**Schréder**
Experts in lightability™

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ROAD

# IZYLUM LT

LENSO FLEX™ 4
HI FLEX™ 1&2
HI FLEX™ 2

IP 66 | IK 08

## Lightweight, cost-effective solution for maximised energy savings in outdoor lighting

IZYLUM LT is an innovative street and road lighting solution that prioritises both energy efficiency and ease of use. It has been designed to offer the ultimate lighting solution for outdoor areas, providing high performance and functionality in a simple, user-friendly design.

With its three size options and various photometric technologies, it can be used for a wide range of applications, from city streets to public places, car parks, bike paths, bridges, roads, and motorways.

The IZYLUM LT universal fixation system allows easy, seamless switching between post-top and side-entry positions, eliminating the need for disconnection or additional effort. This feature ensures maximum flexibility and adaptability for any lighting application.

URBAN & RESIDENTIAL STREETS | BRIDGES | BIKE & PEDESTRIAN PATHS | RAILWAY STATIONS & METROS | CAR PARKS | SQUARES & PEDESTRIAN AREAS | ROADS & MOTORWAYS

## Concept

The IZYLUM LT luminaire range exemplifies a lean design approach, featuring a compact and efficient concept that uses minimal raw materials. This results in a cost-effective, sustainable lighting solution.

This luminaire is made of recyclable materials such as aluminium and glass, and is designed to promote circular economy principles through its accessible and replaceable components. This makes it easy to maintain and prolongs the life-cycle of the product.

The IZYLUM LT luminaire is available in three sizes, making it a versatile and efficient lighting solution for a wide range of applications, whether for city streets, public places, car parks, bike paths, bridges, roads or motorways.

The IZYLUM LT luminaires rely on advanced photometric technologies to precisely meet the unique demands of lighting projects and comply with local regulations. The LensoFlex®4 and HiFlexTM platforms offer flexible, energy-efficient photometric solutions that can be tailored to meet the specific lighting needs of any project while maximising savings and providing a quick return on investment.

IZYLUM LT features the versatile IzyFix universal fixation system, which allows easy post-top and side-entry installation on a variety of spigot sizes (Ø32mm, Ø42-48mm, Ø60mm and Ø76mm). The IzyFix system enables IZYLUM LT to be easily repositioned without the need to remove it from the pole, offering unparalleled flexibility in pole and bracket configurations. Additionally, for added convenience during installation and maintenance, the luminaire offers tool-free access to the gear compartment.

IZYLUM LT is a connected-ready luminaire that can be equipped with optional NEMA or Zhaga sockets, enabling it to easily integrate with various connected lighting systems, and providing greater adjustability and control.

## TYPES OF APPLICATION

- URBAN & RESIDENTIAL STREETS
- BRIDGES
- BIKE & PEDESTRIAN PATHS
- RAILWAY STATIONS & METROS
- CAR PARKS
- SQUARES & PEDESTRIAN AREAS
- ROADS & MOTORWAYS

## KEY ADVANTAGES

- Cost-effective and efficient to maximise energy and maintenance savings
- Robust and recyclable materials
- Tool free access
- On-site adjustment from post-top to side-entry without disconnecting the luminaire from the pole thanks to IzyFix
- Zhaga-D4i certified
- Connected-ready
- HiFlex™ photometric engine designed for optimised energy efficiency
- LensoFlex®4 versatile solutions for high-end photometries maximising comfort and safety

IZYLUM LT is a cost-effective, energy-efficient lighting solution that offers the most optimised total cost of ownership in a compact design.


IZYLUM LT meets the requirements of the circular economy.

Available in three sizes with various photometric technologies, IZYLUM LT provides a solution for a wide range of lighting applications.

The versatile IzyFix system allows easy switching between post-top and side-entry positions, simplifying the ordering and installation process.

## IZYLUM LT | IZYLUM LT 1

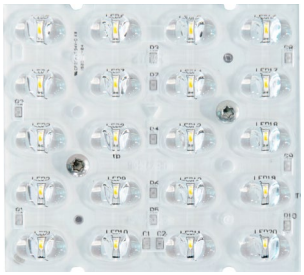
## IZYLUM LT | IZYLUM LT 2

## IZYLUM LT | IZYLUM LT 3

## LensoFlex®4

LensoFlex®4 maximises the heritage of the LensoFlex® concept with a very compact yet powerful photometric engine based upon the addition principle of photometric distribution. The number of LEDs in combination with the driving current determines the intensity level of the light distribution. With optimised light distributions and very high efficiency, this fourth generation enables the products to be downsized to meet application requirements with an optimised solution in terms of investment.

LensoFlex®4 optics can feature backlight control to prevent intrusive lighting, or a glare limiter for high visual comfort.



## HiFlex™

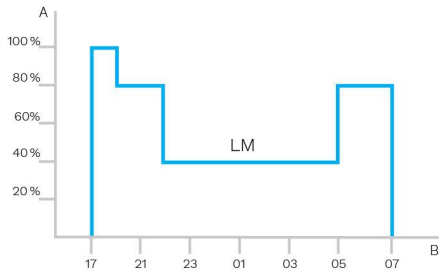
The HiFlex™ platform is expertly designed to optimise energy efficiency. Its photometric engines feature high-power LEDs that deliver exceptional performance while consuming minimal energy, resulting in unmatched efficacy (lm/W).

Ideal for projects that require a streamlined approach to maximising lighting efficacy and achieving swift ROI, HiFlex™ is available in two versions: HiFlex™1, boasting 24 LEDs and HiFlex™2, equipped with 36 LEDs. Both variants are designed with the priorities of compactness, cost-effectiveness and high performance in mind.

## Custom dimming profile

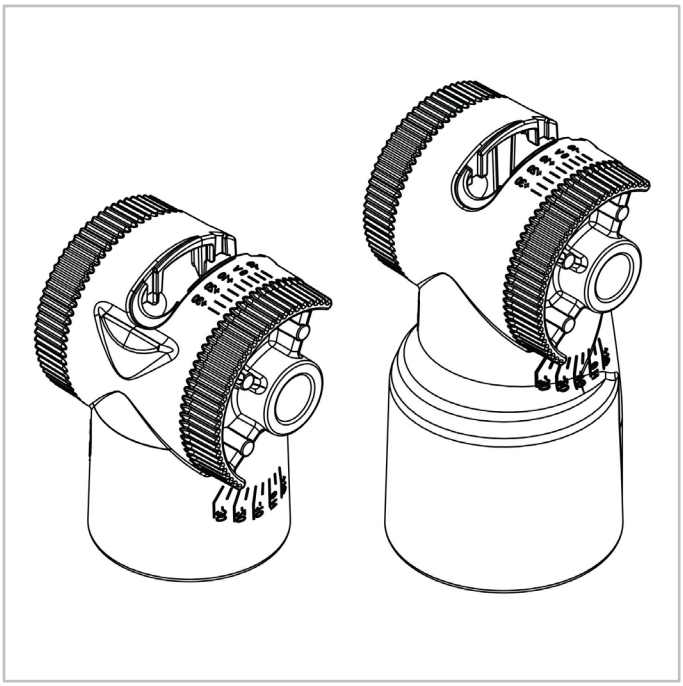
Intelligent luminaire drivers can be programmed with complex dimming profiles. Up to five combinations of time intervals and light levels are possible. This feature does not require any extra wiring.

The period between switching on and switching off is used to activate the preset dimming profile. The customised dimming system generates maximum energy savings while respecting the required lighting levels and uniformity throughout the night.




A. Dimming level | B. Time

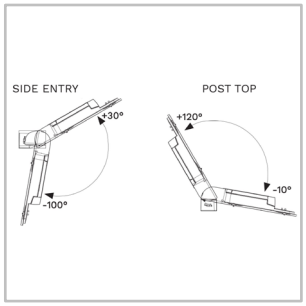
**The Schréder IzyFix patented high-pressure die-casted aluminium universal fixation system is an integral part of the luminaire mounted in the factory. The IzyFix system aims to fit needs worldwide by meeting IEC and ANSI 3G testing requirements. It is intended to simplify life for customers and installers in the process of purchasing and installing luminaires for various applications.**



## From post-top to side-entry in one movement

The innovative design allows changing from a side-entry to a post-top position – even with luminaires ordered with factory pre-cabling – without any switching work on the fixation or disconnection from the pole. Therefore the type of mounting (horizontal or vertical) does not have to be considered when ordering. This unique feature also eases installation. After setting the correct position, an accessory is provided to cover the resulting space and ensure further protection of the luminaire.

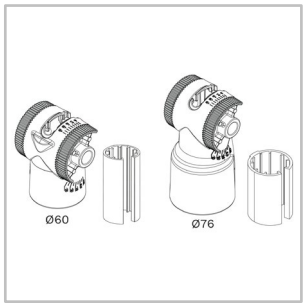
## Best-in-class tilting range




The IzyFix universal fixation system enables a best-in-class range of mounting angle of 130°*, to ensure maximum lighting performance for all kinds of road scenarios and offer the possibility of installing the luminaire in extreme situations as well. With a setting mark on the body and angles on the spigot, adjusting is carried out in 5° increments by loosening two screws. The wide tilting range enables more comfortable access to the gear compartment during field maintenance.

*Depending on the size and shape of the luminaire, the inclination angle may be reduced. For more accurate information, always consult the installation sheets.

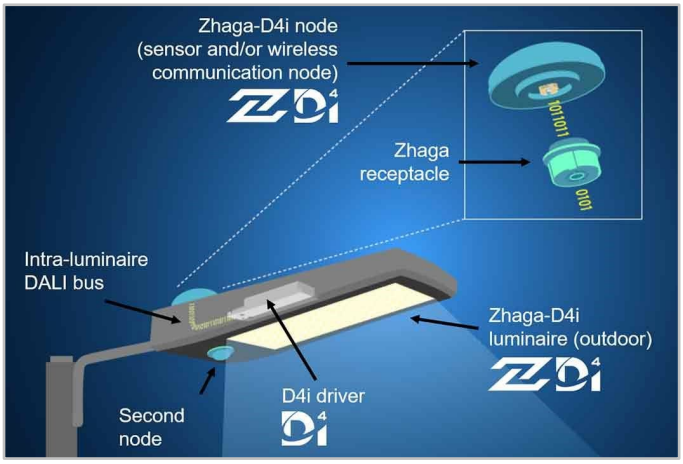
## Variation for all poles




Due to the many different applications used worldwide, Schréder has created a range of fixation systems and reducers to satisfy all needs that might come up on the market.

| | IzyFix Ø60mm | IzyFix Ø76mm |
|---|---|---|
| Ø32mm spigot | ✓ (with reducer) | ✓ (with reducer) |
| Ø42-48mm spigot | ✓ | ✓ (with reducer) |
| Ø60mm spigot | ✓ | ✓ |
| Ø76mm spigot | × | ✓ |

**The Zhaga consortium joined forces with the DiiA and produced a single Zhaga-D4i certification that combines the Zhaga Book 18 version 2 outdoor connectivity specifications with the DiiA's D4i specifications for intra-luminaire DALI.**




## Standardisation for interoperable ecosystems

Member of Zhaga

As a founding member of the Zhaga consortium, Schréder has participated in the creation of, and therefore supports, the Zhaga-D4i certification program and the initiative of this group to standardise an interoperable ecosystem. The D4i specifications take the best of the standard DALI2 protocol and adapt it to an intra-luminaire environment but it has certain limitations. Only luminaire mounted control devices can be combined with a Zhaga-D4i luminaire. According to the specification, control devices are limited respectively to 2W and 1W average power consumption.

## Certification program

The Zhaga-D4i certification covers all the critical features including mechanical fit, digital communication, data reporting and power requirements within a single luminaire, ensuring plug-and-play interoperability of luminaires (drivers) and peripherals such as connectivity nodes.

## Cost-effective solution

A Zhaga-D4i certified luminaire includes drivers offering features that had previously been in the control node, like energy metering, which has in turn simplified the control device therefore reducing the price of the control system.

**Schréder EXEDRA is the most advanced lighting management system on the market for controlling, monitoring and analysing streetlights in a user-friendly way.**

## Standardisation for interoperable ecosystems

Schréder plays a key role in driving standardisation with alliances and partners such as uCIFI, TALQ or Zhaga. Our joint commitment is to provide solutions designed for vertical and horizontal IoT integration. From the body (hardware) to the language (data model) and the intelligence (algorithms), the complete Schréder EXEDRA system relies on shared and open technologies. Schréder EXEDRA also relies on Microsoft™ Azure for cloud services, provided with the highest levels of trust, transparency, standards conformance and regulatory compliance.

## Breaking the silos

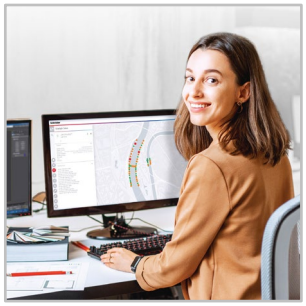
With EXEDRA, Schréder has taken a technology-agnostic approach: we rely on open standards and protocols to design an architecture able to interact seamlessly with third-party software and hardware solutions. Schréder EXEDRA is designed to unlock complete interoperability, as it offers the ability to:

- control devices (luminaires) from other brands
- manage controllers and to integrate sensors from other brands
- connect with third-party devices and platforms

## A plug-and-play solution

As a gateway-less system using the cellular network, an intelligent automated commissioning process recognises, verifies and retrieves luminaire data into the user interface. The self-healing mesh between luminaire controllers enables real-time adaptive lighting to be configured directly via the user interface. OWLET IV luminaire controllers, optimised for Schréder EXEDRA, operate Schréder's luminaires and luminaires from third parties. They use both cellular and mesh radio networks, optimising geographical coverage and redundancy for continuous operation.

## Tailored experience



Schréder EXEDRA includes all advanced features needed for smart device management, real-time and scheduled control, dynamic and automated lighting scenarios, maintenance and field operation planning, energy consumption management and third-party connected hardware integration. It is fully configurable and includes tools for user management and multi-tenant policy that enables contractors, utilities or big cities to segregate projects.

## A powerful tool for efficiency, rationalisation and decision making

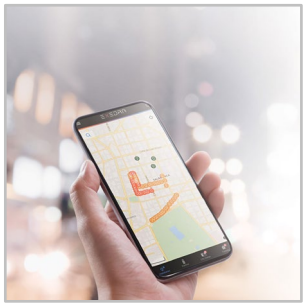
Data is gold. Schréder EXEDRA brings it with all the clarity managers need to drive decisions. The platform collects massive amounts of data from end devices and, aggregates, analyses and intuitively displays them to help end-users take the right actions.

## Protected on every side

ISO 27001
BUREAU VERITAS
Certification

Schréder EXEDRA provides state-of-the-art data security with encryption, hashing, tokenisation, and key management practices that protect data across the whole system and its associated services. The whole platform is ISO 27001 certified. It demonstrates that Schréder EXEDRA meets the requirements for establishing, implementing, maintaining and continually improving security management.

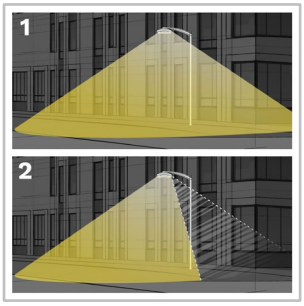
## Mobile App: any time, any place, connect to your street lighting



The Schréder EXEDRA mobile application offers the essential functionalities of the desktop platform, to accompany all types of operator on site in their daily effort to maximise the potential of connected lighting. It enables real-time control and settings, and contributes to effective maintenance.

**With the PureNight concept, Schréder offers the ultimate solution for restoring the night sky without switching off cities, while maintaining safety and well-being for people and preserving wildlife. The PureNight concept guarantees that your Schréder lighting solution satisfies environmental laws and requirements. Well-designed LED lighting has the potential to improve the environment in all respects.**

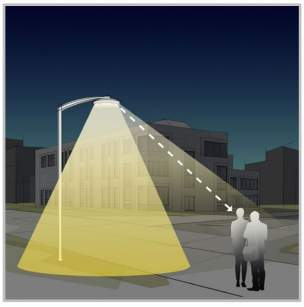
## Direct the light only where it is wanted and needed




Schréder is renowned for its expertise in photometry. Our optics direct light only where it is wanted and needed. However, light trespass behind the luminaire might be a key concern when it comes to protecting a sensitive wildlife habitat or avoiding intrusive lighting towards buildings. Our fully integrated backlight solutions easily address this potential risk.

1. Without backlight
2. With backlight

## Offer maximum visual comfort to people



Because of the lower installation height compared to road lighting, visual comfort is an essential aspect of urban lighting. Schréder designs lenses and accessories to minimise any type of glare (distracting, discomforting, disabling glare and blinding glare). Our design offices harness a range of possibilities to find the best solutions for each project and ensure that we provide a gentle light that delivers the best night-time experience.

## Protect wildlife

If not well designed, artificial lighting can badly affect wildlife. Blue light and excessive intensity can have a damaging effect on all types of life. Blue light radiation has the ability to suppress the production of melatonin, the hormone that contributes to the regulation of the circadian rhythm. It can also alter the behavioural patterns of animals including bats and moths, as it can change their movements towards or away from light sources. Schréder favours warm white LEDs with minimal blue light, combined with advanced control systems including sensors. This enables permanent adaptation of the lighting to the real needs of the moment, minimising disturbance to the fauna and flora.

## Get the starry sky back

The Upward Light Ratio (ULR) and Upward Light Output Ratio (ULOR), the latter taking the flux from the luminaire into account, provide information on the percentage of light emitted towards the sky. This Schréder range of luminaires minimises or eliminates (depending on the options) upward-directed light flux. It complies with strict international and local requirements.

## GENERAL INFORMATION

| | |
|---|---|
| Recommended installation height | 4m to 15m \| 13' to 49' |
| Circle Light label | Score ≥90 - The product fully meets circular economy requirements |
| Driver included | Yes |
| CE mark | Yes |
| ENEC certified | Yes |
| ENEC+ certified | Yes |
| Zhaga-D4i certified | Yes |
| Testing standard | EN 60598-1<br>EN 60598-2-1<br>EN 62262 |

## HOUSING AND FINISH

| | |
|---|---|
| Housing | Aluminium |
| Optic | PMMA |
| Protector | Tempered glass |
| Housing finish | Polyester powder coating |
| Standard colour(s) | AKZO grey 900 sanded |
| Tightness level | IP 66 |
| Impact resistance | IK 08 |
| Vibration test | Compliant with ANSI C 136-31 standard, 3G load<br>Compliant with modified IEC 68-2-6 (0.5G) |
| Access for maintenance | Tool-less access to gear compartment |

## OPERATING CONDITIONS

| | |
|---|---|
| Operating temperature range (Ta) | -30°C up to +55°C / -22°F up to 131°F with wind effect |

*· Depending on the luminaire configuration. For more details, please contact us.*

## ELECTRICAL INFORMATION

| | |
|---|---|
| Electrical class | Class I EU, Class II EU |
| Nominal voltage | 120-277V – 50-60Hz<br>220-240V – 50-60Hz |
| Surge protection options (kV) | 10 |
| Electromagnetic compatibility (EMC) | EN 55015 / EN 61000-3-2 / EN 61000-3-3 / EN 61547 |
| Control protocol(s) | 1-10V, DALI |
| Control options | AmpDim, Bi-power, Custom dimming profile, Remote management |
| Socket | Zhaga (optional)<br>NEMA 7-pin (optional) |
| Associated control system(s) | Schréder EXEDRA |

## OPTICAL INFORMATION

| | |
|---|---|
| LED colour temperature | 2200K (Warm White WW 722)<br>2700K (Warm White WW 727)<br>3000K (Warm White WW 730)<br>3000K (Warm White WW 830)<br>4000K (Neutral White NW 740) |
| Colour rendering index (CRI) | >70 (Warm White WW 722)<br>>70 (Warm White WW 727)<br>>70 (Warm White WW 730)<br>>80 (Warm White WW 830)<br>>70 (Neutral White NW 740) |
| ULOR | 0% |
| ULR | 0% |

*· ULOR may be different according to the configuration. Please consult us.*
*· ULR may be different according to the configuration. Please consult us.*

## LIFETIME OF THE LEDS @ TQ 25°C

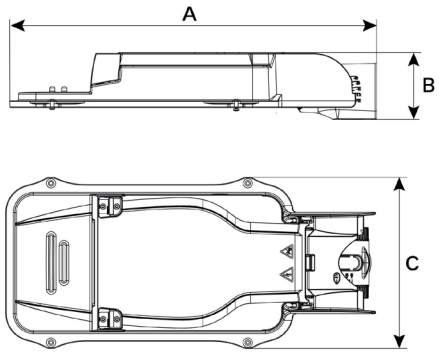
| | |
|---|---|
| All configurations | 100,000h - L95 |

*· Lifetime may be different according to the size/configurations. Please consult us.*

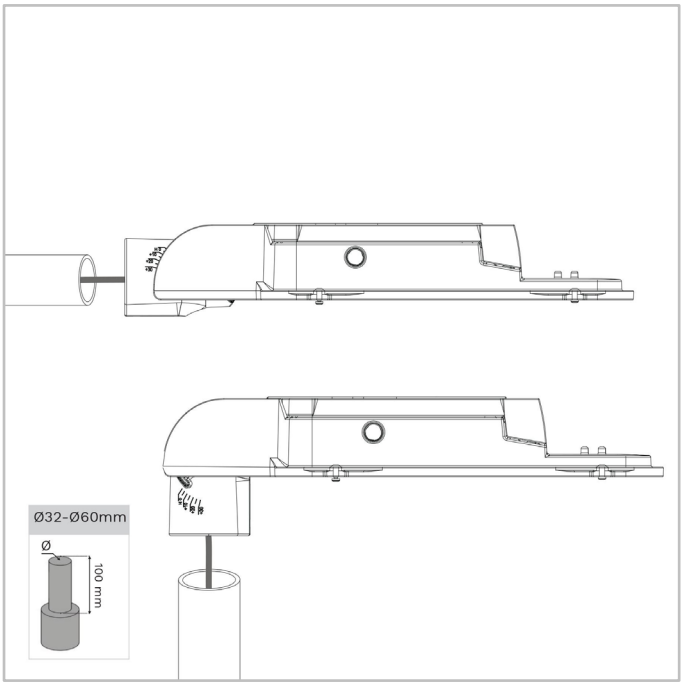
## DIMENSIONS AND MOUNTING

| | |
|---|---|
| AxBxC (mm \| inch) | IZYLUM LT 1 : 555x100x242 \| 21.9x3.9x9.5<br>IZYLUM LT 2 : 646x100x242 \| 25.4x3.9x9.5<br>IZYLUM LT 3 : 616x100x371 \| 24.3x3.9x14.6 |
| Weight (kg \| lbs) | IZYLUM LT 1 : 3.5-5.1 \| 7.7-11.2<br>IZYLUM LT 2 : 4.0-5.6 \| 8.8-12.3<br>IZYLUM LT 3 : 6.3-8.7 \| 13.9-19.1 |
| Aerodynamic resistance (CxS) | IZYLUM LT 1 : 0.03<br>IZYLUM LT 2 : 0.03<br>IZYLUM LT 3 : 0.04 |
| Mounting possibilities | Side-entry slip-over – Ø32mm<br>Side-entry slip-over – Ø42mm<br>Side-entry slip-over – Ø48mm<br>Side-entry slip-over – Ø60mm<br>Side-entry slip-over – Ø76mm<br>Post-top slip-over – Ø32mm<br>Post-top slip-over – Ø42mm<br>Post-top slip-over – Ø48mm<br>Post-top slip-over – Ø60mm<br>Post-top slip-over – Ø76mm |

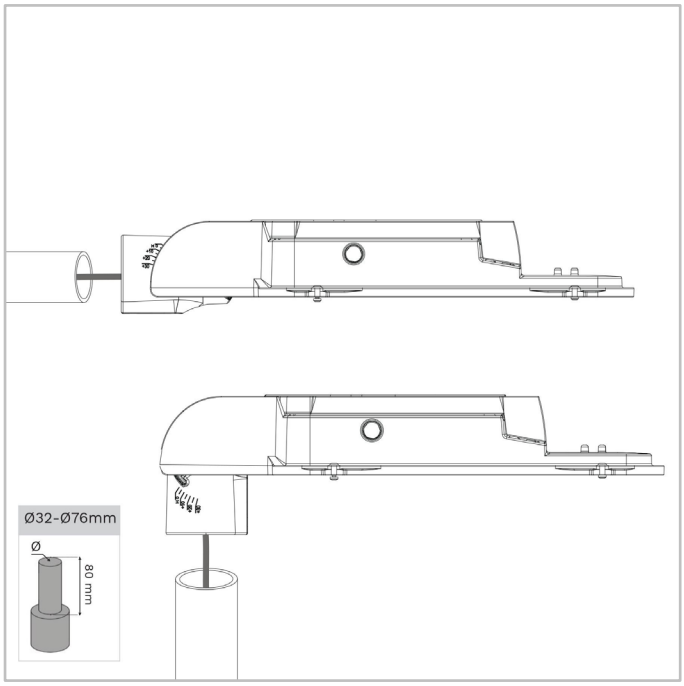
*· For more information about mounting possibilities, please consult the installation sheet.*
*· Dimensions given with Ø60mm spigot (side-entry mounting)*



## IZYLUM LT | Slip-over mounting for Ø32-60mm spigot - 2xM10 screws




## IZYLUM LT | Slip-over mounting for Ø32-76mm spigot - 2xM10 screws



IZYLUM LT 1

Photometry

HI FLEX™ 2

| | Luminaire output flux (lm) | | | | | | | | Power consumption (W) | | Luminaire efficacy (lm/W) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Warm White WW 722 | | Warm White WW 727 | | Warm White WW 730 | | Neutral White NW 740 | | | | |
| Number of LEDs | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Up to |
| 36 | 1900 | 9500 | 2200 | 10800 | 2300 | 11200 | 2500 | 12000 | 15 | 76 | 172 |

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

IZYLUM LT 1

Photometry

HI FLEX™ 1&2

| | Luminaire output flux (lm) | | | | | | | | Power consumption (W) | | Luminaire efficacy (lm/W) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Warm White WW 722 | | Warm White WW 727 | | Warm White WW 730 | | Neutral White NW 740 | | | | |
| Number of LEDs | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Up to |
| 21 | 1100 | 5500 | 1200 | 6300 | 1300 | 6500 | 1400 | 7000 | 9 | 46 | 164 |
| 24 | 1200 | 6300 | 1400 | 7200 | 1400 | 7400 | 1600 | 8000 | 11 | 52 | 166 |

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

IZYLUM LT 1

Photometry

LENSO FLEX™4

| | Luminaire output flux (lm) | | | | | | | | | | Power consumption (W) | | Luminaire efficacy (lm/W) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Warm White WW 722 | | Warm White WW 727 | | Warm White WW 730 | | Warm White WW 830 | | Neutral White NW 740 | | | | |
| Number of LEDs | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Up to |
| 10 | 700 | 3400 | 700 | 3500 | 800 | 3900 | 700 | 3600 | 800 | 4100 | 7 | 36 | 152 |
| 20 | 2100 | 6800 | 2200 | 7100 | 2400 | 7800 | 2200 | 7300 | 2500 | 8200 | 20 | 68 | 157 |
| 25 | 2000 | 8000 | 2100 | 8400 | 2300 | 9200 | 2100 | 8600 | 2500 | 10000 | 16 | 87 | 168 |

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

IZYLUM LT 2

Photometry

HI FLEX™2

| | Luminaire output flux (lm) | | | | | | | | Power consumption (W) | | Luminaire efficacy (lm/W) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Warm White WW 722 | | Warm White WW 727 | | Warm White WW 730 | | Neutral White NW 740 | | | | |
| Number of LEDs | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Up to |
| 72 | 4000 | 15700 | 4500 | 17700 | 4600 | 18400 | 5000 | 19800 | 27 | 123 | 191 |

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

IZYLUM LT 2

Photometry

HI FLEX™ 2

| | Luminaire output flux (lm) | | | | | | | | Power consumption (W) | | Luminaire efficacy (lm/W) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Warm White WW 722 | | Warm White WW 727 | | Warm White WW 730 | | Neutral White NW 740 | | | | |
| Number of LEDs | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Up to |
| 42 | 2200 | 11000 | 2500 | 12500 | 2600 | 13000 | 2800 | 14000 | 17 | 91 | 174 |
| 45 | 2400 | 11800 | 2700 | 13400 | 2800 | 13900 | 3000 | 15000 | 18 | 97 | 175 |
| 48 | 2500 | 12600 | 2900 | 14300 | 3000 | 14800 | 3200 | 16000 | 19 | 104 | 174 |

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

IZYLUM LT 2

Photometry

LENSO FLEX™ 4

| | Luminaire output flux (lm) | | | | | | | | | | Power consumption (W) | | Luminaire efficacy (lm/W) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Warm White WW 722 | | Warm White WW 727 | | Warm White WW 730 | | Warm White WW 830 | | Neutral White NW 740 | | | | |
| Number of LEDs | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Up to |
| 30 | 2200 | 8300 | 2300 | 8700 | 2500 | 9500 | 2300 | 8900 | 2600 | 10000 | 18 | 73 | 173 |
| 40 | 2900 | 11100 | 3100 | 11600 | 3300 | 12700 | 3100 | 11900 | 3500 | 13400 | 23 | 98 | 182 |
| 50 | 4000 | 11500 | 4200 | 12000 | 4600 | 13100 | 4300 | 12400 | 4800 | 14400 | 28 | 98 | 186 |

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

IZYLUM LT 3

Photometry

HI FLEX™ 2

| | Luminaire output flux (lm) | | | | | | | | Power consumption (W) | | Luminaire efficacy (lm/W) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Warm White WW 722 | | Warm White WW 727 | | Warm White WW 730 | | Neutral White NW 740 | | | | |
| Number of LEDs | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Up to |
| 108 | 6000 | 24500 | 6800 | 27700 | 7000 | 28800 | 7600 | 31000 | 43 | 192 | 180 |
| 144 | 8000 | 27400 | 9100 | 30900 | 9400 | 32100 | 10100 | 34600 | 54 | 202 | 189 |

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

IZYLUM LT 3

Photometry

HI FLEX™ 1&2

| | Luminaire output flux (lm) | | | | | | | | Power consumption (W) | | Luminaire efficacy (lm/W) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Warm White WW 722 | | Warm White WW 727 | | Warm White WW 730 | | Neutral White NW 740 | | | | |
| Number of LEDs | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Up to |
| 63 | 3400 | 15500 | 3800 | 17500 | 3900 | 18200 | 4300 | 19600 | 25 | 126 | 178 |
| 66 | 3500 | 16200 | 4000 | 18300 | 4100 | 19100 | 4500 | 20500 | 25 | 138 | 184 |
| 69 | 3700 | 17000 | 4200 | 19200 | 4300 | 19900 | 4700 | 21500 | 27 | 144 | 176 |
| 72 | 3800 | 17700 | 4300 | 20000 | 4500 | 20800 | 4900 | 22400 | 27 | 150 | 185 |
| 84 | 4500 | 20700 | 5100 | 23400 | 5300 | 24300 | 5700 | 26100 | 33 | 173 | 177 |
| 87 | 4700 | 21400 | 5300 | 24200 | 5500 | 25200 | 5900 | 27100 | 34 | 179 | 176 |
| 90 | 4800 | 23100 | 5400 | 26100 | 5700 | 27100 | 6100 | 29200 | 36 | 197 | 176 |
| 93 | 5000 | 23900 | 5600 | 27000 | 5900 | 28000 | 6300 | 30200 | 37 | 203 | 176 |
| 96 | 5100 | 24700 | 5800 | 27800 | 6000 | 29000 | 6500 | 31200 | 38 | 209 | 175 |

Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

IZYLUM LT 3

Photometry

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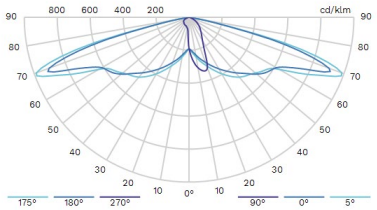
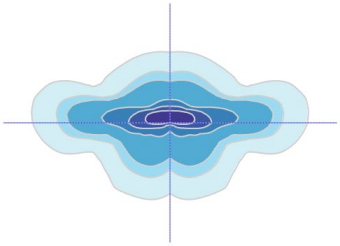
| | Luminaire output flux (lm) | | | | | | | | | | Power consumption (W) | | Luminaire efficacy (lm/W) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Warm White WW 722 | | Warm White WW 727 | | Warm White WW 730 | | Warm White WW 830 | | Neutral White NW 740 | | | | |
| Number of LEDs | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Up to |
| 50 | 3700 | 14600 | 3800 | 15200 | 4200 | 16700 | 3900 | 15700 | 4400 | 17700 | 30 | 139 | 174 |
| 60 | 4400 | 17500 | 4600 | 18300 | 5000 | 20000 | 4700 | 18900 | 5300 | 21200 | 37 | 165 | 170 |
| 70 | 5100 | 17000 | 5400 | 17800 | 5900 | 19500 | 5500 | 18300 | 6200 | 20600 | 44 | 144 | 166 |
| 75 | 6200 | 17800 | 6400 | 18600 | 7100 | 20300 | 6600 | 19100 | 7500 | 22200 | 45 | 154 | 177 |
| 80 | 5900 | 19500 | 6100 | 20300 | 6700 | 22200 | 6300 | 20900 | 7100 | 23600 | 46 | 164 | 180 |
| 100 | 8200 | 19000 | 8600 | 19800 | 9400 | 21700 | 8800 | 20400 | 9900 | 23700 | 57 | 151 | 185 |

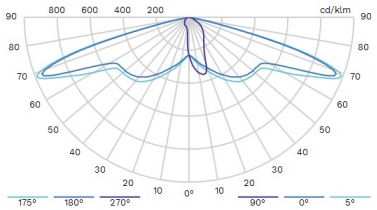
Tolerance on LED flux is ± 7% and on total luminaire power ± 5 %

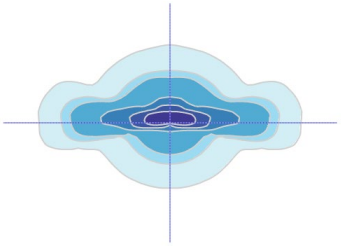
## 5300



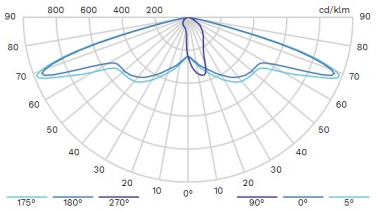



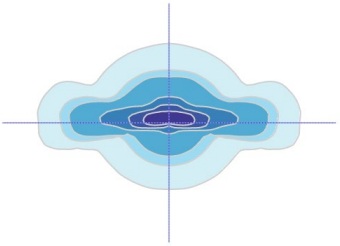
## 5300 BL



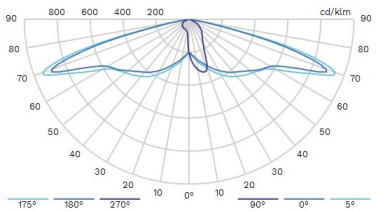



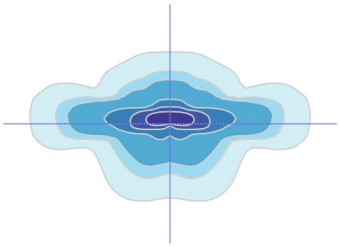
## 5300 BL LE



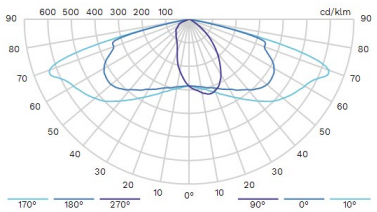



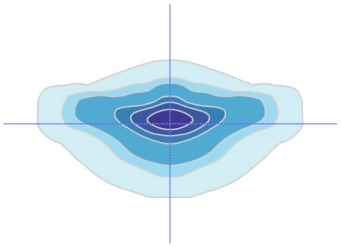
## 5300 LE



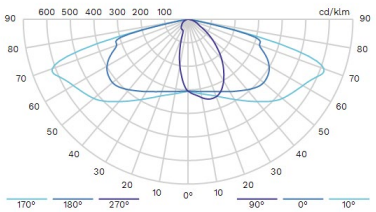



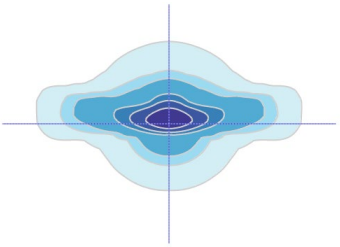
## 5301



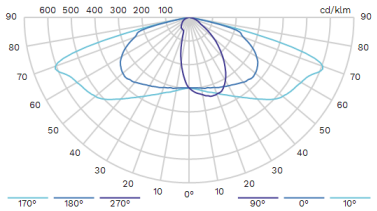



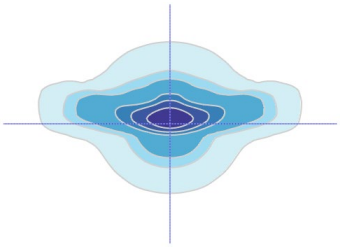
## 5301 BL



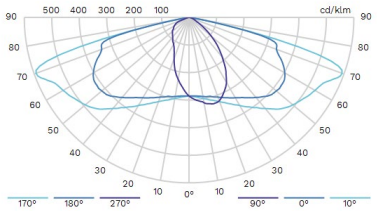



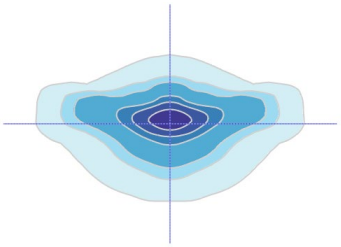
## 5301 BL LE



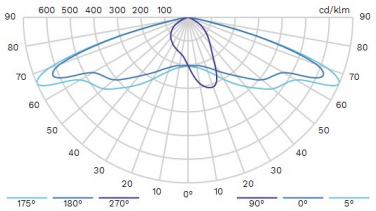



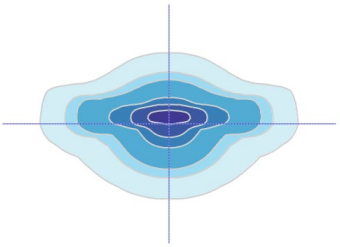
## 5301 LE



## 5302



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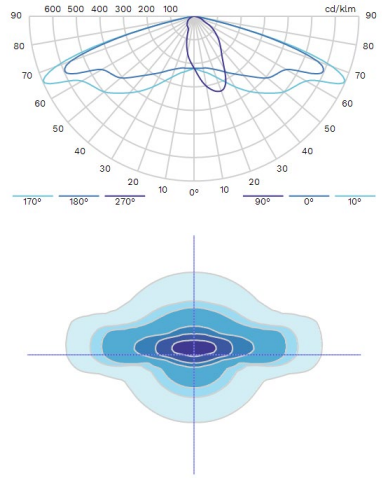
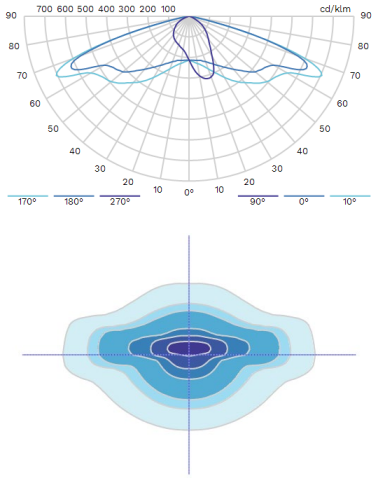
## 5302 BL



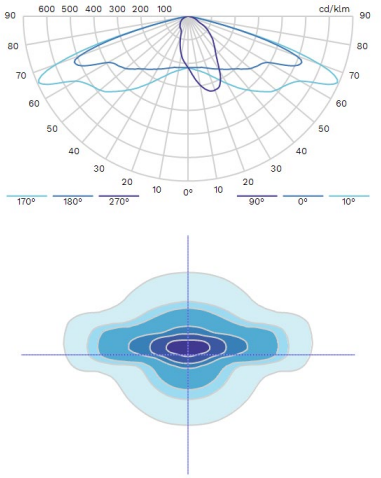

LENSO FLEX™4

## 5302 LE




LENSO FLEX™4

## 5302 LE BL




LENSO FLEX™4

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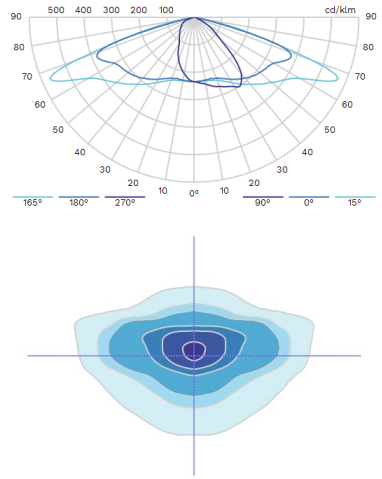


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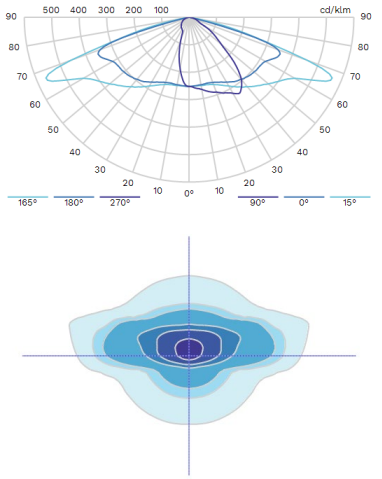
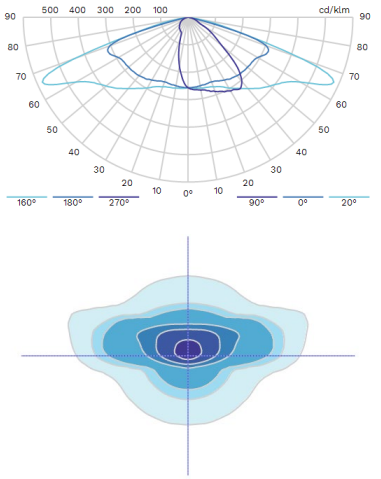



LENSO FLEX™4

## 5303 BL LE

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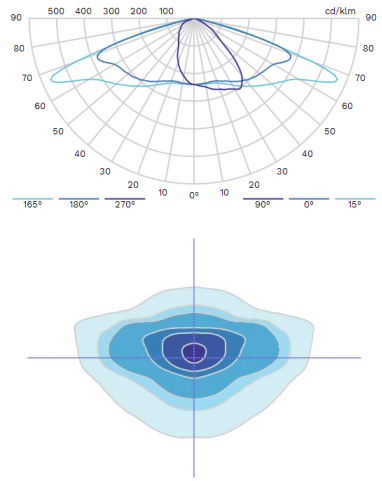


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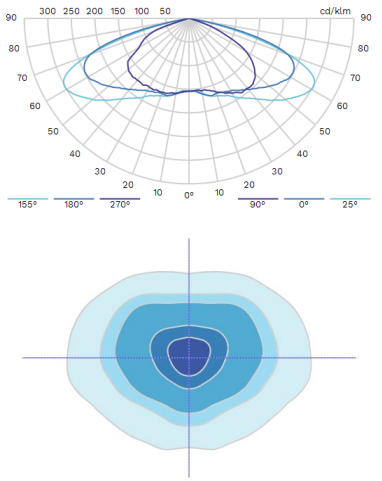
## 5304

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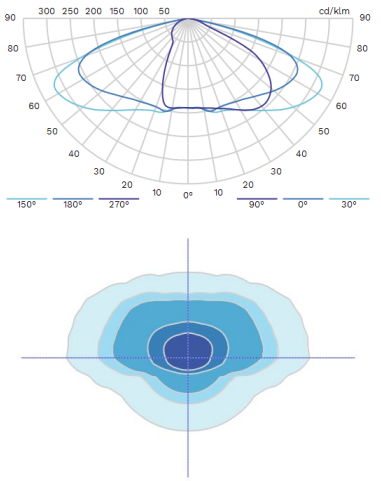

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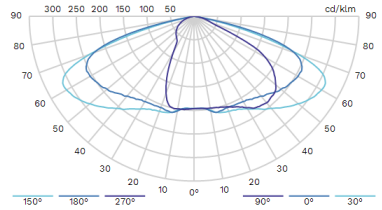
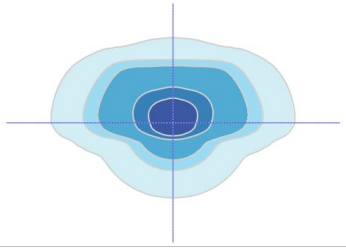
## 5304 BL LE



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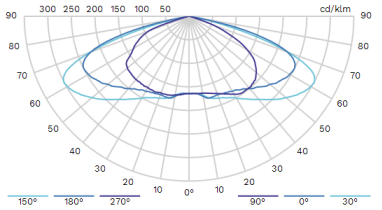
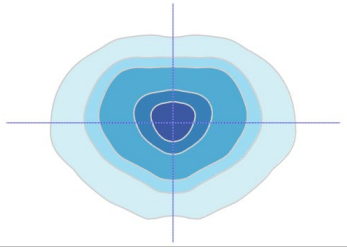
## 5304 LE



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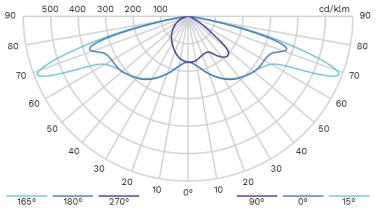
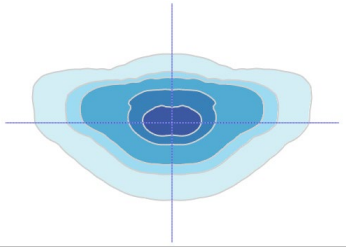
## 5305



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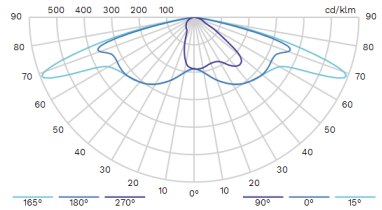
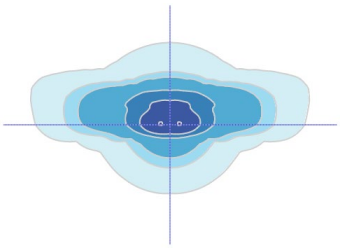
## 5305 BL



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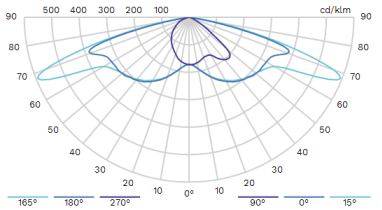


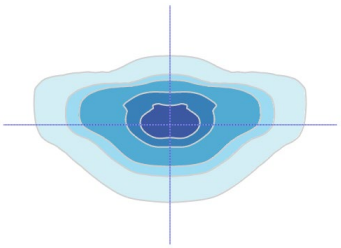

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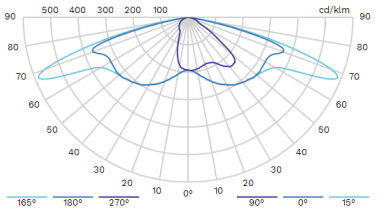
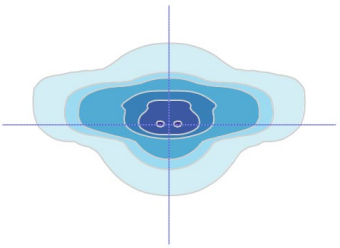
## 5305 LE BL



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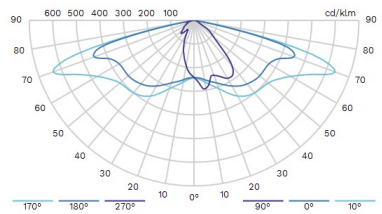
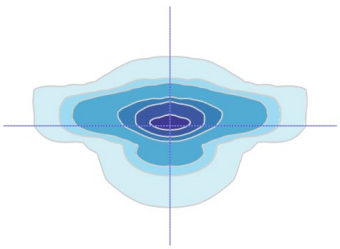
## 5306



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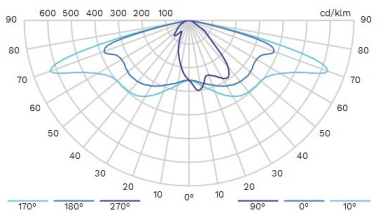


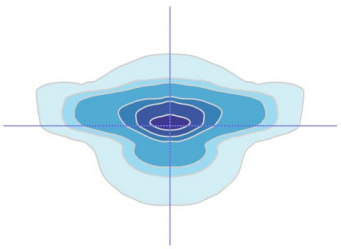

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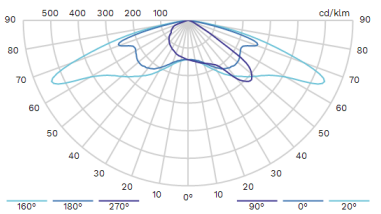
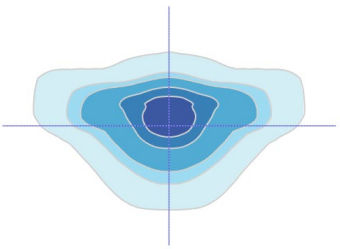
## 5307



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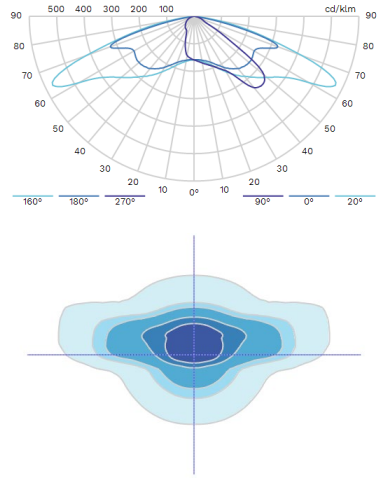
## 5307 BL

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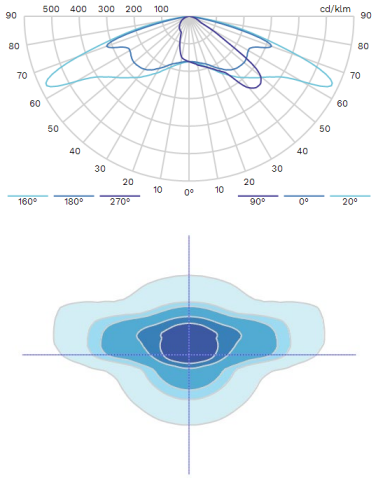
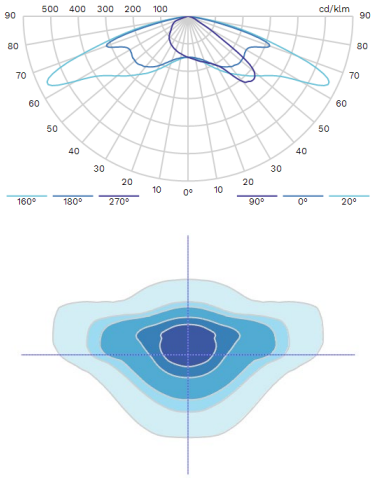
## 5307 BL LE




LENSO FLEX™4

## 5307 LE

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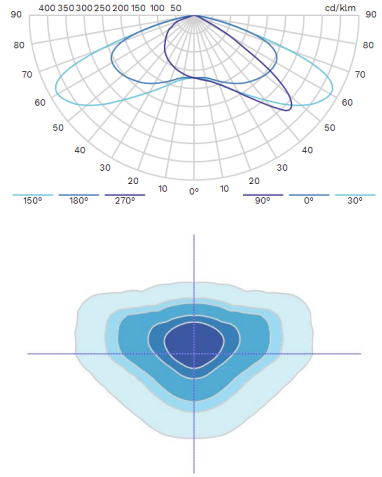
## 5308

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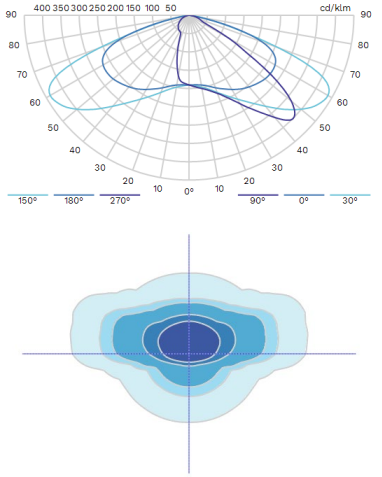
## 5308 BL

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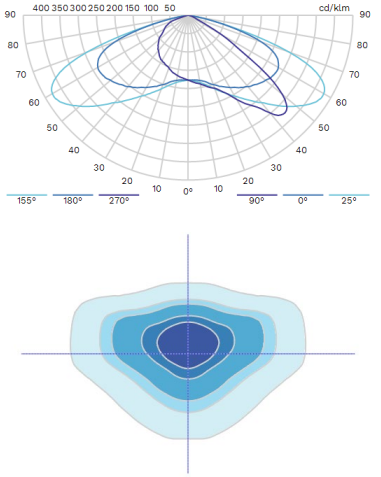
## 5308 LE

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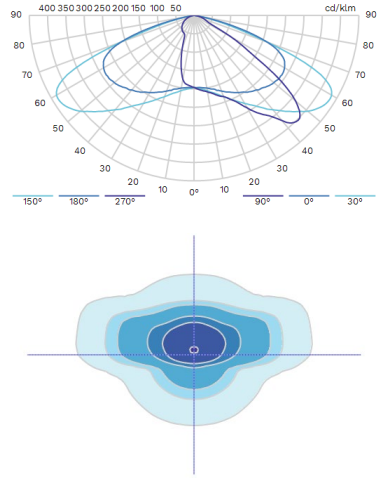
## 5308 LE BL

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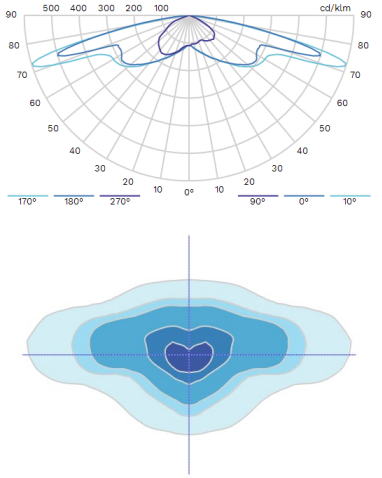
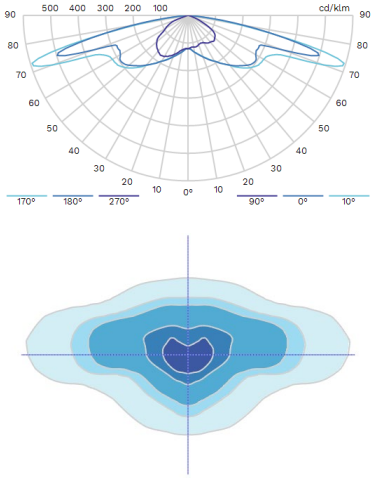
## 5345

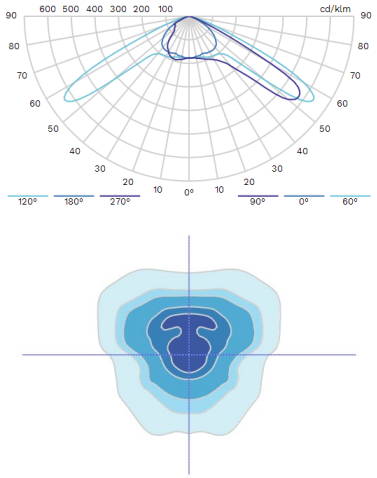



LENSO FLEX™4

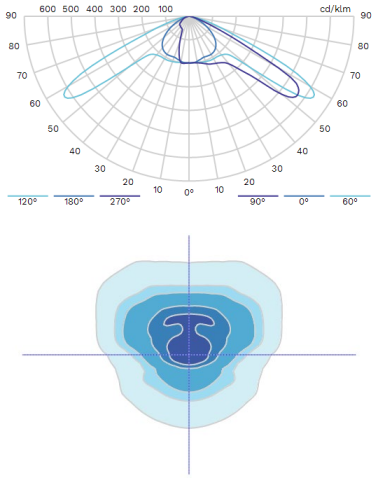
## 5345 LE



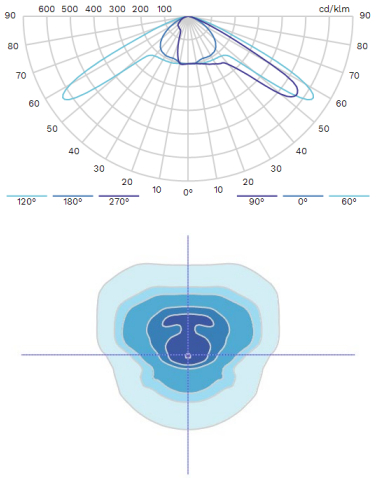
## 5366



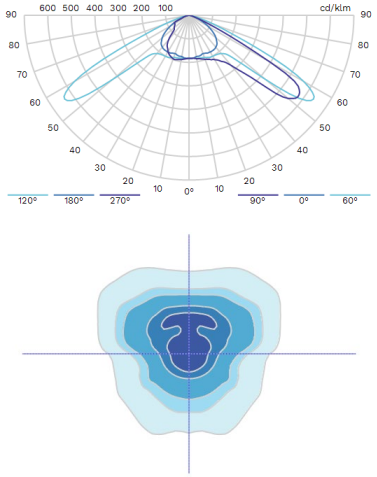

## 5366 BL



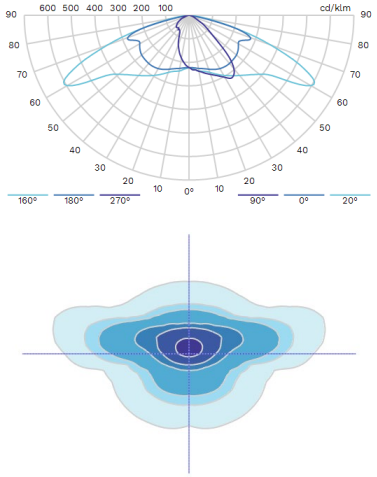

## 5366 BL LE



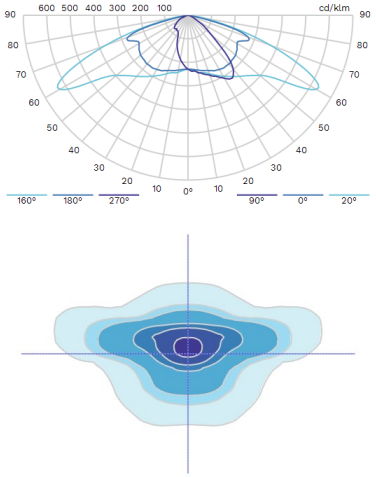

## 5366 LE



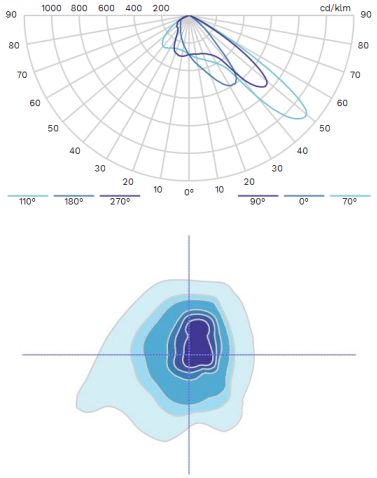

## 5367



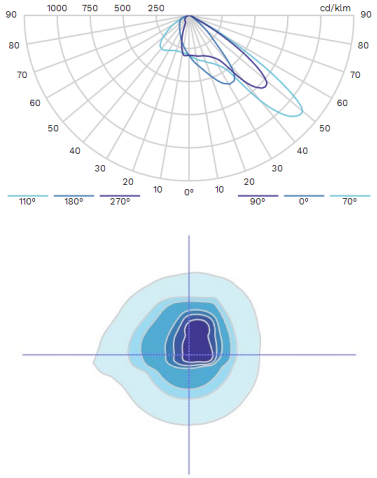

## 5367 LE



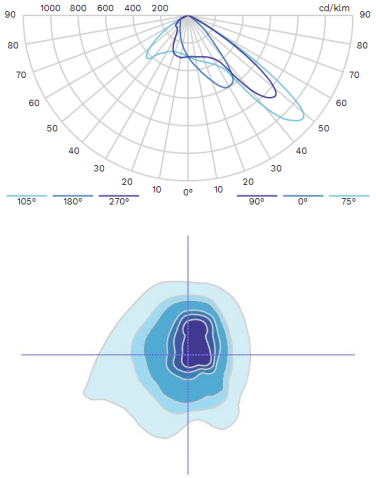

## 5369 LE ZR




## 5369 LE ZR BL

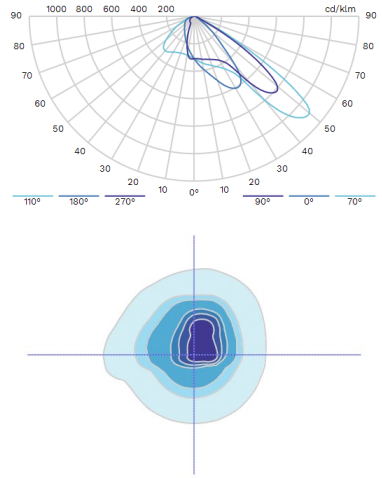



## 5369 ZR



LENSO FLEX™4

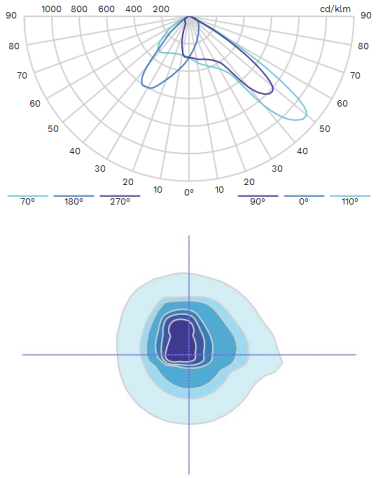
## 5369 ZR BL






LENSO FLEX™4

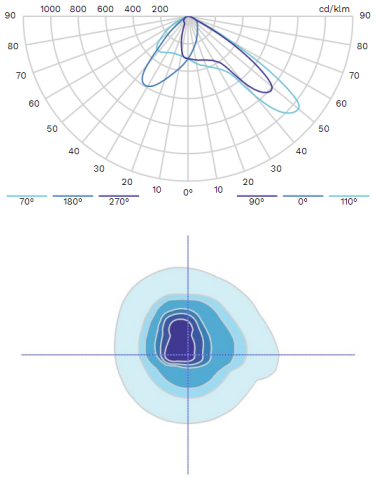
## 5370 BL LE ZL






LENSO FLEX™4

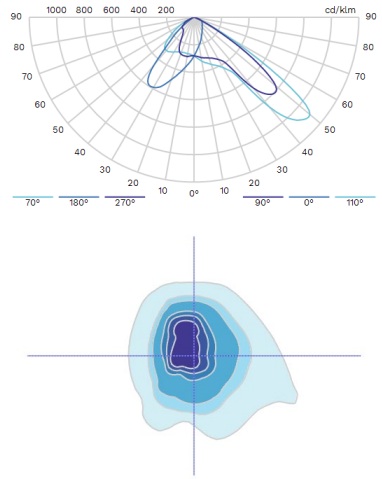
## 5370 BL ZL






LENSO FLEX™4

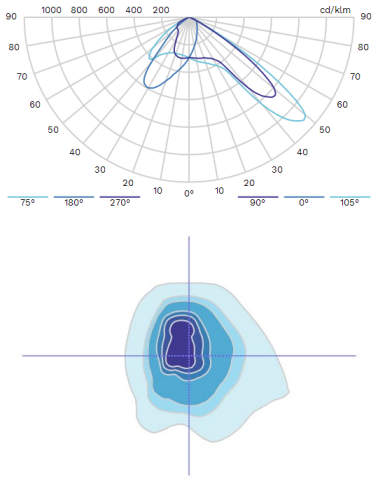
## 5370 LE ZL






LENSO FLEX™4

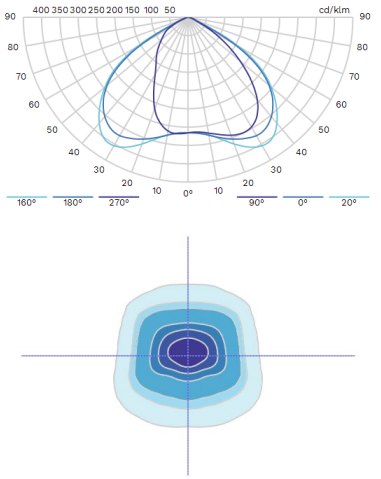
## 5370 ZL






LENSO FLEX™4

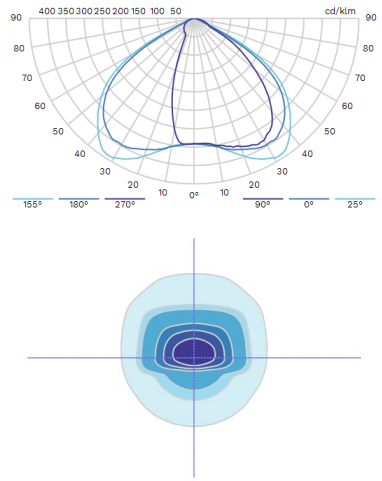
## 5388






LENSO FLEX™4

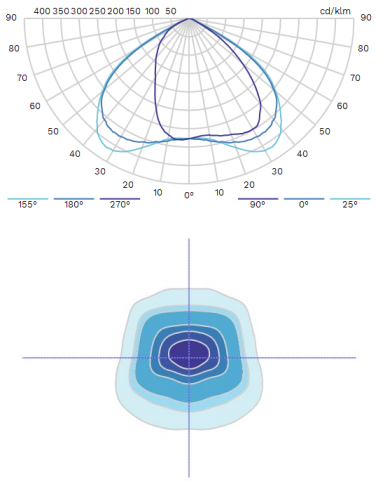
## 5388 BL






LENSO FLEX™4

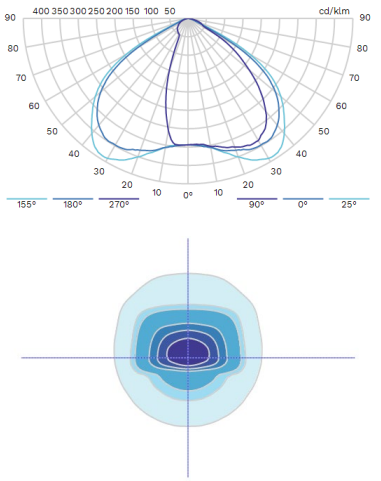
## 5388 LE





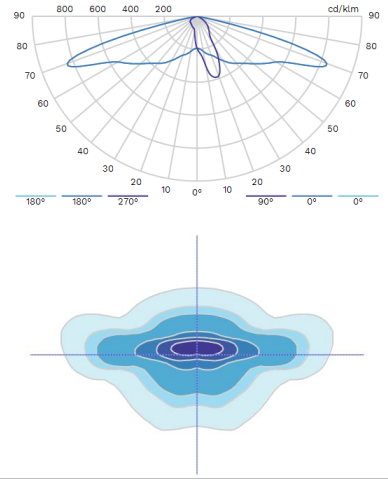

LENSO FLEX™4

## 5388 LE BL



LENSO FLEX™4

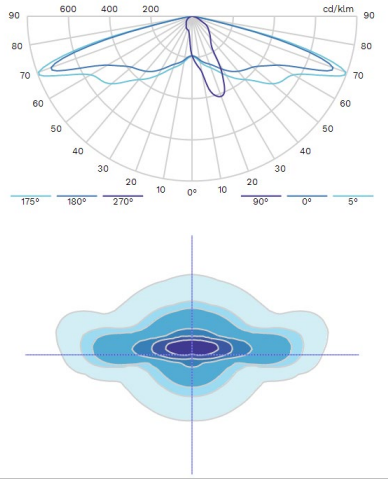
## 5390






LENSO FLEX™4

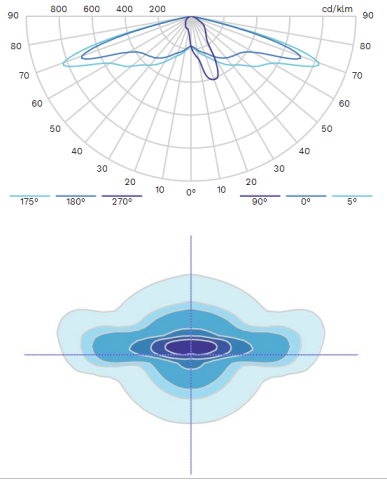
## 5390 BL






LENSO FLEX™4

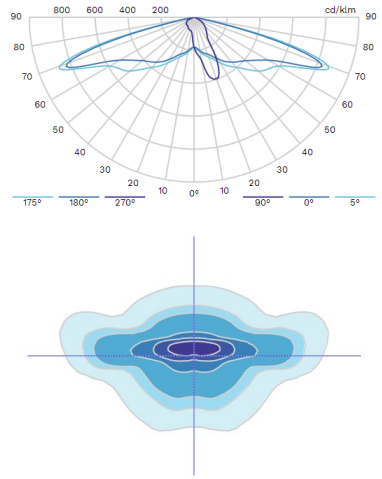
## 5390 BL LE






LENSO FLEX™4

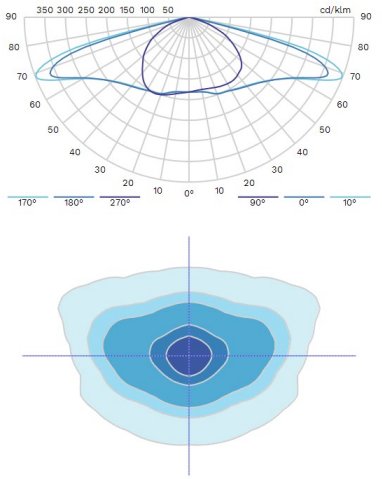
## 5390 LE






LENSO FLEX™4

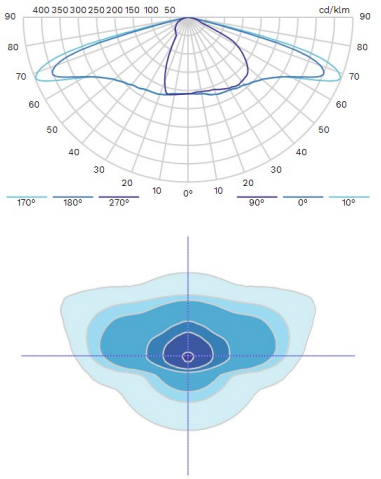
## 5392






LENSO FLEX™4

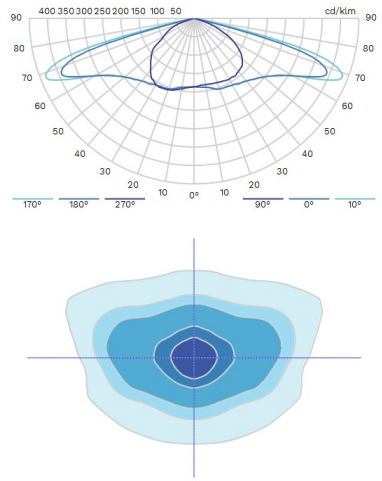
## 5392 BL






LENSO FLEX™4

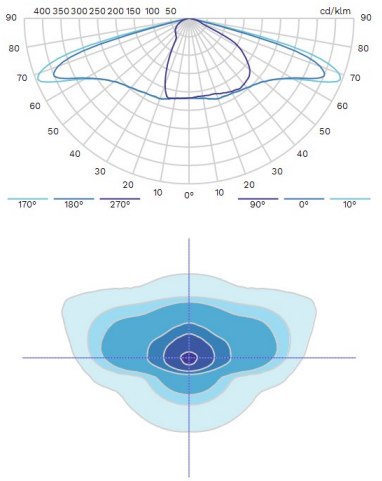
## 5392 LE






LENSO FLEX™4

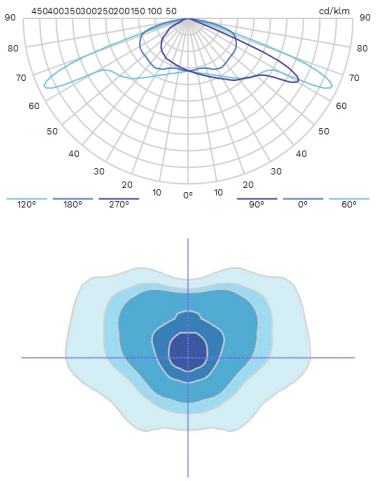
## 5392 LE BL





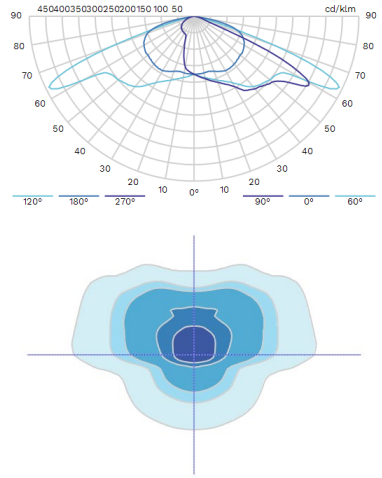

LENSO FLEX™4

## 5393



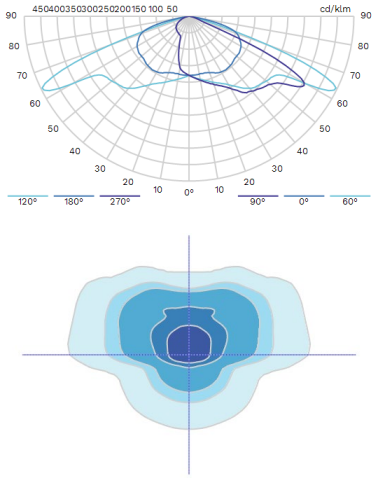
LENSO FLEX™4

## 5393 BL



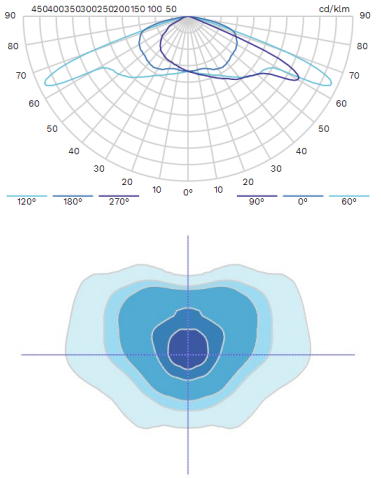

LENSO FLEX™4

## 5393 BL LE



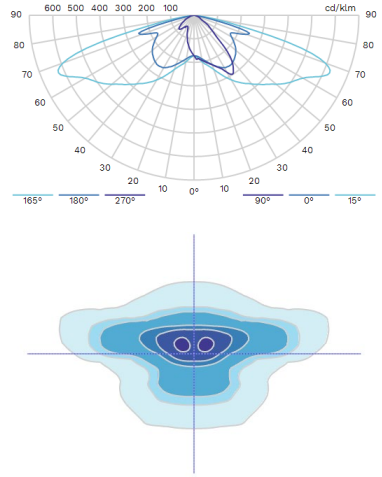

LENSO FLEX™4

## 5393 LE



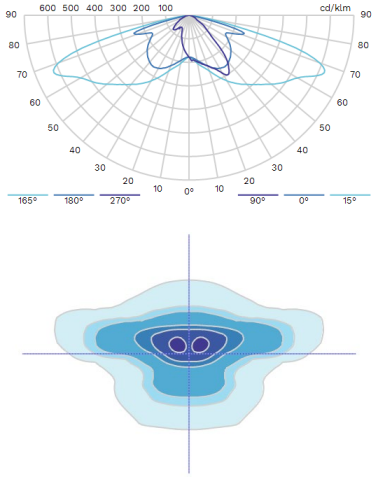

LENSO FLEX™4

## 5397



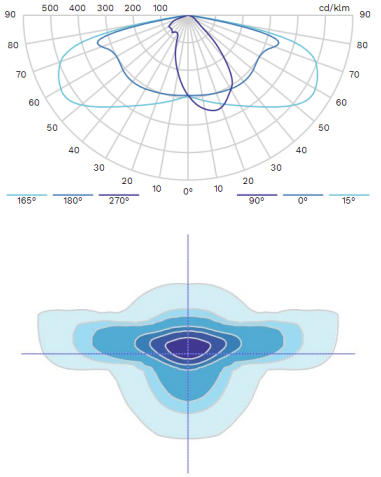

LENSO FLEX™4

## 5397 LE



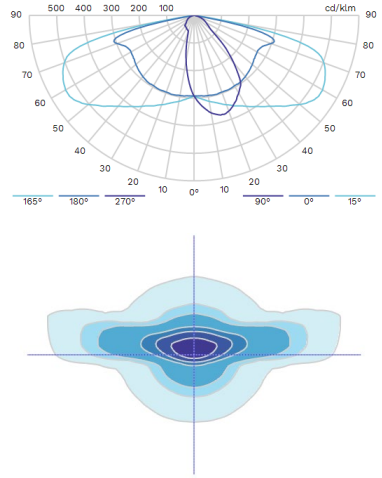

LENSO FLEX™4

## 5399



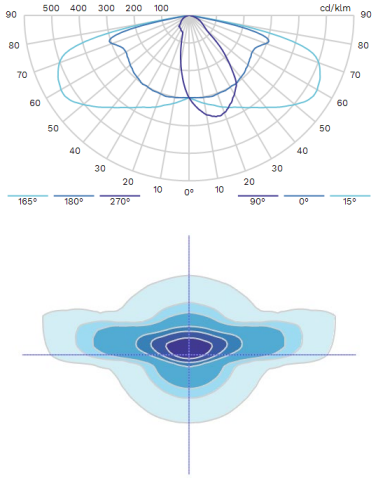

LENSO FLEX™4

## 5399 BL



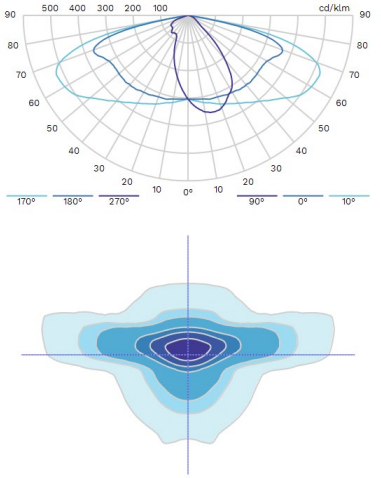

LENSO FLEX™4

## 5399 BL LE

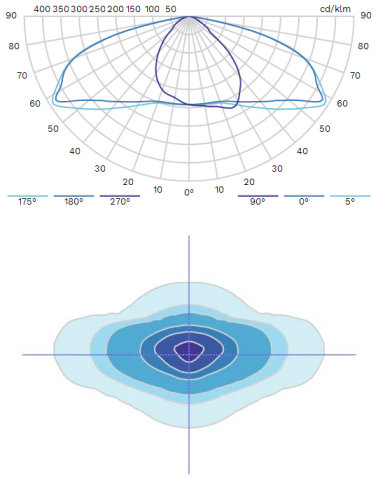



LENSO FLEX™4

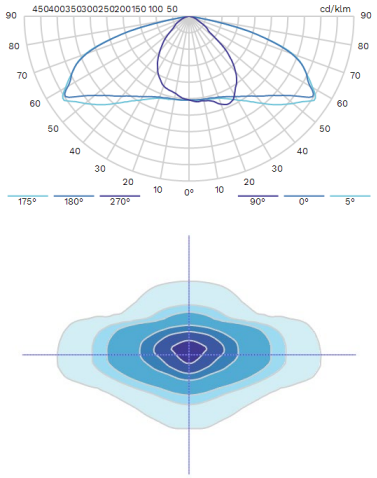
## 5399 LE



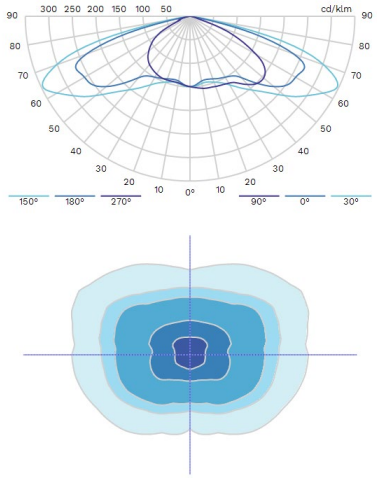
## 5424



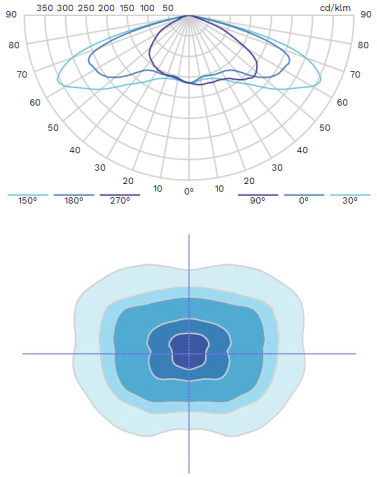

## 5424 LE



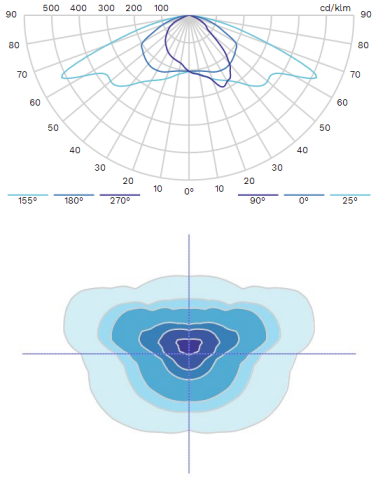

## 5425



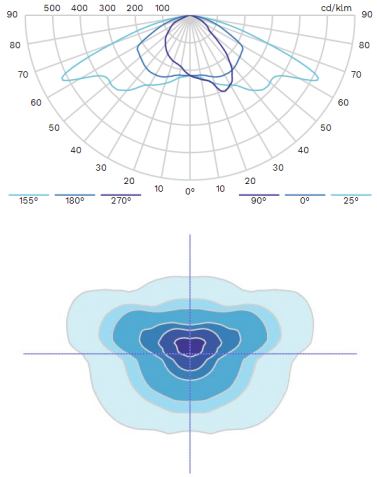

## 5425 LE



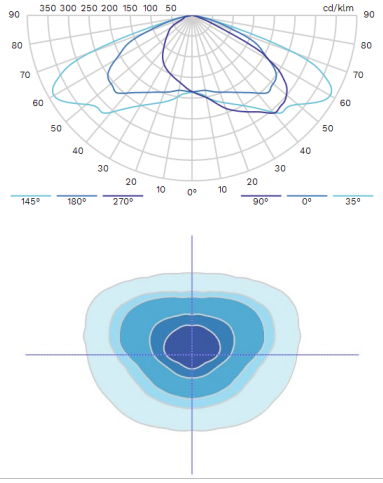

## 5426



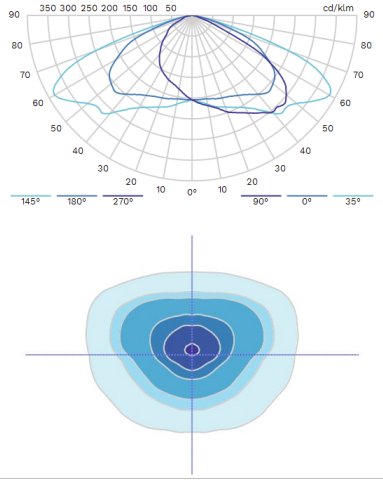

## 5426 LE



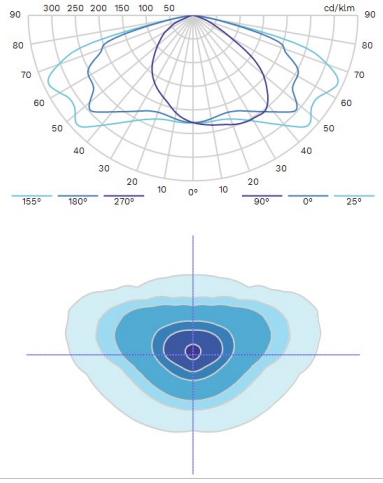

## 5427




## 5427 LE

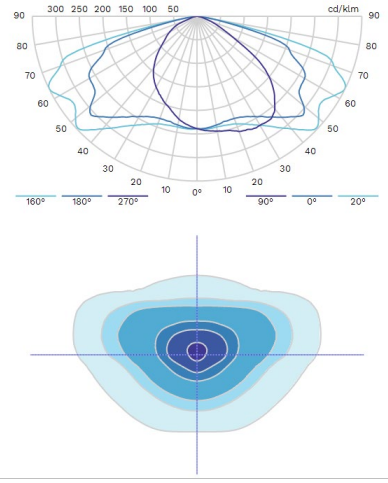



## 5428



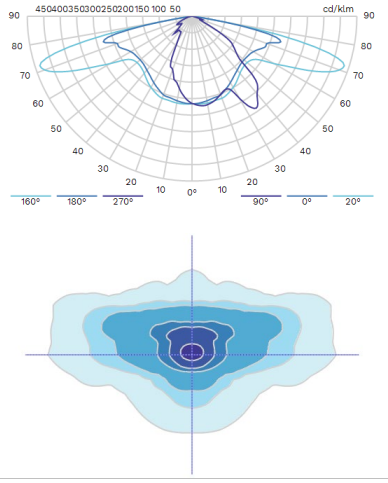
HI FLEX™ 1&2

## 5428 LE



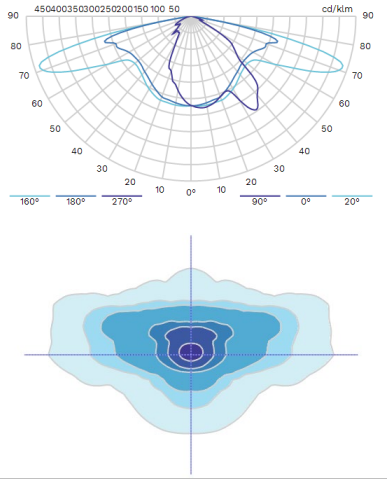

LENSO FLEX™ 4

## 5433



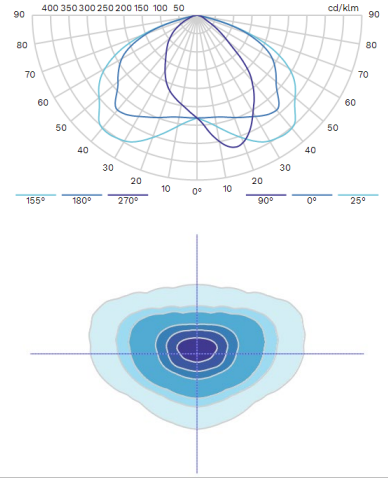

LENSO FLEX™ 4

## 5433 LE



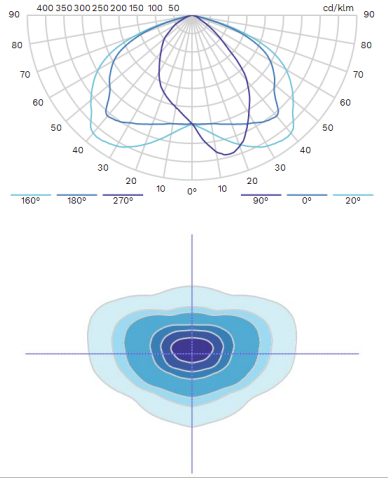

HI FLEX™ 2

## 5439



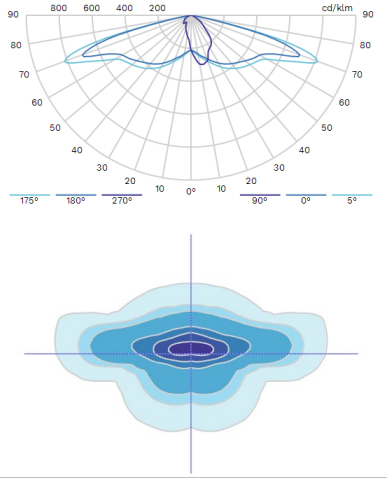

HI FLEX™ 2

## 5439 LE



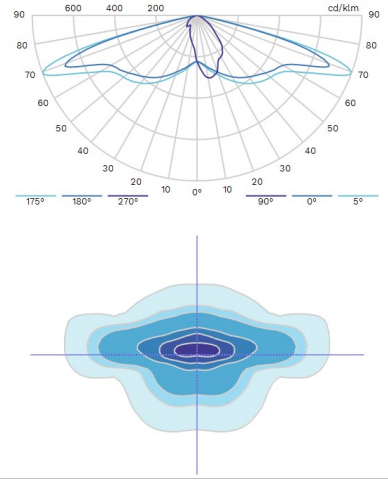

LENSO FLEX™ 4

## 50001



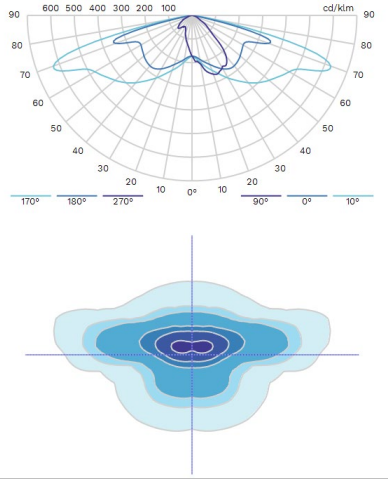

LENSO FLEX™ 4

## 50001 LE



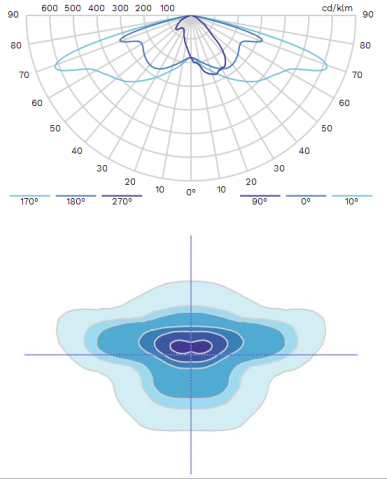

LENSO FLEX™ 4

## 50002



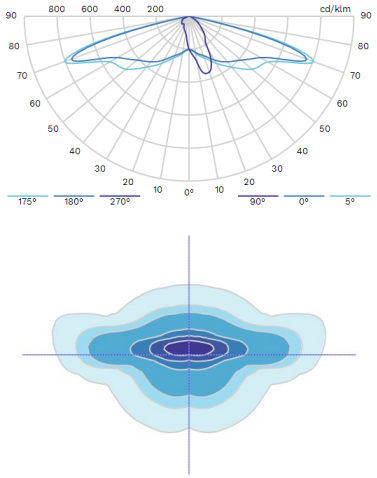

LENSO FLEX™ 4

## 50002 LE



LENSO FLEX™4

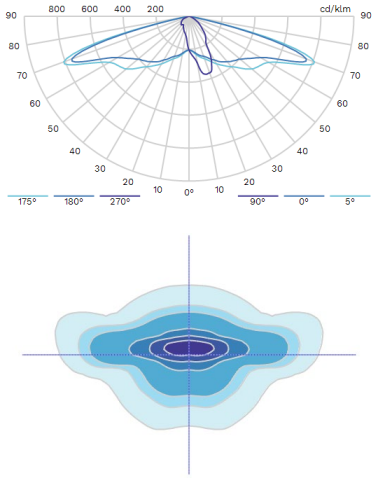
## 50003






LENSO FLEX™4

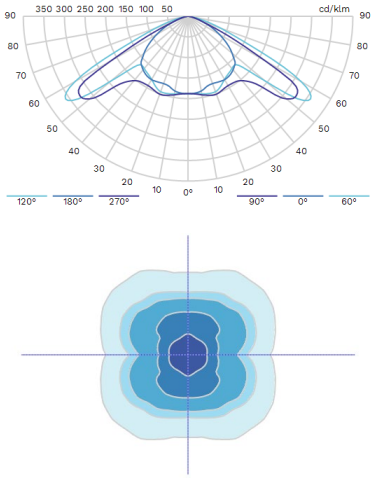
## 50003 LE






LENSO FLEX™4

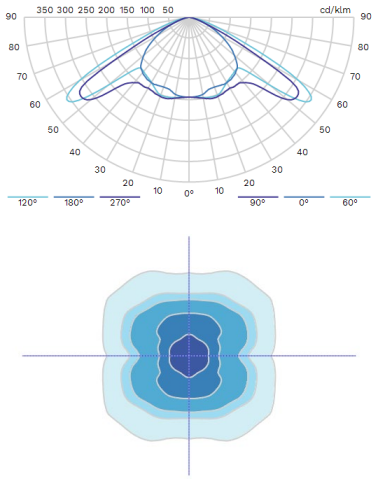
## 50004






LENSO FLEX™4

## 50004 LE



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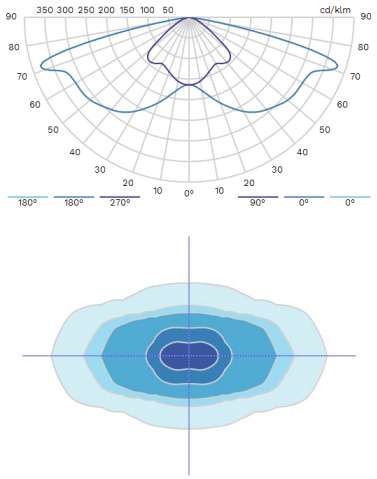
## 50006



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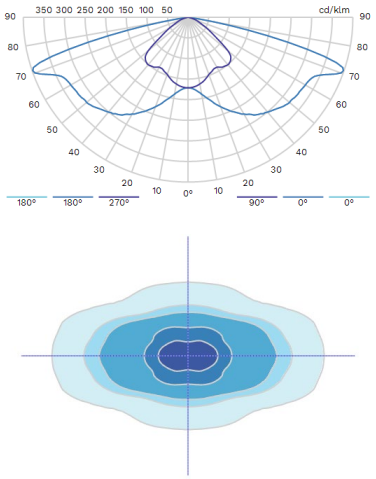




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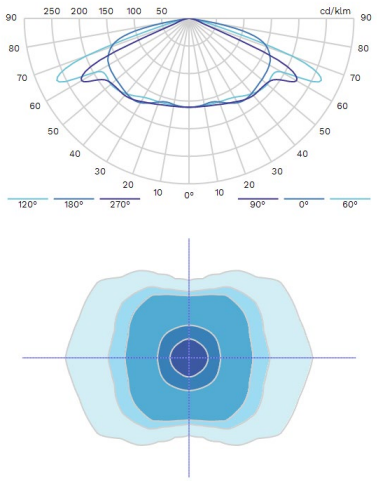




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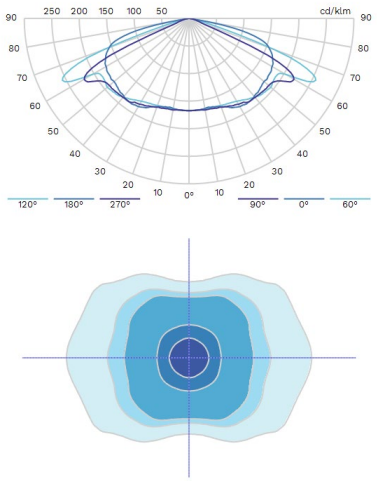




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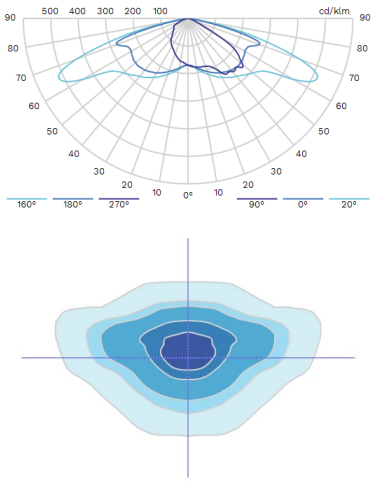
## 50009



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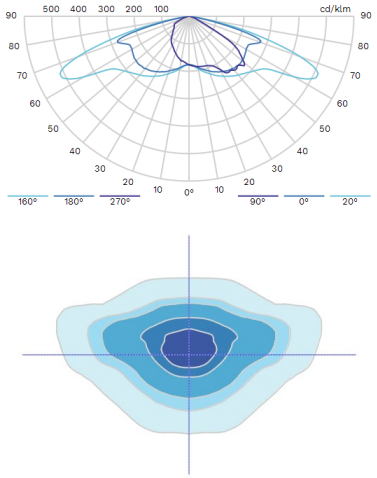
50009 LE

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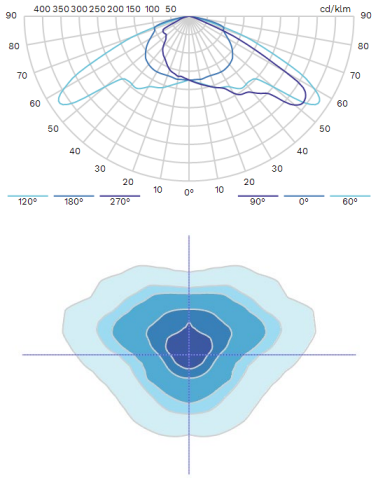
50010

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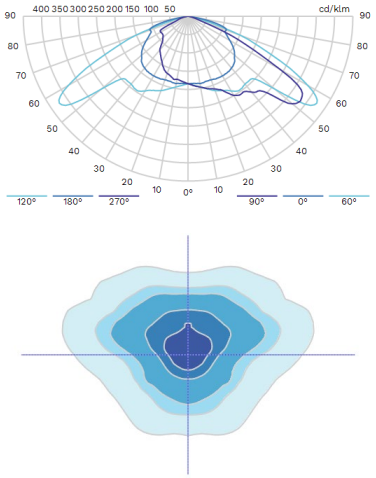
50010 LE

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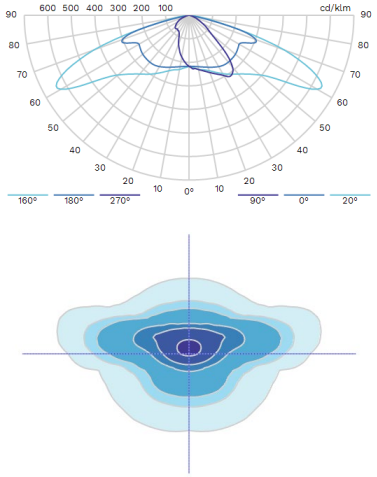
50011

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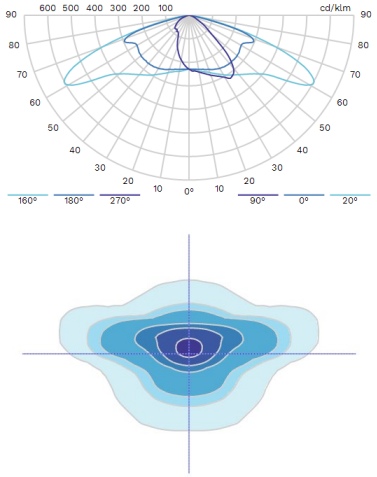
50011 LE

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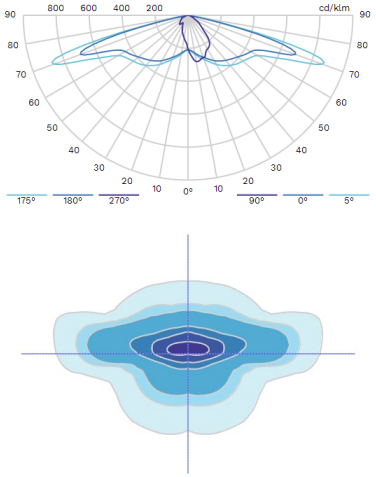


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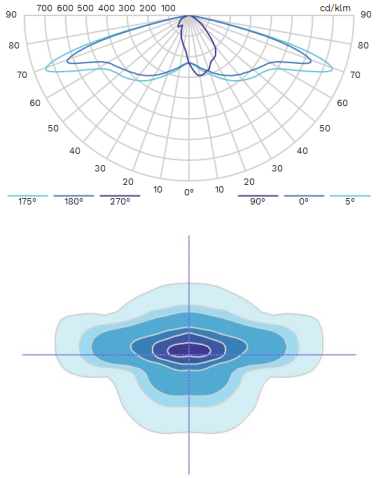
50012 LE

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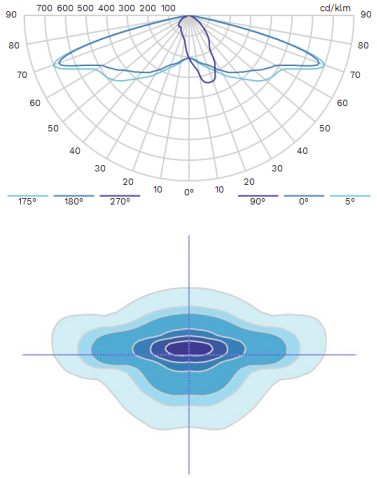


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50013 LE