AS2102128-30-30	83819Q10-20	83752	83752-DV	83752-DD	83752-DD-DV	88088Q10
39W	40	3140	75	155	AS2102128-30-30	83819Q10-40	83752	83752-DV	83752-DD	83752-DD-DV	88088Q10
39W	60	3140	75	155	AS2102128-30-30	83819Q10-60	83752	83752-DV	83752-DD	83752-DD-DV	88088Q10

Use index -30 (3000 K) or -40 (4000 K) or -27 (2700 K, only up to 16 W), photometric data in the "products" on www.wila.com
For Liteoptics use index -20/40/60 (different angles) or -BK (Reflector black, α = 60°) or -WT (Reflector white, α = 60°)

alphabet spectra



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	0.33 / 0.35	3989	1.0	0.33 / 0.35	2351	1.0	0.33 / 0.35	4388
2.0	0.67 / 0.71	842	2.0	0.67 / 0.71	588	2.0	0.67 / 0.71	1097
3.0	1.00 / 1.06	374	3.0	1.00 / 1.06	261	3.0	1.00 / 1.06	488
4.0	1.34 / 1.41	211	4.0	1.34 / 1.41	147	4.0	1.34 / 1.41	274
5.0	1.67 / 1.76	135	5.0	1.67 / 1.76	94	5.0	1.67 / 1.76	176

AS2103004-33-30_11W AS2103004-33-30_7W AS2103004-33-30_16W



Fully Recessed Adjustable Spotlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 98										
Q10, LxW 127x127 mm, CO 120x120 mm										
7W	20	600	75	135	AS2103004-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
7W	40	600	75	135	AS2103005-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
7W	60	570	71	135	AS2103006-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
11W	20	860	72	135	AS2103004-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
11W	40	860	72	135	AS2103005-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
11W	60	810	68	135	AS2103006-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
16W	20	1120	62	135	AS2103004-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
16W	40	1120	62	135	AS2103005-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
16W	60	1050	58	135	AS2103006-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
26W	20	1720	59	160	AS2103013-33-30	83763	83763-DV	83763-DD	83763-DD-DV	88088Q10
26W	40	1720	59	160	AS2103014-33-30	83763	83763-DV	83763-DD	83763-DD-DV	88088Q10
26W	60	1620	56	160	AS2103015-33-30	83763	83763-DV	83763-DD	83763-DD-DV	88088Q10
34W	20	2580	70	160	AS2103016-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88088Q10
34W	40	2580	70	160	AS2103017-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88088Q10
34W	60	2430	66							

alphabet spectra



h [m]	φ [m]	Em [lx]	h [m]	φ [m]	Em [lx]	h [m]	φ [m]	Em [lx]
1.0	1.11 / 1.11	860	1.0	0.69 / 0.70	1675	1.0	0.32 / 0.33	4311
2.0	2.22 / 2.22	215	2.0	1.38 / 1.39	419	2.0	0.63 / 0.66	1078
3.0	3.33 / 3.33	98	3.0	2.07 / 2.09	186	3.0	0.95 / 0.99	479
4.0	4.43 / 4.43	54	4.0	2.75 / 2.79	105	4.0	1.27 / 1.32	289
5.0	5.54 / 5.54	34	5.0	3.44 / 3.48	67	5.0	1.58 / 1.66	172

AS2102001-30-30 + 83815Q08-60_16W AS2102001-30-30 + 83815Q08-40_16W AS2102001-30-30 + 83815Q08-20_16W



IP44 in closed ceiling systems

wila685-30

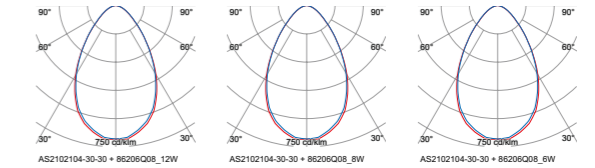
Downlight with Liteoptic, Safety Screen, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 98											
Q08, LxW 102x102 mm, CO 95x95 mm											
7W	20	570	71	105	AS2102001-30-30	83815Q08-20	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
7W	40	570	71	105	AS2102001-30-30	83815Q08-40	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
7W	60	570	71	105	AS2102001-30-30	83815Q08-60	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
11W	20	810	68	105	AS2102001-30-30	83815Q08-20	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
11W	40	810	68	105	AS2102001-30-30	83815Q08-40	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
11W	60	810	68	105	AS2102001-30-30	83815Q08-60	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
16W	20	1050	58	105	AS2102001-30-30	83815Q08-20	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
16W	40	1050	58	105	AS2102001-30-30	83815Q08-40	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
16W	60	1050	58	105	AS2102001-30-30	83815Q08-60	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
Q10, LxW 127x127 mm, CO 120x120 mm											
7W	20	570	71	120	AS2102004-30-30	83815Q10-20	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
7W	40	570	71	120	AS2102004-30-30	83815Q10-40	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
7W	60	570	71	120	AS2102004-30-30	83815Q10-60	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
11W	20	810	68	120	AS2102004-30-30	83815Q10-20	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
11W	40	810	68	120	AS2102004-30-30	83815Q10-40	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
11W	60	810	68	120	AS2102004-30-30	83815Q10-60	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
16W	20	1050	58	120	AS2102004-30-30	83815Q10-20	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
16W	40	1050	58	120	AS2102004-30-30	83815Q10-40	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
16W	60	1050	58	120	AS2102004-30-30	83815Q10-60	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
26W	20	1620	56	150	AS2102013-30-30	83815Q10-20	83763	83763-DV	83763-DD	83763-DD-DV	88088Q10
26W	40	1620	56	150	AS2102013-30-30	83815Q10-40	83763	83763-DV	83763-DD	83763-DD-DV	88088Q10
26W	60	1620	56	150	AS2102013-30-30	83815Q10-60	83763	83763-DV	83763-DD	83763-DD-DV	88088Q10
34W	20	2430	66	160	AS2102016-30-30	83815Q10-20	83766	83766-DV	83766-DD	83766-DD-DV	88088Q10
34W	40	2430	66	160	AS2102016-30-30	83815Q10-40	83766	83766-DV	83766-DD	83766-DD-DV	88088Q10
34W	60	2430	66	160	AS2102016-30-30	83815Q10-60	83766	83766-DV	83766-DD	83766-DD-DV	88088Q10

CRI 83											
Q08, LxW 102x102 mm, CO 95x95 mm											
6W	20	570	81	105	AS2102104-30-30	83815Q08-20	83771	83771-DV	83753-DD	83753-DD-DV	88084Q08
6W	40	570	81	105	AS2102104-30-30	83815Q08-40	83771	83771-DV	83753-DD	83753-DD-DV	88084Q08
6W	60	570	81	105	AS2102104-30-30	83815Q08-60	83771	83771-DV	83753-DD	83753-DD-DV	88084Q08
8W	20	810	90	105	AS2102104-30-30	83815Q08-20	83761	83761-DV	83754-DD	83754-DD-DV	88084Q08
8W	40	810	90	105	AS2102104-30-30	83815Q08-40	83761	83761-DV	83754-DD	83754-DD-DV	88084Q08
8W	60	810	90	105	AS2102104-30-30	83815Q08-60	83761	83761-DV	83754-DD	83754-DD-DV	88084Q08
12W	20	1050	81	105	AS2102104-30-30	83815Q08-20	83762	83762-DV	83755-DD	83755-DD-DV	88084Q08
12W	40	1050	81	105	AS2102104-30-30	83815Q08-40	83762	83762-DV	83755-DD	83755-DD-DV	88084Q08
12W	60	1050	81	105	AS2102104-30-30	83815Q08-60	83762	83762-DV	83755-DD	83755-DD-DV	88084Q08
20W	20	1620	74	105	AS2102131-30-30	83815Q08-20	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
20W	40	1620	74	105	AS2102131-30-30	83815Q08-40	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
20W	60	1620	74	105	AS2102131-30-30	83815Q08-60	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
Q10, LxW 127x127 mm, CO 120x120 mm											
8W	20	810	90	120	AS2102113-30-30	83815Q10-20	83761	83761-DV	83754-DD	83754-DD-DV	88084Q10
8W	40	810	90	120	AS2102113-30-30	83815Q10-40	83761	83761-DV	83754-DD	83754-DD-DV	88084Q10
8W	60	810	90	120	AS2102113-30-30	83815Q10-60	83761	83761-DV	83754-DD	83754-DD-DV	88084Q10
12W	20	1050	81	120	AS2102113-30-30	83815Q10-20	83762	83762-DV	83755-DD	83755-DD-DV	88084Q10
12W	40	1050	81	120	AS2102113-30-30	83815Q10-40	83762	83762-DV	83755-DD	83755-DD-DV	88084Q10
12W	60	1050	81	120	AS2102113-30-30	83815Q10-60	83762	83762-DV	83755-DD	83755-DD-DV	88084Q10
20W	20	1620	74	120	AS2102119-30-30	83815Q10-20	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
20W	40	1620	74	120	AS2102119-30-30	83815Q10-40	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
20W	60	1620	74	120	AS2102119-30-30	83815Q10-60	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
29W	20	2430	76	150	AS2102125-30-30	83815Q10-20	83763	83763-DV	83776-DD	83776-DD-DV	88088Q10
29W	40	2430	76	150	AS2102125-30-30	83815Q10-40	83763	83763-DV	83776-DD	83776-DD-DV	88088Q10
29W	60	2430	76	150	AS2102125-30-30	83815Q10-60	83763	83763-DV	83776-DD	83776-DD-DV	88088Q10
39W	20	3040	72	160	AS2102128-30-30	83815Q10-20	83752	83752-DV	83752-DD	83752-DD-DV	88088Q10
39W	40	3040	72	160	AS2102128-30-30	83815Q10-40	83752	83752-DV	83752-DD	83752-DD-DV	88088Q10
39W	60	3040	72	160	AS2102128-30-30	83815Q10-60	83752	83752-DV	83752-DD	83752-DD-DV	88088Q10

Use index -30 (3000 K) or -40 (4000 K) or -27 (2700 K, only up to 16 W), photometric data in the "products" on www.wila.com

alphabet spectra



IP44 in closed ceiling systems

wila689-30

Downlight with Liteoptic, Diffusing Screen, 3000 K, Light distribution direct

W	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 83										
Q08, LxW 102x102 mm, CO 95x95 mm										
6W	470	67	105	AS2102104-30-30	86206Q08	83771	83771-DV	83753-DD	83753-DD-DV	88084Q08
8W	670	74	105	AS2102104-30-30	86206Q08	83761	83761-DV	83754-DD	83754-DD-DV	88084Q08
12W	870	67	105	AS2102104-30-30	86206Q08	83762	83762-DV	83755-DD	83755-DD-DV	88084Q08
20W	1340	61	105	AS2102131-30-30	86206Q08	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
Q10, LxW 127x127 mm, CO 120x120 mm										
8W	670	74	120	AS2102113-30-30	86206Q10	83761	83761-DV	83754-DD	83754-DD-DV	88084Q10
12W	870	67	120	AS2102113-30-30	86206Q10	83762	83762-DV	83755-DD	83755-DD-DV	88084Q10
20W	1340	61	120	AS2102119-30-30	86206Q10	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
29W	2010	63	150	AS2102125-30-30	86206Q10	83763	83763-DV	83776-DD	83776-DD-DV	88088Q10
39W	2520	60	160	AS2102128-30-30	86206Q10	83752	83752-DV	83752-DD	83752-DD-DV	88088Q10

Use index -30 (3000 K) or -40 (4000 K) or -27 (2700 K, only up to 16 W), photometric data in the "products" on www.wila.com



alphabet spectra



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	1.06 / 1.06	989	1.0	0.69 / 0.70	1866	1.0	0.44 / 0.46	2669
2.0	2.12 / 2.13	250	2.0	1.38 / 1.41	467	2.0	0.88 / 0.92	667
3.0	3.18 / 3.19	111	3.0	2.07 / 2.11	207	3.0	1.32 / 1.39	297
4.0	4.24 / 4.25	62	4.0	2.75 / 2.82	117	4.0	1.76 / 1.85	187
5.0	5.30 / 5.32	40	5.0	3.44 / 3.52	75	5.0	2.20 / 2.31	107

AS1102001-30-30 + 83819R08-60_16W AS1102001-30-30 + 83819R08-40_16W AS1102001-30-30 + 83819R08-20_16W



wila702-30

Downlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver				Mounting Box
							standard	standard-DV	DALI	DALI-DV	
CRI 98											
R08, D 102 mm, CO 95 mm											
7W	20	640	80	95	AS1102001-30-30	83819R08-20	83771	83771-DV	83771-DD	83771-DD-DV	88022R08
7W	40	640	80	95	AS1102001-30-30	83819R08-40	83771	83771-DV	83771-DD	83771-DD-DV	88022R08
7W	60	640	80	95	AS1102001-30-30	83819R08-60	83771	83771-DV	83771-DD	83771-DD-DV	88022R08
11W	20	910	76	95	AS1102001-30-30	83819R08-20	83761	83761-DV	83761-DD	83761-DD-DV	88022R08
11W	40	910	76	95	AS1102001-30-30	83819R08-40	83761	83761-DV	83761-DD	83761-DD-DV	88022R08
11W	60	910	76	95	AS1102001-30-30	83819R08-60	83761	83761-DV	83761-DD	83761-DD-DV	88022R08
16W	20	1180	66	95	AS1102001-30-30	83819R08-20	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
16W	40	1180	66	95	AS1102001-30-30	83819R08-40	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
16W	60	1180	66	95	AS1102001-30-30	83819R08-60	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
R10, D 127 mm, CO 120 mm											
7W	20	640	80	110	AS1102004-30-30	83819R10-20	83771	83771-DV	83771-DD	83771-DD-DV	88053R10
7W	40	640	80	110	AS1102004-30-30	83819R10-40	83771	83771-DV	83771-DD	83771-DD-DV	88053R10
7W	60	640	80	110	AS1102004-30-30	83819R10-60	83771	83771-DV	83771-DD	83771-DD-DV	88053R10
11W	20	910	76	110	AS1102004-30-30	83819R10-20	83761	83761-DV	83761-DD	83761-DD-DV	88053R10
11W	40	910	76	110	AS1102004-30-30	83819R10-40	83761	83761-DV	83761-DD	83761-DD-DV	88053R10
11W	60	910	76	110	AS1102004-30-30	83819R10-60	83761	83761-DV	83761-DD	83761-DD-DV	88053R10
16W	20	1180	66	110	AS1102004-30-30	83819R10-20	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
16W	40	1180	66	110	AS1102004-30-30	83819R10-40	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
16W	60	1180	66	110	AS1102004-30-30	83819R10-60	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
26W	20	1820	63	140	AS1102013-30-30	83819R10-20	83763	83763-DV	83763-DD	83763-DD-DV	88089R10
26W	40	1820	63	140	AS1102013-30-30	83819R10-40	83763	83763-DV	83763-DD	83763-DD-DV	88089R10
26W	60	1820	63	140	AS1102013-30-30	83819R10-60	83763	83763-DV	83763-DD	83763-DD-DV	88089R10
34W	20	2730	74	150	AS1102016-30-30	83819R10-20	83766	83766-DV	83766-DD	83766-DD-DV	88089R10
34W	40	2730	74	150	AS1102016-30-30	83819R10-40	83766	83766-DV	83766-DD	83766-DD-DV	88089R10
34W	60	2730	74	150	AS1102016-30-30	83819R10-60	83766	83766-DV	83766-DD	83766-DD-DV	88089R10
CRI 83											
R08, D 102 mm, CO 95 mm											
6W	20	640	91	95	AS1102104-30-30	83819R08-20	83771	83771-DV	83753-DD	83753-DD-DV	88022R08
6W	40	640	91	95	AS1102104-30-30	83819R08-40	83771	83771-DV	83753-DD	83753-DD-DV	88022R08
6W	60	640	91	95	AS1102104-30-30	83819R08-60	83771	83771-DV	83753-DD	83753-DD-DV	88022R08
8W	20	910	101	95	AS1102104-30-30	83819R08-20	83761	83761-DV	83754-DD	83754-DD-DV	88022R08
8W	40	910	101	95	AS1102104-30-30	83819R08-40	83761	83761-DV	83754-DD	83754-DD-DV	88022R08
8W	60	910	101	95	AS1102104-30-30	83819R08-60	83761	83761-DV	83754-DD	83754-DD-DV	88022R08
12W	20	1180	91	95	AS1102104-30-30	83819R08-20	83762	83762-DV	83755-DD	83755-DD-DV	88022R08
12W	40	1180	91	95	AS1102104-30-30	83819R08-40	83762	83762-DV	83755-DD	83755-DD-DV	88022R08
12W	60	1180	91	95	AS1102104-30-30	83819R08-60	83762	83762-DV	83755-DD	83755-DD-DV	88022R08
20W	20	1820	83	95	AS1102131-30-30	83819R08-20	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
20W	40	1820	83	95	AS1102131-30-30	83819R08-40	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
20W	60	1820	83	95	AS1102131-30-30	83819R08-60	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
R10, D 127 mm, CO 120 mm											
8W	20	910	101	110	AS1102113-30-30	83819R10-20	83761	83761-DV	83754-DD	83754-DD-DV	88053R10
8W	40	910	101	110	AS1102113-30-30	83819R10-40	83761	83761-DV	83754-DD	83754-DD-DV	88053R10
8W	60	910	101	110	AS1102113-30-30	83819R10-60	83761	83761-DV	83754-DD	83754-DD-DV	88053R10
12W	20	1180	91	110	AS1102113-30-30	83819R10-20	83762	83762-DV	83755-DD	83755-DD-DV	88053R10
12W	40	1180	91	110	AS1102113-30-30	83819R10-40	83762	83762-DV	83755-DD	83755-DD-DV	88053R10
12W	60	1180	91	110	AS1102113-30-30	83819R10-60	83762	83762-DV	83755-DD	83755-DD-DV	88053R10
20W	20	1820	83	110	AS1102119-30-30	83819R10-20	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
20W	40	1820	83	110	AS1102119-30-30	83819R10-40	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
20W	60	1820	83	110	AS1102119-30-30	83819R10-60	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
29W	20	2730	85	140	AS1102125-30-30	83819R10-20	83763	83763-DV	83776-DD	83776-DD-DV	88089R10
29W	40	2730	85	140	AS1102125-30-30	83819R10-40	83763	83763-DV	83776-DD	83776-DD-DV	88089R10
29W	60	2730	85	140	AS1102125-30-30	83819R10-60	83763	83763-DV	83776-DD	83776-DD-DV	88089R10
39W	20	3400	81	150	AS1102128-30-30	83819R10-20	83752	83752-DV	83752-DD	83752-DD-DV	88089R10
39W	40	3400	81	150	AS1102128-30-30	83819R10-40	83752	83752-DV	83752-DD	83752-DD-DV	88089R10
39W	60	3400	81	150	AS1102128-30-30	83819R10-60	83752	83752-DV	83752-DD	83752-DD-DV	88089R10

Use index -30 (3000 K) or -40 (4000 K) or -27 (2700 K, only up to 16 W), photometric data in the "products" on www.wila.com
 For Liteoptics use index -20/40/60 (different angles) or -BK (Reflector black, α = 60°) or -WT (Reflector white, α = 60°)

alphabet spectra



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	0.33 / 0.35	3369	1.0	0.33 / 0.35	2351	1.0	0.33 / 0.35	4388
2.0	0.67 / 0.71	842	2.0	0.67 / 0.71	588	2.0	0.67 / 0.71	1097
3.0	1.00 / 1.06	374	3.0	1.00 / 1.06	261	3.0	1.00 / 1.06	488
4.0	1.34 / 1.41	211	4.0	1.34 / 1.41	147	4.0	1.34 / 1.41	274
5.0	1.67 / 1.76	135	5.0	1.67 / 1.76	94	5.0	1.67 / 1.76	176

AS1103004-33-30_11W AS1103004-33-30_7W AS1103004-33-30_16W

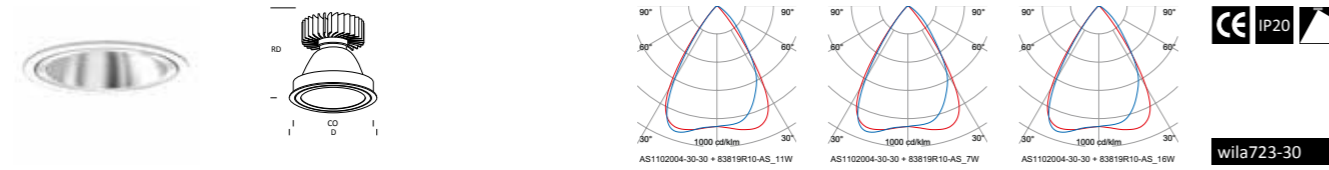


wila717-30

Fully Recessed Adjustable Spotlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Driver	DALI				Mounting Box
							standard	standard-DV	DALI	DALI-DV	
CRI 98											
R10, D 127 mm, CO 120 mm, OH 80 mm											
7W	20	600	75	130	AS1103004-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88053R10	
7W	40	600	75	130	AS1103005-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88053R10	
7W	60	570	71	130	AS1103006-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88053R10	
11W	20	860	72	130	AS1103004-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88053R10	
11W	40	860	72	130	AS1103005-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88053R10	
11W	60	810	68	130	AS1103006-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88053R10	
16W	20	1120	62	130	AS1103004-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88053R10	
16W	40	1120	62	130	AS1103005-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88053R10	
16W	60	1050	58	130	AS1103006-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88053R10	
26W	20	1720	59	155	AS1103013-33-30	83763	83763-DV	83763-DD	83763-DD-DV	88089R10	
26W	40	1720	59	155	AS1103014-33-30	83763	83763-DV	83763-DD	83763-DD-DV	88089R10	
26W	60	1620	56	155	AS1103015-33-30	83763	83763-DV	83763-DD	83763-DD-DV	88089R10	
34W	20	2580	70	155	AS1103016-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88089R10	
34W	40	2580	70	155	AS1103017-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88089R10	
34W	60	2430	66	155	AS1103018-33-30	83766	83766-DV	83766-DD	83766-DD-DV	88089R10	
CRI 83											
R10, D 127 mm, CO 120 mm, OH 80 mm											
6W	20	600	86	130	AS1103113-33-30	83771	83771-DV	83753-DD	83753-DD-DV	88053R10	
6W	40	600	86	130	AS1103114-33-30	83771	83771-DV	83753-DD	83753-DD-DV	88053R10	
6W	60	570	81	130	AS1103115-33-30	83771	83771-DV	83753-DD	83753-DD-DV	88053R10	
8W	20	860	96	130	AS1103113-33-30	83761	83761-DV	83754-DD	83754-DD-DV	88053R10	
8W	40	860	96	130	AS1103114-33-30	83761	83761-DV	83754-DD	83754-DD-DV	88053R10	
8W	6										

alphabet spectra



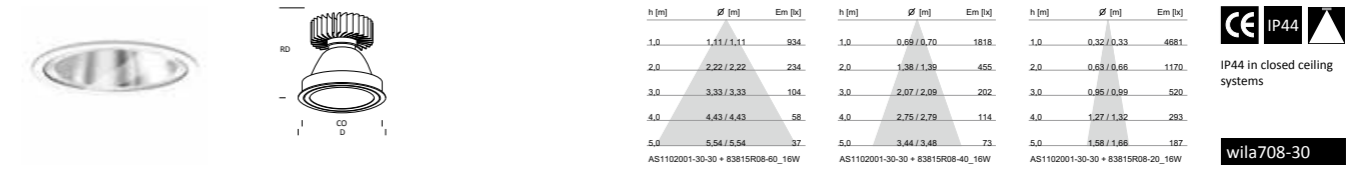
Wallwasher-Downlight, 3000 K, Light distribution direct, asymmetric

W	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 98										
R10, D 127 mm, CO 120 mm										
7W	580	73	115	AS1102004-30-30	83819R10-AS	83771	83771-DV	83771-DD	83771-DD-DV	88053R10
11W	830	69	115	AS1102004-30-30	83819R10-AS	83761	83761-DV	83761-DD	83761-DD-DV	88053R10
16W	1080	60	115	AS1102004-30-30	83819R10-AS	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
26W	1660	57	145	AS1102013-30-30	83819R10-AS	83763	83763-DV	83763-DD	83763-DD-DV	88089R10
34W	2490	67	155	AS1102016-30-30	83819R10-AS	83763	83763-DV	83766-DD	83766-DD-DV	88089R10
CRI 83										
R10, D 127 mm, CO 120 mm										
8W	830	92	115	AS1102113-30-30	83819R10-AS	83761	83761-DV	83754-DD	83754-DD-DV	88053R10
12W	1080	83	115	AS1102113-30-30	83819R10-AS	83762	83762-DV	83755-DD	83755-DD-DV	88053R10
20W	1660	75	115	AS1102119-30-30	83819R10-AS	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
29W	2490	78	145	AS1102125-30-30	83819R10-AS	83763	83763-DV	83776-DD	83776-DD-DV	88089R10
39W	3120	74	155	AS1102128-30-30	83819R10-AS	83752	83752-DV	83752-DD	83752-DD-DV	88089R10

Use index -30 (3000 K) or -40 (4000 K) or -27 (2700 K, only up to 16 W), photometric data in the "products" on www.wila.com



alphabet spectra

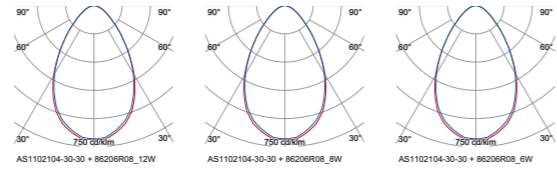


Downlight with Liteoptic, Safety Screen, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 98											
R08, D 102 mm, CO 95 mm											
7W	20	620	78	100	AS1102001-30-30	83815R08-20	83771	83771-DV	83771-DD	83771-DD-DV	88022R08
7W	40	620	78	100	AS1102001-30-30	83815R08-40	83771	83771-DV	83771-DD	83771-DD-DV	88022R08
7W	60	620	78	100	AS1102001-30-30	83815R08-60	83771	83771-DV	83771-DD	83771-DD-DV	88022R08
11W	20	880	73	100	AS1102001-30-30	83815R08-20	83761	83761-DV	83761-DD	83761-DD-DV	88022R08
11W	40	880	73	100	AS1102001-30-30	83815R08-40	83761	83761-DV	83761-DD	83761-DD-DV	88022R08
11W	60	880	73	100	AS1102001-30-30	83815R08-60	83761	83761-DV	83761-DD	83761-DD-DV	88022R08
16W	20	1140	63	100	AS1102001-30-30	83815R08-20	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
16W	40	1140	63	100	AS1102001-30-30	83815R08-40	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
16W	60	1140	63	100	AS1102001-30-30	83815R08-60	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
R10, D 127 mm, CO 120 mm											
7W	20	620	78	115	AS1102004-30-30	83815R10-20	83771	83771-DV	83771-DD	83771-DD-DV	88053R10
7W	40	620	78	115	AS1102004-30-30	83815R10-40	83771	83771-DV	83771-DD	83771-DD-DV	88053R10
7W	60	620	78	115	AS1102004-30-30	83815R10-60	83771	83771-DV	83771-DD	83771-DD-DV	88053R10
11W	20	880	73	115	AS1102004-30-30	83815R10-20	83761	83761-DV	83761-DD	83761-DD-DV	88053R10
11W	40	880	73	115	AS1102004-30-30	83815R10-40	83761	83761-DV	83761-DD	83761-DD-DV	88053R10
11W	60	880	73	115	AS1102004-30-30	83815R10-60	83761	83761-DV	83761-DD	83761-DD-DV	88053R10
16W	20	1140	63	115	AS1102004-30-30	83815R10-20	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
16W	40	1140	63	115	AS1102004-30-30	83815R10-40	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
16W	60	1140	63	115	AS1102004-30-30	83815R10-60	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
26W	20	1760	61	145	AS1102013-30-30	83815R10-20	83763	83763-DV	83763-DD	83763-DD-DV	88089R10
26W	40	1760	61	145	AS1102013-30-30	83815R10-40	83763	83763-DV	83763-DD	83763-DD-DV	88089R10
26W	60	1760	61	145	AS1102013-30-30	83815R10-60	83763	83763-DV	83763-DD	83763-DD-DV	88089R10
34W	20	2640	71	155	AS1102016-30-30	83815R10-20	83766	83766-DV	83766-DD	83766-DD-DV	88089R10
34W	40	2640	71	155	AS1102016-30-30	83815R10-40	83766	83766-DV	83766-DD	83766-DD-DV	88089R10
34W	60	2640	71	155	AS1102016-30-30	83815R10-60	83766	83766-DV	83766-DD	83766-DD-DV	88089R10
CRI 83											
R08, D 102 mm, CO 95 mm											
6W	20	620	89	100	AS1102104-30-30	83815R08-20	83771	83771-DV	83753-DD	83753-DD-DV	88022R08
6W	40	620	89	100	AS1102104-30-30	83815R08-40	83771	83771-DV	83753-DD	83753-DD-DV	88022R08
6W	60	620	89	100	AS1102104-30-30	83815R08-60	83771	83771-DV	83753-DD	83753-DD-DV	88022R08
8W	20	880	98	100	AS1102104-30-30	83815R08-20	83761	83761-DV	83754-DD	83754-DD-DV	88022R08
8W	40	880	98	100	AS1102104-30-30	83815R08-40	83761	83761-DV	83754-DD	83754-DD-DV	88022R08
8W	60	880	98	100	AS1102104-30-30	83815R08-60	83761	83761-DV	83754-DD	83754-DD-DV	88022R08
12W	20	1140	88	100	AS1102104-30-30	83815R08-20	83762	83762-DV	83755-DD	83755-DD-DV	88022R08
12W	40	1140	88	100	AS1102104-30-30	83815R08-40	83762	83762-DV	83755-DD	83755-DD-DV	88022R08
12W	60	1140	88	100	AS1102104-30-30	83815R08-60	83762	83762-DV	83755-DD	83755-DD-DV	88022R08
20W	20	1760	80	100	AS1102131-30-30	83815R08-20	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
20W	40	1760	80	100	AS1102131-30-30	83815R08-40	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
20W	60	1760	80	100	AS1102131-30-30	83815R08-60	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
R10, D 127 mm, CO 120 mm											
8W	20	880	98	115	AS1102113-30-30	83815R10-20	83761	83761-DV	83754-DD	83754-DD-DV	88053R10
8W	40	880	98	115	AS1102113-30-30	83815R10-40	83761	83761-DV	83754-DD	83754-DD-DV	88053R10
8W	60	880	98	115	AS1102113-30-30	83815R10-60	83761	83761-DV	83754-DD	83754-DD-DV	88053R10
12W	20	1140	88	115	AS1102113-30-30	83815R10-20	83762	83762-DV	83755-DD	83755-DD-DV	88053R10
12W	40	1140	88	115	AS1102113-30-30	83815R10-40	83762	83762-DV	83755-DD	83755-DD-DV	88053R10
12W	60	1140	88	115	AS1102113-30-30	83815R10-60	83762	83762-DV	83755-DD	83755-DD-DV	88053R10
20W	20	1760	80	115	AS1102119-30-30	83815R10-20	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
20W	40	1760	80	115	AS1102119-30-30	83815R10-40	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
20W	60	1760	80	115	AS1102119-30-30	83815R10-60	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
29W	20	2640	83	145	AS1102125-30-30	83815R10-20	83763	83763-DV	83776-DD	83776-DD-DV	88089R10
29W	40	2640	83	145	AS1102125-30-30	83815R10-40	83763	83763-DV	83776-DD	83776-DD-DV	88089R10
29W	60	2640	83	145	AS1102125-30-30	83815R10-60	83763	83763-DV	83776-DD	83776-DD-DV	88089R10
39W	20	3280	78	155	AS1102128-30-30	83815R10-20	83752	83752-DV	83752-DD	83752-DD-DV	88089R10
39W	40	3280	78	155	AS1102128-30-30	83815R10-40	83752	83752-DV	83752-DD	83752-DD-DV	88089R10
39W	60	3280	78	155	AS1102128-30-30	83815R10-60	83752	83752-DV	83752-DD	83752-DD-DV	88089R10

Use index -30 (3000 K) or -40 (4000 K) or -27 (2700 K, only up to 16 W), photometric data in the "products" on www.wila.com

alphabet spectra



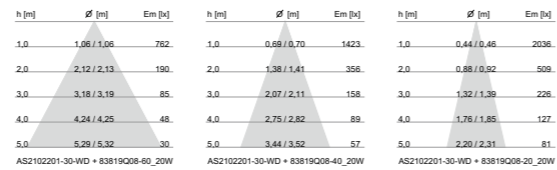
IP44
IP44 in closed ceiling systems
wila712-30

Downlight with Liteoptic, Diffusing Screen, 3000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 83												
R08, D 102 mm, CO 95 mm												
6W	510	73	---	24	100	AS1102104-30-30	86206R08	83771	83771-DV	83753-DD	83753-DD-DV	88022R08
8W	730	81	---	25	100	AS1102104-30-30	86206R08	83761	83761-DV	83754-DD	83754-DD-DV	88022R08
12W	950	73	---	26	100	AS1102104-30-30	86206R08	83762	83762-DV	83755-DD	83755-DD-DV	88022R08
20W	1460	66	---	28	100	AS1102131-30-30	86206R08	83762	83762-DV	83762-DD	83762-DD-DV	88022R08
R10, D 127 mm, CO 120 mm												
8W	730	81	---	24	115	AS1102113-30-30	86206R10	83761	83761-DV	83754-DD	83754-DD-DV	88053R10
12W	950	73	---	25	115	AS1102113-30-30	86206R10	83762	83762-DV	83755-DD	83755-DD-DV	88053R10
20W	1460	66	---	26	115	AS1102119-30-30	86206R10	83762	83762-DV	83762-DD	83762-DD-DV	88053R10
29W	2190	68	---	28	145	AS1102125-30-30	86206R10	83763	83763-DV	83776-DD	83776-DD-DV	88089R10
39W	2720	65	---	28	155	AS1102128-30-30	86206R10	83752	83752-DV	83752-DD	83752-DD-DV	88089R10

Use index -30 (3000 K) or -40 (4000 K) or -27 (2700 K, only up to 16 W), photometric data in the "products" on www.wila.com

alphabet spectra WarmDim

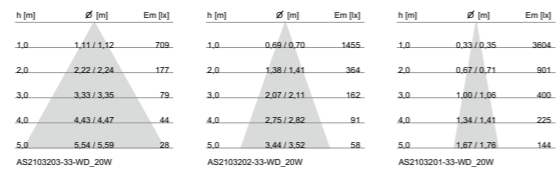


IP20
wila677-WD

Downlight, 3000 - 1800 K, Light distribution direct, WarmDim

W	α°	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver standard	Mounting Box
CRI 90								
Q08, LxW 102x102 mm, CO 95x95 mm								
20W	20	900	41	130	AS2102201-30-WD	83819Q08-20	83782	88084Q08
20W	40	900	41	130	AS2102201-30-WD	83819Q08-40	83782	88084Q08
20W	60	900	41	130	AS2102201-30-WD	83819Q08-60	83782	88084Q08
Q10, LxW 127x127 mm, CO 120x120 mm								
20W	20	900	41	155	AS2102202-30-WD	83819Q10-20	83782	88084Q10
20W	40	900	41	155	AS2102202-30-WD	83819Q10-40	83782	88084Q10
20W	60	900	41	155	AS2102202-30-WD	83819Q10-60	83782	88084Q10

DALI dimmable on request



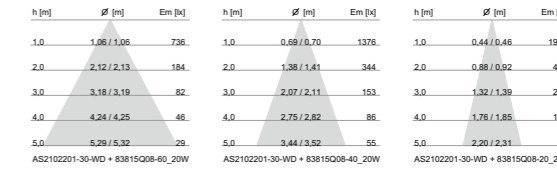
IP20
wila692-WD

Fully Recessed Adjustable Spotlight, 3000 - 1800 K, Light distribution direct, WarmDim

W	α°	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
CRI 90							
Q10, LxW 127x127 mm, CO 120x120 mm							
20W	20	920	42	150	AS2103201-33-WD	83782	88084Q10
20W	40	920	42	150	AS2103202-33-WD	83782	88084Q10
20W	60	870	40	150	AS2103203-33-WD	83782	88084Q10

DALI dimmable on request

alphabet spectra WarmDim

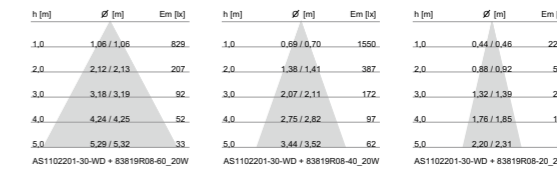


IP44
IP44 in closed ceiling systems
wila683-WD

Downlight with Liteoptic, Safety Screen, 3000 - 1800 K, Light distribution direct, WarmDim

W	α°	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver standard	Mounting Box
CRI 90								
Q08, LxW 102x102 mm, CO 95x95 mm								
20W	20	870	40	135	AS2102201-30-WD	83815Q08-20	83782	88084Q08
20W	40	870	40	135	AS2102201-30-WD	83815Q08-40	83782	88084Q08
20W	60	870	40	135	AS2102201-30-WD	83815Q08-60	83782	88084Q08
Q10, LxW 127x127 mm, CO 120x120 mm								
20W	20	870	40	160	AS2102202-30-WD	83815Q10-20	83782	88084Q10
20W	40	870	40	160	AS2102202-30-WD	83815Q10-40	83782	88084Q10
20W	60	870	40	160	AS2102202-30-WD	83815Q10-60	83782	88084Q10

DALI dimmable on request

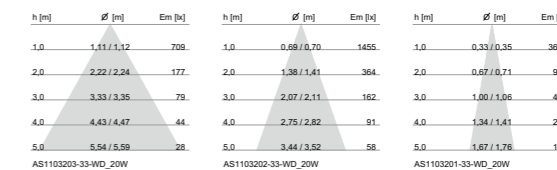


IP20
wila700-WD

Downlight, 3000 - 1800 K, Light distribution direct, WarmDim

W	α°	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver standard	Mounting Box
CRI 90								
R08, D 102 mm, CO 95 mm								
20W	20	980	45	125	AS1102201-30-WD	83819R08-20	83782	88022R08
20W	40	980	45	125	AS1102201-30-WD	83819R08-40	83782	88022R08
20W	60	980	45	125	AS1102201-30-WD	83819R08-60	83782	88022R08
R10, D 127 mm, CO 120 mm								
20W	20	980	45	145	AS1102202-30-WD	83819R10-20	83782	88053R10
20W	40	980	45	145	AS1102202-30-WD	83819R10-40	83782	88053R10
20W	60	980	45	145	AS1102202-30-WD	83819R10-60	83782	88053R10

DALI dimmable on request



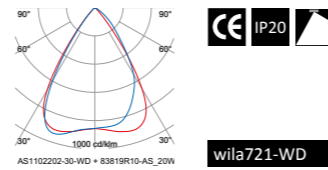
IP20
wila715-WD

Fully Recessed Adjustable Spotlight, 3000 - 1800 K, Light distribution direct, WarmDim

W	α°	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
CRI 90							
R10, D 127 mm, CO 120 mm, OH 80 mm							
20W	20	920	42	150	AS1103201-33-WD	83782	88053R10
20W	40	920	42	150	AS1103202-33-WD	83782	88053R10
20W	60	870	40	150	AS1103203-33-WD	83782	88053R10

DALI dimmable on request

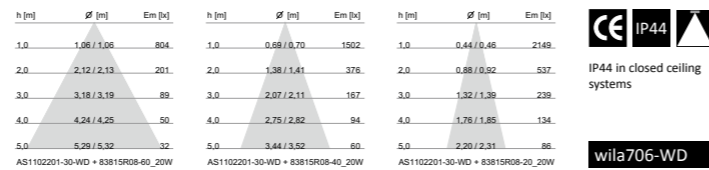
alphabet spectra WarmDim



Wallwasher-Downlight, 3000 - 1800 K, Light distribution direct, asymmetric, WarmDim

W	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver standard	Mounting Box
CRI 90							
R10, D 127 mm, CO 120 mm							
20W	890	40	145	AS1102202-30-WD	83819R10-AS	83782	88053R10

DALI dimmable on request



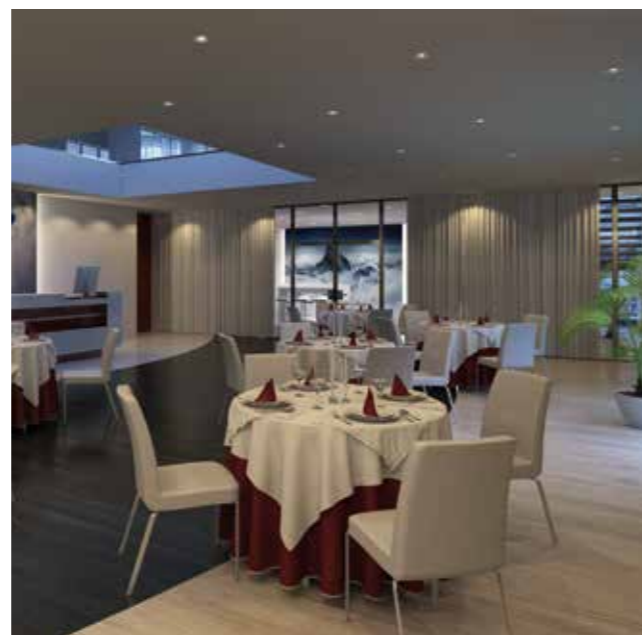
Downlight with Liteoptic, Safety Screen, 3000 - 1800 K, Light distribution direct, WarmDim

W	α°	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver standard	Mounting Box
CRI 90								
R08, D 102 mm, CO 95 mm								
20W	20	950	43	130	AS1102201-30-WD	83815R08-20	83782	88022R08
20W	40	950	43	130	AS1102201-30-WD	83815R08-40	83782	88022R08
20W	60	950	43	130	AS1102201-30-WD	83815R08-60	83782	88022R08
R10, D 127 mm, CO 120 mm								
20W	20	950	43	150	AS1102202-30-WD	83815R10-20	83782	88053R10
20W	40	950	43	150	AS1102202-30-WD	83815R10-40	83782	88053R10
20W	60	950	43	150	AS1102202-30-WD	83815R10-60	83782	88053R10

DALI dimmable on request

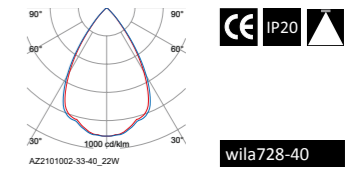


3000 K / 100 %



2000 K / 25 %

alphabet zono



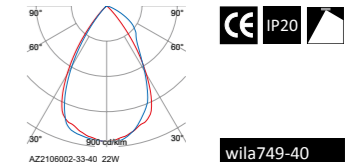
Downlight, 4000 K, Light distribution direct

W	Llm	Llm/W	γ ≥ 65° cd/m²	UGR	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80											
Q15, LxW 177x177 mm, CO 170x170 mm, OH 105 mm											
12W	1220	87	<1000	16	130	AZ2101001-33-40	83761	83780-DV	83761-DD	83780-DD-DV	88085Q15
14W	1700	106	<1000	17	130	AZ2101002-33-40	83771	83777-DV	83771-DD	83777-DD-DV	88085Q15
22W	2370	95	<1000	18	130	AZ2101002-33-40	83761	83778-DV	83761-DD	83778-DD-DV	88085Q15
30W	3190	94	<1000	19	170	AZ2101002-33-40	83762	83779-DV	83779-DD	83779-DD-DV	88088Q15

Q18, LxW 207x207 mm, CO 200x200 mm

14W	1650	103	<1000	17	130	AZ2101012-33-40	83771	83777-DV	83771-DD	83777-DD-DV	88085Q18
22W	2300	92	<1000	18	130	AZ2101012-33-40	83761	83778-DV	83761-DD	83778-DD-DV	88085Q18
30W	2960	87	<1000	19	170	AZ2101012-33-40	83762	83779-DV	83779-DD	83779-DD-DV	88088Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



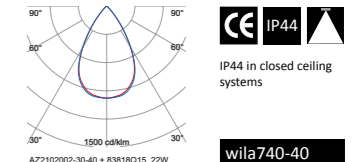
Wallwasher-Downlight, 4000 K, Light distribution direct, asymmetric

W	Llm	Llm/W	γ ≥ 65° cd/m²	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80										
Q15, LxW 177x177 mm, CO 170x170 mm, OH 105 mm										
12W	1080	77	---	130	AZ2106001-33-40	83761	83780-DV	83761-DD	83780-DD-DV	88085Q15
14W	1490	93	---	130	AZ2106002-33-40	83771	83777-DV	83771-DD	83777-DD-DV	88085Q15
22W	2090	84	---	130	AZ2106002-33-40	83761	83778-DV	83761-DD	83778-DD-DV	88085Q15
30W	2810	83	---	170	AZ2106002-33-40	83762	83779-DV	83779-DD	83779-DD-DV	88088Q15

Q18, LxW 207x207 mm, CO 200x200 mm

14W	1570	98	---	130	AZ2106012-33-40	83771	83777-DV	83771-DD	83777-DD-DV	88085Q18
22W	2190	88	---	130	AZ2106012-33-40	83761	83778-DV	83761-DD	83778-DD-DV	88085Q18
30W	2950	87	---	170	AZ2106012-33-40	83762	83779-DV	83779-DD	83779-DD-DV	88088Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight with Liteoptic, Safety Screen, 4000 K, Light distribution direct

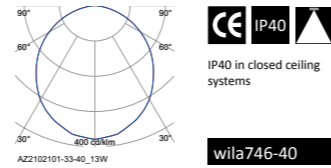
W	Llm	Llm/W	γ ≥ 65° cd/m²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 177x177 mm, CO 170x170 mm, OH 105 mm												
12W	1090	78	<1000	15	135	AZ2102001-30-40	83818Q15	83761	83780-DV	83761-DD	83780-DD-DV	88085Q15
14W	1510	94	<1000	16	135	AZ2102002-30-40	83818Q15	83771	83777-DV	83771-DD	83777-DD-DV	88085Q15
22W	2110	84	<1000	17	135	AZ2102002-30-40	83818Q15	83761	83778-DV	83761-DD	83778-DD-DV	88085Q15
30W	2840	84	<1000	18	175	AZ2102002-30-40	83818Q15	83762	83779-DV	83779-DD	83779-DD-DV	88088Q15

Q18, LxW 207x207 mm, CO 200x200 mm

14W	1580	99	<1000	17	135	AZ2102012-30-40	83818Q18	83771	83777-DV	83771-DD	83777-DD-DV	88085Q18
22W	2200	88	<1000	18	135	AZ2102012-30-40	83818Q18	83761	83778-DV	83761-DD	83778-DD-DV	88085Q18
30W	2970	87	<1000	19	175	AZ2102012-30-40	83818Q18	83762	83779-DV	83779-DD	83779-DD-DV	88088Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

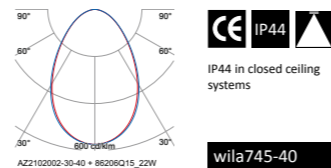
alphabet zono



Downlight with Liteoptic, Diffusing Screen, 4000 K, Light distribution direct, Reduced Recessed Depth, 49 mm

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80											
Q15, LxW 177x177 mm, CO 170x170 mm											
6W	950	83	---	25	49	AZ2102101-33-40	83781	83781-DV	83781-DD	83781-DD-DV	88078Q15
9W	1230	76	---	26	49	AZ2102101-33-40	83771	83771-DV	83771-DD	83771-DD-DV	88078Q15
13W	1700	67	---	27	49	AZ2102101-33-40	83761	83761-DV	83761-DD	83761-DD-DV	88078Q15
Q18, LxW 207x207 mm, CO 200x200 mm											
8W	1280	84	---	25	49	AZ2102111-33-40	83781	83781-DV	83781-DD	83781-DD-DV	88078Q18
11W	1670	77	---	26	49	AZ2102111-33-40	83771	83771-DV	83771-DD	83771-DD-DV	88078Q18
17W	2320	72	---	27	49	AZ2102111-33-40	83761	83761-DV	83761-DD	83761-DD-DV	88078Q18

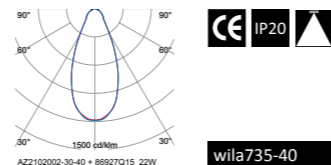
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight with Liteoptic, Diffusing Screen, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 177x177 mm, CO 170x170 mm, OH 105 mm												
12W	880	63	---	22	135	AZ2102001-30-40	86206Q15	83761	83780-DV	83761-DD	83780-DD-DV	88085Q15
14W	1220	76	---	24	135	AZ2102002-30-40	86206Q15	83771	83777-DV	83771-DD	83777-DD-DV	88085Q15
22W	1710	68	---	25	135	AZ2102002-30-40	86206Q15	83761	83778-DV	83761-DD	83778-DD-DV	88085Q15
30W	2300	68	---	26	175	AZ2102002-30-40	86206Q15	83762	83779-DV	83779-DD	83779-DD-DV	88088Q15
Q18, LxW 207x207 mm, CO 200x200 mm												
14W	1190	74	---	22	135	AZ2102012-30-40	86206Q18	83771	83777-DV	83771-DD	83777-DD-DV	88085Q18
22W	1660	66	---	23	135	AZ2102012-30-40	86206Q18	83761	83778-DV	83761-DD	83778-DD-DV	88085Q18
30W	2130	63	---	24	175	AZ2102012-30-40	86206Q18	83762	83779-DV	83779-DD	83779-DD-DV	88088Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

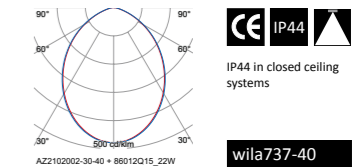


Downlight with Liteoptic, Halo Optic, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 177x177 mm, CO 170x170 mm, OH 105 mm												
12W	950	68	---	19	135	AZ2102001-30-40	86927Q15	83761	83780-DV	83761-DD	83780-DD-DV	88085Q15
14W	1320	83	---	20	135	AZ2102002-30-40	86927Q15	83771	83777-DV	83771-DD	83777-DD-DV	88085Q15
22W	1840	74	---	21	135	AZ2102002-30-40	86927Q15	83761	83778-DV	83761-DD	83778-DD-DV	88085Q15
30W	2500	74	---	22	175	AZ2102002-30-40	86927Q15	83762	83779-DV	83779-DD	83779-DD-DV	88088Q15
Q18, LxW 207x207 mm, CO 200x200 mm												
14W	1410	88	<3000	16	135	AZ2102012-30-40	86927Q18	83771	83777-DV	83771-DD	83777-DD-DV	88085Q18
22W	1970	79	---	17	135	AZ2102012-30-40	86927Q18	83761	83778-DV	83761-DD	83778-DD-DV	88085Q18
30W	2650	78	---	18	175	AZ2102012-30-40	86927Q18	83762	83779-DV	83779-DD	83779-DD-DV	88088Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

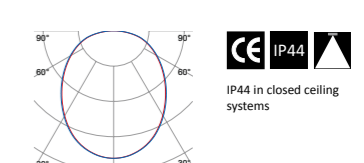
alphabet zono



Downlight with Liteoptic, Recessed Disc, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 177x177 mm, CO 170x170 mm, OH 105 mm												
12W	700	50	---	22	135	AZ2102001-30-40	86012Q15	83761	83780-DV	83761-DD	83780-DD-DV	88085Q15
14W	970	61	---	23	135	AZ2102002-30-40	86012Q15	83771	83777-DV	83771-DD	83777-DD-DV	88085Q15
22W	1350	54	---	24	135	AZ2102002-30-40	86012Q15	83761	83778-DV	83761-DD	83778-DD-DV	88085Q15
30W	1810	53	---	25	175	AZ2102002-30-40	86012Q15	83762	83779-DV	83779-DD	83779-DD-DV	88088Q15
Q18, LxW 207x207 mm, CO 200x200 mm												
14W	1200	75	---	23	135	AZ2102012-30-40	86012Q18	83771	83777-DV	83771-DD	83777-DD-DV	88085Q18
22W	1680	67	---	24	135	AZ2102012-30-40	86012Q18	83761	83778-DV	83761-DD	83778-DD-DV	88085Q18
30W	2280	67	---	25	175	AZ2102012-30-40	86012Q18	83762	83779-DV	83779-DD	83779-DD-DV	88088Q18

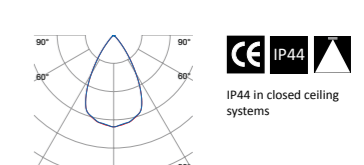
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight with Liteoptic, Soft Carré, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 177x177 mm, CO 170x170 mm, OH 105 mm												
12W	750	54	---	25	135	AZ2102005-30-40	86009Q15	83761	83780-DV	83761-DD	83780-DD-DV	88085Q15
14W	1040	65	---	26	135	AZ2102006-30-40	86009Q15	83771	83777-DV	83771-DD	83777-DD-DV	88085Q15
22W	1450	58	---	27	135	AZ2102006-30-40	86009Q15	83761	83778-DV	83761-DD	83778-DD-DV	88085Q15
30W	1950	57	---	28	175	AZ2102006-30-40	86009Q15	83762	83779-DV	83779-DD	83779-DD-DV	88088Q15
Q18, LxW 207x207 mm, CO 200x200 mm												
14W	1160	73	---	25	135	AZ2102016-30-40	86009Q18	83771	83777-DV	83771-DD	83777-DD-DV	88085Q18
22W	1620	65	---	26	135	AZ2102016-30-40	86009Q18	83761	83778-DV	83761-DD	83778-DD-DV	88085Q18
30W	2180	64	---	27	175	AZ2102016-30-40	86009Q18	83762	83779-DV	83779-DD	83779-DD-DV	88088Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

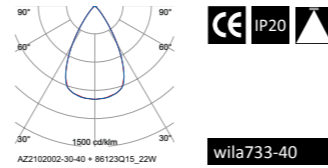
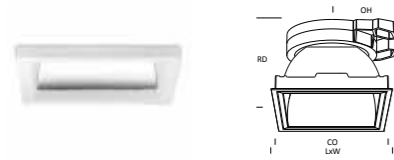


Downlight with Liteoptic, Clear Carré, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 177x177 mm, CO 170x170 mm, OH 105 mm												
12W	1100	79	<1500	13	135	AZ2102005-30-40	86011Q15	83761	83780-DV	83761-DD	83780-DD-DV	88085Q15
14W	1530	96	<3000	15	135	AZ2102006-30-40	86011Q15	83771	83777-DV	83771-DD	83777-DD-DV	88085Q15
22W	2140	86	<3000	16	135	AZ2102006-30-40	86011Q15	83761	83778-DV	83761-DD	83778-DD-DV	88085Q15
30W	2880	85	---	17	175	AZ2102006-30-40	86011Q15	83762	83779-DV	83779-DD	83779-DD-DV	88088Q15
Q18, LxW 207x207 mm, CO 200x200 mm												
14W	1490	93	<1500	15	135	AZ2102016-30-40	86011Q18	83771	83777-DV	83771-DD	83777-DD-DV	88085Q18
22W	2080	83	<3000	16	135	AZ2102016-30-40	86011Q18	83761	83778-DV	83761-DD	83778-DD-DV	88085Q18
30W	2800	82	<3000	17	175	AZ2102016-30-40	86011Q18	83762	83779-DV	83779-DD	83779-DD-DV	88088Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

alphabet zono



Downlight with Liteoptic, Corona Carré, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
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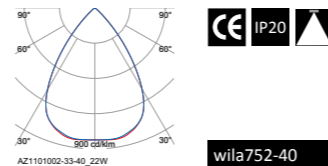
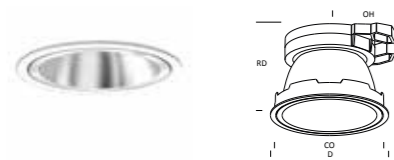
CRI 80
Q15, LxW 177x177 mm, CO 170x170 mm, OH 105 mm

12W	1050	75	<1000	12	135	AZ2102001-30-40	86123Q15	83761	83780-DV	83761-DD	83780-DD-DV	88085Q15
14W	1460	91	<1000	13	135	AZ2102002-30-40	86123Q15	83771	83777-DV	83771-DD	83777-DD-DV	88085Q15
22W	2030	81	<1500	15	135	AZ2102002-30-40	86123Q15	83761	83778-DV	83761-DD	83778-DD-DV	88085Q15
30W	2740	81	<3000	16	175	AZ2102002-30-40	86123Q15	83762	83779-DV	83779-DD	83779-DD-DV	88088Q15

Q18, LxW 207x207 mm, CO 200x200 mm

14W	1400	88	<1000	14	135	AZ2102012-30-40	86123Q18	83771	83777-DV	83771-DD	83777-DD-DV	88085Q18
22W	1940	78	<1500	15	135	AZ2102012-30-40	86123Q18	83761	83778-DV	83761-DD	83778-DD-DV	88085Q18
30W	2630	77	<3000	16	175	AZ2102012-30-40	86123Q18	83762	83779-DV	83779-DD	83779-DD-DV	88088Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
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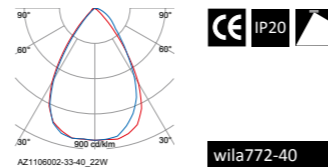
CRI 80
R15, D 172 mm, CO 165 mm, OH 105 mm

12W	1260	90	<1000	17	130	AZ1101001-33-40	83761	83780-DV	83761-DD	83780-DD-DV	88080R15
14W	1740	109	<1000	18	130	AZ1101002-33-40	83771	83777-DV	83771-DD	83777-DD-DV	88080R15
22W	2430	97	<1000	19	130	AZ1101002-33-40	83761	83778-DV	83761-DD	83778-DD-DV	88080R15
30W	3280	96	<1000	20	170	AZ1101002-33-40	83762	83779-DV	83779-DD	83779-DD-DV	88089R15

R18, D 202 mm, CO 195 mm

14W	1790	112	<1000	16	130	AZ1101012-33-40	83771	83777-DV	83771-DD	83777-DD-DV	88080R18
22W	2500	100	<1000	17	130	AZ1101012-33-40	83761	83778-DV	83761-DD	83778-DD-DV	88080R18
30W	3370	99	<1000	18	170	AZ1101012-33-40	83762	83779-DV	83779-DD	83779-DD-DV	88089R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Wallwasher-Downlight, 4000 K, Light distribution direct, asymmetric

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
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CRI 80
R15, D 172 mm, CO 165 mm, OH 105 mm

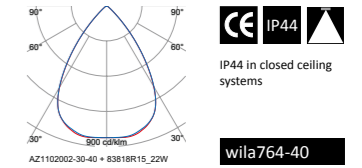
12W	1140	81	---	130	AZ1106001-33-40	83761	83780-DV	83761-DD	83780-DD-DV	88080R15
14W	1580	93	---	130	AZ1106002-33-40	83771	83777-DV	83771-DD	83777-DD-DV	88080R15
22W	2200	88	---	130	AZ1106002-33-40	83761	83778-DV	83761-DD	83778-DD-DV	88080R15
30W	2970	83	---	170	AZ1106002-33-40	83762	83779-DV	83779-DD	83779-DD-DV	88089R15

R18, D 202 mm, CO 195 mm

14W	1650	97	---	130	AZ1106012-33-40	83771	83777-DV	83771-DD	83777-DD-DV	88080R18
22W	2300	92	---	130	AZ1106012-33-40	83761	83778-DV	83761-DD	83778-DD-DV	88080R18
30W	3100	86	---	170	AZ1106012-33-40	83762	83779-DV	83779-DD	83779-DD-DV	88089R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

alphabet zono



Downlight with Liteoptic, Safety Screen, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
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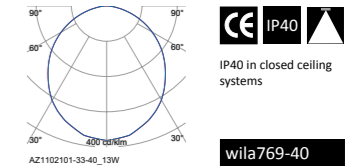
CRI 80
R15, D 172 mm, CO 165 mm, OH 105 mm

12W	1170	84	<1000	17	135	AZ1102001-30-40	83818R15	83761	83780-DV	83761-DD	83780-DD-DV	88080R15
14W	1620	101	<1000	18	135	AZ1102002-30-40	83818R15	83771	83777-DV	83771-DD	83777-DD-DV	88080R15
22W	2260	90	<1000	19	135	AZ1102002-30-40	83818R15	83761	83778-DV	83761-DD	83778-DD-DV	88080R15
30W	3050	90	<1000	20	175	AZ1102002-30-40	83818R15	83762	83779-DV	83779-DD	83779-DD-DV	88089R15

R18, D 202 mm, CO 195 mm

14W	1670	104	<1000	16	135	AZ1102012-30-40	83818R18	83771	83777-DV	83771-DD	83777-DD-DV	88080R18
30W	3130	92	<1000	18	175	AZ1102012-30-40	83818R18	83762	83779-DV	83779-DD	83779-DD-DV	88089R18
22W	2320	93	<1000	17	135	AZ1102012-30-40	83818R18	83761	83778-DV	83761-DD	83778-DD-DV	88080R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight with Liteoptic, Diffusing Screen, 4000 K, Light distribution direct, Reduced Recessed Depth, 49 mm

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
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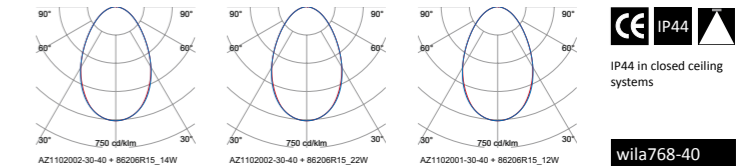
CRI 80
R15, D 172 mm, CO 165 mm

6W	930	133	---	26	49	AZ1102101-33-40	83781	83781-DV	83781-DD	83781-DD-DV	88078R15
9W	1200	120	---	27	49	AZ1102101-33-40	83771	83771-DV	83771-DD	83771-DD-DV	88078R15
13W	1670	111	---	28	49	AZ1102101-33-40	83761	83761-DV	83761-DD	83761-DD-DV	88078R15

R18, D 202 mm, CO 195 mm

8W	1260	140	---	25	49	AZ1102111-33-40	83781	83781-DV	83781-DD	83781-DD-DV	88078R18
11W	1640	137	---	26	49	AZ1102111-33-40	83771	83771-DV	83771-DD	83771-DD-DV	88078R18
17W	2280	120	---	27	49	AZ1102111-33-40	83761	83761-DV	83761-DD	83761-DD-DV	88078R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight with Liteoptic, Diffusing Screen, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI-DV	DALI	Mounting Box
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CRI 80
R15, D 172 mm, CO 165 mm, OH 105 mm

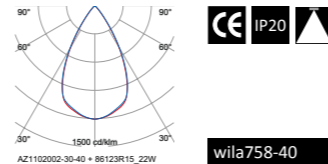
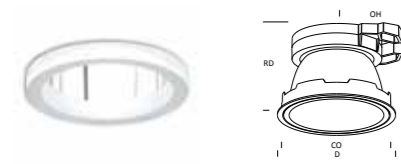
12W	910	65	---	24	135	AZ1102001-30-40	86206R15	83761	83780-DV	83780-DD-DV	83780-DD	88080R15
14W	1250	78	---	25	135	AZ1102002-30-40	86206R15	83771	83777-DV	83777-DD-DV	83771-DD	88080R15
22W	1750	70	---	26	135	AZ1102002-30-40	86206R15	83761	83778-DV	83778-DD-DV	83778-DD	88080R15
30W	2360	69	---	27	175	AZ1102002-30-40	86206R15	83762	83779-DV	83779-DD-DV	83779-DD	88089R15

R18, D 202 mm, CO 195 mm

14W	1290	81	---	24	135	AZ1102012-30-40	86206R18	83771	83777-DV	83777-DD-DV	83771-DD	88080R18
22W	1800	72	---	25	135	AZ1102012-30-40	86206R18	83761	83778-DV	83778-DD-DV	83778-DD	88080R18
30W	2430	71	---	26	175	AZ1102012-30-40	86206R18	83762	83779-DV	83779-DD-DV	83779-DD	88089R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

alphabet zono



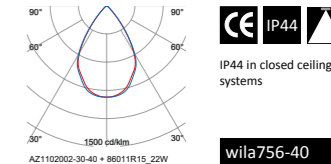
wila758-40

Downlight with Liteoptic, Corona Ring, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 172 mm, CO 165 mm, OH 105 mm												
12W	1000	71	<1000	11	135	AZ1102001-30-40	86123R15	83761	83780-DV	83761-DD	83780-DD-DV	88080R15
14W	1390	87	<1000	13	135	AZ1102002-30-40	86123R15	83771	83777-DV	83771-DD	83777-DD-DV	88080R15
22W	1940	78	<1500	14	135	AZ1102002-30-40	86123R15	83761	83778-DV	83761-DD	83778-DD-DV	88080R15
30W	2620	77	<1500	15	175	AZ1102002-30-40	86123R15	83762	83779-DV	83779-DD	83779-DD-DV	88089R15
R18, D 202 mm, CO 195 mm												
14W	1470	92	<1000	14	135	AZ1102012-30-40	86123R18	83771	83777-DV	83771-DD	83777-DD-DV	88080R18
22W	2050	82	<1500	15	135	AZ1102012-30-40	86123R18	83761	83778-DV	83761-DD	83778-DD-DV	88080R18
30W	2770	81	<3000	16	175	AZ1102012-30-40	86123R18	83762	83779-DV	83779-DD	83779-DD-DV	88089R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

alphabet zono

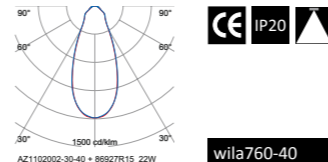
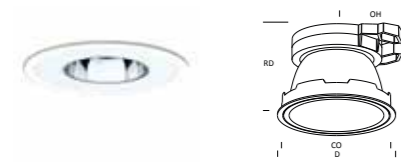


wila756-40

Downlight with Liteoptic, Clear Disc, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 172 mm, CO 165 mm, OH 105 mm												
12W	1070	76	<1000	14	135	AZ1102001-30-40	86011R15	83761	83780-DV	83761-DD	83780-DD-DV	88080R15
14W	1480	93	<1000	15	135	AZ1102002-30-40	86011R15	83771	83777-DV	83771-DD	83777-DD-DV	88080R15
22W	2060	82	<1000	16	135	AZ1102002-30-40	86011R15	83761	83778-DV	83761-DD	83778-DD-DV	88080R15
30W	2780	82	<1000	17	175	AZ1102002-30-40	86011R15	83762	83779-DV	83779-DD	83779-DD-DV	88089R15
R18, D 202 mm, CO 195 mm												
14W	1480	93	<1000	15	135	AZ1102012-30-40	86011R18	83771	83777-DV	83771-DD	83777-DD-DV	88080R18
22W	2060	82	<1000	16	135	AZ1102012-30-40	86011R18	83761	83778-DV	83761-DD	83778-DD-DV	88080R18
30W	2780	82	<1000	17	175	AZ1102012-30-40	86011R18	83762	83779-DV	83779-DD	83779-DD-DV	88089R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

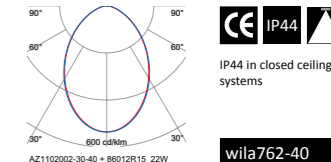


wila760-40

Downlight with Liteoptic, Halo Optic, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 172 mm, CO 165 mm, OH 105 mm												
12W	750	54	---	20	135	AZ1102001-30-40	86927R15	83761	83780-DV	83761-DD	83780-DD-DV	88080R15
14W	1040	65	---	21	135	AZ1102002-30-40	86927R15	83771	83777-DV	83771-DD	83777-DD-DV	88080R15
22W	1450	58	---	22	135	AZ1102002-30-40	86927R15	83761	83778-DV	83761-DD	83778-DD-DV	88080R15
30W	1970	58	---	23	175	AZ1102002-30-40	86927R15	83762	83779-DV	83779-DD	83779-DD-DV	88089R15
R18, D 202 mm, CO 195 mm												
14W	1250	78	---	18	135	AZ1102012-30-40	86927R18	83771	83777-DV	83771-DD	83777-DD-DV	88080R18
22W	1740	70	---	19	135	AZ1102012-30-40	86927R18	83761	83778-DV	83761-DD	83778-DD-DV	88080R18
30W	2330	69	---	20	175	AZ1102012-30-40	86927R18	83762	83779-DV	83779-DD	83779-DD-DV	88089R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

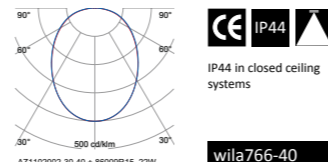
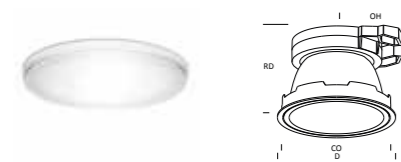


wila762-40

Downlight with Liteoptic, Recessed Disc, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 172 mm, CO 165 mm, OH 105 mm												
12W	850	61	---	24	135	AZ1102001-30-40	86012R15	83761	83780-DV	83761-DD	83780-DD-DV	88080R15
14W	1180	74	---	25	135	AZ1102002-30-40	86012R15	83771	83777-DV	83771-DD	83777-DD-DV	88080R15
22W	1640	66	---	26	135	AZ1102002-30-40	86012R15	83761	83778-DV	83761-DD	83778-DD-DV	88080R15
30W	2220	65	---	27	175	AZ1102002-30-40	86012R15	83762	83779-DV	83779-DD	83779-DD-DV	88089R15
R18, D 202 mm, CO 195 mm												
14W	1320	83	---	25	135	AZ1102012-30-40	86012R18	83771	83777-DV	83771-DD	83777-DD-DV	88080R18
22W	1840	74	---	26	135	AZ1102012-30-40	86012R18	83761	83778-DV	83761-DD	83778-DD-DV	88080R18
30W	2480	73	---	27	175	AZ1102012-30-40	86012R18	83762	83779-DV	83779-DD	83779-DD-DV	88089R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

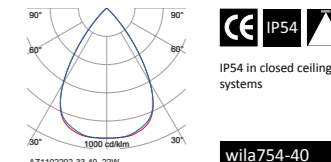


wila766-40

Downlight with Liteoptic, Soft Disc, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 172 mm, CO 165 mm, OH 105 mm												
12W	750	54	---	25	135	AZ1102001-30-40	86009R15	83761	83780-DV	83761-DD	83780-DD-DV	88080R15
14W	1040	65	---	26	135	AZ1102002-30-40	86009R15	83771	83777-DV	83771-DD	83777-DD-DV	88080R15
22W	1450	58	---	27	135	AZ1102002-30-40	86009R15	83761	83778-DV	83761-DD	83778-DD-DV	88080R15
30W	1960	58	---	28	175	AZ1102002-30-40	86009R15	83762	83779-DV	83779-DD	83779-DD-DV	88089R15
R18, D 202 mm, CO 195 mm												
14W	1080	68	---	25	135	AZ1102012-30-40	86009R18	83771	83777-DV	83771-DD	83777-DD-DV	88080R18
22W	1500	60	---	26	135	AZ1102012-30-40	86009R18	83761	83778-DV	83761-DD	83778-DD-DV	88080R18
30W	2020	59	---	27	175	AZ1102012-30-40	86009R18	83762	83779-DV	83779-DD	83779-DD-DV	88089R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



wila754-40

Downlight with Liteoptic, 4000 K, Light distribution direct, Insect Proof

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80											
R15, D 172 mm, CO 165 mm, OH 105 mm											
12W	1070	76	<1000	16	135	AZ1102201-33-40	83761	83780-DV	83761-DD	83780-DD-DV	88080R15
14W	1480	93	<1000	17	135	AZ1102202-33-40	83771	83777-DV	83771-DD	83777-DD-DV	88080R15
22W	2070	83	<1000	18	135	AZ1102202-33-40	83761	83778-DV	83761-DD	83778-DD-DV	88080R15
30W	2790	82	<1000	19	175	AZ1102202-33-40	83762	83779-DV	83779-DD	83779-DD-DV	88089R15
R18, D 202 mm, CO 195 mm											
14W	1520	95	<1000	16	135	AZ1102212-33-40	83771	83777-DV	83771-DD	83777-DD-DV	88080R18
22W	2120	85	<1000	18	135	AZ1102212-33-40	83761	83778-DV	83761-DD	83778-DD-DV	88080R18
30W	2860	84	<1000	19	175	AZ1102212-33-40	83762	83779-DV	83779-DD	83779-DD-DV	88089R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

Tentec accent



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	1.90 / 1.30	731	1.0	0.81 / 0.65	1292	1.0	0.39 / 0.40	3424
2.0	2.60 / 2.60	183	2.0	1.62 / 1.70	323	2.0	0.78 / 0.80	856
3.0	3.90 / 3.90	81	3.0	2.44 / 2.55	144	3.0	1.17 / 1.20	380
4.0	5.20 / 5.20	46	4.0	3.25 / 3.40	81	4.0	1.56 / 1.60	214
5.0	6.40 / 6.40	29	5.0	4.06 / 4.24	52	5.0	1.94 / 2.00	137

TL2101503-33-30_11W TL2101502-33-30_11W TL2101501-33-30_11W



wila534-30

Downlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Driver				Mounting Box
						standard	standard-DV	DALI	DALI-DV	
CRI 80										
Q08, LxW 102x102 mm, CO 95x95 mm										
5W	20	630	105	90	TL2101501-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88084Q08
5W	40	630	105	90	TL2101502-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88084Q08
5W	60	630	105	90	TL2101503-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88084Q08
11W	20	1190	92	90	TL2101501-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
11W	40	1170	90	90	TL2101502-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
11W	60	1190	92	90	TL2101503-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
16W	20	1560	87	90	TL2101501-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
16W	40	1580	61	90	TL2101502-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
16W	60	1600	89	90	TL2101503-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
23W	20	2100	81	90	TL2101501-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
23W	40	2070	80	90	TL2101502-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
23W	60	2100	81	90	TL2101503-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
Q10, LxW 127x127 mm, CO 120x120 mm										
5W	20	650	108	120	TL2101504-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88084Q10
5W	40	640	107	120	TL2101505-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88084Q10
5W	60	630	105	120	TL2101506-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88084Q10
11W	20	1220	94	120	TL2101504-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
11W	40	1200	92	120	TL2101505-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
11W	60	1170	90	120	TL2101506-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
16W	20	1630	58	120	TL2101504-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
16W	40	1600	89	120	TL2101505-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
16W	60	1560	87	120	TL2101506-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
23W	20	2160	83	120	TL2101504-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
23W	40	2110	81	120	TL2101505-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
23W	60	2070	80	120	TL2101506-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	1.90 / 1.25	695	1.0	0.81 / 0.66	1289	1.0	0.39 / 0.41	3624
2.0	2.40 / 2.51	174	2.0	1.62 / 1.71	322	2.0	0.78 / 0.81	908
3.0	3.81 / 3.76	77	3.0	2.42 / 2.57	143	3.0	1.17 / 1.22	403
4.0	4.81 / 5.02	43	4.0	3.23 / 3.43	81	4.0	1.56 / 1.63	226
5.0	6.01 / 6.27	28	5.0	4.04 / 4.29	52	5.0	1.94 / 2.03	145

TL2103506-33-30_11W TL2103505-33-30_11W TL2103504-33-40_11W



wila541-30

Fully Recessed Adjustable Spotlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Driver				Mounting Box
						standard	standard-DV	DALI	DALI-DV	
CRI 80										
Q10, LxW 127x127 mm, CO 120x120 mm										
5W	20	630	105	140	TL2103504-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88084Q10
5W	40	560	93	140	TL2103505-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88084Q10
5W	60	560	93	140	TL2103506-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88084Q10
11W	20	1180	91	140	TL2103504-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
11W	40	1060	82	140	TL2103505-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
11W	60	1050	81	140	TL2103506-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
16W	20	1570	87	140	TL2103504-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
16W	40	1420	79	140	TL2103505-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
16W	60	1400	78	140	TL2103506-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
23W	20	2090	80	140	TL2103504-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
23W	40	1870	72	140	TL2103505-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
23W	60	1850	71	140	TL2103506-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com

Tentec accent



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	1.90 / 1.30	387	1.0	0.81 / 0.65	641	1.0	0.39 / 0.40	1669
2.0	2.60 / 2.60	89	2.0	1.62 / 1.70	160	2.0	0.78 / 0.80	417
3.0	3.90 / 3.90	40	3.0	2.44 / 2.55	71	3.0	1.17 / 1.20	185
4.0	5.20 / 5.20	22	4.0	3.25 / 3.40	40	4.0	1.56 / 1.60	104
5.0	6.40 / 6.40	14	5.0	4.06 / 4.24	26	5.0	1.94 / 2.00	67

TL2102501-30-30 + 83817Q08-60_5W TL2102501-30-30 + 83817Q08-40_5W TL2102501-30-30 + 83817Q08-20_5W



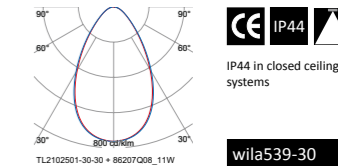
IP44 in closed ceiling systems

wila537-30

Downlight with Liteoptic, Safety Screen, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver				Mounting Box
							standard	standard-DV	DALI	DALI-DV	
CRI 80											
Q08, LxW 102x102 mm, CO 95x95 mm											
5W	20	580	97	95	TL2102501-30-30	83817Q08-20	83770	83770-DV	83770-DD	83770-DD-DV	88084Q08
5W	40	580	97	95	TL2102501-30-30	83817Q08-40	83770	83770-DV	83770-DD	83770-DD-DV	88084Q08
5W	60	580	97	95	TL2102501-30-30	83817Q08-60	83770	83770-DV	83770-DD	83770-DD-DV	88084Q08
11W	20	1100	85	95	TL2102501-30-30	83817Q08-20	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
11W	40	1090	84	95	TL2102501-30-30	83817Q08-40	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
11W	60	1100	85	95	TL2102501-30-30	83817Q08-60	83771	83771-DV	83771-DD	83771-DD-DV	88084Q08
16W	20	1470	82	95	TL2102501-30-30	83817Q08-20	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
16W	40	1450	81	95	TL2102501-30-30	83817Q08-40	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
16W	60	1470	82	95	TL2102501-30-30	83817Q08-60	83761	83761-DV	83761-DD	83761-DD-DV	88084Q08
23W	20	1950	75	95	TL2102501-30-30	83817Q08-20	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
23W	40	1930	74	95	TL2102501-30-30	83817Q08-40	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
23W	60	1950	75	95	TL2102501-30-30	83817Q08-60	83762	83762-DV	83762-DD	83762-DD-DV	88084Q08
Q10, LxW 127x127 mm, CO 120x120 mm											
5W	20	610	102	125	TL2102504-30-30	83817Q10-20	83770	83770-DV	83770-DD	83770-DD-DV	88084Q10
5W	40	580	97	125	TL2102504-30-30	83817Q10-40	83770	83770-DV	83770-DD	83770-DD-DV	88084Q10
5W	60	580	97	125	TL2102504-30-30	83817Q10-60	83770	83770-DV	83770-DD	83770-DD-DV	88084Q10
11W	20	1130	87	125	TL2102504-30-30	83817Q10-20	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
11W	40	1100	85	125	TL2102504-30-30	83817Q10-40	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
11W	60	1090	84	125	TL2102504-30-30	83817Q10-60	83771	83771-DV	83771-DD	83771-DD-DV	88084Q10
16W	20	1520	84	125	TL2102504-30-30	83817Q10-20	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
16W	40	1470	82	125	TL2102504-30-30	83817Q10-40	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
16W	60	1450	81	125	TL2102504-30-30	83817Q10-60	83761	83761-DV	83761-DD	83761-DD-DV	88084Q10
23W	20	2000	77	125	TL2102504-30-30	83817Q10-20	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
23W	40	1950	67	125	TL2102504-30-30	83817Q10-40	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10
23W	60	1930	74	125	TL2102504-30-30	83817Q10-60	83762	83762-DV	83762-DD	83762-DD-DV	88084Q10

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com



IP44 in closed ceiling systems

wila539-30

Downlight with Liteoptic, Diffusing Screen, 3000 K, Light distribution direct

W	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver				Mounting Box
						standard	standard-DV	DALI	DALI-DV	
CRI 80										
Q08, LxW 102x102 mm, CO 9										

Tentec accent



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	1.19 / 1.25	738	1.0	0.73 / 0.73	1075	1.0	0.39 / 0.40	3538
2.0	2.31 / 2.51	185	2.0	1.46 / 1.46	269	2.0	0.78 / 0.81	885
3.0	3.46 / 3.76	82	3.0	2.18 / 2.18	119	3.0	1.17 / 1.21	393
4.0	4.62 / 5.02	46	4.0	2.91 / 2.91	67	4.0	1.56 / 1.61	221
5.0	5.77 / 6.27	30	5.0	3.64 / 3.64	43	5.0	1.94 / 2.02	142

TL1101503-33-30_11W TL1101502-33-30_11W TL1101501-33-30_11W



wila543-30

Downlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Driver	standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80											
R08, D 102 mm, CO 95 mm											
5W	20	610	102	90	TL1101501-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88022R08	
5W	40	610	102	90	TL1101502-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88022R08	
5W	60	610	102	90	TL1101503-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88022R08	
11W	20	1140	88	90	TL1101501-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88022R08	
11W	40	1140	88	90	TL1101502-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88022R08	
11W	60	1140	88	90	TL1101503-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88022R08	
16W	20	1530	85	90	TL1101501-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88022R08	
16W	40	1530	85	90	TL1101502-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88022R08	
16W	60	1530	85	90	TL1101503-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88022R08	
23W	20	2020	78	90	TL1101501-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88022R08	
23W	40	2020	78	90	TL1101502-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88022R08	
23W	60	2020	78	90	TL1101503-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88022R08	
R10, D 127 mm, CO 120 mm											
5W	20	650	108	120	TL1101504-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88053R10	
5W	40	650	108	120	TL1101505-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88053R10	
5W	60	650	108	120	TL1101506-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88053R10	
11W	20	1220	94	120	TL1101504-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88053R10	
11W	40	1220	94	120	TL1101505-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88053R10	
11W	60	1220	94	120	TL1101506-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88053R10	
16W	20	1630	91	120	TL1101504-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88053R10	
16W	40	1630	91	120	TL1101505-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88053R10	
16W	60	1630	91	120	TL1101506-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88053R10	
23W	20	2160	83	120	TL1101504-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88053R10	
23W	40	2160	83	120	TL1101505-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88053R10	
23W	60	2160	83	120	TL1101506-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88053R10	

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	1.20 / 1.25	728	1.0	0.81 / 0.81	1241	1.0	0.39 / 0.41	3150
2.0	2.40 / 2.51	182	2.0	1.62 / 1.62	310	2.0	0.78 / 0.81	788
3.0	3.61 / 3.76	81	3.0	2.42 / 2.44	138	3.0	1.17 / 1.22	390
4.0	4.81 / 5.02	45	4.0	3.23 / 3.25	78	4.0	1.56 / 1.63	197
5.0	6.01 / 6.27	29	5.0	4.04 / 4.08	50	5.0	1.94 / 2.03	126

TL1103506-33-30_11W TL1103505-33-30_11W TL1103504-33-30_11W



wila550-30

Fully Recessed Adjustable Spotlight, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Driver	standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80											
R10, D 127 mm, CO 120 mm											
5W	20	610	102	140	TL1103504-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88083R10	
5W	40	550	92	140	TL1103505-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88083R10	
5W	60	540	90	140	TL1103506-33-30	83770	83770-DV	83770-DD	83770-DD-DV	88083R10	
11W	20	1140	88	140	TL1103504-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88083R10	
11W	40	1030	79	140	TL1103505-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88083R10	
11W	60	1010	78	140	TL1103506-33-30	83771	83771-DV	83771-DD	83771-DD-DV	88083R10	
16W	20	1530	85	140	TL1103504-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88083R10	
16W	40	1390	77	140	TL1103505-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88083R10	
16W	60	1350	75	140	TL1103506-33-30	83761	83761-DV	83761-DD	83761-DD-DV	88083R10	
23W	20	2020	78	140	TL1103504-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88083R10	
23W	40	1840	71	140	TL1103505-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88083R10	
23W	60	1790	69	140	TL1103506-33-30	83762	83762-DV	83762-DD	83762-DD-DV	88083R10	

Use index -30 (3000 K) or -40 (4000 K), photometric data in the "products" on www.wila.com

Tentec accent



h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]	h [m]	Ø [m]	Em [lx]
1.0	1.19 / 1.25	383	1.0	0.73 / 0.73	528	1.0	0.39 / 0.40	1738
2.0	2.31 / 2.51	91	2.0	1.46 / 1.46	132	2.0	0.78 / 0.81	435
3.0	3.46 / 3.76	40	3.0	2.18 / 2.18	59	3.0	1.17 / 1.21	193
4.0	4.62 / 5.02	23	4.0	2.91 / 2.91	33	4.0	1.56 / 1.61	109
5.0	5.77 / 6.27	15	5.0	3.64 / 3.64	21	5.0	1.94 / 2.02	70

TL1102501-30-30 + 83817R08-60_SW TL1102501-30-30 + 83817R08-40_SW TL1102501-30-30 + 83817R08-20_SW



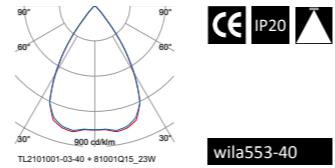
IP44 in closed ceiling systems

wila545-30

Downlight with Liteoptic, Safety Screen, 3000 K, Light distribution direct

W	α°	Llm	Llm/W	RD mm	Luminaire	Liteoptic	Driver	standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R08, D 102 mm, CO 95 mm												
5W	20	560	93	95	TL1102501-30-30	83817R08-20	83770	83770-DV	83770-DD	83770-DD-DV	88022R08	
5W	40	560	93	95	TL1102501-30-30	83817R08-40	83770	83770-DV	83770-DD	83770-DD-DV	88022R08	
5W	60	560	93	95	TL1102501-30-30	83817R08-60	83770	83770-DV	83770-DD	83770-DD-DV	88022R08	
11W	20	1070	82	95	TL1102501-30-30	83817R08-20	83771	83771-DV	83771-DD	83771-DD-DV	88022R08	
11W	40	1070	82	95	TL1102501-30-30	83817R08-40	83771	83771-DV	83771-DD	83771-DD-DV	88022R08	
11W	60	1070	82	95	TL1102501-30-30	83817R08-60	83771	83771-DV	83771-DD	83771-DD-DV	88022R08	
16W	20	1430	79	95	TL1102501-30-30	83817R08-20	83761	83761-DV	83761-DD	83761-DD-DV	88022R08	
16W	40	1430	79	95	TL1102501-30-30	83817R08-40	83761	83761-DV	83761-DD	83761-DD-DV	88022R08	
16W	60	1430	79	95	TL1102501-30-30	83817R08-60	83761	83761-DV	83761-DD	83761-DD-DV	88022R08	
23W	20	1880	72	95	TL1102501-30-30	83817R08-20	83762	83762-DV	83762-DD	83762-DD-DV	88022R08	
23W	40	1880	72	95	TL1102501-30-30	83817R08-40	83762	83762-DV	83762-DD	83762-DD-DV	88022R08	
23W	60	1880	72	95	TL1102501-30-30	83817R08-60	83762	83762-DV	83762-DD	83762-DD-DV	88022R08	
R10, D 127 mm, CO 120 mm												
5W	20	610	102	125	TL1102504-30-30	83817R10-20	83770	83770-DV	83770-DD	83770-DD-DV	88053R10	
5W	40	610	102	125	TL1102504-30-30	83817R10-40	83770	83770-DV	83770-DD	83770-DD-DV	88053R10	
5W	60	610	102	125	TL1102504-30-30	83817R10-60	83770	83770-DV	83770-DD	83770-DD-DV	88053R10	
11W	20	1130	87	125	TL1102504-30-30	83817R10-20	83771	83771-DV	83771-DD	83771-DD-DV	88053R10	
11W	40	1130	87	125	TL1102504-30-30	83817R10-40	83771	83771-DV	83771-DD	83771-DD-DV	88053R10	
11W	60	1130	87	125	TL1102504-30-30	83817R10-60	83771	83771-DV	83771-DD	83771-DD-DV	88053R10	
16W	20	1520	84	125	TL1102504-30-30	83817R10-20	83761	83761-DV	83761-DD	83761-DD-DV	88053R10	
16W	40	1520	84	125	TL1102504-30-30	83817R10-40	83761	83761-DV	83761-DD	83761-DD-DV	88053R10	
16W	60	1520	84	125	TL1102504-30-30	83817R10-60	83761	83761-DV	83761-DD	83761-DD-DV	88053R10	
23W	20	2000	77	125	TL1102504-30-30	83817R10-20	83762	83762-DV	83762-DD	83762-DD-DV	88053R10	
23W	40	2000	77	125	TL1102504-30-30	83817R10-40	83762	83762-DV	83762-DD	83762-DD-DV	88053R10	
23W	60	2000	77	125	TL1102504-30-30	83817R10-60	83762	83762-DV	83762-DD	83762-DD-DV	88053R10	

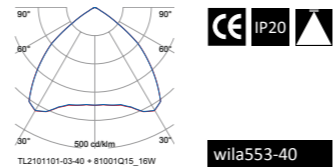
Tentec zono



Downlight, System Frame, 4000 K, Light distribution direct, suitable for VDU workstations

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 185x185 mm, CO 170x170 mm												
16W	1530	85	<1000	16	160	TL2101001-03-40	81001Q15	83761	83761-DV	83761-DD	83761-DD-DV	88085Q15
23W	2010	77	<1000	17	160	TL2101001-03-40	81001Q15	83762	83762-DV	83762-DD	83762-DD-DV	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm												
16W	1610	89	<1000	17	160	TL2101002-03-40	81001Q18	83761	83761-DV	83761-DD	83761-DD-DV	88085Q18
23W	2100	81	<1000	18	160	TL2101002-03-40	81001Q18	83762	83762-DV	83762-DD	83762-DD-DV	88085Q18
37W	2740	67	<1000	19	170	TL2101002-03-40	81001Q18	83766	83766-DV	83766-DD	83766-DD-DV	88085Q18
50W	3990	73	<3000	20	180	TL2101003-03-40	81001Q18	83772	83772-DV	83772-DD	83772-DD-DV	88083Q18

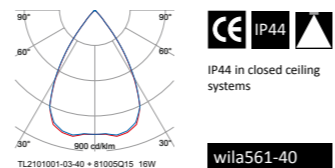
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight, System Frame, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 185x185 mm, CO 170x170 mm												
16W	1720	96	---	23	120	TL2101101-03-40	81001Q15	83761	83761-DV	83761-DD	83761-DD-DV	88085Q15
23W	2270	87	---	24	120	TL2101101-03-40	81001Q15	83762	83762-DV	83762-DD	83762-DD-DV	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm												
16W	1760	98	---	24	120	TL2101102-03-40	81001Q18	83761	83761-DV	83761-DD	83761-DD-DV	88085Q18
23W	2300	88	---	24	120	TL2101102-03-40	81001Q18	83762	83762-DV	83762-DD	83762-DD-DV	88085Q18
37W	2970	72	---	25	130	TL2101102-03-40	81001Q18	83766	83766-DV	83766-DD	83766-DD-DV	88085Q18
50W	4190	76	---	26	140	TL2101103-03-40	81001Q18	83772	83772-DV	83772-DD	83772-DD-DV	88083Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

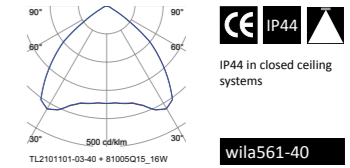


Downlight with Liteoptic, Safety Screen, 4000 K, Light distribution direct, suitable for VDU workstations

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 185x185 mm, CO 170x170 mm												
16W	1420	79	<1000	16	160	TL2101001-03-40	81005Q15	83761	83761-DV	83761-DD	83761-DD-DV	88085Q15
23W	1860	72	<1000	17	160	TL2101001-03-40	81005Q15	83762	83762-DV	83762-DD	83762-DD-DV	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm												
16W	1500	83	<1000	17	160	TL2101002-03-40	81005Q18	83761	83761-DV	83761-DD	83761-DD-DV	88085Q18
23W	1960	75	<1000	18	160	TL2101002-03-40	81005Q18	83762	83762-DV	83762-DD	83762-DD-DV	88085Q18
37W	2540	62	<1000	19	170	TL2101002-03-40	81005Q18	83766	83766-DV	83766-DD	83766-DD-DV	88085Q18
50W	3630	66	---	19	180	TL2101003-03-40	81005Q18	83772	83772-DV	83772-DD	83772-DD-DV	88083Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

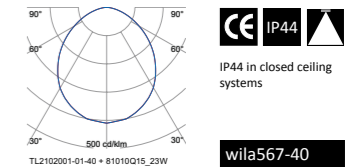
Tentec zono



Downlight with Liteoptic, Safety Screen, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 185x185 mm, CO 170x170 mm												
16W	1600	89	---	23	120	TL2101101-03-40	81005Q15	83761	83761-DV	83761-DD	83761-DD-DV	88085Q15
23W	2100	81	---	23	120	TL2101101-03-40	81005Q15	83762	83762-DV	83762-DD	83762-DD-DV	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm												
16W	1640	91	---	23	120	TL2101102-03-40	81005Q18	83761	83761-DV	83761-DD	83761-DD-DV	88085Q18
23W	2150	83	---	24	120	TL2101102-03-40	81005Q18	83762	83762-DV	83762-DD	83762-DD-DV	88085Q18
37W	2760	67	---	25	130	TL2101102-03-40	81005Q18	83766	83766-DV	83766-DD	83766-DD-DV	88085Q18
50W	3840	70	---	25	140	TL2101103-03-40	81005Q18	83772	83772-DV	83772-DD	83772-DD-DV	88083Q18

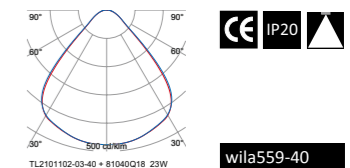
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight with Liteoptic, Diffusing Screen, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 185x185 mm, CO 170x170 mm												
16W	1660	92	---	26	120	TL2102001-01-40	81010Q15	83761	83761-DV	83761-DD	83761-DD-DV	88085Q15
23W	2160	83	---	27	120	TL2102001-01-40	81010Q15	83762	83762-DV	83762-DD	83762-DD-DV	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm												
16W	1720	96	---	26	120	TL2102002-01-40	81010Q18	83761	83761-DV	83761-DD	83761-DD-DV	88085Q18
23W	2270	87	---	27	120	TL2102002-01-40	81010Q18	83762	83762-DV	83762-DD	83762-DD-DV	88085Q18
37W	2900	71	---	27	130	TL2102002-01-40	81010Q18	83766	83766-DV	83766-DD	83766-DD-DV	88085Q18
50W	3960	72	---	28	140	TL2102003-01-40	81010Q18	83772	83772-DV	83772-DD	83772-DD-DV	88083Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight with Liteoptic, Halo Optic, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 185x185 mm, CO 170x170 mm												
16W	1620	90	---	23	120	TL2101101-03-40	81040Q15	83761	83761-DV	83761-DD	83761-DD-DV	88085Q15
23W	2130	82	---	24	120	TL2101101-03-40	81040Q15	83762	83762-DV	83762-DD	83762-DD-DV	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm												
16W	1620	90	---	22	120	TL2101102-03-40	81040Q18	83761	83761-DV	83761-DD	83761-DD-DV	88085Q18
23W	2080	80	---	23	120	TL2101102-03-40	81040Q18	83762	83762-DV	83762-DD	83762-DD-DV	88085Q18
37W	2710	66	---	24	130	TL2101102-03-40	81040Q18	83766	83766-DV	83766-DD	83766-DD-DV	88085Q18
50W	3850	70	---	25	140	TL2101103-03-40	81040Q18	83772	83772-DV	83772-DD	83772-DD-DV	88083Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

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Downlight with Liteoptic, Soft Carré, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 185x185 mm, CO 170x170 mm												
16W	1470	82	---	27	120	TL2102001-01-40	86006Q15	83761	83761-DV	83761-DD	83761-DD-DV	88085Q15
23W	1930	74	---	28	120	TL2102001-01-40	86006Q15	83762	83762-DV	83762-DD	83762-DD-DV	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm												
16W	1530	85	---	26	120	TL2102002-01-40	86006Q18	83761	83761-DV	83761-DD	83761-DD-DV	88085Q18
23W	2000	77	---	27	120	TL2102002-01-40	86006Q18	83762	83762-DV	83762-DD	83762-DD-DV	88085Q18
37W	2610	64	---	28	130	TL2102002-01-40	86006Q18	83766	83766-DV	83766-DD	83766-DD-DV	88085Q18
50W	3510	64	---	29	140	TL2102003-01-40	86006Q18	83772	83772-DV	83772-DD	83772-DD-DV	88083Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight with Liteoptic, Corona Carré, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 185x185 mm, CO 170x170 mm												
16W	1430	79	---	15	160	TL2101001-03-40	86141Q15	83761	83761-DV	83761-DD	83761-DD-DV	88085Q15
23W	1870	72	---	16	160	TL2101001-03-40	86141Q15	83762	83762-DV	83762-DD	83762-DD-DV	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm												
16W	1510	84	<3000	16	160	TL2101002-03-40	86141Q18	83761	83761-DV	83761-DD	83761-DD-DV	88085Q18
23W	1840	71	<3000	17	160	TL2101002-03-40	86141Q18	83762	83762-DV	83762-DD	83762-DD-DV	88085Q18
37W	2620	64	---	18	170	TL2101002-03-40	86141Q18	83766	83766-DV	83766-DD	83766-DD-DV	88085Q18
50W	3800	69	---	19	180	TL2101003-03-40	86141Q18	83772	83772-DV	83772-DD	83772-DD-DV	88083Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

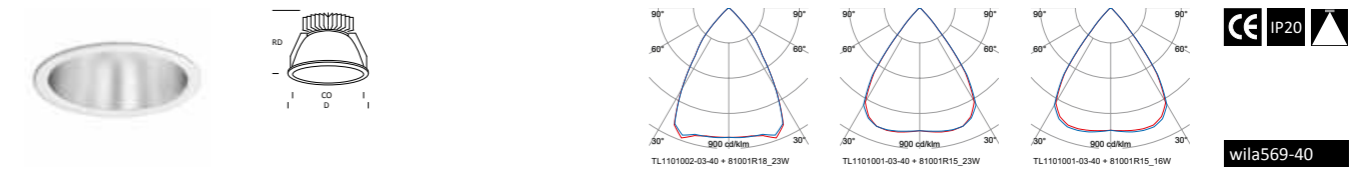


Downlight with Liteoptic, Float Glass Screen with Anti-glare Frame, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
Q15, LxW 185x185 mm, CO 170x170 mm												
16W	1230	68	---	25	120	TL2101101-03-40	85221Q15	83761	83761-DV	83761-DD	83761-DD-DV	88085Q15
23W	1610	62	---	26	120	TL2101101-03-40	85221Q15	83762	83762-DV	83762-DD	83762-DD-DV	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm												
16W	1330	74	---	24	120	TL2101102-03-40	85221Q18	83761	83761-DV	83761-DD	83761-DD-DV	88085Q18
23W	1720	66	---	25	120	TL2101102-03-40	85221Q18	83762	83762-DV	83762-DD	83762-DD-DV	88085Q18
37W	2210	54	---	26	130	TL2101102-03-40	85221Q18	83766	83766-DV	83766-DD	83766-DD-DV	88085Q18
50W	3160	57	---	27	140	TL2101103-03-40	85221Q18	83772	83772-DV	83772-DD	83772-DD-DV	88083Q18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

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Downlight, System Ring, 4000 K, Light distribution direct, suitable for VDU workstations

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Attachment	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 180 mm, CO 165 mm												
16W	1660	92	<1000	18	160	TL1101001-03-40	81001R15	83761	83761-DV	83761-DD	83761-DD-DV	88080R15
23W	2190	84	<1000	19	160	TL1101001-03-40	81001R15	83762	83762-DV	83762-DD	83762-DD-DV	88080R15
R18, D 210 mm, CO 195 mm												
16W	1710	95	<1000	16	160	TL1101002-03-40	81001R18	83761	83761-DV	83761-DD	83761-DD-DV	88080R18
23W	2260	87	<1000	17	160	TL1101002-03-40	81001R18	83762	83762-DV	83762-DD	83762-DD-DV	88080R18
37W	2880	70	<1000	18	170	TL1101002-03-40	81001R18	83766	83766-DV	83766-DD	83766-DD-DV	88080R18
50W	4130	75	<1000	19	180	TL1101003-03-40	81001R18	83772	83772-DV	83772-DD	83772-DD-DV	88083R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight, System Ring, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Attachment	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 180 mm, CO 165 mm												
16W	1770	98	<3000	24	120	TL1101101-03-40	81001R15	83761	83761-DV	83761-DD	83761-DD-DV	88038R15
23W	2320	89	---	25	120	TL1101101-03-40	81001R15	83762	83762-DV	83762-DD	83762-DD-DV	88038R15
R18, D 210 mm, CO 195 mm												
16W	1790	99	---	24	120	TL1101102-03-40	81001R18	83761	83761-DV	83761-DD	83761-DD-DV	88038R18
23W	2340	90	---	25	120	TL1101102-03-40	81001R18	83762	83762-DV	83762-DD	83762-DD-DV	88038R18
37W	3030	74	---	26	130	TL1101102-03-40	81001R18	83766	83766-DV	83766-DD	83766-DD-DV	88038R18
50W	4140	75	---	27	140	TL1101103-03-40	81001R18	83772	83772-DV	83772-DD	83772-DD-DV	88038R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

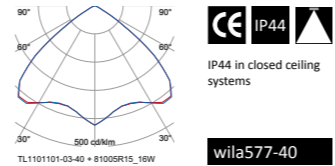


Downlight with Liteoptic, Safety Screen, 4000 K, Light distribution direct, suitable for VDU workstations

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 180 mm, CO 165 mm												
16W	1540	86	<1000	18	160	TL1101001-03-40	81005R15	83761	83761-DV	83761-DD	83761-DD-DV	88080R15
23W	2040	78	<1000	19	160	TL1101001-03-40	81005R15	83762	83762-DV	83762-DD	83762-DD-DV	88080R15
R18, D 210 mm, CO 195 mm												
16W	1580	88	<1000	16	160	TL1101002-03-40	81005R18	83761	83761-DV	83761-DD	83761-DD-DV	88080R18
23W	2080	80	<1000	17	160	TL1101002-03-40	81005R18	83762	83762-DV	83762-DD	83762-DD-DV	88080R18
37W	2610	64	<1000	18	170	TL1101002-03-40	81005R18	83766	83766-DV	83766-DD	83766-DD-DV	88080R18
50W	3830	70	<1000	19	180	TL1101003-03-40	81005R18	83772	83772-DV	83772-DD	83772-DD-DV	88083R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

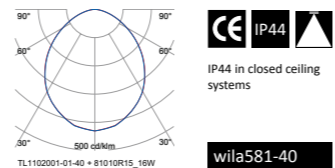
Tentec zono



Downlight with Liteoptic, Safety Screen, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 180 mm, CO 165 mm												
16W	1640	91	<3000	24	120	TL1101101-03-40	81005R15	83761	83761-DV	83761-DD	83761-DD-DV	88038R15
23W	2100	81	---	24	120	TL1101101-03-40	81005R15	83762	83762-DV	83762-DD	83762-DD-DV	88038R15
R18, D 210 mm, CO 195 mm												
16W	1670	93	<3000	23	120	TL1101102-03-40	81005R18	83761	83761-DV	83761-DD	83761-DD-DV	88038R18
23W	2190	84	---	24	120	TL1101102-03-40	81005R18	83762	83762-DV	83762-DD	83762-DD-DV	88038R18
37W	2790	68	---	25	130	TL1101102-03-40	81005R18	83766	83766-DV	83766-DD	83766-DD-DV	88038R18
50W	3710	67	---	26	140	TL1101103-03-40	81005R18	83772	83772-DV	83772-DD	83772-DD-DV	88038R18

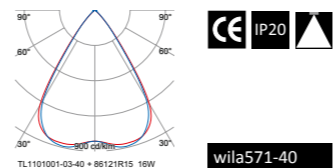
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight with Liteoptic, Diffusing Screen, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 180 mm, CO 165 mm												
16W	1610	89	---	27	120	TL1102001-01-40	81010R15	83761	83761-DV	83761-DD	83761-DD-DV	88038R15
23W	2090	80	---	28	120	TL1102001-01-40	81010R15	83762	83762-DV	83762-DD	83762-DD-DV	88038R15
R18, D 210 mm, CO 195 mm												
16W	1670	93	---	26	120	TL1102002-01-40	81010R18	83761	83761-DV	83761-DD	83761-DD-DV	88038R18
23W	2200	85	---	27	120	TL1102002-01-40	81010R18	83762	83762-DV	83762-DD	83762-DD-DV	88038R18
37W	2820	69	---	28	130	TL1102002-01-40	81010R18	83766	83766-DV	83766-DD	83766-DD-DV	88038R18
50W	3860	70	---	29	140	TL1102003-01-40	81010R18	83772	83772-DV	83772-DD	83772-DD-DV	88038R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

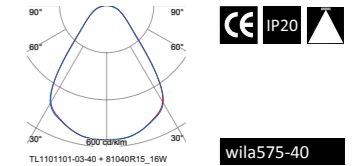


Downlight with Liteoptic, Corona Ring, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 180 mm, CO 165 mm												
16W	1660	92	<3000	17	160	TL1101001-03-40	86121R15	83761	83761-DV	83761-DD	83761-DD-DV	88080R15
23W	2180	84	<3000	18	160	TL1101001-03-40	86121R15	83762	83762-DV	83762-DD	83762-DD-DV	88080R15
R18, D 210 mm, CO 195 mm												
16W	1640	91	<3000	15	160	TL1101002-03-40	86121R18	83761	83761-DV	83761-DD	83761-DD-DV	88080R18
23W	2180	84	<3000	16	160	TL1101002-03-40	86121R18	83762	83762-DV	83762-DD	83762-DD-DV	88080R18
37W	2770	68	<3000	17	170	TL1101002-03-40	86121R18	83766	83766-DV	83766-DD	83766-DD-DV	88080R18
50W	3960	72	---	18	180	TL1101003-03-40	86121R18	83772	83772-DV	83772-DD	83772-DD-DV	88083R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

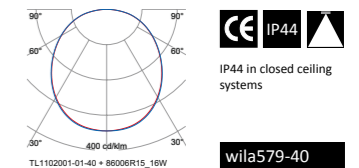
Tentec zono



Downlight with Liteoptic, Halo Optic, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 180 mm, CO 165 mm												
16W	1530	85	---	25	120	TL1101101-03-40	81040R15	83761	83761-DV	83761-DD	83761-DD-DV	88038R15
23W	2010	77	---	26	120	TL1101101-03-40	81040R15	83762	83762-DV	83762-DD	83762-DD-DV	88038R15
R18, D 210 mm, CO 195 mm												
16W	1510	84	---	23	120	TL1101102-03-40	81040R18	83761	83761-DV	83761-DD	83761-DD-DV	88038R18
23W	1990	77	---	24	120	TL1101102-03-40	81040R18	83762	83762-DV	83762-DD	83762-DD-DV	88038R18
37W	2550	62	---	24	130	TL1101102-03-40	81040R18	83766	83766-DV	83766-DD	83766-DD-DV	88038R18
50W	3490	63	---	25	140	TL1101103-03-40	81040R18	83772	83772-DV	83772-DD	83772-DD-DV	88038R18

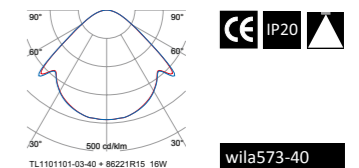
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight with Liteoptic, Soft Disc, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 180 mm, CO 165 mm												
16W	1500	83	---	28	120	TL1102001-01-40	86006R15	83761	83761-DV	83761-DD	83761-DD-DV	88038R15
23W	1960	75	---	28	120	TL1102001-01-40	86006R15	83762	83762-DV	83762-DD	83762-DD-DV	88038R15
R18, D 210 mm, CO 195 mm												
16W	1550	86	---	27	120	TL1102002-01-40	86006R18	83761	83761-DV	83761-DD	83761-DD-DV	88038R18
23W	2040	78	---	28	120	TL1102002-01-40	86006R18	83762	83762-DV	83762-DD	83762-DD-DV	88038R18
37W	2590	63	---	28	130	TL1102002-01-40	86006R18	83766	83766-DV	83766-DD	83766-DD-DV	88038R18
50W	3540	64	---	30	140	TL1102003-01-40	86006R18	83772	83772-DV	83772-DD	83772-DD-DV	88038R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Downlight with Liteoptic, Float Glass Screen, 4000 K, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Liteoptic	Driver standard	standard-DV	DALI	DALI-DV	Mounting Box
CRI 80												
R15, D 180 mm, CO 165 mm												
16W	1430	79	---	25	120	TL1101101-03-40	86221R15	83761	83761-DV	83761-DD	83761-DD-DV	88038R15
23W	1860	72	---	26	120	TL1101101-03-40	86221R15	83762	83762-DV	83762-DD	83762-DD-DV	88038R15
R18, D 210 mm, CO 195 mm												
16W	1360	76	---	25	120	TL1101102-03-40	86221R18	83761	83761-DV	83761-DD	83761-DD-DV	88038R18
23W	1790	69	---	26	120	TL1101102-03-40	86221R18	83762	83762-DV	83762-DD	83762-DD-DV	88038R18
37W	2290	56	---	27	130	TL1101102-03-40	86221R18	83766	83766-DV	83766-DD	83766-DD-DV	88038R18
50W	3120	57	---	28	140	TL1101103-03-40	86221R18	83772	83772-DV	83772-DD	83772-DD-DV	88038R18

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

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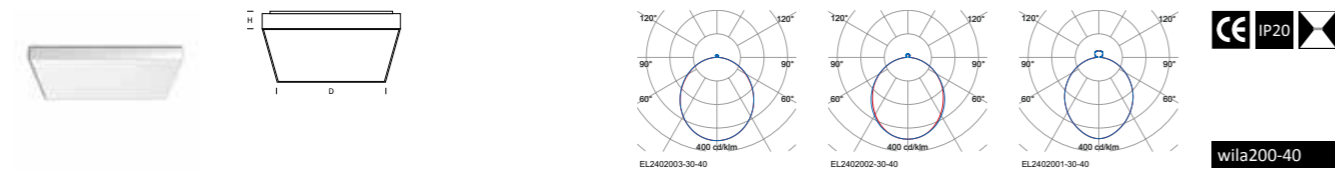


Downlight with Liteoptic, Opal Ring, 4000 K, Light distribution direct

Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI	Mounting Box
CRI 80							
R37, D 400 mm, CO 380 mm							
1400	64	---	23	100	CL1102101-33-40	CL1102101-33-40-DD	88038R27
1880	57	---	24	100	CL1102102-33-40	CL1102102-33-40-DD	88038R27
2150	55	---	25	100	CL1102103-33-40	CL1102103-33-40-DD	88038R27

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

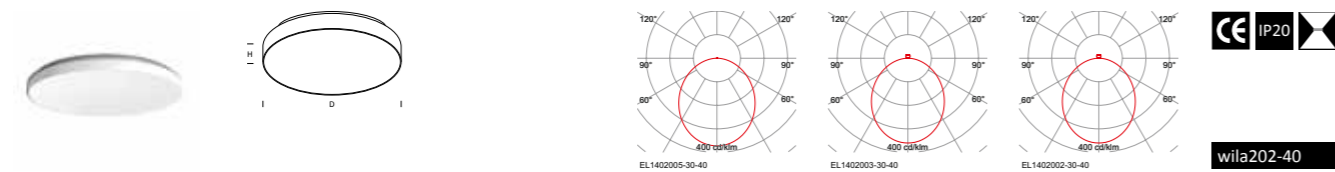
Flat light



Opal Cover, 4000 K, Light distribution direct/indirect

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard
CRI 80					
Q250, LxWxH 250x250x70 mm					
18 W	1610	81	---	23	EL2402001-30-40
Q410, LxWxH 410x410x70 mm					
36 W	2840	73	---	22	EL2402002-30-40
Q640, LxWxH 640x640x70 mm					
36 W	2890	74	<3000	19	EL2402003-30-40

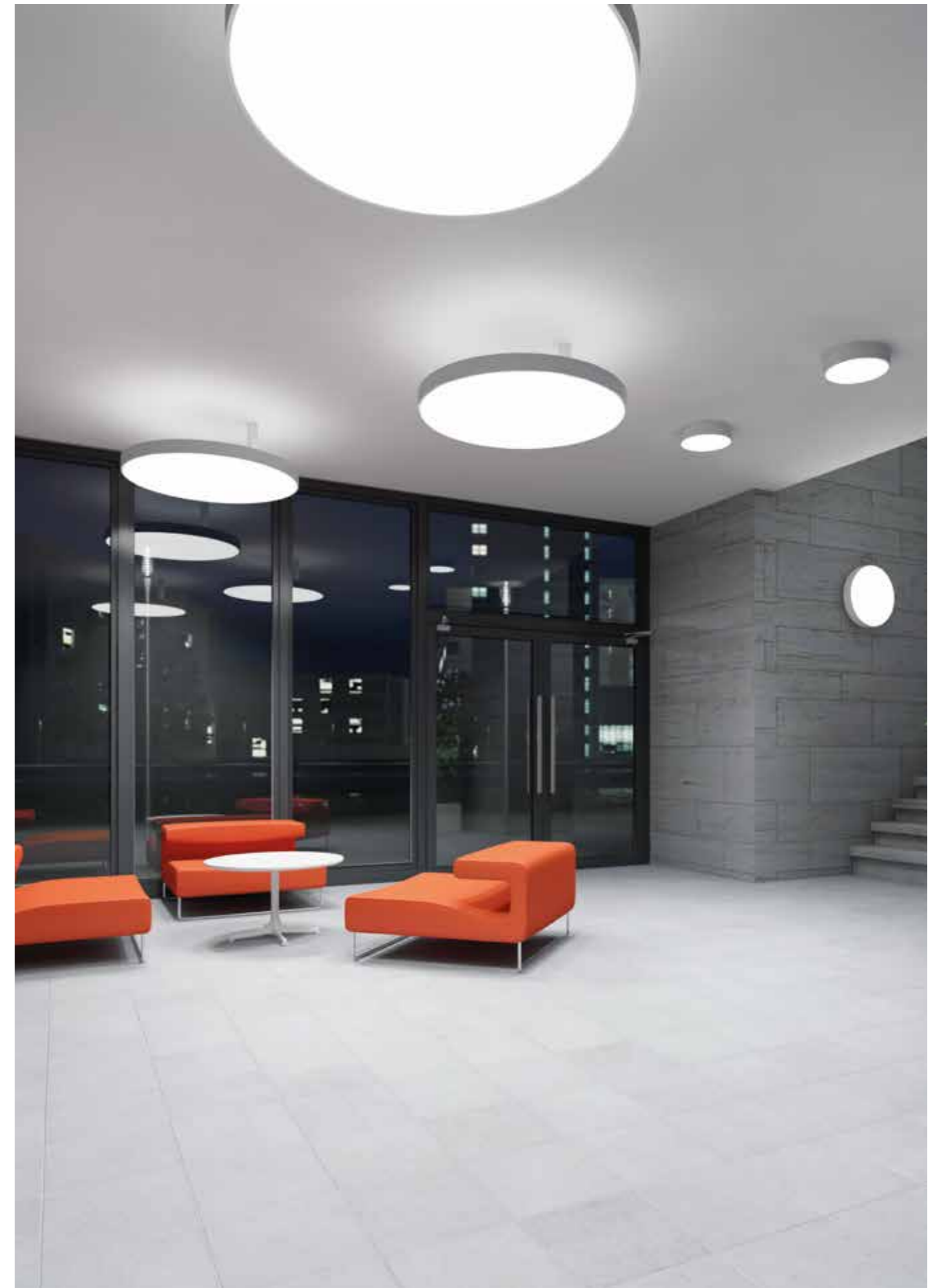
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



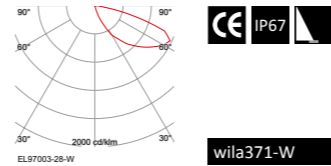
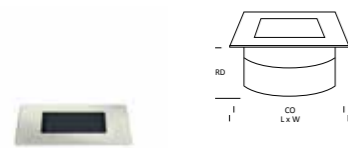
Opal Cover, 4000 K, Light distribution direct/indirect

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard
CRI 80					
D 1000 mm, H 100 mm					
72 W	5280	68	<3000	19	EL1402005-30-40
D 335 mm, H 70 mm					
18 W	1570	79	---	22	EL1402001-30-40
26 W	2070	74	---	23	EL1402002-30-40
D 515 mm, H 70 mm					
26 W	2100	75	<3000	20	EL1402003-30-40
36 W	2770	71	---	21	EL1402004-30-40

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Nero Accent



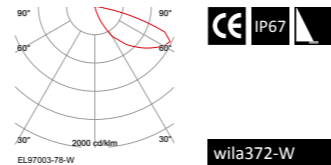
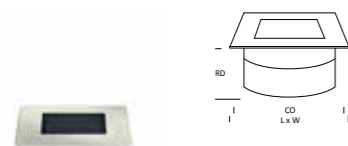
Accent Washlights, 3000 K, Light distribution direct, asymmetric, Chrome-Finish, Cover clear

W	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
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CRI 80

Q03, LxW 60x60 mm, CO 51 mm						
2 W	43	22	45	EL97003-28-W	83756	88090R03
Q05, LxW 78x78 mm, CO 68 mm						
3 W	47	16	45	EL97004-28-W	83756	88090R05

Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com



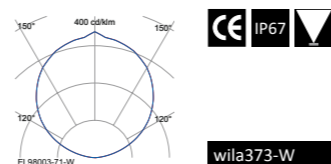
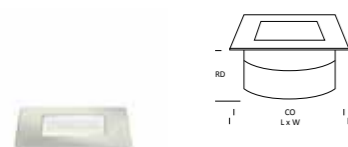
Accent Washlights, 3000 K, Light distribution direct, asymmetric, Cover clear, asym. reflector black

W	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
---	-----	-------	-------	-----------	-----------------	--------------

CRI 80

Q03, LxW 60x60 mm, CO 51 mm						
2 W	43	22	45	EL97003-78-W	83756	88090R03
Q05, LxW 78x78 mm, CO 68 mm						
3 W	47	16	45	EL97004-78-W	83756	88090R05

Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com



Accent Washlights, 3000 K, light distribution indirect, Nero Accent Cover matt, reflector white

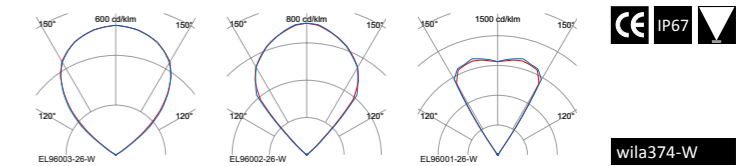
W	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
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CRI 80

Q01, LxW 38x38 mm, CO 32 mm						
1 W	28	28	45	EL98002-71-W	83756	88090R01
Q03, LxW 60x60 mm, CO 51 mm						
2 W	78	39	45	EL98003-71-W	83756	88090R03
Q05, LxW 78x78 mm, CO 68 mm						
3 W	118	39	45	EL98004-71-W	83756	88090R05

Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com

Nero Accent



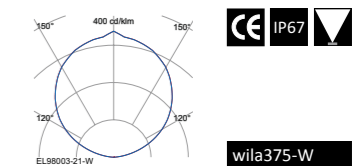
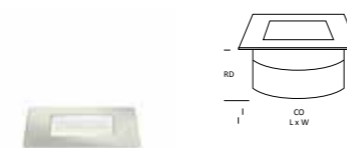
Accent Washlights, 3000 K, light distribution indirect, Chrome-Finish, Cover clear

W	α°	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
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CRI 80

Q01, LxW 38x38 mm, CO 32 mm							
1 W	60	66	66	45	EL96001-26-W	83756	88090R01
1 W	80	52	52	45	EL96002-26-W	83756	88090R01
Q03, LxW 60x60 mm, CO 51 mm							
2 W		124	62	45	EL96003-26-W	83756	88090R03
Q05, LxW 78x78 mm, CO 68 mm							
3 W		186	62	45	EL96004-26-W	83756	88090R05

Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com



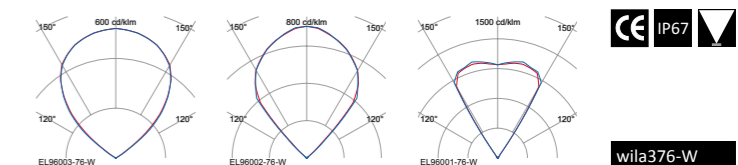
Accent Washlights, 3000 K, light distribution indirect, Chrome-Finish, Cover matt, reflector white

W	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
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CRI 80

Q01, LxW 38x38 mm, CO 32 mm						
1 W	28	28	45	EL98002-21-W	83756	88090R01
Q03, LxW 60x60 mm, CO 51 mm						
2 W	78	39	45	EL98003-21-W	83756	88090R03
Q05, LxW 78x78 mm, CO 68 mm						
3 W	118	39	45	EL98004-21-W	83756	88090R05

Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com



Accent Washlights, 3000 K, light distribution indirect, Nero Accent Cover clear, reflector black

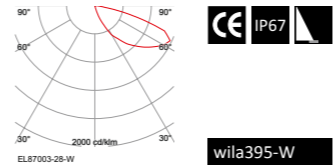
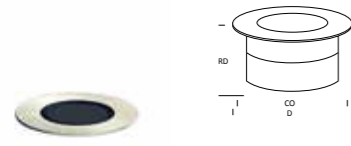
W	α°	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
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CRI 80

Q01, LxW 38x38 mm, CO 32 mm							
1 W	60	66	66	45	EL96001-76-W	83756	88090R01
1 W	80	52	52	45	EL96002-76-W	83756	88090R01
Q03, LxW 60x60 mm, CO 51 mm							
2 W		124	62	45	EL96003-76-W	83756	88090R03
Q05, LxW 78x78 mm, CO 68 mm							
3 W		186	62	45	EL96004-76-W	83756	88090R05

Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com

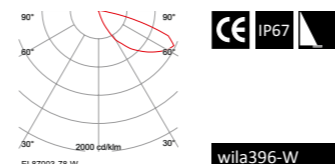
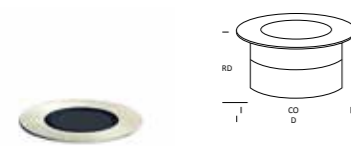
Nero Accent



Accent Washlights, 3000 K, Light distribution direct, asymmetric, Chrome-Finish, Cover clear

W	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
CRI 80						
R03, D 60 mm, CO 51 mm						
2 W	43	22	45	EL87003-28-W	83756	88090R03
R05, D 78 mm, CO 68 mm						
3 W	47	16	45	EL87004-28-W	83756	88090R05

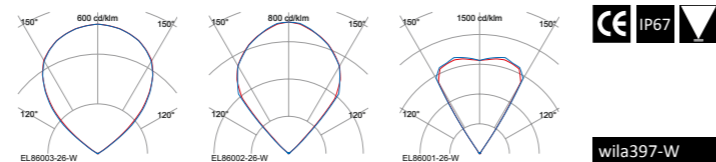
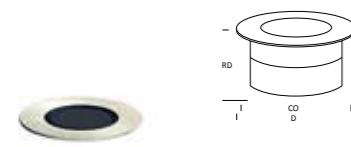
Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com



Accent Washlights, 3000 K, Light distribution direct, asymmetric, Cover clear, asym. reflector black

W	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
CRI 80						
R03, D 60 mm, CO 51 mm						
2 W	43	22	45	EL87003-78-W	83756	88090R03
R05, D 78 mm, CO 68 mm						
3 W	47	16	45	EL87004-78-W	83756	88090R05

Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com

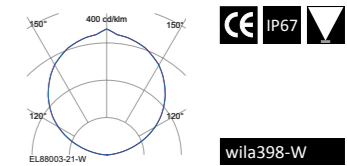


Accent Washlights, 3000 K, light distribution indirect, Chrome-Finish, Cover clear

W	α°	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
CRI 80							
R01, D 38 mm, CO 32 mm							
1 W	60	66	66	45	EL86001-26-W	83756	88090R01
1 W	80	52	52	45	EL86002-26-W	83756	88090R01
R03, D 60 mm, CO 51 mm							
2 W		124	62	45	EL86003-26-W	83756	88090R03
R05, D 78 mm, CO 68 mm							
3 W		186	62	45	EL86004-26-W	83756	88090R05

Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com

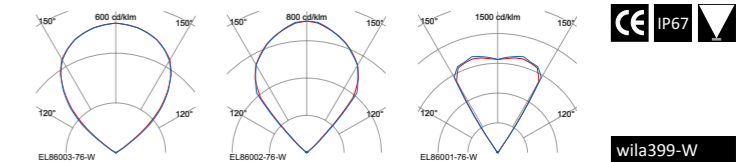
Nero Accent



Accent Washlights, 3000 K, light distribution indirect, Chrome-Finish, Cover matt, reflector white

W	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
CRI 80						
R01, D 38 mm, CO 32 mm						
1 W	28	28	45	EL88002-21-W	83756	88090R01
R03, D 60 mm, CO 51 mm						
2 W	78	39	45	EL88003-21-W	83756	88090R03
R05, D 78 mm, CO 68 mm						
3 W	118	39	45	EL88004-21-W	83756	88090R05

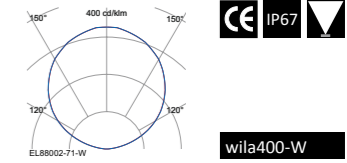
Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com



Accent Washlights, 3000 K, light distribution indirect, Nero Accent Cover clear, reflector black

W	α°	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
CRI 80							
R01, D 38 mm, CO 32 mm							
1 W	60	66	66	45	EL86001-76-W	83756	88090R01
1 W	80	52	52	45	EL86002-76-W	83756	88090R01
R03, D 60 mm, CO 51 mm							
2 W		124	62	45	EL86003-76-W	83756	88090R03
R05, D 78 mm, CO 68 mm							
3 W		186	62	45	EL86004-76-W	83756	88090R05

Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com



Accent Washlights, 3000 K, light distribution indirect, Nero Accent Cover matt, reflector white

W	Llm	Llm/W	RD mm	Luminaire	Driver standard	Mounting Box
CRI 80						
R01, D 38 mm, CO 32 mm						
1 W	28	28	45	EL88002-71-W	83756	88090R01
R03, D 60 mm, CO 51 mm						
2 W	78	39	45	EL88003-71-W	83756	88090R03
R05, D 78 mm, CO 68 mm						
3 W	118	39	45	EL88004-71-W	83756	88090R05

Use index -N (4000 K) or -W (3000 K), photometric data in the "products" on www.wila.com



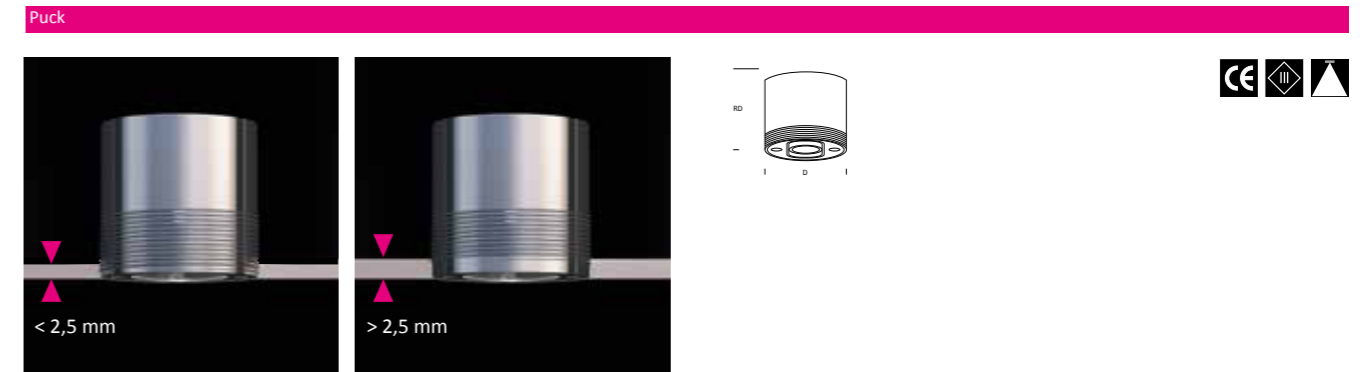
Handrail	Material thickness	Mode of Protection	System photometric data					Article number	
			LED	$\alpha 1^\circ$	$\alpha 2^\circ$	Llm	Llm/W		
Round			3000 K - D 16 mm - H 15 mm						
	< 2,5 mm	IP66 IK10	wila440-30	1,5 W	60	80	127	85	MP1201001-70-30
		IP67	wila446-30	1,5 W	60	80	127	85	MP1201021-70-30
	> 2,5 mm	IP66 IK10	wila439-30	1,5 W	60	80	127	85	MP1201002-70-30
		IP67	wila445-30	1,5 W	60	80	127	85	MP1201022-70-30
	< 2,5 mm	IP66 IK10	wila444-30	1,5 W	90	70	132	88	MP1201003-70-30
		IP67	wila450-30	1,5 W	90	70	132	88	MP1201023-70-30
	> 2,5 mm	IP66 IK10	wila443-30	1,5 W	90	70	132	88	MP1201004-70-30
		IP67	wila449-30	1,5 W	90	70	132	88	MP1201024-70-30
	< 2,5 mm	IP66 IK10	wila442-30	1,5 W	20/60	80	119	79	MP1201005-70-30
		IP67	wila448-30	1,5 W	20/60	80	119	79	MP1201025-70-30
	> 2,5 mm	IP66 IK10	wila441-30	1,5 W	20/60	80	119	79	MP1201006-70-30
		IP67	wila447-30	1,5 W	20/60	80	119	79	MP1201026-70-30

Use index -40 (4000K) or -30 (3000K)



$\alpha 2$ refers to angle parallel to handrail, $\alpha 1$ refers to the perpendicular angle.

LED gear box IP 20 for 1-20 Pucks	Article number
L 125 mm - W 79 mm - H 22 mm	
Standard	83746
DALI	83747



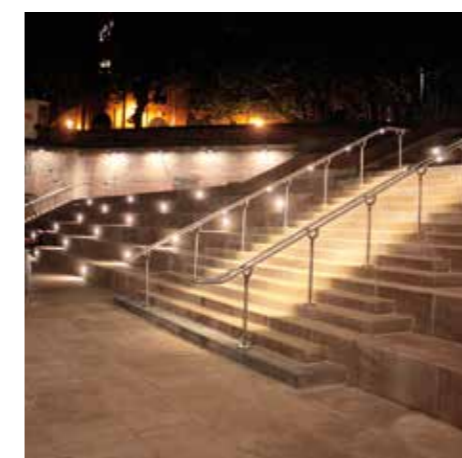
Handrail	Material thickness	Mode of Protection	System photometric data					Article number	
			LED	$\alpha 1^\circ$	$\alpha 2^\circ$	Llm	Llm/W		
Rectangular			3000 K - D 16 mm - H 15 mm						
	< 2,5 mm	IP66 IK10	wila444-30	1,5 W	90	70	132	88	MP1201013-70-30
		IP67	wila450-30	1,5 W	90	70	132	88	MP1201033-70-30
	> 2,5 mm	IP66 IK10	wila443-30	1,5 W	90	70	132	88	MP1201014-70-30
		IP67	wila449-30	1,5 W	90	70	132	88	MP1201034-70-30
	< 2,5 mm	IP66 IK10	wila426-30	1,5 W	20/60	80	119	79	MP1201011-70-30
		IP67	wila430-30	1,5 W	20/60	80	119	79	MP1201031-70-30
	> 2,5 mm	IP66 IK10	wila425-30	1,5 W	20/60	80	119	79	MP1201012-70-30
		IP67	wila429-30	1,5 W	20/60	80	119	79	MP1201032-70-30

Use index -40 (4000K) or -30 (3000K)

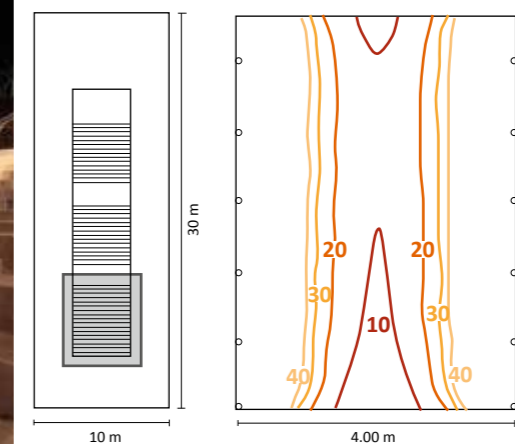


$\alpha 2$ refers to angle parallel to handrail, $\alpha 1$ refers to the perpendicular angle.

LED gear box IP 20 for 1-20 Pucks	Article number
L 125 mm - W 79 mm - H 22 mm	
Standard	83746
DALI	83747



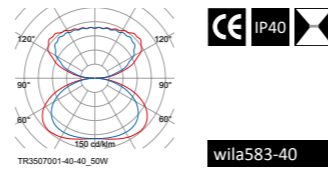
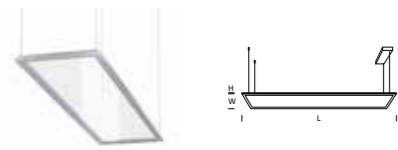
Project: Place St Pierre, Toulouse, France
Lighting Designer: MA Studio - Flora Siesling
Photography: Flora Siesling



Stairway ¹⁾	
Width measuring surface	4.0 m
Length measuring surface	5.6 m
Reflection measuring surface	10%
Distance LED Pucks	1.1 m
Em-measuring surface	> 40 lx
g1 Uniformity measuring surf.	0.10
Number of LED Pucks	12 ¹⁾

Height of handrail 90 cm, Light colour 3000 K, Direction of Pucks 30° tilted from the vertical, Measuring plane = Floor surface, Boundary zone 10 cm, Reflection floor 20%, Maintenance factor 0,8, Beginning of Measuring plane with each 10 cm distance to the room surrounding elements, ¹⁾ double-sided handrail

Transparency



Light Control Structure, 4000 K, Light distribution direct/indirect, Luminaire housing natural anodised

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire	Driver standard, Surface-DV	standard, Independent-DV	DALI, Surface-DV	DALI, Independent-DV
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CRI 80

LxWxH 1197x497x23 mm

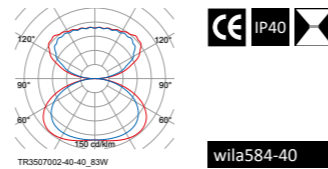
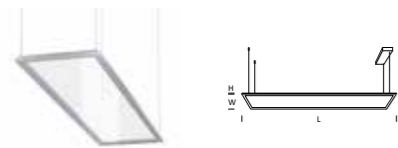
50W	4820	91	<3000	16	TR3507001-40-40	80717-DV	80718-DV	80717-DD-DV	80718-DD-DV
-----	------	----	-------	----	-----------------	----------	----------	-------------	-------------

LxWxH 1482x497x23 mm

62W	6030	93	<3000	16	TR3507002-40-40	80717-DV	80718-DV	80717-DD-DV	80718-DD-DV
-----	------	----	-------	----	-----------------	----------	----------	-------------	-------------

83W	7670	89	<3000	17	TR3507002-40-40	80719-DV	80722-DV	80719-DD-DV	80722-DD-DV
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Use index -40 (4000K) or -30 (3000K), photometric data in the "products" on www.wila.com



Light Control Structure, 4000 K, Light distribution direct/indirect, Luminaire housing natural anodised, With integrated daylight control and present detection

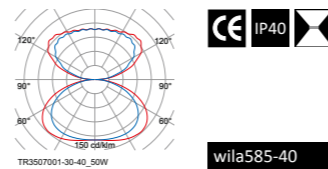
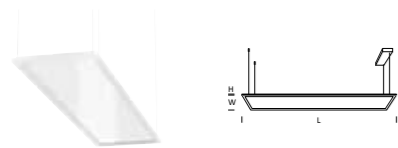
W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire	Driver PT, Surface-DV	PT, Independent-DV
---	-----	-------	---	-----	-----------	--------------------------	--------------------

CRI 80

LxWxH 1482x497x23 mm

83W	7670	89	<3000	17	TR3507002-40-40-PT	80719-PT-DV	80722-PT-DV
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Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Light Control Structure, 4000 K, Light distribution direct/indirect, Luminaire housing white

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire	Driver standard, Surface-DV	standard, Independent-DV	DALI, Surface-DV	DALI, Independent-DV
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CRI 80

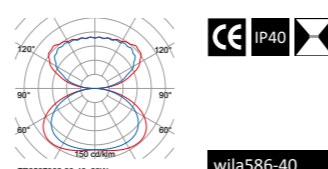
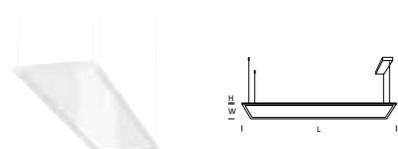
LxWxH 1197x497x23 mm

50W	4820	91	<3000	16	TR3507001-30-40	80717-DV	80718-DV	80717-DD-DV	80718-DD-DV
-----	------	----	-------	----	-----------------	----------	----------	-------------	-------------

LxWxH 1482x497x23 mm

62W	6030	93	<3000	16	TR3507002-30-40	80717-DV	80718-DV	80717-DD-DV	80718-DD-DV
-----	------	----	-------	----	-----------------	----------	----------	-------------	-------------

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Light Control Structure, 4000 K, Light distribution direct/indirect, Luminaire housing white, With integrated daylight control and present detection

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire	Driver PT, Surface-DV	PT, Independent-DV
---	-----	-------	---	-----	-----------	--------------------------	--------------------

CRI 80

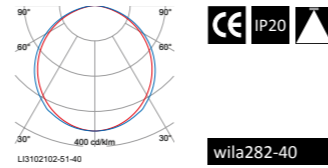
LxWxH 1482x497x23 mm

83W	7670	89	<3000	17	TR3507002-30-40-PT	80719-PT-DV	80722-PT-DV
-----	------	----	-------	----	--------------------	-------------	-------------

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



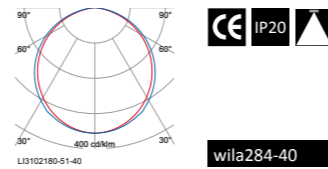
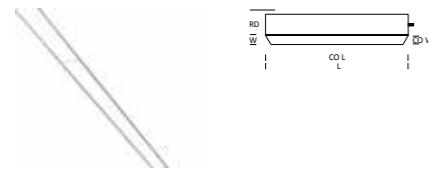
Linic 60



Opal Cover, 4000 K, Light distribution direct, Single luminaire

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
CRI 80							
LxW 1146x74 mm, CO 1136x64 mm							
14 W	1240	73	---	23	115	LI3102102-51-40	LI3102102-51-40-DD
21 W	1980	83	---	25	115	LI3102103-51-40	LI3102103-51-40-DD
LxW 2266x74 mm, CO 2256x64 mm							
28 W	2480	73	---	23	115	LI3102122-51-40	LI3102122-51-40-DD
42 W	3960	83	---	25	115	LI3102123-51-40	LI3102123-51-40-DD

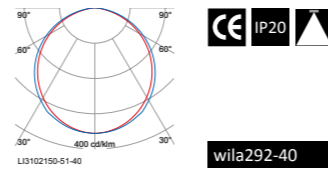
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Opal Cover, 4000 K, Light distribution direct, Extension luminaire

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
CRI 80							
LxW 2246x74 mm, CO 2246x64 mm							
28 W	2480	73	---	23	115	LI3102182-51-40	LI3102182-51-40-DD
42 W	3960	83	---	25	115	LI3102183-51-40	LI3102183-51-40-DD
LxW 566x74 mm, CO 566x64 mm							
7 W	620	62	---	23	115	LI3102180-51-40	
11 W	990	71	---	25	115	LI3102181-51-40	

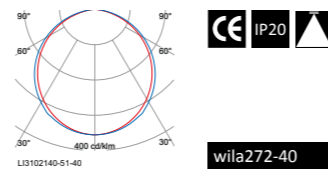
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Opal Cover, 4000 K, Light distribution direct, Corner luminaire, Connection left

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
CRI 80							
LxW 609x74 mm, CO 604x64 mm							
14 W	1240	73	---	23	115	LI3102150-51-40	LI3102150-51-40-DD
21 W	1980	83	---	25	115	LI3102151-51-40	LI3102151-51-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

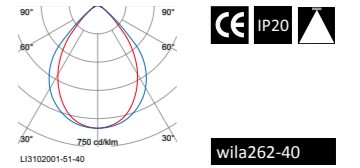
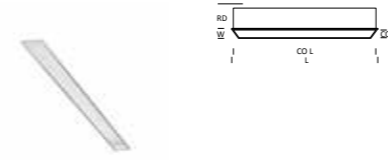


Opal Cover, 4000 K, Light distribution direct, Corner luminaire, Connection right

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
CRI 80							
LxW 609x74 mm, CO 604x64 mm							
14 W	1240	73	---	23	115	LI3102140-51-40	LI3102140-51-40-DD
21 W	1980	83	---	25	115	LI3102141-51-40	LI3102141-51-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

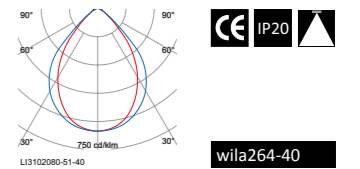
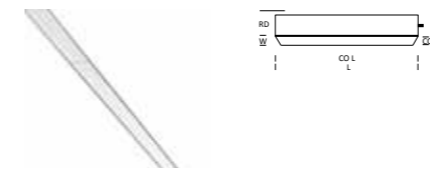
Linic 60



Micro Prism, 4000 K, Light distribution direct, Single luminaire

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
CRI 80							
LxW 1146x74 mm, CO 1136x64 mm							
21 W	1560	65	<3000	18	115	LI3102001-51-40	LI3102001-51-40-DD
LxW 2266x74 mm, CO 2256x64 mm							
42 W	3120	65	<3000	18	115	LI3102021-51-40	LI3102021-51-40-DD

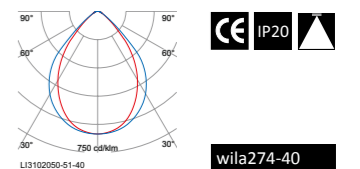
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Micro Prism, 4000 K, Light distribution direct, Extension luminaire

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
CRI 80							
LxW 2246x74 mm, CO 2246x64 mm							
42 W	3120	65	<3000	18	115	LI3102081-51-40	LI3102081-51-40-DD
LxW 566x74 mm, CO 566x64 mm							
7 W	780	56	<3000	18	115	LI3102080-51-40	

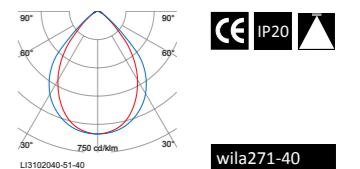
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Micro Prism, 4000 K, Light distribution direct, Corner luminaire, Connection left

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
CRI 80							
LxW 609x74 mm, CO 604x64 mm							
21 W	1560	65	<3000	18	115	LI3102050-51-40	LI3102050-51-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

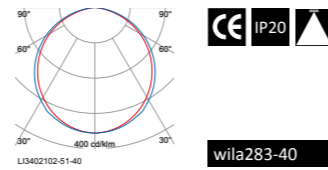
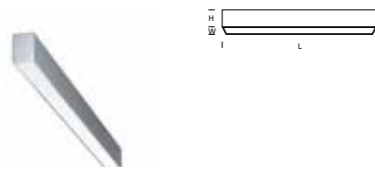


Micro Prism, 4000 K, Light distribution direct, Corner luminaire, Connection right

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
CRI 80							
LxW 609x74 mm, CO 604x64 mm							
21 W	1560	65	<3000	18	115	LI3102040-51-40	LI3102040-51-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

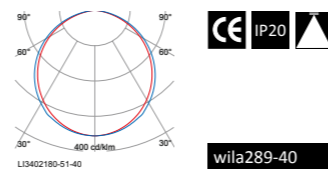
Linic 60



Opal Cover, 4000 K, Light distribution direct, Single luminaire

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
CRI 80						
LxWxH 1132x60x80 mm						
14 W	1240	73	---	23	LI3402102-51-40	LI3402102-51-40-DD
21 W	1980	83	---	25	LI3402103-51-40	LI3402103-51-40-DD
LxWxH 2252x60x80 mm						
28 W	2480	73	---	23	LI3402122-51-40	LI3402122-51-40-DD
42 W	3960	83	---	25	LI3402123-51-40	LI3402123-51-40-DD

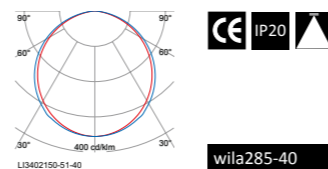
The separate suspension kit turns the surface-mounted into a pendant luminaire
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Opal Cover, 4000 K, Light distribution direct, Extension luminaire

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
CRI 80						
LxWxH 2246x60x80 mm						
28 W	2480	73	---	23	LI3402182-51-40	LI3402182-51-40-DD
42 W	3960	83	---	25	LI3402183-51-40	LI3402183-51-40-DD
LxWxH 566x60x80 mm						
7 W	620	62	---	23	LI3402180-51-40	
11 W	990	71	---	25	LI3402181-51-40	

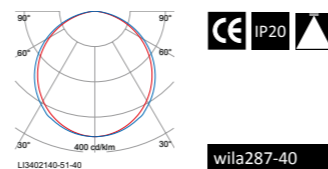
The separate suspension kit turns the surface-mounted into a pendant luminaire
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Opal Cover, 4000 K, Light distribution direct, Corner luminaire, Connection left

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
CRI 80						
LxWxH 602x60x80 mm						
14 W	1240	73	---	23	LI3402150-51-40	LI3402150-51-40-DD
21 W	1980	83	---	25	LI3402151-51-40	LI3402151-51-40-DD

The separate suspension kit turns the surface-mounted into a pendant luminaire
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

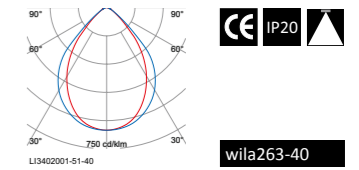


Opal Cover, 4000 K, Light distribution direct, Corner luminaire, Connection right

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
CRI 80						
LxWxH 602x60x80 mm						
14 W	1240	73	---	23	LI3402140-51-40	LI3402140-51-40-DD
21 W	1980	83	---	25	LI3402141-51-40	LI3402141-51-40-DD

The separate suspension kit turns the surface-mounted into a pendant luminaire
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

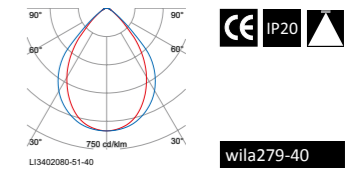
Linic 60



Micro Prism, 4000 K, Light distribution direct, Single luminaire

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
CRI 80						
LxWxH 1132x60x80 mm						
21 W	1560	65	<3000	18	LI3402001-51-40	LI3402001-51-40-DD
LxWxH 2252x60x80 mm						
42 W	3120	65	<3000	18	LI3402021-51-40	LI3402021-51-40-DD

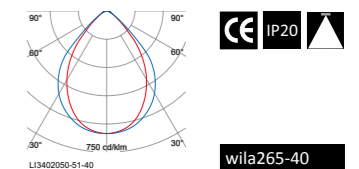
The separate suspension kit turns the surface-mounted into a pendant luminaire
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Micro Prism, 4000 K, Light distribution direct, Extension luminaire

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
CRI 80						
LxWxH 2246x60x80 mm						
42 W	3120	65	<3000	18	LI3402081-51-40	LI3402081-51-40-DD
LxWxH 566x60x80 mm						
7 W	780	56	<3000	18	LI3402080-51-40	

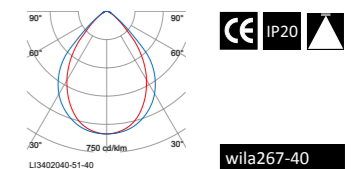
The separate suspension kit turns the surface-mounted into a pendant luminaire
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Micro Prism, 4000 K, Light distribution direct, Corner luminaire, Connection left

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
CRI 80						
LxWxH 602x60x80 mm						
21 W	1560	130	<3000	18	LI3402050-51-40	LI3402050-51-40-DD

The separate suspension kit turns the surface-mounted into a pendant luminaire
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

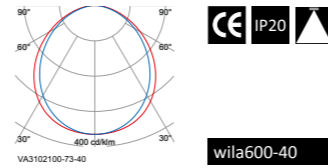
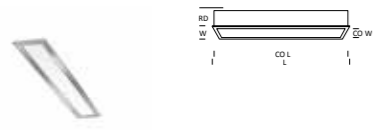


Micro Prism, 4000 K, Light distribution direct, Corner luminaire, Connection right

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
CRI 80						
LxWxH 602x60x80 mm						
21 W	1560	65	<3000	18	LI3402040-51-40	LI3402040-51-40-DD

The separate suspension kit turns the surface-mounted into a pendant luminaire
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

Variatic



wila600-40

Opal Cover, 4000 K, Light distribution direct, Luminaire housing stainless steel (V2A)

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
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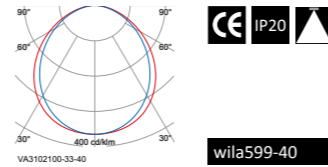
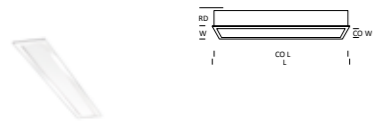
CRI 80

LxW 1150x120 mm, CO 1135x108 mm

31 W 2840 77 --- 23 95

VA3102100-73-40 VA3102100-73-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



wila599-40

Opal Cover, 4000 K, Light distribution direct, Luminaire housing white

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
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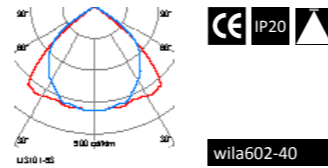
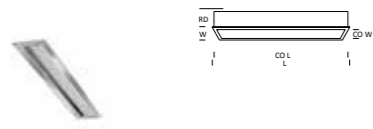
CRI 80

LxW 1150x120 mm, CO 1135x108 mm

31 W 2840 77 --- 23 95

VA3102100-33-40 VA3102100-33-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



wila602-40

Parabolic Louvre, 4000 K, Light distribution direct, Luminaire housing stainless steel (V2A)

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
---	-----	-------	---	-----	-------	-----------------------	------

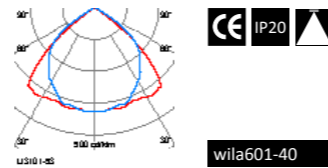
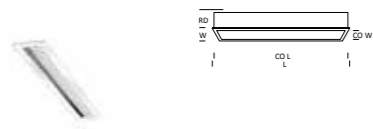
CRI 80

LxW 1150x120 mm, CO 1135x108 mm

31 W 3380 91 <3000 18 95

VA3102200-73-40 VA3102200-73-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



wila601-40

Parabolic Louvre, 4000 K, Light distribution direct, Luminaire housing white

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
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CRI 80

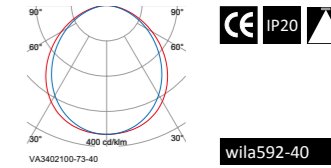
LxW 1150x120 mm, CO 1135x108 mm

31 W 3380 91 <3000 18 95

VA3102200-33-40 VA3102200-33-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

Variatic



wila592-40

Opal Cover, 4000 K, Light distribution direct, Luminaire housing stainless steel (V2A)

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
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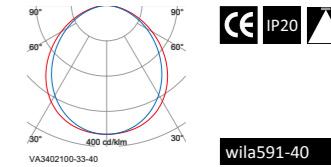
CRI 80

LxWxH 1125x145x50 mm

31 W 2840 77 --- 23

VA3402100-73-40 VA3402100-73-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



wila591-40

Opal Cover, 4000 K, Light distribution direct, Luminaire housing white

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
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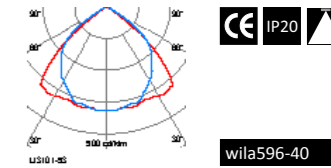
CRI 80

LxWxH 1125x145x50 mm

31 W 2840 77 --- 23

VA3402100-33-40 VA3402100-33-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



wila596-40

Parabolic Louvre, 4000 K, Light distribution direct, Luminaire housing stainless steel (V2A)

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
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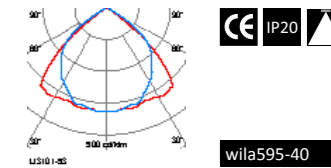
CRI 80

LxWxH 1125x145x50 mm

31 W 3380 91 <3000 18

VA3402200-73-40 VA3402200-73-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



wila595-40

Parabolic Louvre, 4000 K, Light distribution direct, Luminaire housing white

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
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CRI 80

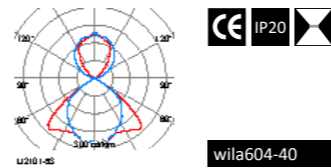
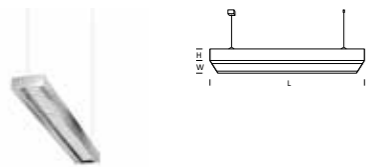
LxWxH 1125x145x50 mm

31 W 3380 91 <3000 18

VA3402200-33-40 VA3402200-33-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

Variatic

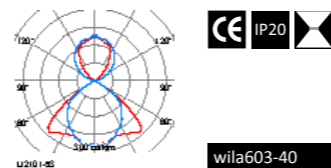
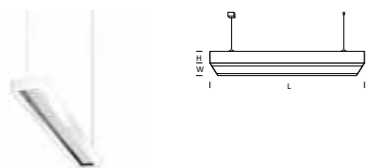


Parabolic Louvre, 4000 K, Light distribution direct/indirect, Luminaire housing stainless steel (V2A)

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
---	-----	-------	---	-----	-----------------------	------

CRI 80						
LxWxH 1125x145x50 mm						
64 W	7110	96	<3000	14	VA3507200-73-40	VA3507200-73-40-DD

Supplied with transparent supply cable, suspension wires and canopy
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Parabolic Louvre, 4000 K, Light distribution direct/indirect, Luminaire housing white

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
---	-----	-------	---	-----	-----------------------	------

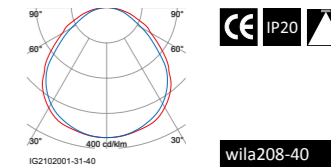
CRI 80						
LxWxH 1125x145x50 mm						
64 W	7110	96	<3000	14	VA3507200-33-40	VA3507200-33-40-DD

Supplied with transparent supply cable, suspension wires and canopy
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Project: Gymnasium Grünwald, Munich, Germany
Lighting Design: Lichttechnik & Design Hubert Saegmüller, Starnberg
Photography: Eberhard Franke, Munich

Ingenic



Micro Prism, 4000 K, Light distribution direct, Flat Design

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire standard	DALI
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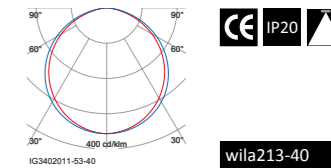
CRI 80							
LxW 1197x297 mm, CO 1190x290 mm							
31 W	3270	91	<3000	19	70	IG3102001-31-40	IG3102001-31-40-DD

LxW 597x597 mm, CO 590x590 mm							
30 W	3090	94	<3000	19	70	IG2102001-31-40	IG2102001-31-40-DD

LxW 622x622 mm, CO 615x615 mm							
30 W	3090	94	<3000	19	70	IG2102101-31-40	IG2102101-31-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

Ingenic

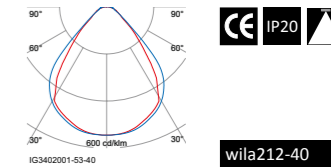


Opal Cover, 4000 K, Light distribution direct, Square Design

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
---	-----	-------	---	-----	-----------------------	------

CRI 80						
LxWxH 1140x196x45 mm						
38 W	3910	91	---	24	IG3402011-53-40	IG3402011-53-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Micro Prism, 4000 K, Light distribution direct, Square Design

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
---	-----	-------	---	-----	-----------------------	------

CRI 80						
LxWxH 1140x196x45 mm						
27 W	2300	74	---	15	IG3402001-53-40	IG3402001-53-40-DD

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

Ingenic




CE IP20

wila214-40

Opal Cover, 4000 K, Light distribution direct/indirect, Square Design

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
38 W	4130	96	---	31	IG3507011-53-40	IG3507011-53-40-DD

CRI 80
LxWxH 1140x196x45 mm
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com




CE IP20

wila215-40

Opal Cover, 4000 K, Light distribution direct/indirect, Step-Design

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
38 W	4020	93	---	24	IG3507111-53-40	IG3507111-53-40-DD

CRI 80
LxWxH 1210x223x45 mm
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com




CE IP20

wila210-40

Micro Prism, 4000 K, Light distribution direct/indirect, Square Design

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
27 W	2550	82	<3000	18	IG3507001-53-40	IG3507001-53-40-DD

CRI 80
LxWxH 1210x223x45 mm
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com




CE IP20

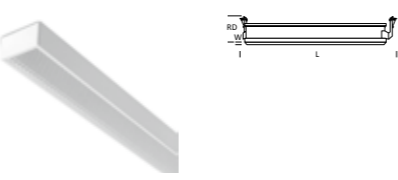
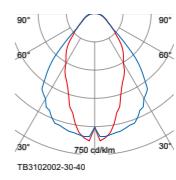
wila211-40

Micro Prism, 4000 K, Light distribution direct/indirect, Step-Design

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	Luminaire standard	DALI
27 W	2550	82	<3000	18	IG3507101-53-40	IG3507101-53-40-DD

CRI 80
LxWxH 1140x196x45 mm
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

T-BAR

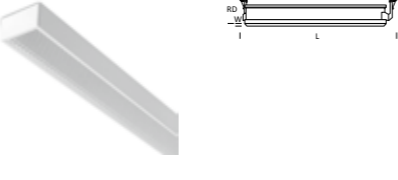
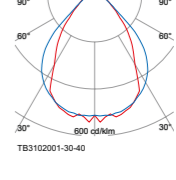
CE IP44

wila471-40

Micro Prism, 4000 K, Light distribution direct, for ceiling grid 600 mm, 15 mm visual T-grids

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Driver standard-DV	DALI-DV
34 W	1486	44	---	26	51	TB3102012-30-40	83751	83751-DD-DV
17 W	743	44	---	26	51	TB3102002-30-40	83751	83751-DD-DV

CRI 80
LxWxH 1200x15x15 mm
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

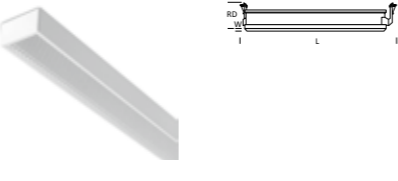
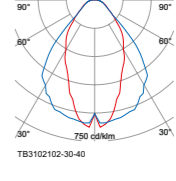
CE IP44

wila472-40

Micro Prism, 4000 K, Light distribution direct, for ceiling grid 600 mm, 24 mm visual T-grids

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Driver standard-DV	DALI-DV
34 W	1978	58	---	25	51	TB3102011-30-40	83751	83751-DD-DV
17 W	989	58	---	25	51	TB3102001-30-40	83751	83751-DD-DV

CRI 80
LxWxH 1200x24x15 mm
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

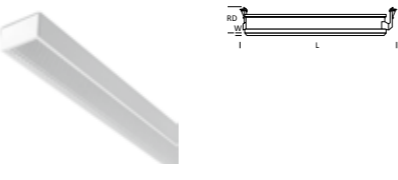
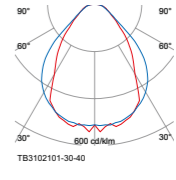
CE IP44

wila473-40

Micro Prism, 4000 K, Light distribution direct, for ceiling grid 625 mm, 15 mm visual T-grids

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Driver standard-DV	DALI-DV
34 W	1978	58	---	25	51	TB3102011-30-40	83751	83751-DD-DV
17 W	989	58	---	25	51	TB3102001-30-40	83751	83751-DD-DV

CRI 80
LxWxH 1200x24x15 mm
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

CE IP44

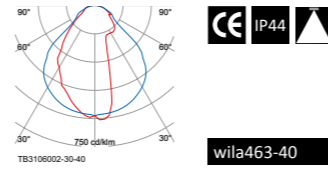
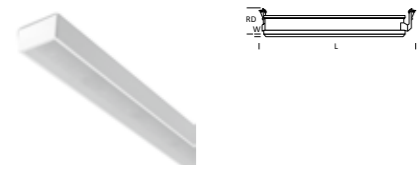
wila474-40

Micro Prism, 4000 K, Light distribution direct, for ceiling grid 625 mm, 24 mm visual T-grids

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Driver standard-DV	DALI-DV
34 W	1486	44	---	26	51	TB3102112-30-40	83751	83751-DD-DV
17 W	743	44	---	26	51	TB3102102-30-40	83751	83751-DD-DV

CRI 80
LxWxH 1250x15x15 mm
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

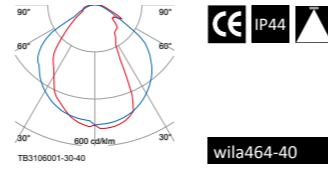
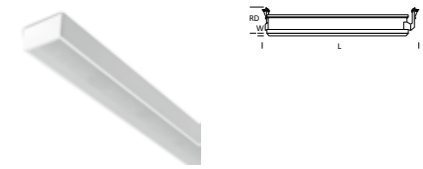
T-BAR



Linear Prism, 4000 K, Light distribution direct, asymmetric, for ceiling grid 600 mm, 15 mm visual T-grids

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	RD mm	Luminaire	Driver standard-DV	DALI-DV
CRI 80							
LxWxH 1200x15x15 mm							
34 W	1666	49	---	51	TB3106012-30-40	83751	83751-DD-DV
LxWxH 600x15x15 mm							
17 W	833	49	---	51	TB3106002-30-40	83751	83751-DD-DV

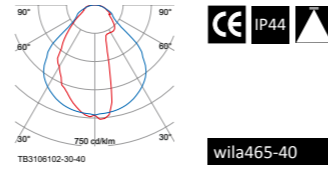
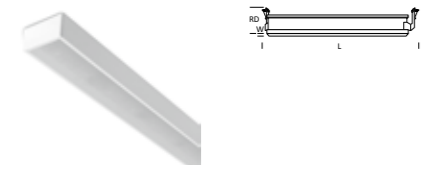
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Linear Prism, 4000 K, Light distribution direct, asymmetric, for ceiling grid 600 mm, 24 mm visual T-grids

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	RD mm	Luminaire	Driver standard-DV	DALI-DV
CRI 80							
LxWxH 1200x24x15 mm							
34 W	1784	52	---	51	TB3106011-30-40	83751	83751-DD-DV
LxWxH 600x24x15 mm							
17 W	892	52	---	51	TB3106001-30-40	83751	83751-DD-DV

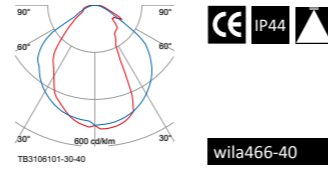
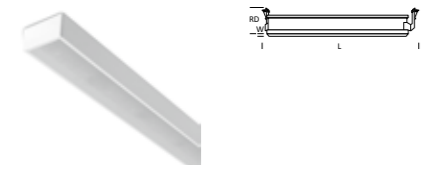
Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com



Linear Prism, 4000 K, Light distribution direct, asymmetric, for ceiling grid 625 mm, 15 mm visual T-grids

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	RD mm	Luminaire	Driver standard-DV	DALI-DV
CRI 80							
LxWxH 1250x15x15 mm							
34 W	1666	49	---	51	TB3106112-30-40	83751	83751-DD-DV
LxWxH 625x15x15 mm							
17 W	833	49	---	51	TB3106102-30-40	83751	83751-DD-DV

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

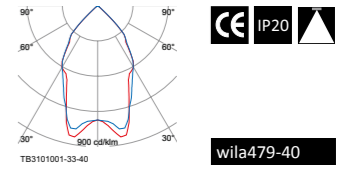
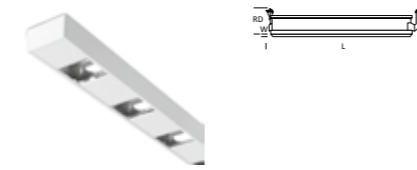


Linear Prism, 4000 K, Light distribution direct, asymmetric, for ceiling grid 625 mm, 24 mm visual T-grids

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	RD mm	Luminaire	Driver standard-DV	DALI-DV
CRI 80							
LxWxH 1250x24x15 mm							
34 W	1784	52	---	51	TB3106111-30-40	83751	83751-DD-DV
LxWxH 625x24x15 mm							
17 W	892	52	---	51	TB3106101-30-40	83751	83751-DD-DV

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

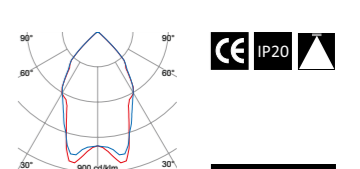
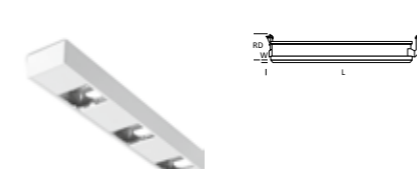
T-BAR



Mini Reflectors, 4000 K, Light distribution direct, for ceiling grid 600 mm, 24 mm visual T-grids

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Driver standard-DV	DALI-DV
CRI 80								
LxWxH 1200x24x15 mm								
34 W	2266	67	---	23	51	TB3101011-33-40	83751	83751-DD-DV
LxWxH 600x24x15 mm								
17 W	1133	67	---	23	51	TB3101001-33-40	83751	83751-DD-DV

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com

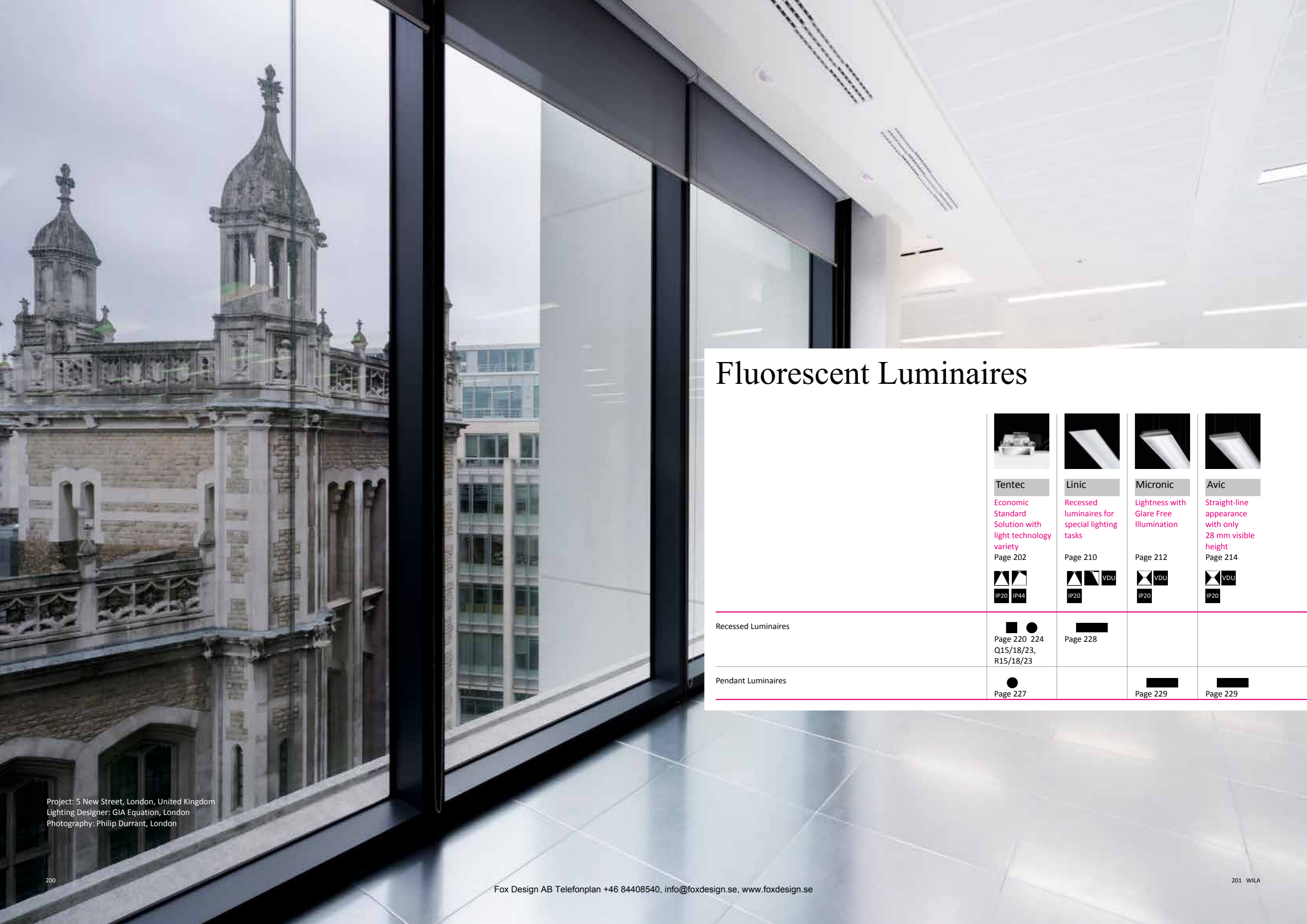


Mini Reflectors, 4000 K, Light distribution direct, for ceiling grid 625 mm, 24 mm visual T-grids

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	Luminaire	Driver standard-DV	DALI-DV
CRI 80								
LxWxH 1250x24x15 mm								
34 W	2266	67	---	23	51	TB3101111-33-40	83751	83751-DD-DV
LxWxH 625x24x15 mm								
17 W	1133	67	---	23	51	TB3101101-33-40	83751	83751-DD-DV

Use index -40 (4000 K) or -30 (3000 K), photometric data in the "products" on www.wila.com





Fluorescent Luminaires



Tentec

Economic Standard Solution with light technology variety
Page 202



IP20 IP44



Linc

Recessed luminaires for special lighting tasks
Page 210



IP20



Micronic

Lightness with Glare Free Illumination
Page 212

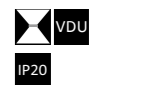


IP20



Avic

Straight-line appearance with only 28 mm visible height
Page 214



IP20

Recessed Luminaires

■ ●
Page 220 224
Q15/18/23,
R15/18/23

■
Page 228

Pendant Luminaires

●
Page 227

■
Page 229

■
Page 229

Tentec

Product Data from Page 220

250 mm Q21

215 mm Q18

185 mm Q15

255 mm R23

210 mm R18

180 mm R15

Safe Support in Ceilings
and quick mounting thanks to
multi-point screw fastening

post anodised reflector made of
pure Aluminium AL 99.8

**Tool-free Liteoptics
Exchange**
through MS-3 Mounting
technique with Safety cord

Lamp holder made of
flame resistant Plastic
according to UL94V-0

Simple installation
in restricted ceiling voids
separate gear tray



Economic Standard Solution

The Tentec family of products provides a comprehensive range of both round and square designs for a multitude of lighting tasks.

Downlights



Wallwasher-Downlights



Downlights with Liteoptics IP20



Halo Optic



Float Glass Screen



Downlights with Louvre IP20



Cross Blade Louvre



Downlights with Liteoptics IP44



Safety Screen



Diffusing Screen



Linic

Product Data from Page 228

3 x 150 mm

Micronic

Product Data from Page 229

40 x 290 mm

Avic

Product Data from Page 229

44 x 260 mm

Visible
28 mm

Linic - Recessed Luminaires for special Lighting Tasks

The classic Linic product range fitted with fluorescent lamps allows surface illumination tools to be combined with wallwashers of the same design.



Variable Seating Arrangements - direction neutral

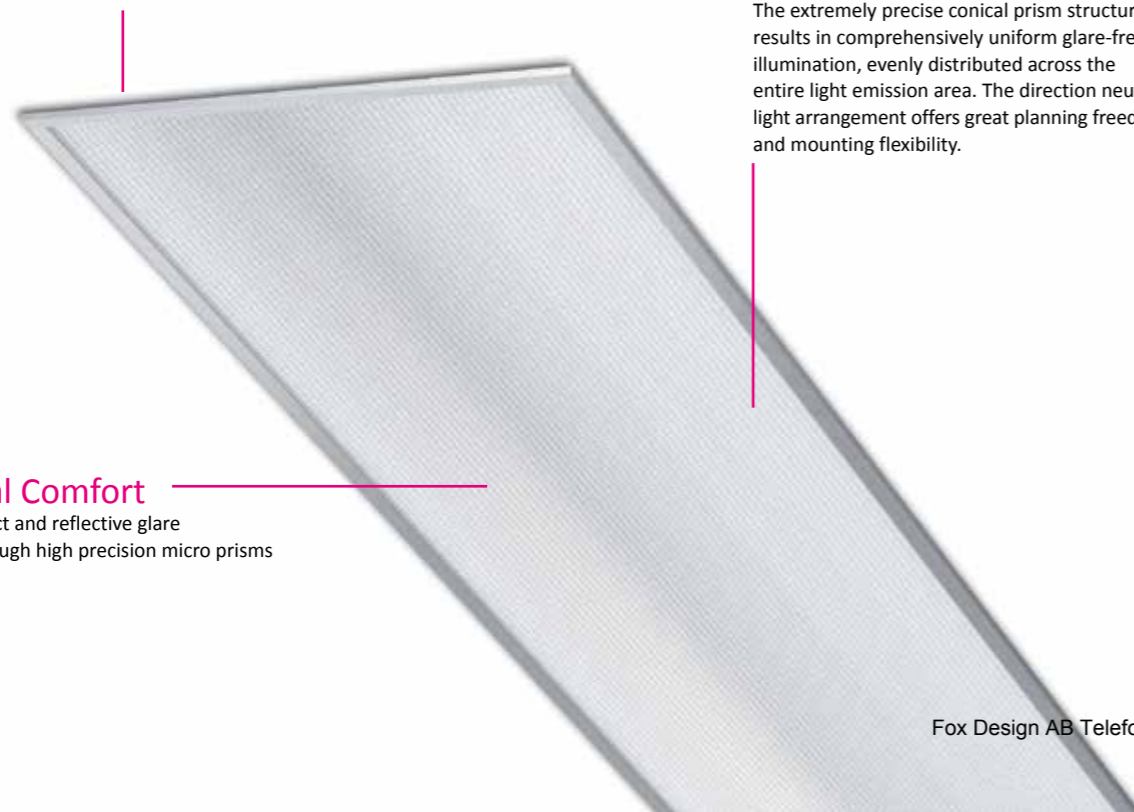
Rooms with fixed and variable seating arrangements. In classrooms or conference rooms the furniture is often changed around according to use - rows, U Shapes or groups of tables. This presents a serious challenge when ensuring that the room is clearly and uniformly lit but glare-free. Luminaires with high precision micro prisms and 360° glare control are especially suitable for this task.

Board Lighting - Wall Washing

In schools the lighting of vertical planes is very important. Wall washers with their asymmetric light distribution are particularly suitable for illuminating boards uniformly.

Harmonious Ceiling Layout

due to standard 150 mm width for both lighting systems



High Visual Comfort

Reduction of direct and reflective glare by up to 40% through high precision micro prisms



Direction neutral Light Arrangement

The extremely precise conical prism structure results in comprehensively uniform glare-free illumination, evenly distributed across the entire light emission area. The direction neutral light arrangement offers great planning freedom and mounting flexibility.



Micronic - Lightness with Glare Free Illumination

The transparent micro-prismatic material makes for an extremely airy look. The lateral prism patterns serve as additional ceiling illumination thereby creating a pleasant room atmosphere.



Ceiling Brightness

Direct / indirect light with side light component for ceiling illumination

Unobtrusive Integration

visible height only 40 mm

Clean Optic

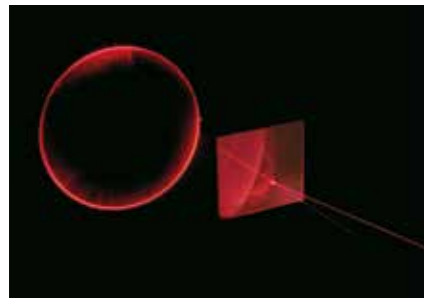
Indirect cover against dirt and for more efficiency

High Visual Comfort

Reduction of direct and reflective glare by up to 40% through high precision micro prisms

Direction neutral Light Arrangement

The extremely precise conical prism structure results in comprehensively uniform glare-free illumination, evenly distributed across the entire light emission area. The direction neutral light arrangement offers great planning freedom and mounting flexibility.



Avic - Straight-line Appearance

The pendant luminaires in this product family are characterised by the highest product quality and simple installation. This timeless pendant luminaire continues to satisfy the demanding requirements of modern offices.



Flat Appearance
visible height only 28 mm

Clear Design Language

die-cast end caps and torsion-resistant aluminium sections with a thin varnish coat, producing a clear-cut appearance.

High Visual Comfort

Reduction of direct and reflective glare by up to 40% through high precision micro prisms



Easy Installation

Flexible attachment of suspension wires for easy positioning of luminaires.





Sympathy with Light

- 1 The dark eye area is a result of the hard shadows cast by direct light from above.
- 2 Purely indirect, diffuse lighting blurs the contours at the expense of clearly recognisable features.
- 3 The mixture of direct and indirect light provides balanced shadows, giving a lively, friendly appearance.

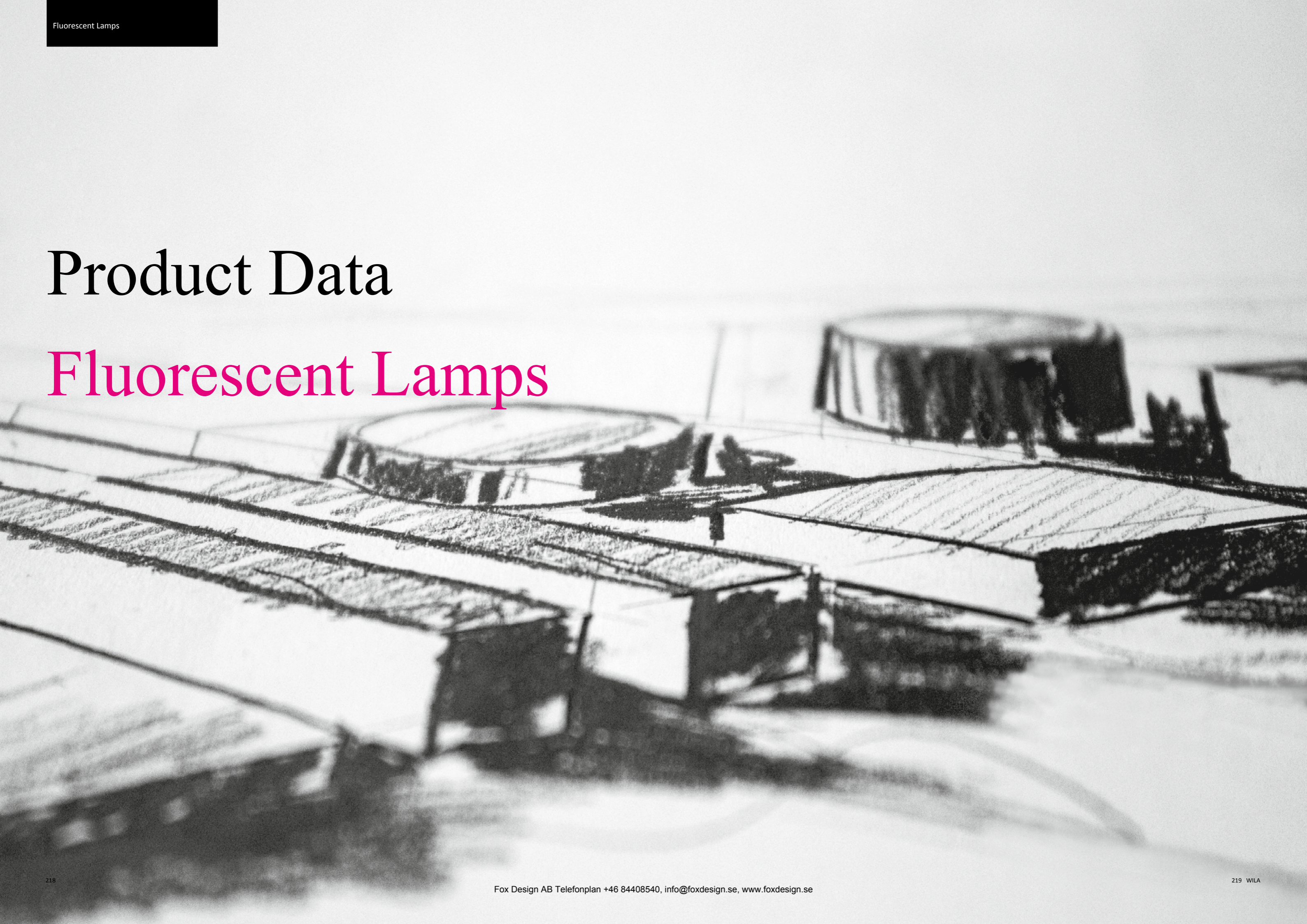
Modeling Indicator

The balance between diffuse and directional light is called modeling. The ideal ratio of horizontal to cylindrical illuminance is between 0.3 and 0.6.

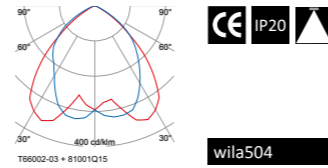
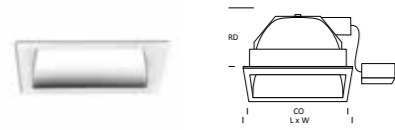


Product Data

Fluorescent Lamps

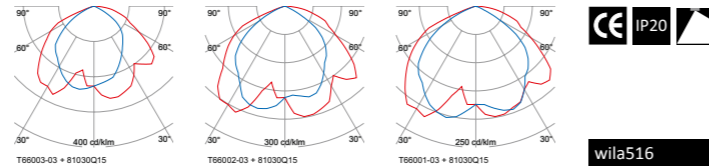
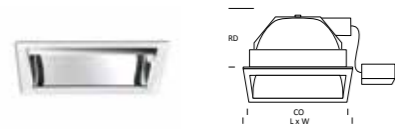


Tentec



Downlight, System Frame, Light distribution direct

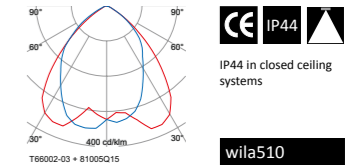
W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Attachment	Mounting Box
Q15, LxW 185x185 mm, CO 170x170 mm										
1 x 13 W	660	44	---	20	100	73 %	T66001-03	-	81001Q15	88085Q15
1 x 18 W	910	46	---	20	100	76 %	T66002-03	T66002-03-DD	81001Q15	88085Q15
1 x 26 W	1360	49	---	20	100	75 %	T66003-03	T66003-03-DD	81001Q15	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm										
1 x 26 W	1360	49	---	22	100	76 %	T66004-03	T66004-03-DD	81001Q18	88085Q18
1 x 32 W	1770	52	---	22	100	74 %	T66005-03	T66005-03-DD	81001Q18	88085Q18
2 x 18 W	1680	42	---	23	100	70 %	T66007-03	T66007-03-DD	81001Q18	88085Q18
2 x 26 W	2480	44	---	24	125	69 %	T66008-03	T66008-03-DD	81001Q18	88085Q18
Q21, LxW 250x250 mm, CO 235x235 mm										
1 x 32 W	1790	53	---	22	125	74 %	T66009-03	T66009-03-DD	81001Q21	88085Q21
1 x 42 W	2520	56	---	22	125	79 %	T66010-03	T66010-03-DD	81001Q21	88085Q21
2 x 18 W	1710	43	---	23	125	71 %	T66011-03	T66011-03-DD	81001Q21	88085Q21
2 x 26 W	2630	47	---	23	150	73 %	T66012-03	T66012-03-DD	81001Q21	88085Q21
2 x 32 W	3330	49	---	24	150	69 %	T66013-03	T66013-03-DD	81001Q21	88085Q21



Wallwasher-Downlight, Light distribution direct, asymmetric

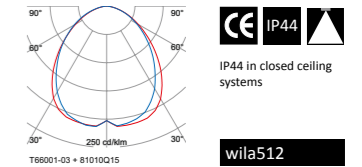
W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
Q15, LxW 185x185 mm, CO 170x170 mm									
1 x 13 W	570	38	---	100	64 %	T66001-03	-	81030Q15	88085Q15
1 x 18 W	830	42	---	100	69 %	T66002-03	T66002-03-DD	81030Q15	88085Q15
1 x 26 W	1300	46	---	100	72 %	T66003-03	T66003-03-DD	81030Q15	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm									
1 x 26 W	1200	43	---	100	67 %	T66004-03	T66004-03-DD	81030Q18	88085Q18
1 x 32 W	1720	51	---	100	72 %	T66005-03	T66005-03-DD	81030Q18	88085Q18
Q21, LxW 250x250 mm, CO 235x235 mm									
1 x 32 W	1690	50	---	125	70 %	T66009-03	T66009-03-DD	81030Q21	88085Q21
1 x 42 W	2420	55	---	125	76 %	T66010-03	T66010-03-DD	81030Q21	88085Q21

Tentec



Downlight with Liteoptic, Safety Screen, Light distribution direct

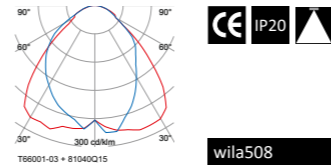
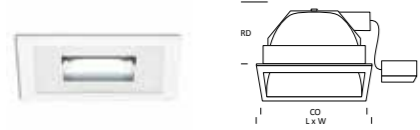
W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
Q15, LxW 185x185 mm, CO 170x170 mm										
1 x 13 W	560	37	<3000	18	100	62 %	T66001-03	-	81005Q15	88085Q15
1 x 18 W	860	43	<3000	18	100	72 %	T66002-03	T66002-03-DD	81005Q15	88085Q15
1 x 26 W	1270	45	---	19	100	71 %	T66003-03	T66003-03-DD	81005Q15	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm										
1 x 26 W	1240	44	---	21	100	69 %	T66004-03	T66004-03-DD	81005Q18	88085Q18
1 x 32 W	1590	47	---	22	100	66 %	T66005-03	T66005-03-DD	81005Q18	88085Q18
2 x 18 W	1510	38	---	22	100	63 %	T66007-03	T66007-03-DD	81005Q18	88085Q18
2 x 26 W	2210	39	---	23	125	61 %	T66008-03	T66008-03-DD	81005Q18	88085Q18
Q21, LxW 250x250 mm, CO 235x235 mm										
1 x 32 W	1670	49	---	21	125	70 %	T66009-03	T66009-03-DD	81005Q21	88085Q21
1 x 42 W	2470	56	---	22	125	77 %	T66010-03	T66010-03-DD	81005Q21	88085Q21
2 x 18 W	1600	40	---	22	125	67 %	T66011-03	T66011-03-DD	81005Q21	88085Q21
2 x 26 W	2450	44	---	23	150	68 %	T66012-03	T66012-03-DD	81005Q21	88085Q21
2 x 32 W	3150	46	---	23	150	66 %	T66013-03	T66013-03-DD	81005Q21	88085Q21



Downlight with Liteoptic, Diffusing Screen, Light distribution direct

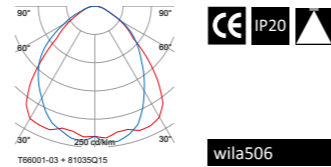
W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
Q15, LxW 185x185 mm, CO 170x170 mm										
1 x 13 W	480	32	---	21	100	53 %	T66001-03	-	81010Q15	88085Q15
1 x 18 W	750	38	---	22	100	63 %	T66002-03	T66002-03-DD	81010Q15	88085Q15
1 x 26 W	1110	40	---	23	100	62 %	T66003-03	T66003-03-DD	81010Q15	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm										
1 x 26 W	1220	44	---	23	100	68 %	T66004-03	T66004-03-DD	81010Q18	88085Q18
1 x 32 W	1550	46	---	24	100	65 %	T66005-03	T66005-03-DD	81010Q18	88085Q18
2 x 18 W	1360	34	---	25	100	56 %	T66007-03	T66007-03-DD	81010Q18	88085Q18
2 x 26 W	2100	38	---	26	125	58 %	T66008-03	T66008-03-DD	81010Q18	88085Q18
Q21, LxW 250x250 mm, CO 235x235 mm										
1 x 32 W	1480	44	---	23	125	62 %	T66009-03	T66009-03-DD	81010Q21	88085Q21
1 x 42 W	2190	50	---	24	125	68 %	T66010-03	T66010-03-DD	81010Q21	88085Q21
2 x 18 W	1400	35	---	23	125	58 %	T66011-03	T66011-03-DD	81010Q21	88085Q21
2 x 26 W	2170	39	---	25	150	60 %	T66012-03	T66012-03-DD	81010Q21	88085Q21
2 x 32 W	2780	41	---	26	150	58 %	T66013-03	T66013-03-DD	81010Q21	88085Q21

Tentec



Downlight with Liteoptic, Halo Optic, Light distribution direct

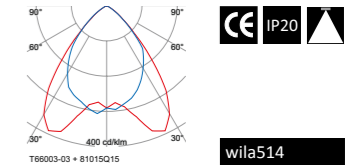
W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
Q15, LxW 185x185 mm, CO 170x170 mm										
1 x 13 W	540	36	---	21	100	60 %	T66001-03	-	81040Q15	88085Q15
1 x 18 W	790	40	---	22	100	66 %	T66002-03	T66002-03-DD	81040Q15	88085Q15
1 x 26 W	1170	42	---	23	100	65 %	T66003-03	T66003-03-DD	81040Q15	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm										
1 x 26 W	1240	44	---	22	100	69 %	T66004-03	T66004-03-DD	81040Q18	88085Q18
1 x 32 W	1640	48	---	23	100	68 %	T66005-03	T66005-03-DD	81040Q18	88085Q18
2 x 18 W	1480	37	---	24	100	62 %	T66007-03	T66007-03-DD	81040Q18	88085Q18
2 x 26 W	2280	41	---	25	125	63 %	T66008-03	T66008-03-DD	81040Q18	88085Q18
Q21, LxW 250x250 mm, CO 235x235 mm										
1 x 32 W	1570	46	---	23	125	65 %	T66009-03	T66009-03-DD	81040Q21	88085Q21
1 x 42 W	2260	51	---	24	125	71 %	T66010-03	T66010-03-DD	81040Q21	88085Q21
2 x 18 W	1500	38	---	23	125	62 %	T66011-03	T66011-03-DD	81040Q21	88085Q21
2 x 26 W	2240	40	---	24	150	62 %	T66012-03	T66012-03-DD	81040Q21	88085Q21
2 x 32 W	2880	42	---	25	150	60 %	T66013-03	T66013-03-DD	81040Q21	88085Q21



Downlight with Liteoptic, Float Glass Screen, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
Q15, LxW 185x185 mm, CO 170x170 mm										
1 x 13 W	490	33	---	20	100	55 %	T66001-03	-	81035Q15	88085Q15
1 x 18 W	750	38	---	21	100	62 %	T66002-03	T66002-03-DD	81035Q15	88085Q15
1 x 26 W	1100	39	---	22	100	61 %	T66003-03	T66003-03-DD	81035Q15	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm										
1 x 26 W	1170	42	---	22	100	65 %	T66004-03	T66004-03-DD	81035Q18	88085Q18
1 x 32 W	1490	44	---	23	100	62 %	T66005-03	T66005-03-DD	81035Q18	88085Q18
2 x 18 W	1320	33	---	24	100	55 %	T66007-03	T66007-03-DD	81035Q18	88085Q18
2 x 26 W	2030	36	---	25	125	56 %	T66008-03	T66008-03-DD	81035Q18	88085Q18
Q21, LxW 250x250 mm, CO 235x235 mm										
1 x 32 W	1460	43	---	22	125	61 %	T66009-03	T66009-03-DD	81035Q21	88085Q21
1 x 42 W	2080	47	---	23	125	65 %	T66010-03	T66010-03-DD	81035Q21	88085Q21
2 x 18 W	1370	34	---	23	125	57 %	T66011-03	T66011-03-DD	81035Q21	88085Q21
2 x 26 W	2090	37	---	24	150	58 %	T66012-03	T66012-03-DD	81035Q21	88085Q21
2 x 32 W	2640	39	---	24	150	55 %	T66013-03	T66013-03-DD	81035Q21	88085Q21

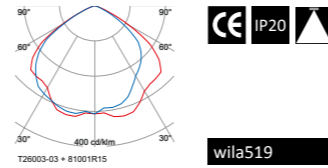
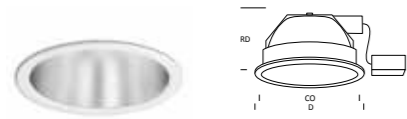
Tentec



Downlight with louvre, Cross Blade Louvre, Light distribution direct

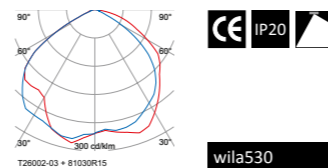
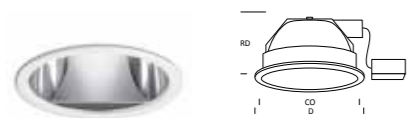
W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
Q15, LxW 185x185 mm, CO 170x170 mm										
1 x 13 W	500	33	<1000	17	100	56 %	T66001-03	-	81015Q15	88085Q15
1 x 18 W	710	36	<1000	18	100	59 %	T66002-03	T66002-03-DD	81015Q15	88085Q15
1 x 26 W	1070	38	<1000	19	100	59 %	T66003-03	T66003-03-DD	81015Q15	88085Q15
Q18, LxW 215x215 mm, CO 200x200 mm										
1 x 26 W	1230	44	<3000	20	100	68 %	T66004-03	T66004-03-DD	81015Q18	88085Q18
1 x 32 W	1560	46	<3000	21	100	65 %	T66005-03	T66005-03-DD	81015Q18	88085Q18
2 x 18 W	1430	36	<3000	21	100	60 %	T66007-03	T66007-03-DD	81015Q18	88085Q18
2 x 26 W	2140	38	---	22	125	59 %	T66008-03	T66008-03-DD	81015Q18	88085Q18
Q21, LxW 250x250 mm, CO 235x235 mm										
1 x 32 W	1500	44	<1500	19	125	63 %	T66009-03	T66009-03-DD	81015Q21	88085Q21
1 x 42 W	2130	48	<1500	20	125	67 %	T66010-03	T66010-03-DD	81015Q21	88085Q21
2 x 18 W	1490	37	<1500	19	125	62 %	T66011-03	T66011-03-DD	81015Q21	88085Q21
2 x 26 W	2260	40	<3000	21	150	63 %	T66012-03	T66012-03-DD	81015Q21	88085Q21
2 x 32 W	2910	43	<3000	21	150	61 %	T66013-03	T66013-03-DD	81015Q21	88085Q21

Tentec



Downlight, System Ring, Light distribution direct

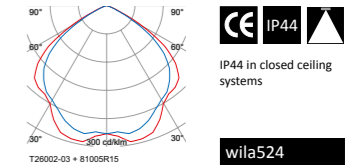
W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Attachment	Mounting Box
R15, D 180 mm, CO 165 mm										
1 x 13 W	640	43	---	23	100	72 %	T26001-03	-	81001R15	88080R15
1 x 18 W	900	45	---	23	100	75 %	T26002-03	T26002-03-DD	81001R15	88080R15
1 x 26 W	1420	51	---	23	100	79 %	T26003-03	T26003-03-DD	81001R15	88080R15
R18, D 210 mm, CO 195 mm										
1 x 26 W	1480	53	---	23	100	82 %	T26004-03	T26004-03-DD	81001R18	88080R18
1 x 32 W	2000	57	---	23	100	83 %	T26005-03	T26005-03-DD	81001R18	88080R18
2 x 18 W	1740	44	---	24	100	72 %	T26007-03	T26007-03-DD	81001R18	88080R18
2 x 26 W	2680	48	---	24	125	74 %	T26008-03	T26008-03-DD	81001R18	88080R18
R23, D 255 mm, CO 240 mm										
1 x 32 W	1980	58	<3000	21	125	83 %	T26009-03	T26009-03-DD	81001R23	88045R23
1 x 42 W	2580	59	<3000	20	125	81 %	T26010-03	T26010-03-DD	81001R23	88045R23
2 x 18 W	1650	41	<1500	20	125	69 %	T26011-03	T26011-03-DD	81001R23	88045R23
2 x 26 W	2510	45	<3000	22	150	70 %	T26012-03	T26012-03-DD	81001R23	88045R23
2 x 32 W	3530	52	---	23	175	74 %	T26013-03	T26013-03-DD	81001R23	88045R23



Wallwasher-Downlight, Light distribution direct, asymmetric

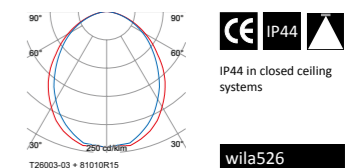
W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
R15, D 180 mm, CO 165 mm									
1 x 13 W	660	44	---	100	74 %	T26001-03	-	81030R15	88080R15
1 x 18 W	860	43	---	100	72 %	T26002-03	T26002-03-DD	81030R15	88080R15
1 x 26 W	1290	46	---	100	72 %	T26003-03	T26003-03-DD	81030R15	88080R15
R18, D 210 mm, CO 195 mm									
1 x 26 W	1250	45	---	100	70 %	T26004-03	T26004-03-DD	81030R18	88080R18
1 x 32 W	1580	46	---	100	66 %	T26005-03	T26005-03-DD	81030R18	88080R18
R23, D 255 mm, CO 240 mm									
1 x 32 W	1730	51	---	125	72 %	T26009-03	T26009-03-DD	81030R23	88045R23
1 x 42 W	2260	51	---	125	70 %	T26010-03	T26010-03-DD	81030R23	88045R23

Tentec



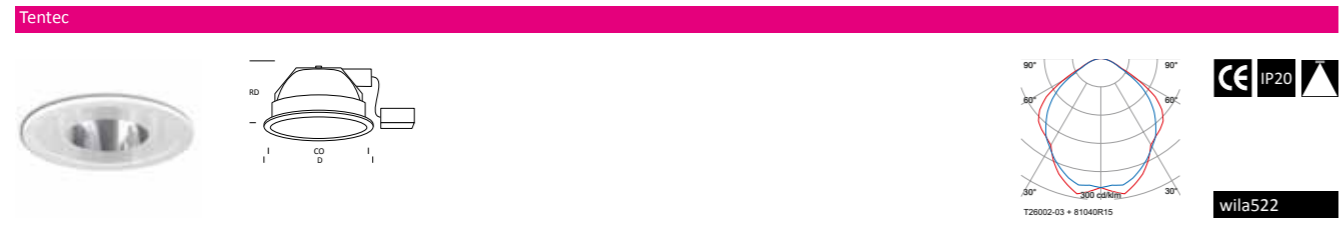
Downlight with Liteoptic, Safety Screen, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
R15, D 180 mm, CO 165 mm										
1 x 13 W	630	42	---	21	100	70 %	T26001-03	-	81005R15	88080R15
1 x 18 W	810	41	---	22	100	68 %	T26002-03	T26002-03-DD	81005R15	88080R15
1 x 26 W	1220	44	---	23	100	68 %	T26003-03	T26003-03-DD	81005R15	88080R15
R18, D 210 mm, CO 195 mm										
1 x 26 W	1310	47	---	22	100	73 %	T26004-03	T26004-03-DD	81005R18	88080R18
1 x 32 W	1530	45	---	23	100	64 %	T26005-03	T26005-03-DD	81005R18	88080R18
2 x 18 W	1490	37	---	24	100	62 %	T26007-03	T26007-03-DD	81005R18	88080R18
2 x 26 W	2180	39	---	25	125	61 %	T26008-03	T26008-03-DD	81005R18	88080R18
R23, D 255 mm, CO 240 mm										
1 x 32 W	1760	52	<1500	20	125	73 %	T26009-03	T26009-03-DD	81005R23	88045R23
1 x 42 W	2310	53	<3000	21	125	72 %	T26010-03	T26010-03-DD	81005R23	88045R23
2 x 18 W	1530	38	<1500	20	125	64 %	T26011-03	T26011-03-DD	81005R23	88045R23
2 x 26 W	2330	42	<3000	21	150	65 %	T26012-03	T26012-03-DD	81005R23	88045R23
2 x 32 W	3240	48	<3000	23	175	68 %	T26013-03	T26013-03-DD	81005R23	88045R23



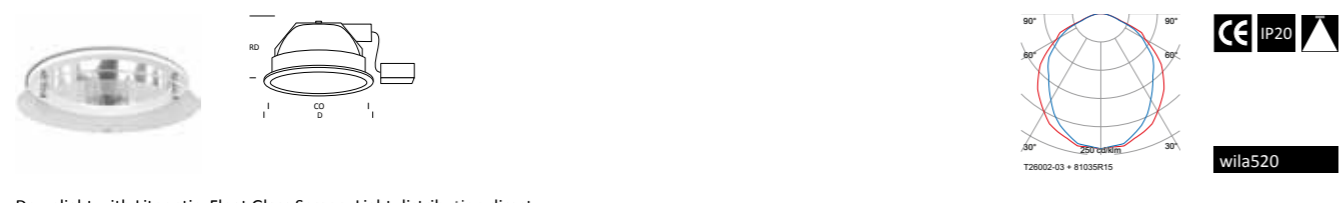
Downlight with Liteoptic, Diffusing Screen, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
R15, D 180 mm, CO 165 mm										
1 x 13 W	510	34	---	24	100	57 %	T26001-03	-	81010R15	88080R15
1 x 18 W	680	34	---	24	100	57 %	T26002-03	T26002-03-DD	81010R15	88080R15
1 x 26 W	1030	37	---	25	100	57 %	T26003-03	T26003-03-DD	81010R15	88080R15
R18, D 210 mm, CO 195 mm										
1 x 26 W	1130	40	---	25	100	63 %	T26004-03	T26004-03-DD	81010R18	88080R18
1 x 32 W	1320	39	---	25	100	55 %	T26005-03	T26005-03-DD	81010R18	88080R18
2 x 18 W	1150	29	---	25	100	48 %	T26007-03	T26007-03-DD	81010R18	88080R18
2 x 26 W	1870	33	---	26	125	52 %	T26008-03	T26008-03-DD	81010R18	88080R18
R23, D 255 mm, CO 240 mm										
1 x 32 W	1470	43	---	23	125	61 %	T26009-03	T26009-03-DD	81010R23	88045R23
1 x 42 W	1900	43	---	24	125	59 %	T26010-03	T26010-03-DD	81010R23	88045R23
2 x 18 W	1340	34	---	23	125	56 %	T26011-03	T26011-03-DD	81010R23	88045R23
2 x 26 W	2010	36	---	24	150	56 %	T26012-03	T26012-03-DD	81010R23	88045R23
2 x 32 W	2680	39	---	25	175	56 %	T26013-03	T26013-03-DD	81010R23	88045R23



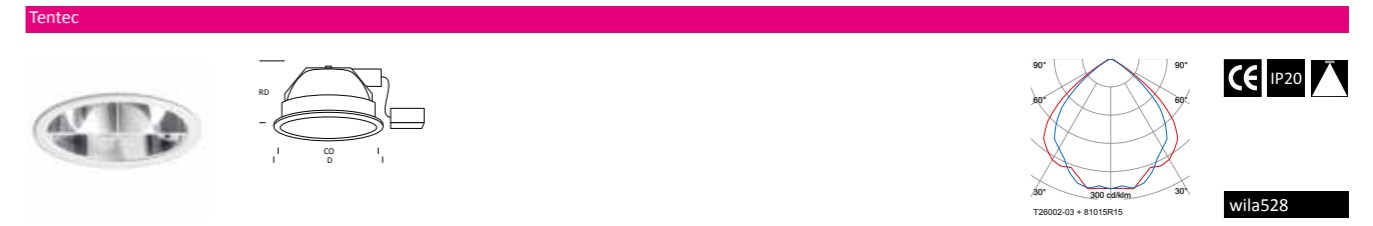
Downlight with Liteoptic, Halo Optic, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
R15, D 180 mm, CO 165 mm										
1 x 13 W	600	40	---	22	100	67 %	T26001-03	-	81040R15	88080R15
1 x 18 W	790	40	---	23	100	66 %	T26002-03	T26002-03-DD	81040R15	88080R15
1 x 26 W	1180	42	---	25	100	66 %	T26003-03	T26003-03-DD	81040R15	88080R15
R18, D 210 mm, CO 195 mm										
1 x 26 W	1200	43	---	23	100	67 %	T26004-03	T26004-03-DD	81040R18	88080R18
1 x 32 W	1470	43	---	24	100	61 %	T26005-03	T26005-03-DD	81040R18	88080R18
2 x 18 W	1370	34	---	24	100	57 %	T26007-03	T26007-03-DD	81040R18	88080R18
2 x 26 W	1980	35	---	25	125	55 %	T26008-03	T26008-03-DD	81040R18	88080R18
R23, D 255 mm, CO 240 mm										
1 x 32 W	1530	45	---	23	125	64 %	T26009-03	T26009-03-DD	81040R23	88045R23
1 x 42 W	2000	45	---	24	125	62 %	T26010-03	T26010-03-DD	81040R23	88045R23
2 x 18 W	1350	34	---	22	125	56 %	T26011-03	T26011-03-DD	81040R23	88045R23
2 x 26 W	2060	37	---	24	150	57 %	T26012-03	T26012-03-DD	81040R23	88045R23
2 x 32 W	2970	44	---	25	175	62 %	T26013-03	T26013-03-DD	81040R23	88045R23



Downlight with Liteoptic, Float Glass Screen, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
R15, D 180 mm, CO 165 mm										
1 x 13 W	550	37	---	25	100	61 %	T26001-03	-	81035R15	88080R15
1 x 18 W	720	36	---	24	100	60 %	T26002-03	T26002-03-DD	81035R15	88080R15
1 x 26 W	1080	39	---	25	100	60 %	T26003-03	T26003-03-DD	81035R15	88080R15
R18, D 210 mm, CO 195 mm										
1 x 26 W	1100	39	---	25	100	61 %	T26004-03	T26004-03-DD	81035R18	88080R18
1 x 32 W	1220	36	---	26	100	51 %	T26005-03	T26005-03-DD	81035R18	88080R18
2 x 18 W	1080	27	---	25	100	45 %	T26007-03	T26007-03-DD	81035R18	88080R18
2 x 26 W	1800	32	---	27	125	50 %	T26008-03	T26008-03-DD	81035R18	88080R18
R23, D 255 mm, CO 240 mm										
1 x 32 W	1380	41	---	24	125	57 %	T26009-03	T26009-03-DD	81035R23	88045R23
1 x 42 W	1900	43	---	25	125	59 %	T26010-03	T26010-03-DD	81035R23	88045R23
2 x 18 W	1250	31	---	24	125	52 %	T26011-03	T26011-03-DD	81035R23	88045R23
2 x 26 W	1870	33	---	25	150	52 %	T26012-03	T26012-03-DD	81035R23	88045R23
2 x 32 W	2620	39	---	26	175	55 %	T26013-03	T26013-03-DD	81035R23	88045R23



Downlight with louvre, Cross Blade Louvre, Light distribution direct

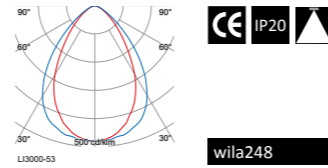
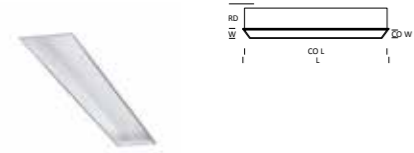
W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI	Liteoptic	Mounting Box
R15, D 180 mm, CO 165 mm										
1 x 13 W	460	31	<1000	18	100	52 %	T26001-03	-	81015R15	88080R15
1 x 18 W	650	33	<1500	19	100	54 %	T26002-03	T26002-03-DD	81015R15	88080R15
1 x 26 W	920	33	<3000	20	100	51 %	T26003-03	T26003-03-DD	81015R15	88080R15
R18, D 210 mm, CO 195 mm										
1 x 26 W	980	35	<1500	19	100	54 %	T26004-03	T26004-03-DD	81015R18	88080R18
1 x 32 W	1190	35	<3000	20	100	50 %	T26005-03	T26005-03-DD	81015R18	88080R18
2 x 18 W	1150	29	<1000	20	100	48 %	T26007-03	T26007-03-DD	81015R18	88080R18
2 x 26 W	1660	30	<1500	22	125	46 %	T26008-03	T26008-03-DD	81015R18	88080R18
R23, D 255 mm, CO 240 mm										
1 x 32 W	1460	43	<1000	17	125	61 %	T26009-03	T26009-03-DD	81015R23	88045R23
1 x 42 W	1900	43	<1000	18	125	59 %	T26010-03	T26010-03-DD	81015R23	88045R23
2 x 18 W	1230	31	<1000	17	125	51 %	T26011-03	T26011-03-DD	81015R23	88045R23
2 x 26 W	1910	34	<1000	19	150	53 %	T26012-03	T26012-03-DD	81015R23	88045R23
2 x 32 W	2670	39	<1000	20	175	56 %	T26013-03	T26013-03-DD	81015R23	88045R23



Sphere, Light distribution direct/indirect

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	η LB	Luminaire standard	DALI
D 300 mm							
1 x 26 W	1220	44	<1500	16	68 %	T1511-30	T1511-30-DD
1 x 32 W	1620	48	<3000	17	68 %	T1512-30	T1512-30-DD
D 400 mm							
1 x 42 W	2170	49	<1500	16	68 %	T1514-30	T1514-30-DD
2 x 26 W	2440	44	<3000	17	68 %	T1515-30	T1515-30-DD
2 x 32 W	3250	48	<3000	18	68 %	T1516-30	T1516-30-DD
D 450 mm							
2 x 26 W	2440	44	<1500	16	68 %	T1517-30	T1517-30-DD
2 x 32 W	3250	48	<3000	17	68 %	T1518-30	T1518-30-DD
2 x 42 W	4330	52	<3000	18	68 %	T1519-30	T1519-30-DD

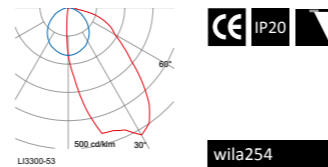
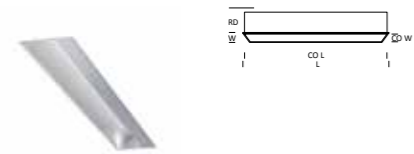
Linic 150



wila248

Micro Prism, Light distribution direct

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	RD mm	η LB	Luminaire standard	DALI
LxW 1240x165 mm, CO 1230x155 mm								
1 x 28 W	1860	58	<1000	15	115	72 %	LI3000-53	LI3000-53-DD
1 x 54 W	3480	60	<3000	17	115	72 %	LI3003-53	LI3003-53-DD
2 x 28 W	2910	45	<3000	16	115	56 %	LI3005-53	LI3005-53-DD
2 x 54 W	5430	47	<3000	19	115	56 %	LI3008-53	LI3008-53-DD
LxW 1540x165 mm, CO 1530x155 mm								
1 x 35 W	2370	61	<1500	15	115	72 %	LI3001-53	LI3001-53-DD
1 x 49 W	3410	64	<1500	16	115	72 %	LI3002-53	LI3002-53-DD
1 x 80 W	4880	58	<3000	17	115	72 %	LI3004-53	LI3004-53-DD
2 x 35 W	3700	47	<3000	16	115	56 %	LI3006-53	LI3006-53-DD
2 x 49 W	5320	50	<3000	18	115	56 %	LI3007-53	LI3007-53-DD
2 x 80 W	7620	45	---	19	115	56 %	LI3009-53	LI3009-53-DD

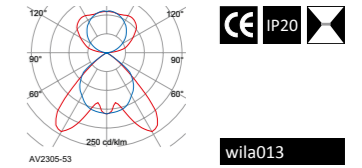
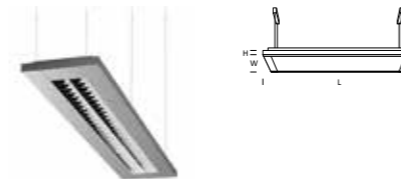


wila254

Wallwasher, Light distribution direct, asymmetric

W	Llm	Llm/W	RD mm	η LB	Luminaire standard	DALI
LxW 1240x165 mm, CO 1230x155 mm						
1 x 28 W	1770	55	115	68 %	LI3300-53	LI3300-53-DD
1 x 54 W	3300	57	115	68 %	LI3303-53	LI3303-53-DD
LxW 1540x165 mm, CO 1530x155 mm						
1 x 35 W	2250	58	115	68 %	LI3301-53	LI3301-53-DD
1 x 49 W	3230	61	115	68 %	LI3302-53	LI3302-53-DD
1 x 80 W	4630	55	115	68 %	LI3304-53	LI3304-53-DD

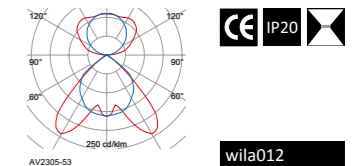
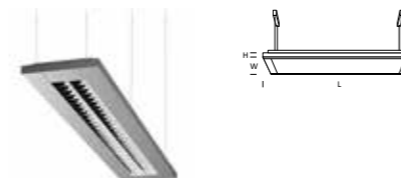
Avic



wila013

Parabolic Louvre, Light distribution direct/indirect, with integrated daylight control and present detection

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	η LB	Luminaire -PT	Suspension set Y	Suspension set Parallel
LxWxH 1350x260x44 mm								
2 x 28 W	4210	66	<1000	13	81 %	AV2305-53-PT	80302	80711
2 x 54 W	7300	63	<1000	15	82 %	AV2308-53-PT	80302	80711
LxWxH 1650x260x44 mm								
2 x 35 W	5350	69	<1000	13	81 %	AV2306-53-PT	80302	80711
2 x 49 W	6970	66	<1000	14	81 %	AV2307-53-PT	80302	80711
2 x 80 W	9840	59	<1500	15	80 %	AV2309-53-PT	80302	80711

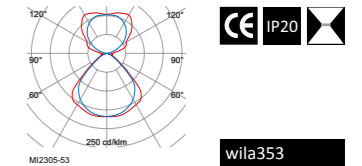
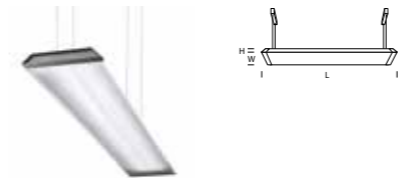


wila012

Parabolic Louvre, Light distribution direct/indirect

W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	η LB	Luminaire standard	DALI	Suspension set Y standard	DALI	Suspension set Parallel standard	DALI
LxWxH 1350x260x44 mm											
2 x 28 W	4210	66	<1000	13	81 %	AV2305-53	AV2305-53-DD	80301	80302	80710	80711
2 x 54 W	7300	63	<1000	15	82 %	AV2308-53	AV2308-53-DD	80301	80302	80710	80711
LxWxH 1650x260x44 mm											
2 x 35 W	5350	69	<1000	13	81 %	AV2306-53	AV2306-53-DD	80301	80302	80710	80711
2 x 49 W	6970	66	<1000	14	81 %	AV2307-53	AV2307-53-DD	80301	80302	80710	80711
2 x 80 W	9840	59	<1500	15	80 %	AV2309-53	AV2309-53-DD	80301	80302	80710	80711

Micronic



wila353

Micro Prism, Light distribution direct/indirect

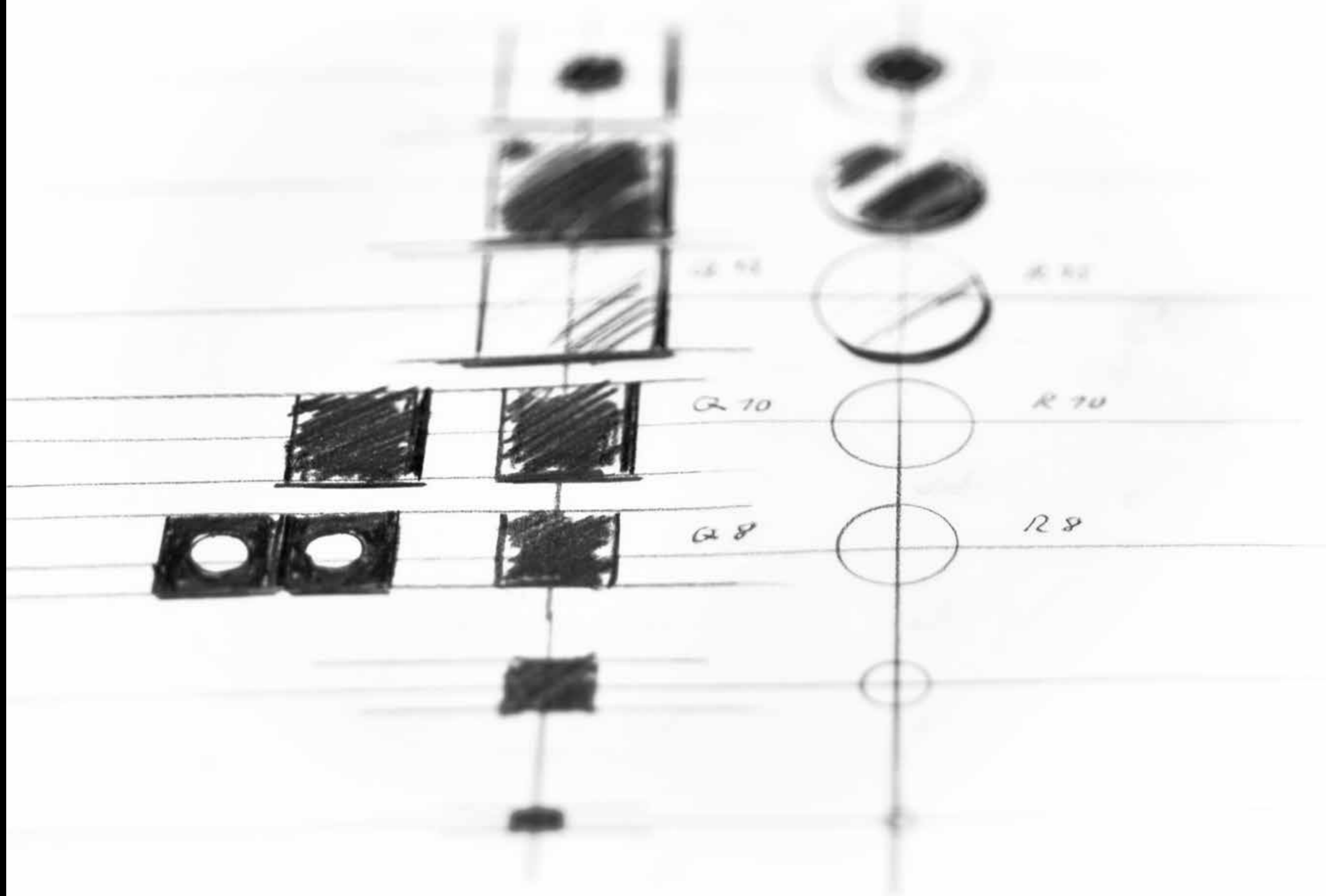
W	Llm	Llm/W	$\gamma \geq 65^\circ$ cd/m ²	UGR	η LB	Luminaire standard	DALI	Suspension set Y standard	DALI	Suspension set Parallel standard	DALI
LxWxH 1215x290x40 mm											
2 x 28 W	3870	60	<1000	9	74 %	MI2305-53	MI2305-53-DD	80750	80751	80777	80778
2 x 54 W	6620	57	<3000	11	74 %	MI2308-53	MI2308-53-DD	80750	80751	80777	80778
LxWxH 1515x290x40 mm											
2 x 35 W	5140	66	<1000	9	78 %	MI2306-53	MI2306-53-DD	80750	80751	80777	80778
2 x 49 W	6710	63	<1500	10	78 %	MI2307-53	MI2307-53-DD	80750	80751	80777	80778
2 x 80 W	9600	57	<3000	12	78 %	MI2309-53	MI2309-53-DD	80750	80751	80777	80778

Attachments

Lighting Techniques [Page 232](#)

Operation Techniques [Page 238](#)

Mounting Techniques [Page 242](#)



Lighting Technology: functional

WILA optical attachments direct the light precisely, emitting soft, diffused light into the room, either illuminating the ceiling or making the light visible. Optical attachments can also upgrade the mode of protection of the luminaire to IP44 from below in closed ceiling systems. Due to the modular set-up of WILA luminaires optical attachments can also subsequently be exchanged when room purposes change.



Project: Baader Bank, Unterschleißheim, Germany
Architecture: Architekturbüro Baader, Gräfeling
Planning: Ingenieurbüro Pfeuffer, Munich
Photography: Foto Krumnow, Bannewitz

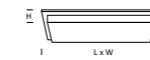


Project: Gasteig Munich, Germany
Lighting Design: Ulrike Brandt Licht, Munich
Photography: Hustedt network, Hamburg



Project: Barnim Gymnasium Bernau, Germany
Architecture: Döllinger Architekten, Bernau
Planning: Ingenieurbüro Ziesche, Panketal
Photography: Werner Huthmacher, Berlin

Liteoptic, f3 Mounting Technique



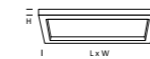
Clear Carré, square, IP44, f3

Size	L mm	W mm	H mm	suitable for	Product
Q15	156	156	20	alphabet zono	86011Q15
Q18	186	186	20	alphabet zono	86011Q18



Clear Disc, round, IP44, f3

Size	D mm	H mm	suitable for	Product
R15	151	20	alphabet zono	86011R15
R18	181	20	alphabet zono	86011R18



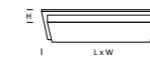
Corona Carré, square, IP20, f3

Size	L mm	W mm	H mm	suitable for	Product
Q15	156	156	20	alphabet zono	86123Q15
Q18	186	186	20	alphabet zono	86123Q18



Corona Ring, round, IP20, f3

Size	D mm	H mm	suitable for	Product
R15	151	20	alphabet zono	86123R15
R18	181	20	alphabet zono	86123R18



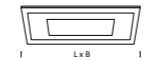
Soft Carré, square, IP44, f3

Size	L mm	W mm	H mm	suitable for	Product
Q15	156	156	20	alphabet zono	86009Q15
Q18	186	186	20	alphabet zono	86009Q18



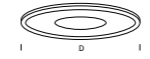
Soft Disc, round, IP44, f3

Size	D mm	H mm	suitable for	Product
R15	151	20	alphabet zono	86009R15
R18	181	20	alphabet zono	86009R18



Halo Optic, square, IP20, f3

Size	L mm	W mm	suitable for	Product
Q15	156	156	alphabet zono	86927Q15
Q18	186	186	alphabet zono	86927Q18



Halo Optic, round, IP20, f3

Size	D mm	suitable for	Product
R15	151	alphabet zono	86927R15
R18	181	alphabet zono	86927R18

Liteoptic, f3 Mounting Technique



Safety Screen, square, IP44, f3

Size	L mm	W mm	suitable for	Product
Q08	81	81	alphabet spectra	83815Q08-20
Q08	81	81	alphabet spectra	83815Q08-40
Q08	81	81	alphabet spectra	83815Q08-60
Q10	106	106	alphabet spectra	83815Q10-20
Q10	106	106	alphabet spectra	83815Q10-40
Q10	106	106	alphabet spectra	83815Q10-60
Q08	81	81	Tentec Accent	83817Q08-20
Q08	81	81	Tentec Accent	83817Q08-40
Q08	81	81	Tentec Accent	83817Q08-60
Q10	106	106	Tentec Accent	83817Q10-20
Q10	106	106	Tentec Accent	83817Q10-40
Q10	106	106	Tentec Accent	83817Q10-60
Q15	159	159	alphabet zono	83818Q15
Q18	189	189	alphabet zono	83818Q18



Safety Screen, round, IP44, f3

Size	D mm	suitable for	Product
R08	84	alphabet spectra	83815R08-20
R08	84	alphabet spectra	83815R08-40
R08	84	alphabet spectra	83815R08-60
R10	109	alphabet spectra	83815R10-20
R10	109	alphabet spectra	83815R10-40
R10	109	alphabet spectra	83815R10-60
R08	84	Tentec Accent	83817R08-20
R08	84	Tentec Accent	83817R08-40
R08	84	Tentec Accent	83817R08-60
R10	109	Tentec Accent	83817R10-20
R10	109	Tentec Accent	83817R10-40
R10	109	Tentec Accent	83817R10-60
R15	154	alphabet zono	83818R15
R18	184	alphabet zono	83818R18



Diffusing Screen, square, IP44, f3

Size	L mm	W mm	suitable for	Product
Q08	81	81	alphabet spectra	86206Q08
Q10	106	106	alphabet spectra	86206Q10
Q15	159	159	alphabet zono	86206Q15
Q18	189	189	alphabet zono	86206Q18
Q08	81	81	Tentec Accent	86207Q08
Q10	106	106	Tentec Accent	86207Q10



Diffusing Screen, round, IP44, f3

Size	D mm	suitable for	Product
R08	84	alphabet spectra	86206R08
R10	109	alphabet spectra	86206R10
R15	154	alphabet zono	86206R15
R18	184	alphabet zono	86206R18
R08	84	Tentec Accent	86207R08
R10	109	Tentec Accent	86207R10



Recessed Disc, square, IP44, f3

Size	L mm	W mm	suitable for	Product
Q15	156	186	alphabet zono	86012Q15
Q18	156	186	alphabet zono	86012Q18



Recessed Disc, round, IP44, f3

Size	D mm	suitable for	Product
R15	151	alphabet zono	86012R15
R18	181	alphabet zono	86012R18

Liteoptic, MS-3 Mounting Technique



Corona Carré, square, IP20, MS-3

Size	L mm	W mm	H mm	suitable for	Product
Q15	185	185	20	Tentec, Tentec zono	86141Q15
Q18	215	215	20	Tentec, Tentec zono	86141Q18



Corona Ring, round, IP20, MS-3

Size	D mm	H mm	suitable for	Product
R15	180	20	Tentec, Tentec zono	86121R15
R18	210	20	Tentec, Tentec zono	86121R18



Float Glass Screen with cover frame, square, IP20, MS-3

Size	L mm	W mm	H mm	suitable for	Product
Q15	210	210	35	Tentec, Tentec zono	85221Q15
Q18	240	240	35	Tentec, Tentec zono	85221Q18



Float Glass Screen with cover ring, round, IP20, MS-3

Size	D mm	H mm	suitable for	Product
R15	220	35	Tentec, Tentec zono	86221R15
R18	250	35	Tentec, Tentec zono	86221R18



Float Glass Screen, square, IP20, MS-3

Size	L mm	W mm	H mm	suitable for	Product
Q15	210	210	24	Tentec, Tentec zono	81035Q15
Q18	240	240	24	Tentec, Tentec zono	81035Q18
Q21	275	275	24	Tentec, Tentec zono	81035Q21



Float Glass Screen, round, IP20, MS-3

Size	D mm	H mm	suitable for	Product
R15	217	24	Tentec, Tentec zono	81035R15
R18	249	24	Tentec, Tentec zono	81035R18
R23	295	24	Tentec, Tentec zono	81035R23



Cross Blade Louvre, square, IP20, MS-3

Size	L mm	W mm	H mm	suitable for	Product
Q15	185	185	5	Tentec	81015Q15
Q18	215	215	5	Tentec	81015Q18
Q21	250	250	5	Tentec	81015Q21



Cross Blade Louvre, round, IP20, MS-3

Size	D mm	H mm	suitable for	Product
R15	180	5	Tentec	81015R15
R18	210	5	Tentec	81015R18
R23	255	5	Tentec	81015R23

Liteoptic, MS-3 Mounting Technique



Halo Optic, square, IP20, MS-3

Size	L mm	W mm	H mm	suitable for	Product
Q15	185	185	10	Tentec, Tentec zono	81040Q15
Q18	215	215	10	Tentec, Tentec zono	81040Q18
Q21	250	250	10	Tentec, Tentec zono	81040Q21



Halo Optic, round, IP20, MS-3

Size	D mm	H mm	suitable for	Product
R15	180	10	Tentec, Tentec zono	81040R15
R18	210	10	Tentec, Tentec zono	81040R18
R23	255	10	Tentec, Tentec zono	81040R23



Safety Screen, square, IP44, MS-3

Size	L mm	W mm	H mm	suitable for	Product
Q15	185	185	10	Tentec, Tentec zono	81005Q15
Q18	215	215	10	Tentec, Tentec zono	81005Q18
Q21	250	250	10	Tentec, Tentec zono	81005Q21



Safety Screen, round, IP44, MS-3

Size	D mm	H mm	suitable for	Product
R15	180	10	Tentec, Tentec zono	81005R15
R18	210	10	Tentec, Tentec zono	81005R18
R23	255	10	Tentec, Tentec zono	81005R23



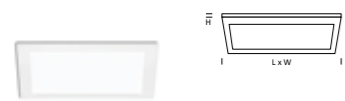
Soft Carré, square, IP44, MS-3

Size	L mm	W mm	H mm	suitable for	Product
Q15	185	185	25	Tentec, Tentec zono	86006Q15
Q18	215	215	25	Tentec, Tentec zono	86006Q18



Soft Disc, round, IP44, MS-3

Size	D mm	H mm	suitable for	Product
R15	180	25	Tentec, Tentec zono	86006R15
R18	210	25	Tentec, Tentec zono	86006R18



Diffusing Screen, square, IP44, MS-3

Size	L mm	W mm	H mm	suitable for	Product
Q15	185	185	10	Tentec, Tentec zono	81010Q15
Q18	215	215	10	Tentec, Tentec zono	81010Q18
Q21	250	250	10	Tentec, Tentec zono	81010Q21



Diffusing Screen, round, IP44, MS-3

Size	D mm	H mm	suitable for	Product
R15	180	10	Tentec, Tentec zono	81010R15
R18	210	10	Tentec, Tentec zono	81010R18
R23	255	10	Tentec, Tentec zono	81010R23

Liteoptic, MS-3 Mounting Technique



System Frame, square, IP20, MS-3

Size	L mm	W mm	H mm	suitable for	Product
Q15	185	185	5	Tentec, Tentec zono	81001Q15
Q18	215	215	5	Tentec, Tentec zono	81001Q18
Q21	250	250	5	Tentec, Tentec zono	81001Q21



System Ring, round, IP20, MS-3

Size	D mm	H mm	suitable for	Product
R15	180	5	Tentec, Tentec zono	81001R15
R18	210	5	Tentec, Tentec zono	81001R18
R23	255	5	Tentec, Tentec zono	81001R23



Wallwasher Downlights, square, IP20, MS-3

Size	L mm	W mm	H mm	suitable for	Product
Q15	185	185	5	Tentec	81030Q15
Q18	215	215	5	Tentec	81030Q18
Q21	250	250	5	Tentec	81030Q21



Wallwasher Downlights, round, IP20, MS-3

Size	D mm	H mm	suitable for	Product
R15	180	5	Tentec	81030R15
R18	210	5	Tentec	81030R18
R23	255	5	Tentec	81030R23

Operation Technique: intelligent

To ensure the highest possible degree of flexibility, many control gears are not part of LED Downlights. To avoid errors during connection, both, luminaires and control gears, are colour-coded and come with polarity protected plug-type connectors. This ensures significantly safer electrical connections. To cut installation and energy costs WILA LED control gears are available as static, DALI dimmable versions or with network extension. Optional daylight and presence sensors can also cut energy costs by up to 75%.



Operation Devices



alphabet, Tentec, Standard, with loop-in-function

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
163	83	35	yes	B16: 30, C16: 51	3 x 2.5	83752-DV
180	32	32	yes	B16: 48, C16: 80	5 x 2.5	83761-DV
141	43	30	yes	B16: 48, C16: 80	5 x 2.5	83762-DV
141	43	30	yes	B16: 48, C16: 80	5 x 2.5	83763-DV
180	32	32	no	B16: 48, C16: 80	5 x 2.5	83764-DV
141	43	30	no	B16: 48, C16: 80	5 x 2.5	83765-DV
144	47	32	yes	B16: 39, C16: 66	5 x 2.5	83766-DV
159	79	33	yes	B16: 52, C16: 52	5 x 2.5	83767-DV
115	34	19	yes	B16: 27, C16: 45	5 x 2.5	83770-DV
141	43	30	yes	B16: 48, C16: 80	5 x 2.5	83771-DV
163	83	35	yes	B16: 30, C16: 51	5 x 2.5	83772-DV
160	82	34	yes	B16: 11, C16: 22	5 x 2.5	83776-DV
200	70	31	yes	B16: 115, C16: 115	3 x 2.5	83777-DV
220	85	31	yes	B16: 55, C16: 55	3 x 2.5	83778-DV
220	85	31	yes	B16: 55, C16: 55	3 x 2.5	83779-DV
200	70	31	yes	B16: 115, C16: 115	3 x 2.5	83780-DV



alphabet, Tentec, Standard, without loop-in-function

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
163	83	35	yes	B16: 30, C16: 51	3 x 2.5	83752
141	43	30	yes	B16: 48, C16: 80	3 x 1.5	83761
141	43	30	yes	B16: 48, C16: 80	3 x 1.5	83762
141	43	30	yes	B16: 48, C16: 80	3 x 1.5	83763
180	32	32	no	B16: 48, C16: 80	3 x 1.5	83764
141	43	30	no	B16: 48, C16: 80	3 x 1.5	83765
144	47	32	yes	B16: 39, C16: 66	3 x 1.5	83766
159	79	33	yes	B16: 52, C16: 52	3 x 1.5	83767
115	34	19	yes	B16: 27, C16: 45	3 x 2.5	83770
141	43	30	yes	B16: 48, C16: 80	3 x 1.5	83771
163	83	35	yes	B16: 30, C16: 51	3 x 2.5	83772
160	82	34	yes	B16: 11, C16: 22	3 x 1.5	83776

Operation Devices



alphabet, Tentec, DALI, with loop-in-function

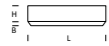
L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
163	83	35	yes	B16: 30, C16: 51	5 x 2.5	83752-DD-DV
180	32	32	yes	B16: 48, C16: 80	7 x 2.5	83753-DD-DV
180	32	32	yes	B16: 48, C16: 80	7 x 2.5	83754-DD-DV
180	32	32	yes	B16: 48, C16: 80	7 x 2.5	83755-DD-DV
180	32	32	yes	B16: 48, C16: 80	7 x 2.5	83761-DD-DV
180	32	32	yes	B16: 48, C16: 80	7 x 2.5	83762-DD-DV
180	32	32	yes	B16: 48, C16: 80	7 x 2.5	83763-DD-DV
159	79	33	yes	B16: 52, C16: 52	7 x 2.5	83766-DD-DV
159	79	33	yes	B16: 52, C16: 52	7 x 2.5	83767-DD-DV
180	32	32	yes	B16: 48, C16: 80	7 x 2.5	83768-DD-DV
180	32	32	yes	B16: 48, C16: 80	7 x 2.5	83769-DD-DV
145	51	30	yes	B16: 160, C16: 160	7 x 1.5	83770-DD-DV
180	32	32	yes	B16: 48, C16: 80	7 x 2.5	83771-DD-DV
163	83	35	yes	B16: 30, C16: 51	7 x 2.5	83772-DD-DV
124	79	22	yes	B16: 15, C16: 25	7 x 2.5	83776-DD-DV
200	70	31	yes	B16: 100, C16: 100	5 x 2.5	83777-DD-DV
220	85	31	yes	B16: 21, C16: 42	5 x 2.5	83778-DD-DV
220	85	31	yes	B16: 21, C16: 42	5 x 2.5	83779-DD-DV
200	70	31	yes	B16: 100, C16: 100	5 x 2.5	83780-DD-DV



alphabet, Tentec, DALI, without loop-in-function

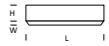
L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
163	83	35	yes	B16: 30, C16: 51	5 x 2.5	83752-DD
180	32	32	yes	B16: 48, C16: 80	5 x 1.5	83753-DD
180	32	32	yes	B16: 48, C16: 80	5 x 1.5	83754-DD
180	32	32	yes	B16: 48, C16: 80	5 x 1.5	83755-DD
180	32	32	yes	B16: 48, C16: 80	5 x 1.5	83761-DD
180	32	32	yes	B16: 48, C16: 80	5 x 1.5	83762-DD
180	32	32	yes	B16: 48, C16: 80	5 x 1.5	83763-DD
159	79	33	yes	B16: 52, C16: 52	5 x 1.5	83766-DD
159	79	33	yes	B16: 52, C16: 52	5 x 1.5	83767-DD
180	32	32	yes	B16: 48, C16: 80	5 x 1.5	83768-DD
180	32	32	yes	B16: 48, C16: 80	5 x 1.5	83769-DD
145	51	30	yes	B16: 160, C16: 160	5 x 1.5	83770-DD
180	32	32	yes	B16: 48, C16: 80	5 x 1.5	83771-DD
163	83	35	yes	B16: 30, C16: 51	5 x 2.5	83772-DD
124	79	22	yes	B16: 15, C16: 25	5 x 2.5	83776-DD
220	85	31	yes	B16: 55, C16: 55	5 x 2.5	83779-DD

Operation Devices



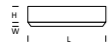
WarmDim Transformator

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
185	43	30	yes	B16: 11, C16: 22	3 x 2.5	83782



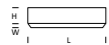
Nero Accent 350 mA, standard

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
115	34	19	yes	B16: 27, C16: 45	3 x 2.5	83756



Nero Accent 350 mA, standard, IP67

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
122	36	25	no	B16: 20, C16: 20	3 x 1.5	83734



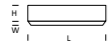
Nero Accent 350 mA, DALI dimmable

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
179	31	32	yes	B16: 48, C16: 80	3 x 1.5	83733



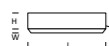
LED Puck 500 mA, standard

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
125	79	22	yes	B16: 15, C16: 25	3 x 2.5	83746



LED Puck 500 mA, DALI dimmable

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
125	79	22	yes	B16: 15, C16: 25	5 x 2.5	83747



T-BAR system, DALI dimmable, with loop-in-function

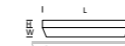
L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
220	47	44	no	B16: 12, C16: 12	7 x 2.5	83751-DD-DV



T-BAR system, standard, with loop-in-function

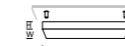
L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
270	63	41	yes	B16: 5, C16: 10	5 x 2.5	83751

Operation Devices



Transparency Canopy set, DALI dimmable, standalone unit

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
235	150	31	yes	B16: 12, C16: 24	7 x 2.5	80718-DD-DV
235	150	31	yes	B16: 11, C16: 22	7 x 2.5	80722-DD-DV



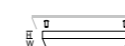
Transparency Canopy set, DALI dimmable, in canopy integrated

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
497	110	42	yes	B16: 12, C16: 24	7 x 2.5	80717-DD-DV
497	110	42	yes	B16: 11, C16: 22	7 x 2.5	80719-DD-DV



Transparency Canopy set, PT, standalone unit

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
402	112	44	yes	B16: 11, C16: 22	7 x 2.5	80722-PT-DV



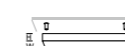
Transparency Canopy set, PT, in canopy integrated

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
497	110	42	yes	B16: 11, C16: 22	7 x 2.5	80719-PT-DV



Transparency Canopy set, standard, standalone unit

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
402	112	44	yes	B16: 12, C16: 24	5 x 2.5	80718-DV
235	150	31	yes	B16: 11, C16: 22	5 x 2.5	80722-DV



Transparency Canopy set, standard, in canopy integrated

L mm	W mm	H mm	Emergency lighting	Circuit breaker	Connector	Product
497	110	42	yes	B16: 12, C16: 24	5 x 2.5	80717-DV
497	110	42	yes	B16: 11, C16: 22	5 x 2.5	80719-DV

Mounting Technique: solution-oriented

WILA offers an extensive range of mounting accessories for diverse installation requirements: for instance, concrete mounting boxes for easy mounting of Downlights in concrete ceilings, inclination adaptors for surface-mounted ceiling luminaires for various ceiling inclinations and special mounting rings and frames for flush integration into standard ceilings. Please contact us personally.



Project: School Roodt-Syre, Luxembourg
Architecture: Marc Dieschbourg, Luxembourg
Photography: Max Schulz Studio, Muelheim/Ruhr



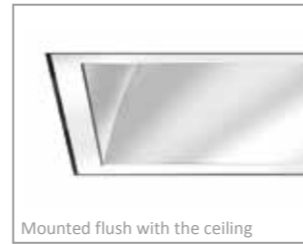
Concrete mounting boxes



Reducing recessed depth ring

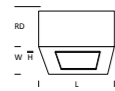


Modul panels for panel ceilings



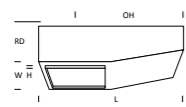
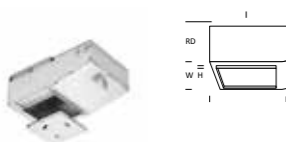
Mounted flush with the ceiling

Concrete Mounting Box



Concrete mounting box for square luminaires, recessed ceiling mounted

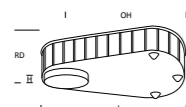
Size	L mm	W mm	RD mm	H mm	Product
Q08	335	335	175	18	88084Q08
Q10	335	335	175	18	88084Q10
Q15	335	335	175	18	88084Q15



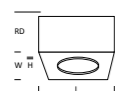
Concrete mounting box for square luminaires, recessed ceiling mounted, rectangular, asymmetric

Size	L mm	W mm	RD mm	OH mm	H mm	Product
Q15	280	237	90	173	15	88078Q15
Q18	310	267	90	190	20	88078Q18
Q21	345	345	90	215	20	88078Q21
Q18	594	355	180	405	20	88083Q18
Q10	594	335	175	415	18	88085Q10
Q15	495	270	155	365	18	88085Q15
Q18	510	300	175	365	18	88085Q18
Q21	570	335	175	405	18	88085Q21
Q10	594	335	200	215	18	88088Q10
Q15	594	335	200	215	18	88088Q15
Q18	594	335	200	215	18	88088Q18
Q21	570	355	200	405	18	88088Q21

Concrete Mounting Box

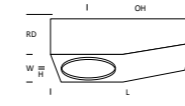


Size	L mm	RD mm	OH mm	H mm	Product
R13	480	165	345	35	88080R13
R15	480	165	345	35	88080R15
R18	480	165	345	35	88080R18



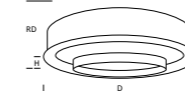
Size	L mm	W mm	RD mm	H mm	Product
R10	335	335	175	18	88084R10
R15	335	335	175	18	88084R15

Concrete Mounting Box



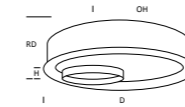
Concrete mounting box for round luminaires, recessed ceiling mounted, rectangular, asymmetric

Size	L mm	W mm	RD mm	OH mm	H mm	Product
R10	594	335	175	415	18	88083R10
R18	594	335	180	415	18	88083R18
R10	594	335	200	215	18	88089R10
R15	594	335	200	215	18	88089R15
R18	594	335	200	215	18	88089R18
R23	570	355	200	405	18	88089R23



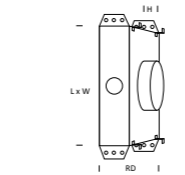
Concrete mounting box for round luminaires, recessed ceiling mounted, round

Size	D mm	RD mm	H mm	Product
R18	360	120	40	88038R18
R23	360	120	40	88038R23
R27	360	120	40	88038R27
R37	400	120	25	88038R37
R15	360	150	40	88045R15
R18	360	150	40	88045R18
R23	360	150	40	88045R23
R27	360	150	40	88045R27
R37	400	150	25	88045R37
R15	360	200	40	88076R15
R18	360	200	40	88076R18
R23	360	200	40	88076R23
R15	360	90	35	88078R15
R18	360	90	35	88078R18
R23	360	90	35	88078R23



Concrete mounting box for round luminaires, recessed ceiling mounted, round, asymmetric

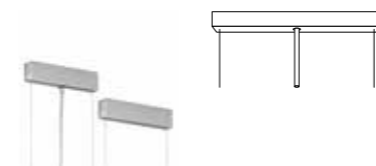
Size	D mm	RD mm	OH mm	H mm	Product
R05	160	130	120	30	88021R05
R08	200	140	142	30	88022R08
R15	360	120	205	40	88038R15
R10	260	165	215	30	88053R10
R13	260	200	150	40	88054R13



Concrete mounting box for round luminaires, recessed wall mounted

Size	L mm	W mm	RD mm	H mm	Product
Q/R01	160	130	75	20	88090R01
Q/R03	160	130	75	20	88090R03
Q/R05	160	130	75	20	88090R05

Suspension Set und Supply Leads



Double suspension, set, alu matt (RAL9006)

L mm	W mm	H mm	Supply Lead	Pendant Length mm	suitable for	Product
220	30	45	3 x 1.5, transparent	1500	Avic	80701
220	30	45	5 x 1.5, transparent	1500	Avic	80711
150	30	45	3 x 1.5, transparent	1500	Micronic	80777
150	30	45	5 x 1.5, transparent	1500	Micronic	80778



Y-suspension, set, canopy alu matt (RAL9006)

L mm	W mm	H mm	Supply Lead	Pendant Length mm	suitable for	Product
72	72	45	3 x 1.5, transparent	1500	Avic	80301
72	72	45	5 x 1.5, transparent	1500	Avic	80302
72	72	45	3 x 1.5, transparent	1500	Micronic	80750
72	72	45	5 x 1.5, transparent	1500	Micronic	80751

Individual Product Solutions

Multifunctionality [Page 246](#)

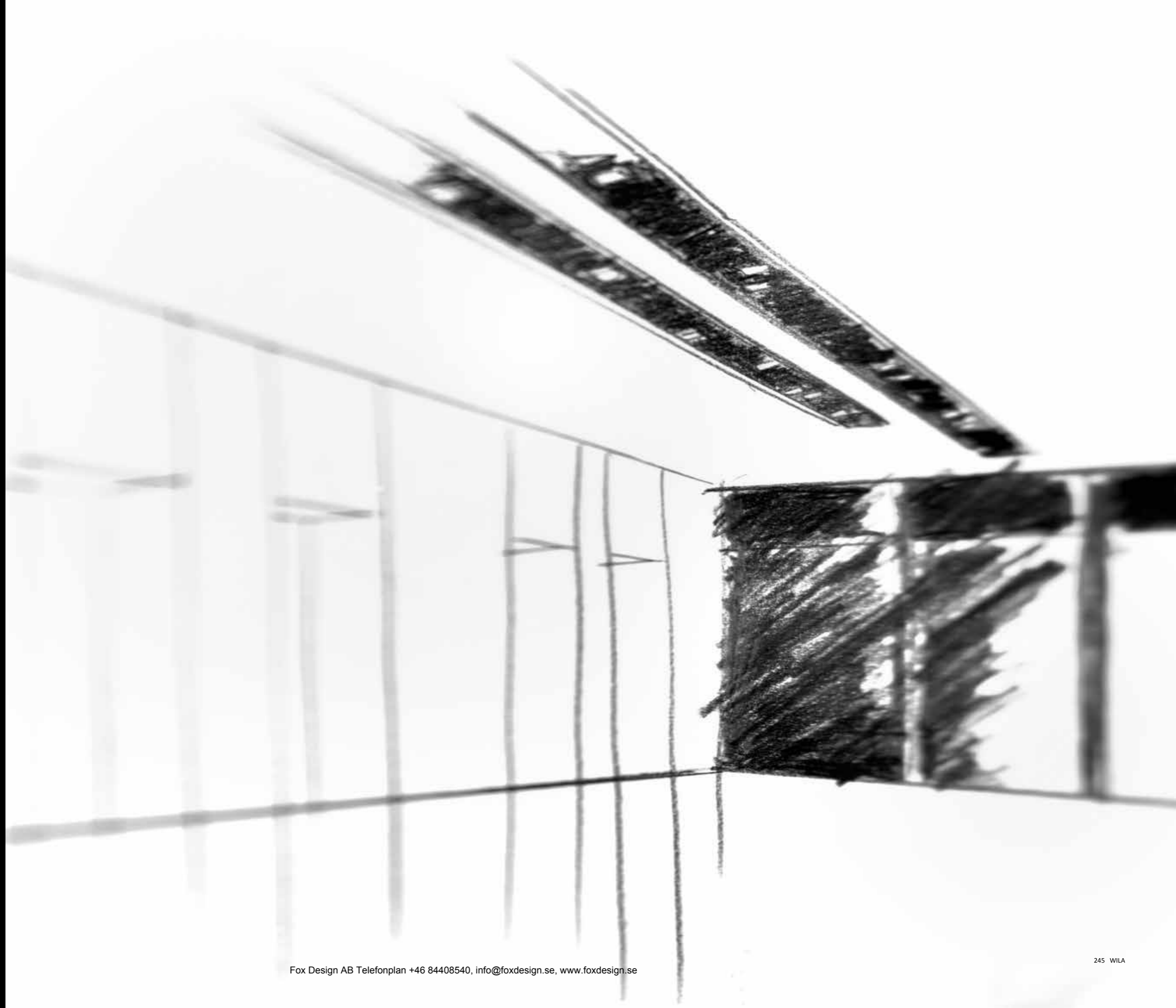
Integration [Page 254](#)

Design [Page 262](#)

Protection [Page 270](#)

Light Technique [Page 274](#)

Light Management [Page 284](#)





Modular Systems

Modular Systems and Multifunctional Uses

Assuming a modular frame, lighting technology can be combined with building services in a single housing system, integrating loud speakers, smoke detectors or sprinkler heads. Video surveillance and air conditioning components have also been integrated, though the possibilities are endless. The integrated 3-in-1 system saves installation and maintenance costs and delivers a clutter free clear ceiling in keeping with the architectural intent.



Dimensions of the chain system
Length 795 mm
Width 270 mm

Multifunctional inserts in combination
with e.g. alphabet zono Downlights, Page 54

Project: Airport Dublin, Terminal 2, Ireland

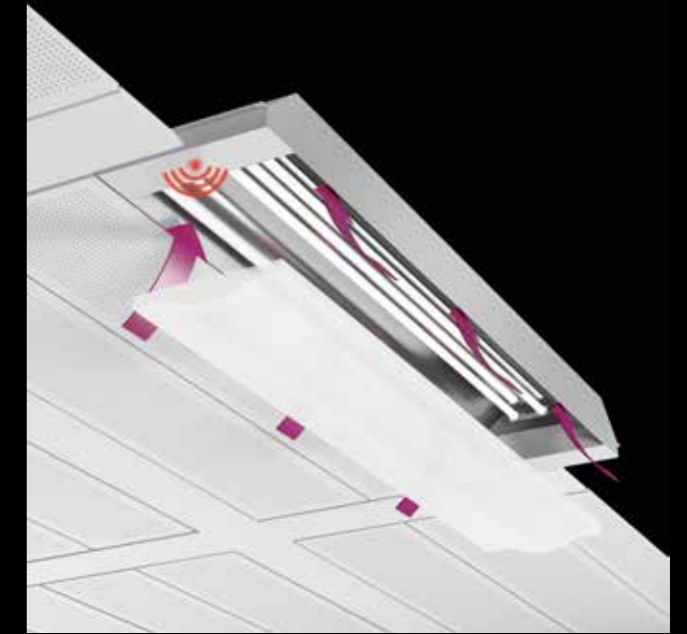


Modular Assembly Unit for a tidy and clear Ceiling through the Integration of Building Functions.

Project: Airport Dublin, Terminal 2, Ireland
Architecture: Pascal + Watson, London
Electrical consultant: Arup Lighting Design, London
Photography: H.-C. Brinkschmidt, Hamburg

Further luminaires:
Puck luminaires for façades and handrails, Page 96



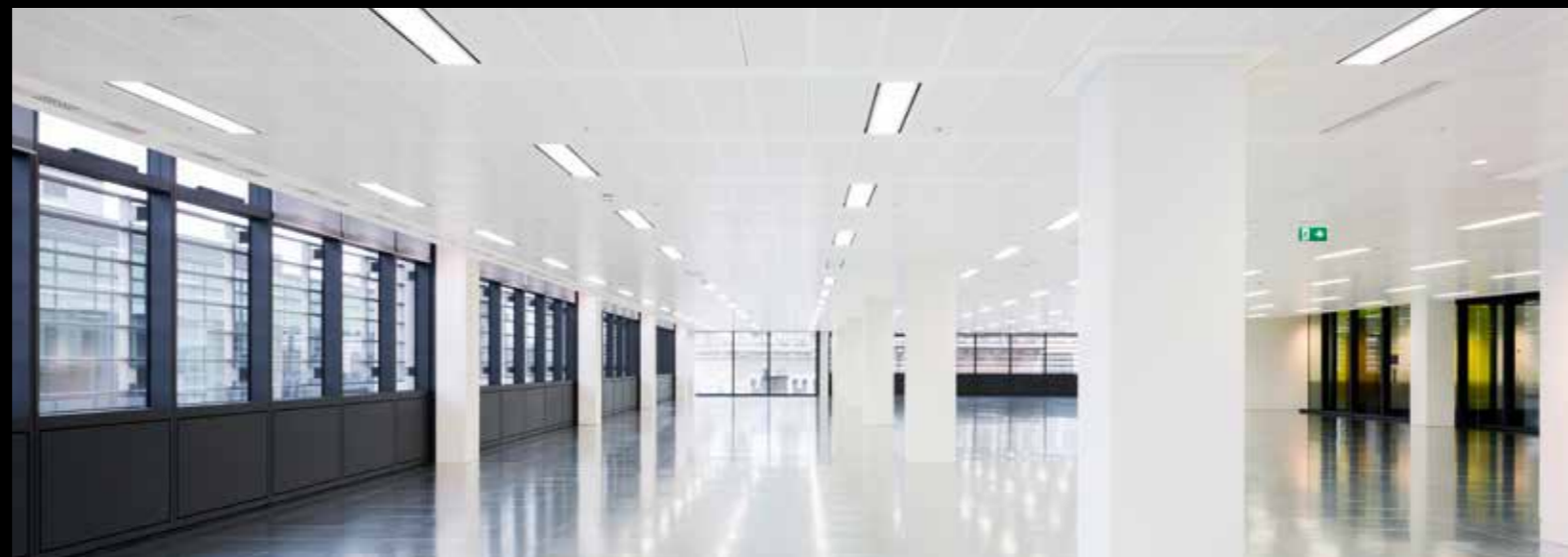


Air-Handling Technology

A combination of Light and Air-handling Technology In One Housing
Discreetly integrated air handling capability within the recessed ceiling luminaire helps to keep the ceilings free of additional components. A tidy ceiling is achieved by ducting the air through the fitting, which also has a secondary cooling effect on the luminaire. Optimising the temperature results in increased output and longer lamp life in the fitting.

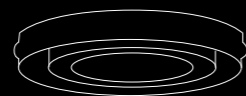
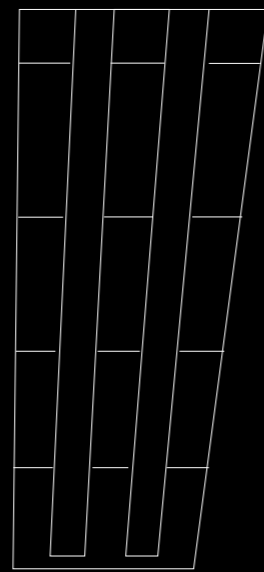
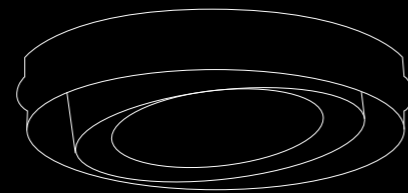
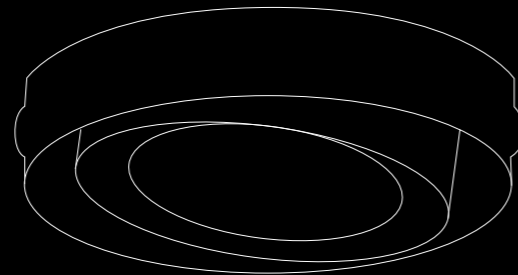
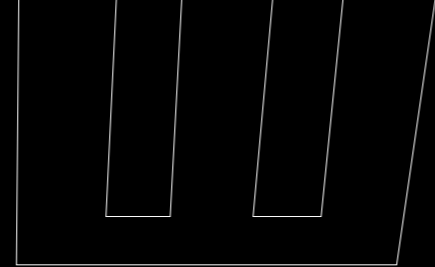
Lamp
LED

Dimensions
Length 625, 1200 up to 1400 mm
Width 625, 275 - 870 mm



Project at top: 5 New Street, London, United Kingdom
Lighting Design: GIA Equation, London
Photography: Philip Durrant, London

Project left: Helicon, London, United Kingdom
Consultant: Hoare Lea, United Kingdom
Photography: Redshift Photography



Profile Systems



Multifunctional Profile System capable of integrating Building Services and Technology

WILA has custom-built over 400 metres of multi-functional aluminium sections that combine building technology with lighting functions. In addition to spotlights for accent lighting, powerful HID Downlights were also incorporated into the sections used for areas with greater ceiling heights. In the communication areas, which are flush mounted with the ceiling, the system also houses the emergency lighting. By incorporating lighting and technical components in conjunction with a uniform modularity, this section-based system creates a tidy ceiling look.

Lamp
QR-LP 111 100 W
HIT CDM-T 35 W

Dimensions
Custom-built aluminium section in combination with e.g. alphabet spectra recessed adjustable Spotlights, Page 36

Project: BBC New Media Village, London, United Kingdom
Architecture: Allies and Morrison Architects, London
Electrical Design (circulation routes): Buro Happold Engineering, London
Lighting Design (work areas): Equation Lighting Design, London
Photography: Edmund Sumner, London



Linear Lighting System

Timeless, elegant and visually calming - Special Linear Lighting System that serves as an inimitable Design Element

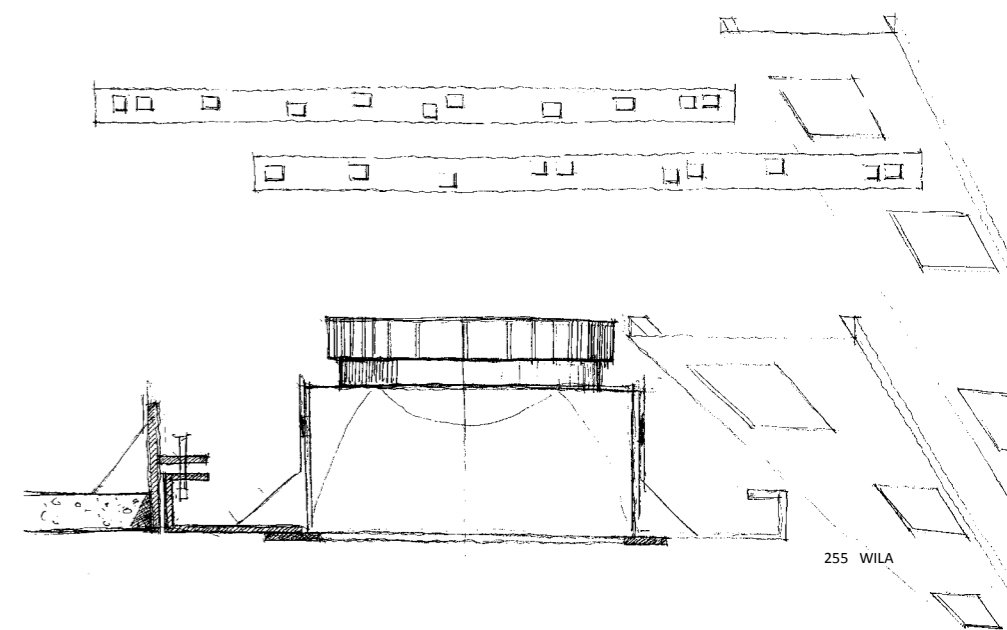
Based on a design by Rhein Licht from Dusseldorf, WILA developed a frameless linear component which was flush mounted within the ceiling. This unit whilst a feature in itself also provided the support and framework for rhythmically arranged square downlights. Installed completely without tools, the offset pairs add an extra element of style.

The luminous efficiency, fitting size and installation method of WILA's downlights were an ideal match for this project, with each luminaire emitting 1100 lumens at 3000 K through an opal diffusing cover. This created an extremely homogenous mean illuminance of 300 lux in accordance with the specification.

Lamp
LED Downlights 18 W, 1100 lm

Dimensions
Length: Implemented up to 9.3 m
Width: 250 mm

Project: Lanxess Tower, Cologne, Germany
Architecture: HPP Architects, Dusseldorf
Consultant: Rhein Licht, Ralf Schoofs, Dusseldorf
Visualization/drawing courtesy of HPP Architects, Dusseldorf and Rhein Licht, Dusseldorf



Chain Frame



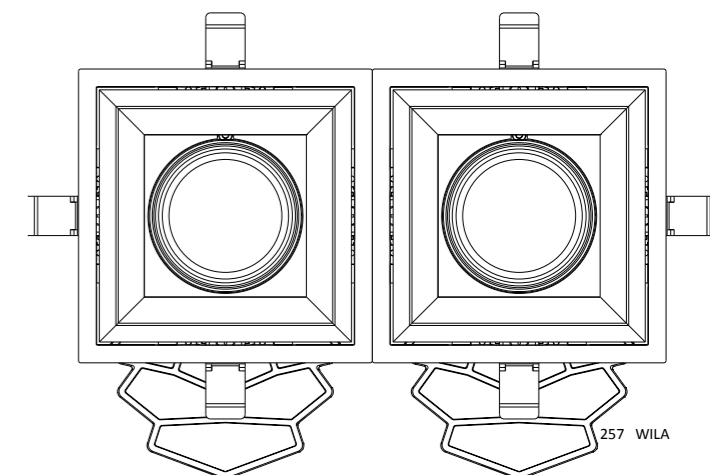
Flexible Chain System for consistent and tidy Ceiling
With a modular frame system, either individual luminaires or multiple groups can be linked together prior to flush mounting in the ceiling. Combinations of wall washers, downlights and spotlights from the alphabet family all integrate together in a single compatible system. The system creates a uniform design for all configurations whilst reducing installation time and cost.



Q10 Frame - two alphabet focus recessed adjustable Spotlights with alphabet focus Downlight, width 177 mm



Q15 Frame - alphabet Wallwasher with alphabet focus fully recessed adjustable Spotlight, width 127 mm





Softplanar

Soft Transition Luminaires create a unique Design Feature

The pure almost organic shape of the mounting ring creates a soft transition with no harsh angles or lines between luminaire and ceiling; and it does so without inhibiting or affecting the emission characteristics of the luminaire. Integration is further enhanced by flush mount options. Can be used with a variety of ceiling materials including metal and plasterboard, providing appropriate flexibility across multiple areas or projects.

Lamp

LED 50 W, 5000 lm

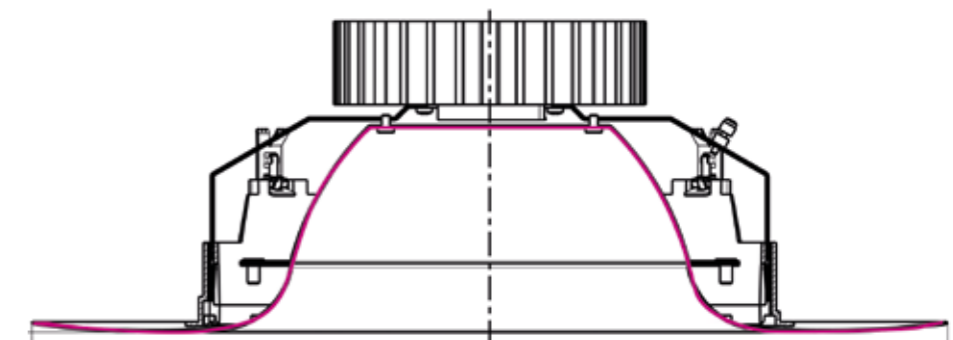
Dimensions

Diameter 140 - 440 mm

Ceiling cut-out 125 - 280 mm

Project: Müller Markt Heidelberg/Mannheim, Germany

Photography: Courtesy of OSRAM



Concrete Ceilings



Flush Installation in Concrete Mounting Boxes

All WILA concrete mounting boxes can be installed flush with the ceiling as standard. For exposed concrete ceilings this means a new minimalist look when recessing illumination systems.

Dimensions

Diameter 80 - 255 mm
Ceiling cut-out 68 - 240 mm

Project: Oeconomicum, University Dusseldorf, Germany
Architecture: Ingenhoven architects, Dusseldorf
Consultant: Tropp Lighting Design, Weilheim
Photography: Foto Krumnow, Bannewitz



Structural Integrity

Generally when installing the concrete installation boxes the steel reinforcement bar has to be cut or modified. For a project specific installation WILA altered the design of a standard enclosure increasing the neck length to 40 mm allowing the concrete box to be mounted between the reinforcing steel without modification.



Fire Protection with reduced Ceiling Depth

The use of Promatec H material on the outside of the concrete box allowed the thickness of concrete above the enclosure to be halved whilst still observing fire protection regulations. This resulted in greater design freedom reduced material costs, and in some applications the ability to fit in an additional floor.

Dimensions

Diameter 260 mm
Ceiling cut-out 165 mm
Recessed Depth 220 mm

Pendant Luminaire



LED Halo - Room-defining Light Symbols

With a diameter of 1000 mm, the LED pendant developed for Oxford University is a striking feature lamp. The ring shape picks up the Romanesque architectural features in this traditional building, whilst the minimal clean lines and LED technology bridge the gap between a traditional and a contemporary design. The combination of directly and indirectly distributed light creates a pleasant atmosphere, highlighting the architecture and emphasising its spaciousness.

Lamp
LED

Dimensions

Diameter 650 - 1000 mm,
Profile height 50 - 115 mm
Profile width 46 mm

Project: Oxford Martin School, United Kingdom
Architect: Berman Guedes Stretton, London
Consulting Engineers: Hoare Lea Oxford, United Kingdom
Photography: WILA



Flexible Mounting - Clean Look

A conveniently located height adjustment mechanism makes it much easier to align the luminaires precisely. This is particularly important when installing the luminaires in buildings with high ceilings, places of worship for example. The concealed height adjustment and balancing feature improves and enhances the visual effect.

LED Light Cylinder - Configurable System

Based on a simple cylinder form, WILA offers a wide range of variants for project installations. With various dimensions, solid and translucent materials, customer specific colour accents, performance and distribution options, WILA has a solution to fit every lighting scheme.

Lamp

1 x LED 21 W - 2 x LED 29 W, 3000 K, separately dimmable

Dimensions

Diameter 130 - 150 mm
Cylinder height 360 - 600 mm

Project: Bakery Löscher, Germany
Photography: WILA Lichttechnik





“The lighting effect should be similar to that of Candle Light, used in Churches in the past. It was supposed to be festive with an equalibrated Direction of Light and Modelling, while at the same time not to be too theatrical.”

Bernd König, Lighting Designer

Lamp

Pendant luminaire, direct/indirect beaming, LED 29 W, 2000 Lumen

Dimensions

Diameter 150 mm

Height 600 mm

Project: Abbey Attef, County Rosenheim, Germany

Lighting Design: Schmidt König, Munich

Photography: Michael Heinrich, Munich



Courtesy of Siteco Beleuchtungstechnik

Surface Mounted Luminaires

LED Downlight with Ring Lens

Specifically developed for Dusseldorf airport, the minimal dimensions and unique ring lens set this fitting apart. With 80% output through the downlight, the glass ring lens washes 20% of light onto the ceiling in a completely shadow free 360° illuminated beam. The aluminium housing fully incorporates all control gear adding flexibility in mounting locations even on pre-cast concrete.



Lamp
LED

Dimensions
Diameter 150
Height 175 mm

Project: Airport Dusseldorf, Germany
Architecture: JSK Architekten, Dusseldorf
Consultant and Luminaire Developer: Dinnebier Licht GmbH, Wuppertal; IGK / IGR, Mühlheim
Photography: Reginald Weiss-Henseler, Mönchengladbach



Flat LED Luminaire with Dynamic Corona

An LED downlight with significant punch is coupled with an individually adjustable colour accent lateral emission to give striking design and atmosphere in this project. The low profile unit makes it extremely suitable for the low ceiling heights often found in modern buildings.

Lamp

LEDs for direct light and individual colour accents

Dimensions

Length 410 mm

Width 410 mm

Height 60 mm



Vibration Proof - Added Security for high demand Applications

For the London Underground WILA developed a special downlight to meet the demands of this harsh environment. Fully vibration proof, rated to IP65, high ambient temperature operating capability and specially protected against the fine dust from the train brakes, these downlights incorporate a corrosion and age resistant highest grade aluminium reflector with a screw attached protection ring.

Lamp

LED 32 W, 2340 Llm
4000 K, CRI > 80

Dimensions

Diameter 255 mm
Ceiling cut-out 240 mm
Recessed Depth 135 mm



IP65 - Small Dimensions with Maximum Protection

Specially designed downlights offer the smallest dimensions and high environmental protection to IP65. The innovative construction allows optimal cooling of the powerful LED source maintaining output and lifetime whilst still protecting from penetration by dust and water jets. These downlights are ideally suited in walkways, canopies and outdoor spaces.

Lamp

LED

Dimensions

Diameter 105 mm
Ceiling cut-out 95 mm
Recessed Depth 65 mm



Increased Protection

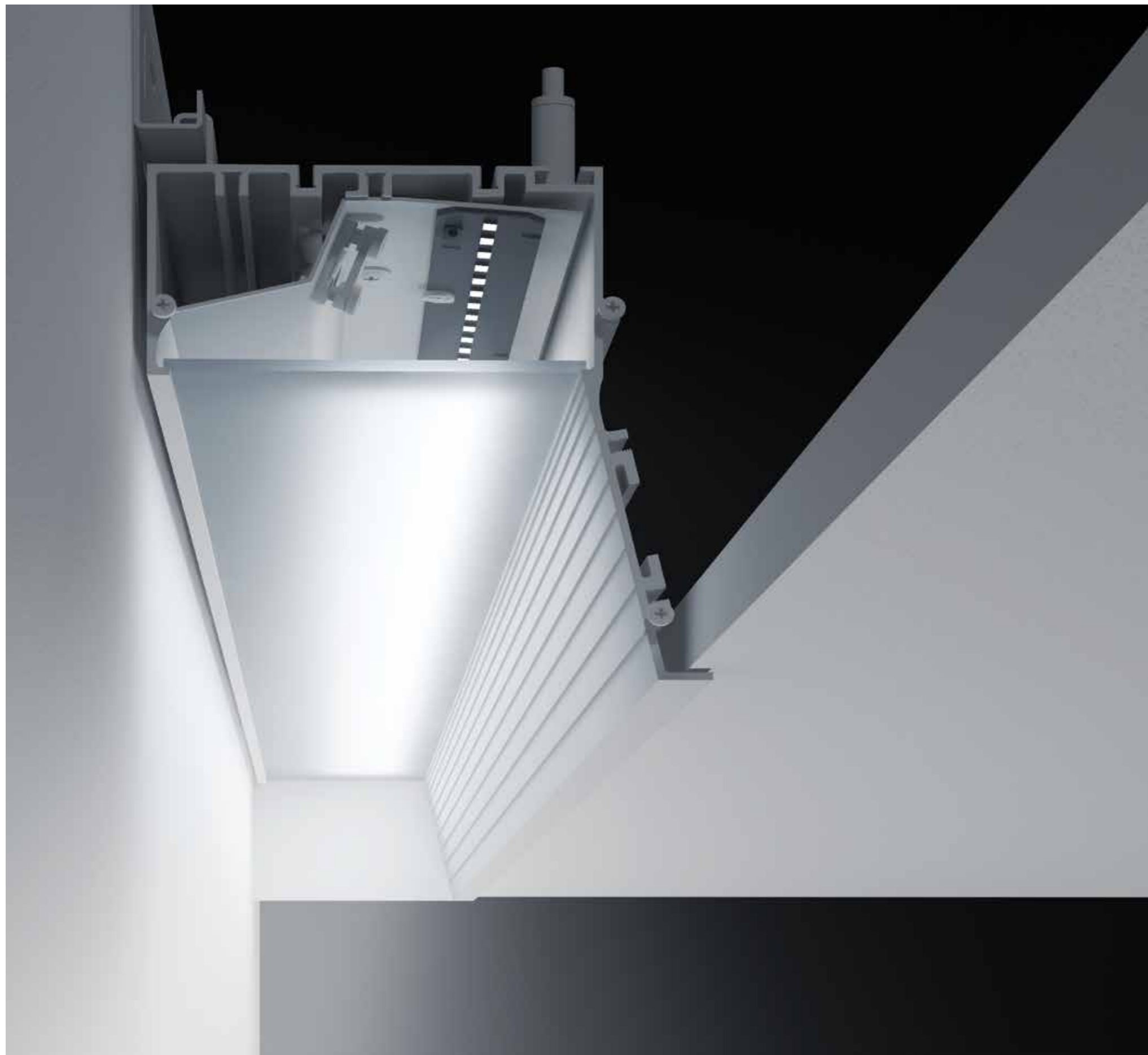
Suitability for Swimming Baths

Corrosion Protection in Rooms with high Humidity

alphabet Luminaires from WILA can also be used in swimming pools. A special powder primer is used as the corrosion protection for the metal parts. The cooling element does not need to be treated separately, because it is already anodized or painted. Appropriate light optics increase the protection level of the standard luminaires to IP44 from below. As a result, the luminaires are able to withstand the particular conditions found in swimming baths: splashes of water, air humidity of between 55% and 60% and ambient temperatures of between 30°C and 35°C. Long-term tests have confirmed their trouble free use in swimming pools.

Project: Art Nouveau Bath Darmstadt, Germany
Electrical Consultant: Müller + Bleher, Radolfzell
Luminaire: Downlights suitable for swimming baths, Page 54
Photography: ComKom digital media, Bochum





Wall Grazer



Distribution for Highlighting vertical Surfaces

Wall grazers emit light evenly almost perpendicular to the fitting, grazing the wall surface highlighting and enhancing the texture, creating an individual room atmosphere. Mounted in the ceiling flush with the wall, the light source remains hidden avoiding glare and keeping the ceiling free for general illumination or accent lighting.

Lamp
LED



Project: Office in Canary Wharf, London, United Kingdom
Lighting Design: Hilson Moran, United Kingdom
Photography: Chris Hill - Flux Films, United Kingdom

Indirect Source Technology

LED Office Luminaire with indirect Source

The continuous recessed luminaire consists of a bespoke LED profile designed by WILA specifically for this concept. Due to the rear facing LEDs and a highly reflective polymer coated housing an incredibly homogenous light surface is generated. A conical de-glaring prism optic then controls this light creating a non directional luminaire with precise glare limitation suitable for use in office environments, whilst at the same time maintaining a high light output ratio and efficacy.

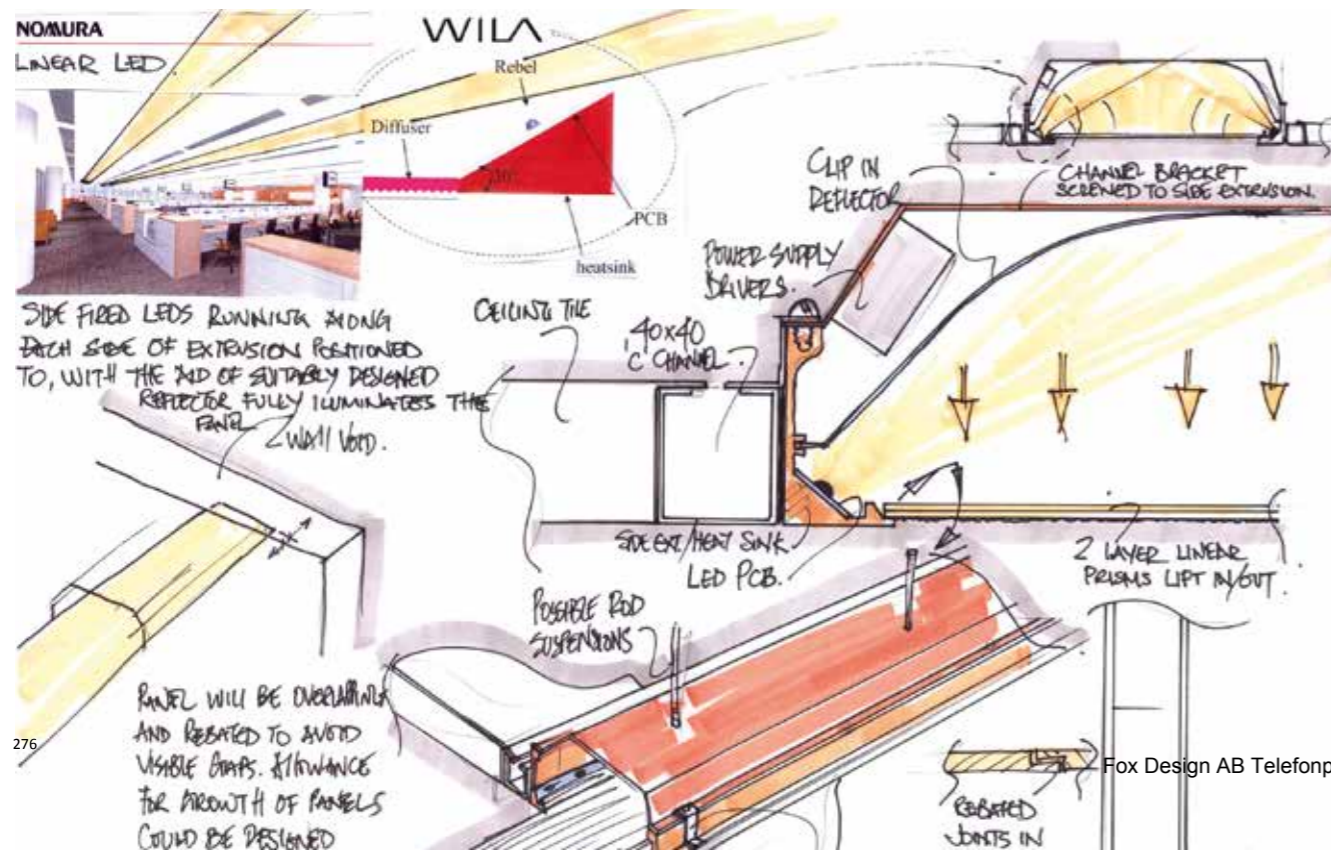
Lamp

LED, DALI dimmable
Average illuminance Em 500 lx
Energy Consumption 12 W/m²

Dimensions

Length 1500 mm
Width 396 mm
Recessed Depth 110 mm

Project: Nomura Investment Bank, London,
United Kingdom
Architecture: tsp architects and interior
designers, London
Consultant: MEIT Associates, United Kingdom
Photography Redshift Photography, United Kingdom





Vertical Illumination

Datacentre Lighting - Uniform vertical Illumination and high Visual Comfort

Datacentres present a special lighting requirements as regards vertical illuminance. Regardless of the medium either electronic or traditional bookshelves, the light level on these vertical surfaces is often more important than that directed onto the traditional work plane. Only unique fittings are able to solve this demanding problem. LED surface or suspended luminaires with a precise concave micro prism combine to produce a visually comfortable but highly targeted light distribution.

Lamp

LED 3020 Lm, 74 Lm/W
Blue LEDs with remote phosphor technology





Projector Lighting Technology



Invisible Surface Illumination to meet with high Quality Demands
When lighting systems need to blend unobtrusively with the architectural concept, but illumination of surfaces is required, a projection luminaire is usually the appropriate solution. Fully directional and with precise control, ceiling, structures and features can be pin pointed and impressively emphasised. The system is designed to allow easy access for maintenance and for cleaning glass structures in places which are otherwise difficult to get at.

The excellent illumination engineering quality of this semi-spherical floodlight is based on a square reflector, designed for particularly wide-angle applications. Maximum effect is achieved by using ultra-pure reflection-enhanced aluminium and special highly transparent glass with a 98% transmission factor.

Lamp
HIT-DE-CE 1 x 150/250 W
very wide flood

Dimensions
Diameter 270/300 mm
Height 240 mm



Counter Lighting



Precise Control for Visual Comfort
The square downlights built into the ceiling construction above an airline counter were specifically designed to position the light only where needed. Neither passengers nor airline staff are subject to any glare as they are not located within the immediate direct distribution. This square reflector with a deep recessed source is shaped to produce a very focused and controlled beam avoiding the irritating shadows cast on staff and customers.

Lamp
TC-SEL 2 x 11 W

Dimensions
Length 350 mm
Width 350 mm
Recessed Depth 250 mm

Project: Hamburg Airport, Terminal 1, Germany
Architecture: GMP (von Gerkan, Marg & Partner), Hamburg
Lighting Design: Peter Andres, Hamburg
Photography: MM Fotowerbung, Kaufungen

High Performance Lighting



Flexible Mounting Systems

Ceiling surface mounted luminaires are always interesting when recessed installation is prohibitive due to construction or cost constraints. Structural mounts specific to each atrium's construction are generally required for in this application which is why WILA offers bespoke solutions for seamless integration.

Lamp

High Power LED, 3000 - 7000 Lm
4000 K, CRI > 80,

Dimensions

Diameter 210 - 255 mm
Height 255 - 280 mm

Powerful LED Light for high Mounting Applications

Atriums are mostly characterised by great height, something that requires higher powered lighting solutions. Typically solved with high pressure discharge lamps, these 7000 lm downlights are well up to task. A 2-part unit which separates the LED module and the control gear helps manage the thermal challenge, whilst an optimised heat sink ensures both driver and LED can produce high performance and deliver a long service life. Instant turn on and dimming capabilities set this apart from traditional lamp sources.





Project: Gymnasium Grünwald, Munich, Germany
Lighting Design: Lichttechnik & Design
Hubert Saegmüller, Starnberg
Photography: Eberhard Franke, Munich



The first School in Germany to have all its **Classrooms are equipped with Biodynamic Light**. The Brightness and the Colour of the Lights can be changed depending on the particular Situation, setting a calming or stimulating Mood.

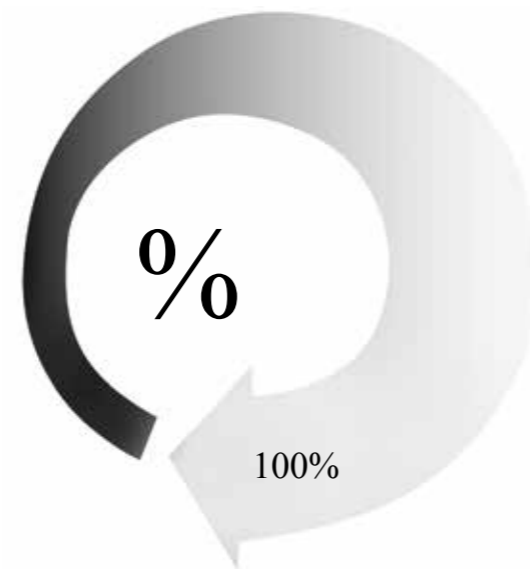
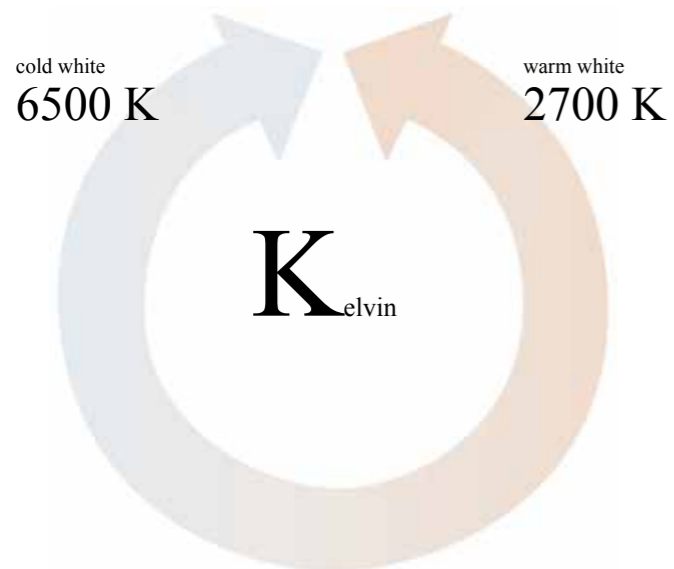
Tunable White

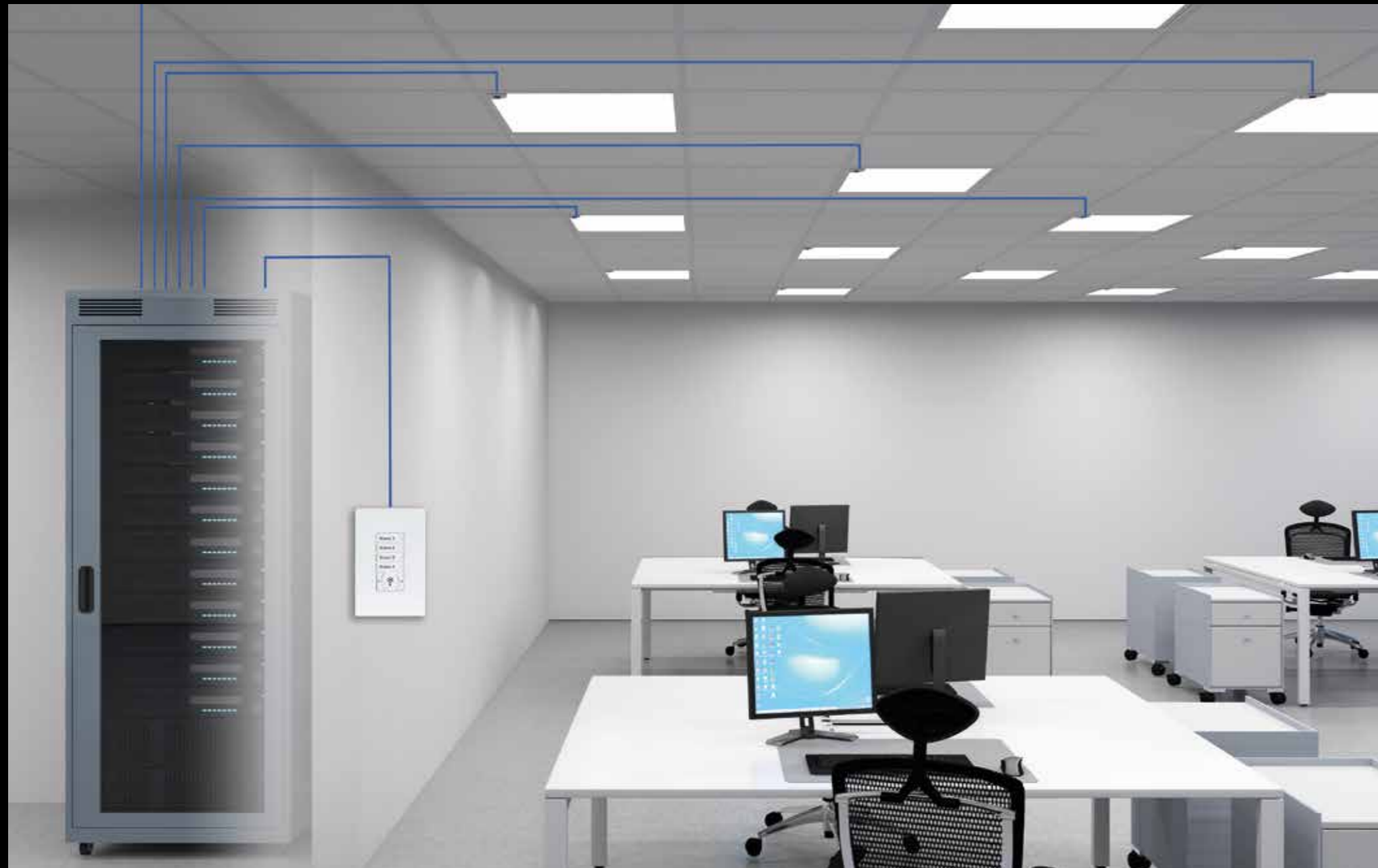
Individual adjustable light - setting the light colour and brightness independently of each other by pressing a button, that is Tunable White.



1: Setting the colour temperature

2: Setting the brightness level





WILA to work in partnership with Redwood for Intelligent Light Networks

Illumination accounts for 35% of energy costs in office buildings. The intelligent Redwood Network by CommScope interlinks all the luminaires in one room. Sensor data provided by daylight, movement or temperature sensors is centrally captured and the lighting can be adjusted accordingly either on-site or via a web-based programme from anywhere in the world. This low-voltage direct current network also supplies the luminaires with power.

The energy efficiency of buildings is markedly increased by intelligent LED luminaires. In addition to this, you save on installation costs and lamp replacement since this temperature management increases LED lamp life.

Eligible Product Families

The following LED product families can be prepared for the Redwood Light Network in terms of connection and control units:

- > alphabet, Page 14
- > Linc System, Page 110
- > Ingenic, Page 128



Razor Sharp Images in Ultra Slow Motion - Lighting in High Definition

For certain sporting events athletes and competitors are captured in high definition ultra slow motion technology. Unfortunately with some technology these cameras can pick up far more than the human eye resulting in flickering or lines on the replay. A specific instance was the filming in the players' tunnels at Twickenham, England's second biggest stadium and home to many international Rugby events. During in house testing the luminaires in question were put through their paces using top of the range cameras at film rates up to 400 frames per second. An RGBW linear LED solution capable of working with the latest camera technology was then supplied to meet the requirement.

Eligible Product Families

Linc LED surface mounted luminaires with HD CAM optimized control unit, mode of protection IP54

Intelligence

Knowledge

Definitions/Details [Page 292](#)

Lamp Data [Page 293](#)

Building Information Modeling
[Page 294](#)

Quick Code [Page 294](#)

Augmented Reality [Page 295](#)

Certificates, Manufacturer guarantee
[Page 296](#)

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Definitions / Details

Luminaire Luminous Flux Llm

The luminaire luminous flux (Llm) defines the usable light of the luminaire and is the decisive value in lighting design. As opposed to the lamp luminous flux (lm), the luminaire luminous flux (Llm) accounts for losses due to the design of the luminaire and thermal losses associated with LED systems. WILA defines only the Llm value for all LED lamps at operating temperature. This value can be found both in data sheets and in the relevant EULUMDAT file.

System Efficiency Llm/W

System efficiency defines the ratio of luminaire luminous flux (Llm) to power input (W). Efficiency losses due to gear boxes have already been taken into account by WILA in the Llm/W value.

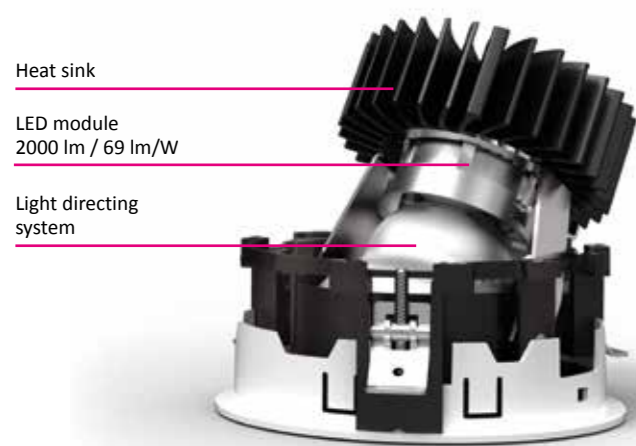
System Photometric Data

For a qualified comparison between LED luminaires and luminaires with compact fluorescent lamps, it is important to ensure first that the products to be compared share approximately the same photometric data. Sample calculation:

LED luminous flux 2000 lm (100%) - system losses (light output ratio) = luminaire luminous flux 1720 Llm

LED efficiency 2000 lm : 29 W = 69 lm/W

System efficiency 1720 Llm : 31 W (29 W LED module + 2 W driver) = 55 Llm/W



alphabet spectra
Luminaire luminous flux 1720 Llm
System efficiency 55 Llm/W

Cut-off Angle

The cut-off angle of luminaires is defined as the angle between the horizontal plane and the point from which the light source is not yet directly visible. The increased visual comfort offered by shielded light sources is clearly perceivable. The Downlights of the abet zono family of products, for example, is due to their very good cut-off angle of 30°.

Half-peak Divergence Angle α

For accent lighting, the half-peak divergence angle α is given rather than the beam spread angle. The half-peak divergence angle is defined as the angle of the rotationally symmetrical luminous intensity distribution at which the luminous intensity equals half of its maximum value. The half-peak divergence angle is given as a full angle: super spot < 10°, spot 10°-20°, flood 21°-45°, wide flood 46°-55° and very wide flood > 55°

Beam Spread Angle γ

The beam spread angle γ is defined as the angle at which the luminous intensity drops to 1% of the maximum value lmax. It is measured from the vertical (see luminous intensity distribution curve) and is an important measurement for glare reduction.

Limits of the average luminance of screens with a beam angle of > 65°

	Screen high illuminance ≥ 200 cd/m ²	Screen average illuminance ≤ 200 cd/m ²
Positive polarity and usual requirements ¹⁾	≤ 3000 cd/m ²	≤ 1500 cd/m ²
Negative polarity and high requirements ²⁾	≤ 1500 cd/m ²	≤ 1000 cd/m ²

1) Example Office programme, dark text on bright background
2) Example CAD programme, bright lines on dark background

Light Output Ratio of a luminaire η_{ls}

The light output ratio of a luminaire is the ratio of the luminous flux of the luminaire to the luminous flux of the light source. It includes the optical, light directing properties of the luminaire and the thermal properties of the light source. A special feature of office luminaires with T16 lamps is that the maximum light flux of the T16 lamp is achieved at 33-37°C. The value measured and stated in the catalogues is much lower at 25°C. For example, OSRAM gives a correction factor (F) for this of 0.9 and, with FQ, of 0.88. You can use the formula φ_{max} = φ/F to calculate the maximum light flux. Important: with our luminaires, you can use the list light flux at 25°C because we have already included the additional benefit in η_{ls}.

UGR

The UGR method takes into account the layout of the luminaires in the room and evaluates the glare produced by the entire lighting system for a specific observer's position. WILA provides UGR values where the observer's position is parallel to the longitudinal axis of the luminaire and the lamp/luminaire axis is parallel to the longer side of the room. The UGR method is implemented on the basis of simple tables. A low UGR value indicates that glare is negligible or non-existent. Suitability examples of maximum UGR values: 16 for drafting rooms, 19 for offices and control rooms, 22 for precision industrial tasks, 25 for light industrial tasks and 28 for heavy industrial tasks.

Luminous Intensity Distribution

In order to give a clearer overview, the luminous intensity distribution curves have been divided into groups. Shown are the planes from 0° to 180° (red line) and from 90° to 270° (blue line). The 0° plane is on the right.

Beam Chart

For accent luminaires beam charts are shown. The angle of the spread out beam corresponds to the half-peak divergence angle of the luminous intensity. Diameter and average illuminance E_m [lx] can be read from the chart for each corresponding height.

Planning Grid Room

The chart is intended as a means of calculating the approximate illuminance required for ceiling grids in rooms and corridors. For the 600 grid, the illuminances should be multiplied by a factor of 0.9.

Colour Rendering Index CRI

The colour rendering index CRI documents the quality of the colour rendering of light sources on the basis of eight defined test colours (R1-R8).

Colour temperature K

2700K super warm white
3000K warm white
4000K neutral white

MacAdams ellipses

The deviation from the target chromaticity coordinate, is given in the SDCM (Standard Deviation of Colour Matching). Deviations of < 2 SDCM are classified as being 'imperceptible to the eye'.

Index

-DV = loop-in/loop-out function
-DD = dimmable, DALI
-DD-DV = DALI dimmable with loop-in/loop-out function
-PT = integrated luminaire controller with Daylight control and Presence detector

Abbreviations/Dimensions

OH = overhang, max. length of luminaire from the centre of reflector
W, W1 = width information
D = diameter
CO = ceiling, wall or floor cut-out for recessed luminaires
CO W = width of ceiling or wall cut-out for recessed luminaires
CO L = length of ceiling or wall cut-out for recessed luminaires
RD = required installation depth for recessed luminaires under consideration of F conditions
H, H1= height information
K = colour temperature in Kelvin
L, L1 = length information
Q = reflector size, square
R = reflector size, round
Ra = colour rendering index
W = electrical power
α = half-peak divergence angle
γ = beam spread angle

Reflector sizes

With the reflector size Q or R results the following ceiling cut-out CO (in mm) of the luminaire:

Q	01	03	05	08	10	15	18	21			
CO	32x32	51x51	68x68	95x95	120x120	170x170	200x200	235x235			
R	01	03	05	08	10	13	15	18	23	27	37
CO	32	51	68	95	120	140	165	195	240	280	380

Lamp Data - Fluorescent lamp

Fluorescent lamp

ZVEI	ILCOS	Osram	Philips	Socket	P [W]	φ[lm] ¹⁾
TC-TEL	FSMH-13/40/1B-I-GX24d=1	Dulux T/E 13W/840 Plus	-	G 24 q1	13	900
	FSMH-14/40/1B-E-GR14q-1	Dulux T/E 14W HE	Master PL-R Eco 14W/840/4P	GR14 q-1	14	1050
	FSMH-17/40/1B-E-GR14q-1	Dulux T/E 17W HE	Master PL-R Eco 17W/840/4P	GR14 q-1	17	1250
TC-TELI ²⁾	FSMH-18/40/1B-GX24q=2	-	Master PL-T Top 18W/840/4P	GX 24 q-2	18	1200
	FSMH-26/40/1B-GX24q=3	-	Master PL-T Top 26W/840/4P	GX 24 q-3	26	1800
	FSMH-32/40/1B-GX24q=3	Dulux T/E 32W/840 IN Plus	Master PL-T Top 32W/840/4P	GX 24 q-3	32	2400
	FSMH-42/40/1B-GX24q=4	Dulux T/E 42W/840 IN Plus	Master PL-T Top 42W/840/4P	GX 24 q-4	42	3200
	FSMH-57/40/1B-GX24q=5	Dulux T/E 57W/840 IN Plus	Master PL-T Top 57W/840/4P	GX 24 q-5	57	4300
T16	FDH-14/40/1B-L/P-G5-16/549	FH 14W/840 HE	Master TL5 HE 14W/840	G 5	14	1200
	FDH-24/40/1B-L/P-G5-16/549	FQ 24W/840 HO	Master TL5 HO 24W/840	G 5	24	1750
	FDH-28/40/1B-L/P-G5-16/1149	FH 28W/840 HE	Master TL5 HE 28W/840	G 5	28	2600
	FDH-35/40/1B-L/P-G5-16/1449	FH 35W/840 HE	Master TL5 HE 35W/840	G 5	35	3300
	FDH-39/40/1B-L/P-G5-16/849	FQ 39W/840 HO	Master TL5 HO 39W/840	G 5	39	3100
	FDH-49/40/1B-L/P-G5-16/1449	FQ 49W/840 HO	Master TL5 HO 49W/840	G 5	49	4300
	FDH-54/40/1B-L/P-G5-16/1149	FQ 54W/840 HO	Master TL5 HO 54W/840	G 5	54	4450
	FDH-80/40/1B-L/P-G5-16/1449	FQ 80W/840 HO	Master TL5 HO 80W/840	G 5	80	6150

¹⁾ Mean values, for exact data refer to manufacturers' information

²⁾ Notice amalgam lamps: We recommend the use of compact fluorescent lamps with amalgam for Downlights (T16-TI, TC-TELI). For areas of short duration lighting, we recommend the use of compact fluorescent lamps without amalgam (T16-R, TC-TEL/DEL), since amalgam lamps require a longer start-up time to reach a relative luminous flux.

Quick Code

The Quick Link takes you from the printed catalogue to your desired project on the WILA website right away. Simply enter the black-highlighted code into the search box of the WILA homepage. You will then be directed to the same product group and just have to select the desired control gears, e.g. DALI at the end of the column. One click will then take you to the product data sheet.

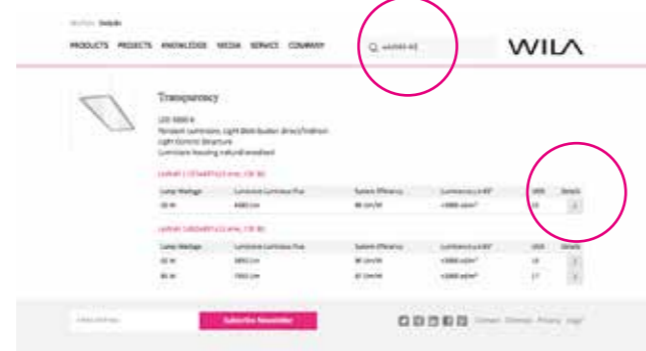
Needless to say, you can also enter the complete article number in the search box on the WILA website to access the desired product.

1. Find the code for this Quick Link above the product chart



2. Enter the code. For alternative product versions replace the index in the footer line below the printed chart, e.g. wila583-40 by wila583-30 for 3000 K

3. Select control gear ("Details") and you will be directed to the product data sheet



Augmented Reality

The 3D models can be viewed from every angle depending on the positioning of the sheet, up or down, left or right side. The size of the 3D model can be changed by zooming in and out on the touchscreen. We hope you enjoy discovering new views!

1. Use one of the QR Codes at the top to download the free Junaio Browser to your Smartphone or iPad



iPhone App



iPad App



Android App

2. Scan the WILA QR Code. Please repeat this step when you open the Junaio App again.

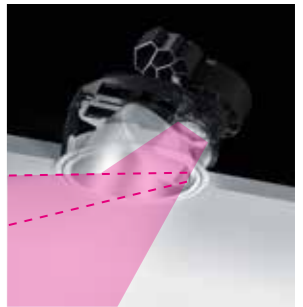


WILA QR-Code

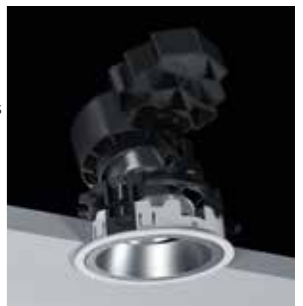
3. Hold your smartphone or iPad at any of the shown "targets" on the right and a 3D model of the product will appear instantly.



abet focus
Wallwasher
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abet focus
Fully recessed
adjustable Spotlights
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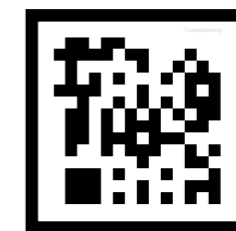
reddot design award
winner 2013



abet zono
49 mm recessed
depth
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Downlight
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reddot award 2014
winner lighting design

GOOD DESIGN
Award 2014

BIM - Building Information Modeling

BIM stands for the digital planning of a building and the creation of a virtual model of that building. Such a tool offers a range of benefits, including providing the most up-to-date data or version of a model which is available at any times.

3D simulation tools enable architects and designers to realise and visualise their ideas. WILA lights from the recently premiered alphabet family and others can now be integrated in the design, thanks to 3D data sets available for the Autodesk Revit Architecture planning software.

Product highlights in 3D

From now on, WILA will provide data for its alphabet family as well as all new LED products in the form of RFA models, giving architects greater design freedom and offering increased planning certainty. (A RFA document is a simplified 3D-model, which is linked to photometric data in an IES format.)

Moreover, the specific data for the downlight alphabet focus, for example, featuring focusable lens technology, will also be available, allowing visualisation of the smallest and greatest light distribution angles and of the light colour in a room. Because of the unique file format, the amount of data about a downlight can be reduced to 20% of the original 3D construction model.

Planning standards for Projects

The aim of the Autodesk Revit Architecture planning software is to gather digitally all the construction and inventory data into one source and then to combine and link it. The technology was specifically created for Building Information Modeling (BIM), making it a perfect design and presentation tool for architects and others. The tool is already widely used in the US and the UK and is becoming more important in the German market too, as more and more clients ask for project data in line with BIM guidelines.

Informations

www.buildingsmart.de

Product data

www.wila.com/en/service/planning_data/



Globally committed

ZVEI Code of Conduct for Social Responsibility

As a member of ZVEI e.V. (Association of the Electrical Engineering and Electronics Industry) WILA has been committed to upholding the "ZVEI Code of Conduct for Social Responsibility" since 2012. On the basis of this commitment WILA acts with socially responsible corporate governance at all its sites. Integrity, fairness, respect for human dignity, open-mindedness and non-discrimination in religious, ideological, gender and ethical matters are not only practised internally but also required from our international suppliers.

<http://www.zvei.org/en/subjects/society-the-environment/Pages/ZVEI-Code-of-Conduct-english.aspx>



Guaranteed Quality

WILA guarantees for 5 years that the products of the WILA brand will be free of manufacturing and/or material defects with correct usage. This guarantee applies for all standard products listed in this brochure and their variants. You can find further details about the guarantee and the required registration on „Service“ www.wila.com



Our Footprint - CO2 Neutral

"We take our responsibility towards the environment very seriously. This is why we have worked with the consultants Carbon Footprint Limited for many years (www.carbonfootprint.com)," says Mike Collett, CEO WILA Group.

DGNB

WILA is affiliated to the Deutsche Gesellschaft für nachhaltiges Bauen (German Association for Sustainable Construction).

Efficiency plus

The minimum standard of WILA products includes efficiency-optimized lighting technology, reduced volume and quantity of materials, a minimisation of the number of parts, the mechanical separation of materials as well as the use of stable, pollutant-free, non-composite and durable materials.

Green business management

The Iserlohn site has switched its energy supply to 100% green power from renewables and to CO2-neutral production.

Climate neutral print medias

All print media are printed with mineral oil free inks on PEFC certified paper. And paper sourced from woods from regional and sustainable forests is used.

EN ISO 9001 and EN ISO 14001

WILA is certified according to the EN ISO 9001 quality management system and the EN ISO 14001 environmental management system.

RoHS

WILA products comply with the RoHS Directive (Restriction of Hazardous Substances) restricting the use of certain hazardous substances in electronic devices.

WEEE

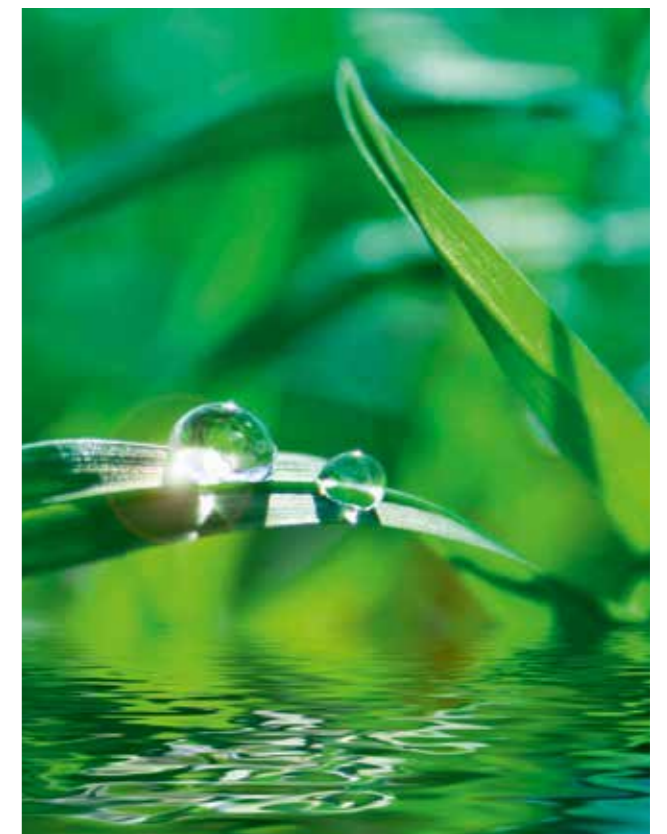
WILA products comply with the WEEE Directive (Waste Electrical and Electronic Equipment) on the management of electronic waste.

Interseroh

The return/acceptance, recycling and disposal of electrical and electronic devices and their packaging in Germany is managed through Interseroh.

EuP und EnEV

Product development is compliant with European standards such as the EU's ErP Directive (Energy-related Products) and the Energy Conservation Regulation (Energieeinsparungsverordnung, EnEV).



Our partners for better light

- DIAL - German Institute for Applied Lighting Technology (GER)
- FGL - Alliance for the Promotion of Good Lighting (GER)
- ICEL - Industry Committee for Emergency Lighting (UK)
- LIA - Lighting Industry Association (UK)
- ZVEI - Central Electrical Engineering and Industrial Association (GER)



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