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## Lighting solutions **for commercial facilities**

360-degree holistic offer

100%

# Made in Poland

We are a lighting manufacturer with 34 years of presence on the market, which is why we know everything about luminaires and lighting systems: we design, comprehensively test and manufacture them. We combine practice with modernity.

Lena Lighting S.A. has for 34 years been one of the lighting market leaders in Poland. Based on 100% Polish capital, the company designs, constructs and manufactures professional lighting solutions. It is one of the largest companies and one of the most recognised brands in the region of Greater Poland, where its headquarters and production facilities are located.

The company has been listed on the main market of the Warsaw Stock Exchange since 2005. By developing exports to 70 countries around the world, it has achieved the position of an undisputed leader of professional luminaire exporters among Polish manufacturers.

34+

years of experience



Our production lines are constantly developed and modernised.

Środa Wielkopolska



# How much can you reduce **energy consumption**?

**Rising energy prices and the excessive emission of greenhouse gases are the two basic aspects that encourage investors to seek economic and ecological solutions.**

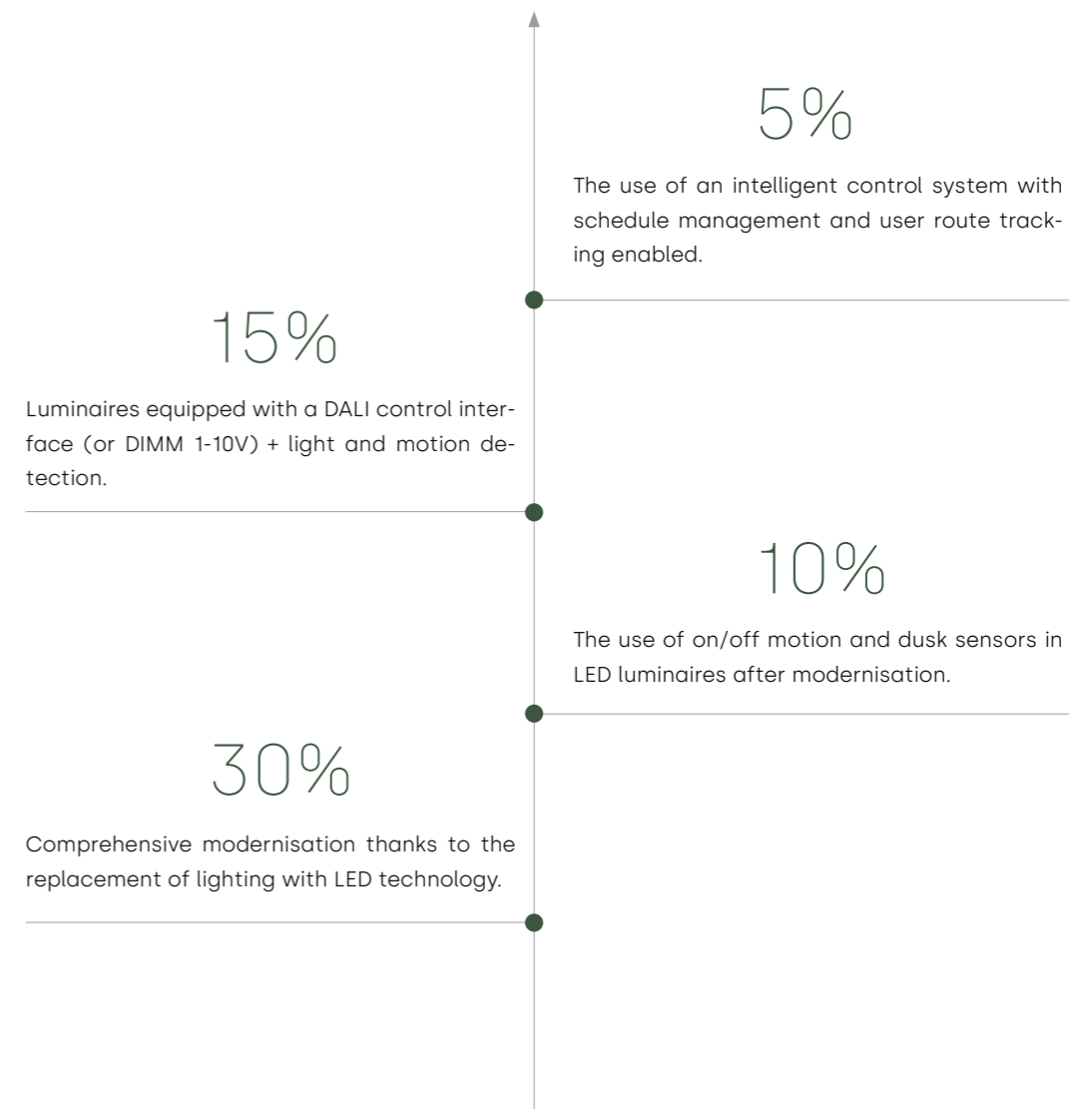
According to calculations, about 50% of energy consumption in offices in the European Union is generated by lighting. This is a significant percentage that can be greatly reduced.

By focusing on energy-efficient lighting, additionally supported by modern control systems, you will get measurable benefits in the form of lower electricity bills, reduction of CO<sub>2</sub> emission and return on investment even within a year!



# 60%

**Lower electricity bills in your shop**



**See how much the above actions will reduce electricity consumption.**

# Why LED lighting is better?

What you will gain:



01 / 05

## Energy-saving LED lighting

55 to 86% lower electricity consumption

Thanks to energy-saving LED lighting, you can reduce your electricity consumption up to 86% and lower your bills.



02 / 05

## Significant reduction of CO<sub>2</sub> emissions

Care and responsibility for the environment

Our decisions are important. Together we can make a better world.



03 / 05

## Lighting control

It provides lighting adapted to current demand.

You will be able to control the lighting so that is delivered in an optimal amount, in a specific place and time – exactly where it is needed.



04 / 05

## Durability and quality of lighting

Lower re-purchase, service and maintenance costs.

Thanks to the incomparably greater durability, you will reduce the costs of re-purchase, service or maintenance of lighting.



05 / 05

## Health and well-being

Light that is friendly to the eyes and regulates the natural biorhythm.

You will provide light that is friendly to the eyes and human health, plus you will increase the safety and efficiency of work and rest. You will adjust the luminous flux and the colour of lighting so that they correspond to the natural biorhythm of man.



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### Technical designations

Luminous efficiency	max. 178 lm/W
Ingress protection	IP66
Impact resistance class	IK10
Protection class 1/2/3/	I, II, III

 ALL OUR PRODUCTS MEET THE REQUIREMENTS OF THE EUROPEAN UNION'S DECLARATION

Luminaire parameters are given with tolerance permitted by the standard. The manufacturer reserves the right to change the parameters of the product not for the worse, in the course of its improvement, and to make design changes or upgrade the product. Materials presented in the booklet are not a commercial offer. The complete, current offer of Lena Lighting along with current parameters can be found at [www.lenalighting.com](http://www.lenalighting.com).

Date of publication: 07/13/2023

General  
**lighting**





## Linea S LED

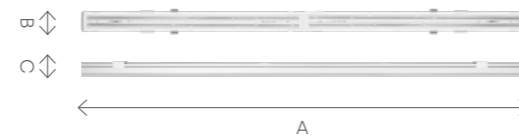
max. 181 lm/W IP40 IK06 |

Rated power [W]:	14 - 146
Luminous flux [lm]:	2100 - 23100
Mounting method:	suspended, surface-mounted
Body material:	steel

Body colour:	white
Diffuser material:	PC
Diffuser type:	MATT
Dimensions A/B/C [mm]:	1764/105/50, 3528/105/50, 5292/105/50

### Distinguishing features:

- Product for creating light lines
- It shines along the entire length of the luminaire
- 4 types of light distribution
- Wide luminous flux range
- Tool-free mounting
- Replaceable light module



Visualisation of the use of the Linea LED S lighting system with Expo Adjust modules.

## Linea S LED

**Linea S LED – a highly energy-efficient linear luminaire characterised by high luminous efficiency up to 181 lm/W, designed for industrial, warehouse and commercial areas.**

to 181  
lm/W

IP40

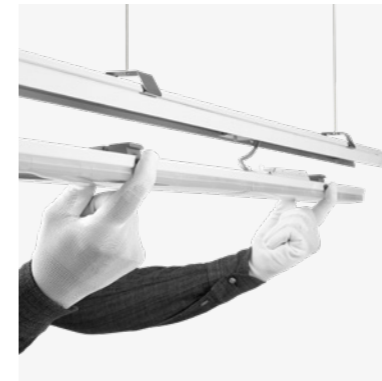
IK06



### What distinguishes Linea S luminaires?

- Quick joining of modules into lines
- Luminous efficiency up to 181 lm/W.
- Wide power range from 14 W to 146 W
- Luminous flux 2100 lm – 23100 lm
- Compatible with Clue and HCL control systems
- Tool-free connection of profiles
- LED lifetime > 196,000 h
- Large distance between suspensions (time and material savings)
- Convenient tool-free connection and disconnection of light modules

The unique design of the luminaire allows the product to be used in a variety of applications, offering a very convenient installation. Linea S luminaires can be quickly connected in lines of any length with no tools needed.



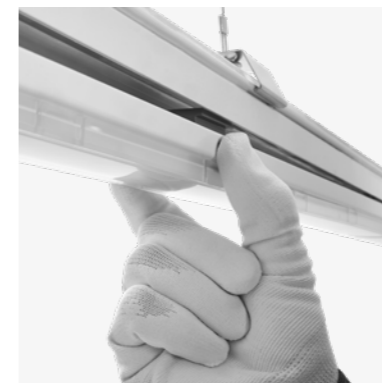
### Clicked-in light module

Light modules in their basic version or in the form of reflectors or emergency modules are clicked into spots on the supporting profile, chosen by the installer.



### Various lengths

Three lengths of light modules and three lengths of supporting profiles give the possibility of creating many variants of lines and flexibility in adjusting the lighting to area specificity.



### Tool-free access to luminaire interior

The design of the luminaire allows the installer to access the clicked-in luminaire interior quickly and without any tools.



### Flexibility in optics selection

Different optics with four light distribution variants and an adjustable colour rendering index (Ra) are available.





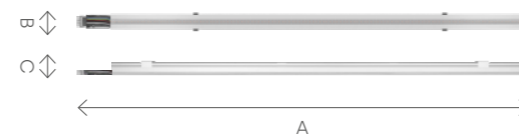
## Linea 3 LED

max. 144 lm/W IP40 IK06 |

Light source:	LED module	Body material:	aluminium
Rated power [W]:	15 - 155	Body colour:	grey
Luminous flux [lm]:	2150 - 21000	Diffuser material:	PC
Colour temperature [K]:	4000	Diffuser type:	MATT
Mounting method:	suspended, surface-mounted	Dimensions A/B/C [mm]:	1680/52/41; 3360/52/41

### Distinguishing features:

- Product for creating light lines
- It shines along the entire length of the luminaire
- 3 types of light distribution
- Wide luminous flux range
- Tool-free mounting
- Replaceable light module



The use of the Linea 3 LED in a large-format store.

## Linea 3 LED

### Efficient and modern system of light lines dedicated to commercial facilities

max.  
144 lm/W | IP40 | IK06

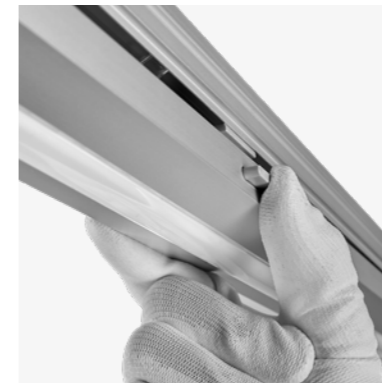
Versatile LED luminaire designed for indoor use, recommended especially for lighting large-format commercial facilities.

Linea 3 Led is a modern system of surface-mounted and suspended lighting line designed in LED technology. The innovative connection system between individual modules and through-wiring enable quick creation of lighting lines.

The design used allows for easy installation and connection to power supply. The aesthetic body – made of an aluminium profile and anodised – provides the luminaire with strength and durability, and the narrow side profile allows installation in hard to reach places.

LEDs from a reputable manufacturer and new LED panels enable very high luminous efficiency. This guarantees that the required lighting level and significant energy savings are achieved.

The optical system is made of UV-resistant PMMA.



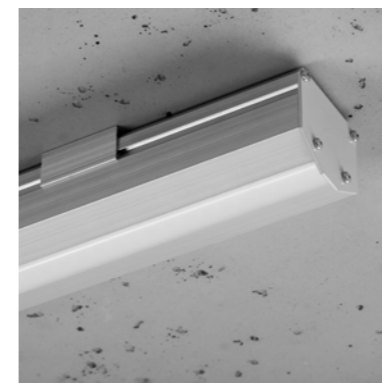
#### Tool-free access

Tool-free detachment of the light module guarantees easy and quick assembly.



#### Replaceable LED modules

Thanks to the luminaire's design the light module can be replaced without the need to replace the body.



#### Mounting tolerance

Possibility to arrange the mounting brackets along the entire length of the luminaire – suspension points or anchors in the ceiling can be aligned with the existing mounting holes.



#### 3 types of optics

Thanks to the use of lenses linear lamp is available in three versions – with the beam angles of: 90°, 60°, 45°.



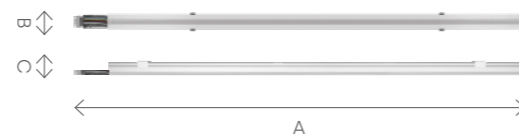
## Linea 2 LED

max. 157 lm/W IP20 IK06 |

Light source:	LED module	Body material:	aluminium
Rated power [W]:	15 - 153	Body colour:	grey
Luminous flux [lm]:	2250 - 22100	Diffuser material:	PC
Colour temperature [K]:	4000	Diffuser type:	MATT
Mounting method:	surface, suspended	Dimensions A/B/C [mm]:	1680/52/42; 3360/52/42

### Distinguishing features:

- Product for creating light lines
- It shines along the entire length of the luminaire
- 3 types of light distribution
- Wide luminous flux range
- Easy and quick mounting
- Robust aluminium body



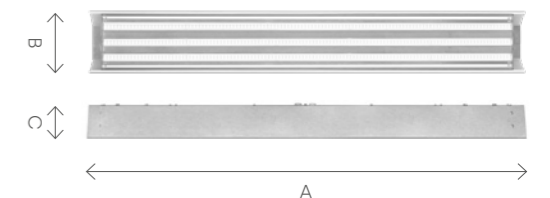
## Industry 2 LED

max. 161 lm/W IP23 IK07 |

Light source:	LED module	Body material:	galvanized steel sheet
Rated power [W]:	45 - 147	Body colour:	grey
Luminous flux [lm]:	6800 - 23600	Diffuser material:	PC
Colour temperature [K]:	4000	Diffuser type:	MATT
Mounting method:	surface, suspended	Dimensions A/B/C [mm]:	1210/137/70, 1490/137/70, 1490/190/70

### Distinguishing features:

- High ergonomics and easy mounting
- 3 types of light distribution to choose from
- High luminous efficiency
- Suspended mounting panel
- Body made of galvanized sheet resistant to environmental conditions





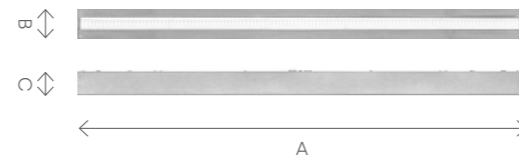
## Industry IP40 LED

max. 148 lm/W IP40 IK06 |

Light source:	LED module	Body material:	aluminium
Rated power [W]:	52 - 118	Body colour:	grey
Luminous flux [lm]:	7600 - 17450	Diffuser material:	PC
Colour temperature [K]:	4000	Diffuser type:	MATT
Mounting method:	surface, suspended	Dimensions A/B/C [mm]:	1680/52/42

### Distinguishing features:

- High efficiency
- Aluminium body
- Fast mounting
- Quality at a good price



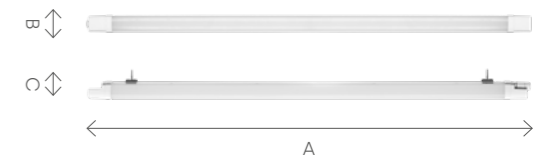
## Mimo 2 LED

max. 150 lm/W IP66 IK06 ||

Light source:	LED module	Body material:	PC
Rated power [W]:	13 - 30	Body colour:	white
Luminous flux [lm]:	2050 - 5000	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	MATT
Mounting method:	surface, suspended	Dimensions A/B/C [mm]:	1230/45/50, 1510/45/50, 670/45/50

### Distinguishing features:

- Very high ingress protection
- Low weight – does not weight down the ceiling
- Mounting bracket on the entire length
- Through-wiring versions
- Tool-free connection of cables in just 19 seconds.





## Tube LED Evo 2

max.  
121 lm/W IP65 IK08 I, II

Light source:	LED module
Rated power [W]:	14 - 36
Luminous flux [lm]:	1350 - 4200
Colour temperature [K]:	4000
Mounting method:	surface, suspended

Body material:	PC
Body colour:	grey, black
Diffuser material:	PC
Diffuser type:	transparent lens
Dimensions A/B/C [mm]:	785/45/42/, 1065/45/42/, 1346/45/42, 1626/45/42

### Distinguishing features:


- Modern design
- High ingress protection
- High impact resistance
- Versatility of use both in the office and in larger commercial and industrial facilities
- Slim design – elegant and matching any interior



Visualisation of the use of the Tube LED Evo luminaire



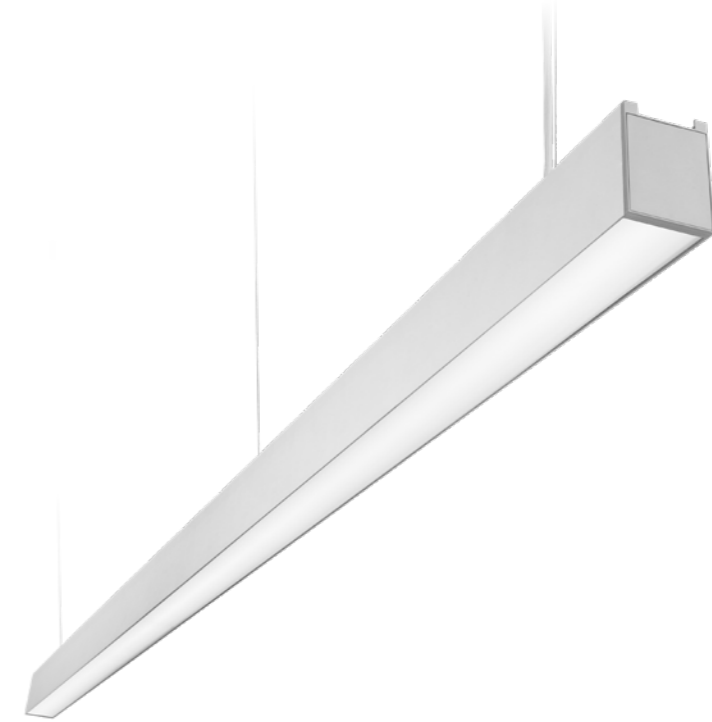
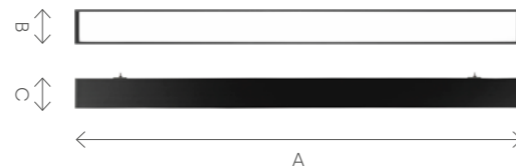
## Baris 40 LED

PZH  max. 131 lm/W IP44 / IP20 |

Light source:	LED module	Body material:	aluminium
Rated power [W]:	16 - 50	Body colour:	grey, white, black
Luminous flux [lm]:	1300 - 5900	Diffuser material:	PS
Colour temperature [K]:	3000; 4000	Diffuser type:	OPAL, PRM
Mounting method:	surface, suspended	Dimensions A/B/C [mm]:	1140/53/40/, 1421/53/40, 579/53/40

### Distinguishing features:

- Robust design
- Narrow profile
- High luminous efficiency
- Compact design
- IP44 versions
- Vast selection of version, colour and length of the diffuser



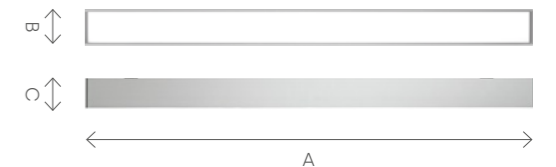
## Baris 52 LED

 max. 129 lm/W IP44 IK06 |

Light source:	LED module	Body material:	aluminium
Rated power [W]:	14 - 84	Body colour:	grey, white, black
Luminous flux [lm]:	1800 - 9600	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	OPAL
Mounting method:	suspended, surface-mounted	Dimensions A/B/C [mm]:	1143-5623/52/69

### Distinguishing features:

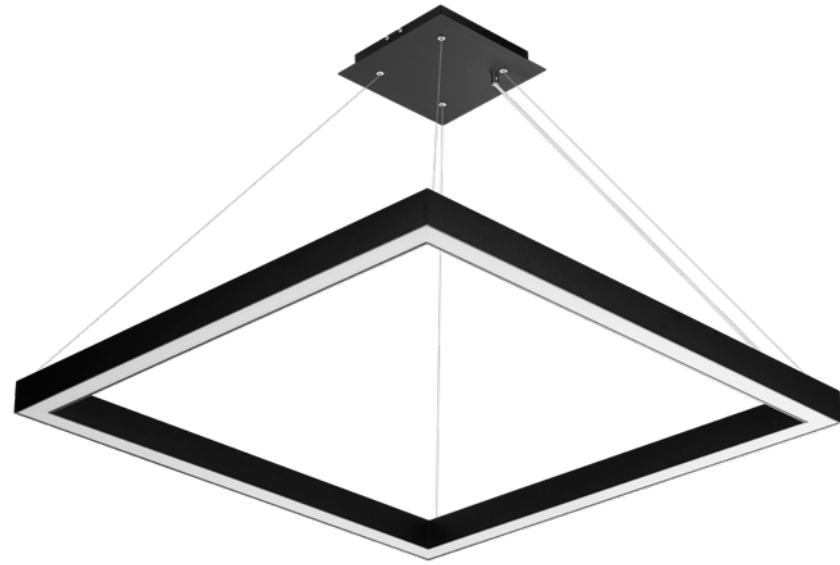
- For creating lines up to 6 meters long without profile joints and up to 25 m with no need to join the diffuser
- Modular design facilitating replacement of components
- Flexibility in matching the luminaire's diffuser version, colour, length (every 14 cm)
- Versions with a louvre limiting the glare effect UGR<19 available
- L, X, T connectors



Baris 52 LED



The use of suspended and surface-mounted versions of the Baris 52 LED luminaire



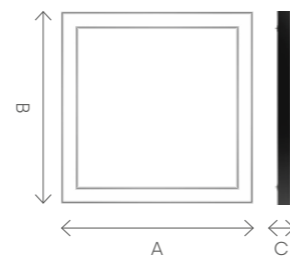
## Baris Square 52 LED

max.  
114 lm/W IP40 |

Light source:	LED module	Body material:	aluminium
Rated power [W]:	32 - 145	Body colour:	grey, white, black
Luminous flux [lm]:	3100 - 15100	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	OPAL, PRM
Mounting method:	suspended	Dimensions A/B/C [mm]:	1453/1453/69, 1173/1173/69, 893/893/69, 613/613/69

### Distinguishing features:

- Robust design
- Narrow profile
- High luminous efficiency
- Four sizes available



Visualization of the use of the Baris 52 LED Square luminaire





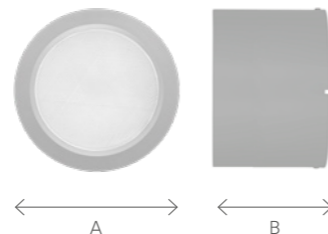
## DLN 220 LED Evo

max. 122 lm/W IP65 IK08 |

Light source:	LED module	Body material:	powder coated steel, ABS
Rated power [W]:	10 - 28	Body colour:	grey, black
Luminous flux [lm]:	1450 - 3450	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	PRM MAT, PRM
Mounting method:	surface mounted	Dimensions A/B [mm]:	ø220/140

### Distinguishing features:

- Durable metal body
- High impact resistance
- Very high ingress protection
- Product made in Poland



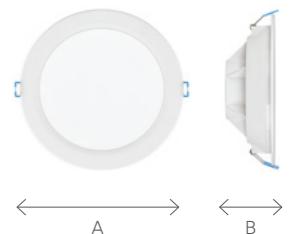
## Nectra LED Plus

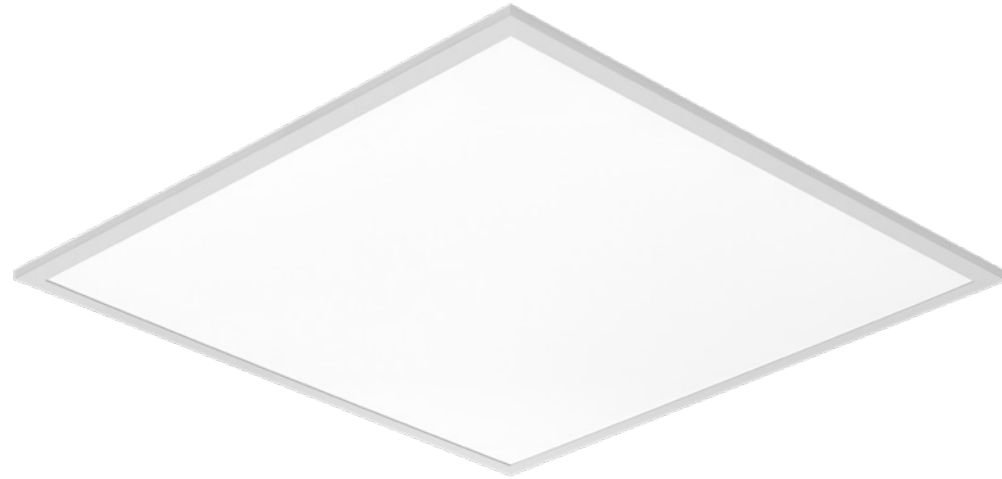
max. 126 lm/W IP44 IK08 |,II

Light source:	LED module	Body material:	PC, aluminium
Rated power [W]:	5 - 25	Body colour:	white, black
Luminous flux [lm]:	500 - 3450	Diffuser material:	PMMA
Colour temperature [K]:	3000; 4000	Diffuser type:	OPAL
Mounting method:	flush mounted	Dimensions A/B [mm]:	ø121/67, ø170/69, ø222/70

### Distinguishing features:

- Increased ingress protection
- Easy installation
- Low weight
- Branded components with external power supply
- High adaptability possibilities tailored to your needs





## Plano LED Evo

— UGR<19 version reducing the glare effect available

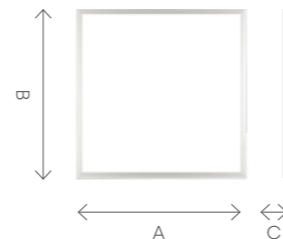
Light source:	LED module
Rated power [W]:	30 - 54
Luminous flux [lm]:	3000 - 5700
Colour temperature [K]:	3000; 4000
Mounting method:	flush-mounted, surface-mounted

### Distinguishing features:

- Elegant, minimalist design
- Low (flat) profile
- Low weight
- Rectangular and square versions

PZH max. 110 lm/W IP40/IP20 IK07 |

Body material:	aluminium
Body colour:	white
Diffuser material:	PS
Diffuser type:	OPAL, PRM
Dimensions A/B/C [mm]:	595/595/9, 620/620/9, 1195/295/9



The use of the Plano LED Evo luminaire in the Intermarche store in Piekary Śląskie



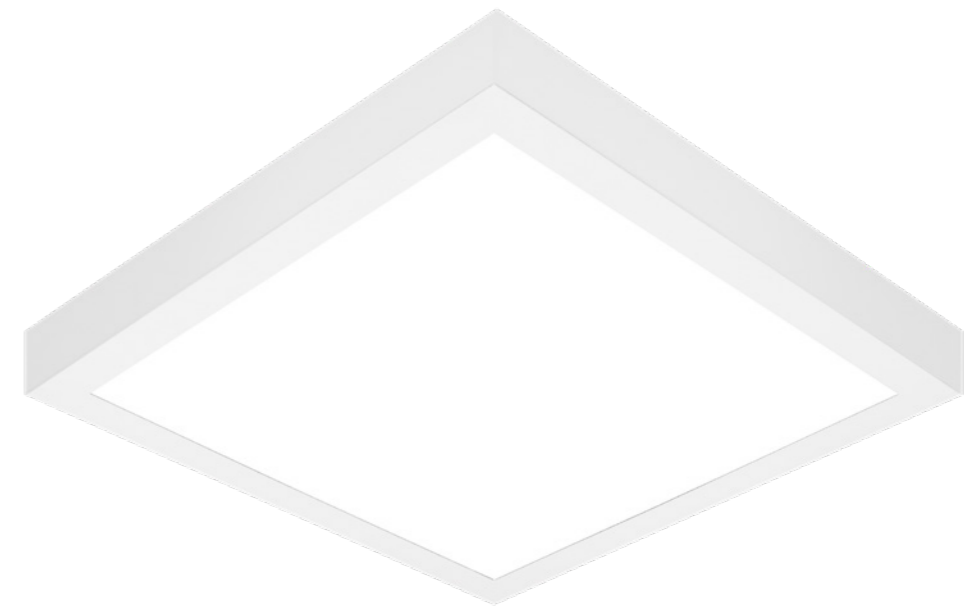
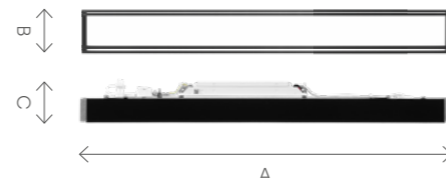
## Baris 52 LED SM

max. 98 lm/W IP44 IP20 IK06 |

Light source:	LED module	Body material:	aluminium
Rated power [W]:	9 - 45	Body colour:	white, black, grey
Luminous flux [lm]:	850 - 4500	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	OPAL, PRM
Mounting method:	flush-mounted in modular ceilings	Dimensions A/B/C [mm]:	1193/69/60, 1793/69/60, 593/69/60

### Distinguishing features:

- Robust body made of aluminium
- Diffuser: OPAL (soft light) or PRM (glare reduction)
- Complete mounting system for quick and easy installation in modular ceilings.
- High degree of light uniformity SDCM ≤3
- Low weight



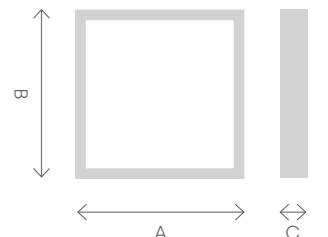
## Madera 3 LED

max. 123 lm/W IP44 IK07 |

Light source:	LED module	Body material:	powder coated steel
Rated power [W]:	15 - 41	Body colour:	grey, white, black
Luminous flux [lm]:	1800 - 5200	Diffuser material:	PS
Colour temperature [K]:	3000; 4000	Diffuser type:	PRM, OPAL
Mounting method:	surface mounted	Dimensions A/B/C [mm]:	1170, 310, 480, 620/350, 310, 620, 480, 350/68

### Distinguishing features:

- Minimalist design
- Comfortable light and no glare effect
- Available in several colours
- Multitude of mounting options and sizes
- High degree of light uniformity SDCM ≤3





## SQ 300 LED Plus

— VD budget version with sequential power supply available

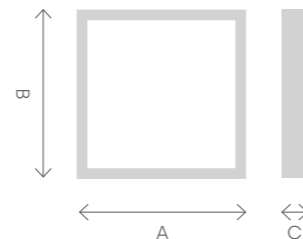
Light source:	LED module
Rated power [W]:	24; 25
Luminous flux [lm]:	2100 - 2800
Colour temperature [K]:	3000; 4000
Mounting method:	surface mounted

Body material:	ABS
Body colour:	white, black
Diffuser material:	PC
Diffuser type:	OPAL
Dimensions A/B/C [mm]:	300/300/58

### Distinguishing features:

- Low weight
- Fast, simple installation
- High impact resistance
- High ingress protection class

PZH <sup>max.</sup> 96 lm/W IP54 IK08 |



Visualisation of the use of the SQ 300 LED Plus luminaire

Nectra LED




Downlights can be used both inside and outside the building



## Dione LED Plus

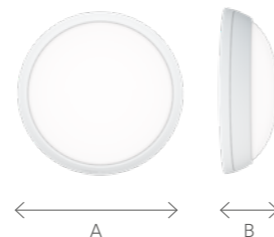
Standard and vandal-resistant versions available

PZH  max. 106 lm/W IP65 IK10 I,II

Light source:	LED module	Body material:	ABS
Rated power [W]:	13 - 30	Body colour:	white
Luminous flux [lm]:	1350 - 3700	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	OPAL
Mounting method:	surface mounted	Dimensions A/B [mm]:	ø340/115

### Distinguishing features:

- High impact resistance
- Very high ingress protection
- High luminous efficiency
- Branded components



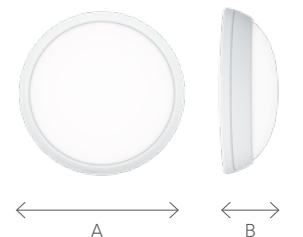
## Dione LED Plus Multi

PZH  max. 107 lm/W IP65 IK10 I

Light source:	LED module	Body material:	ABS
Rated power [W]:	15 - 26	Body colour:	white
Luminous flux [lm]:	1650 - 2650	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	OPAL
Mounting method:	surface mounted	Dimensions A/B [mm]:	ø340/115

### Distinguishing features:

- High impact resistance
- Very high ingress protection
- Branded components
- High luminous efficiency
- Enables choosing one of three lighting settings available (power and luminous flux)



Display  
**lighting**





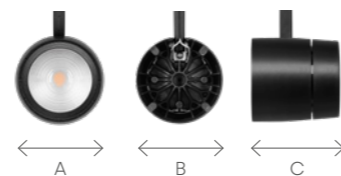
## EXPO Adjust

max.  
111 lm/W IP20 |

Light source:	COB LED module	Body material:	aluminium, ABS box
Rated power [W]:	19 - 37	Body colour:	white, black
Luminous flux [lm]:	1700 - 3450	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	transparent lens
Mounting method:	busbar-mounted, surface-mounted, flush-mounted	Dimensions A/B/C [mm]:	87/95/99-116

### Distinguishing features:

- In some versions the beam angle can be adjusted (22°-55°) by manually turning the luminaire body, similarly to a lens operation ("zoom")
- Compatible with the busbar system
- Versions with DIMM - DALI control
- No emission of ultraviolet and infrared radiation and a high colour rendering index (Ra>90)



The use of the Expo Adjust system in a beauty supply boutique.





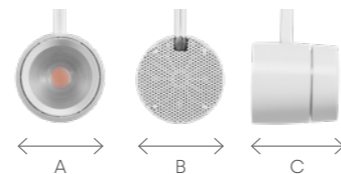
## Expo Adjust Shop

max.  
92 lm/W IP20 |

<b>Light source:</b>	COB LED module	<b>Body material:</b>	aluminium, ABS box
<b>Rated power [W]:</b>	19 - 35	<b>Body colour:</b>	white, black
<b>Luminous flux [lm]:</b>	1950 - 2950	<b>Diffuser material:</b>	PC
<b>Colour temperature [K]:</b>	n/a	<b>Diffuser type:</b>	transparent lens
<b>Mounting method:</b>	busbar-mounted, surface-mounted, flush-mounted	<b>Dimensions A/B/C [mm]:</b>	87/95/99-116

### Distinguishing features:

- No emission of ultraviolet and infrared radiation
- Version for illuminating jewellery – also dedicated to illuminate displays of other product categories. It is a multi-purpose solution, it helps highlight details, which translates to a better exposition of the product. Colour: 4000K, Ra 90.
- Version for illuminating stands with meat and sausages – products look more appetising and fresh. "Red" colour Ra 90.
- Version for illuminating bread – products are more saturated with colour, which makes them look fresh and appetizing. Colour: 3000K, Ra 90.



The use of the Expo Adjust system for jewellery illumination.



## Expo Adjust

### Modern projector with a conveniently adjustable beam angle enabled by the "zoom" function

**Expo Adjust – great possibilities in a small, modern design. Energy-saving technology and high luminous efficiency enclosed in a small body with a minimalist design.**

The new Expo Adjust luminaire will highlight elements of interior design and furnishing in a truly scenic way. This multi-purpose luminaire referring to fashionable lofts will be a perfect match for all modern commercial spaces and tasteful apartments.

The design of the luminaire, by Jakub Zarzyński, has been made with modern rooms in mind, where light constitutes a tool for creating the interior and spatial atmosphere. The small design of Expo Adjust embodies impressive-performance technology.

This high-quality aluminium projector with a LED light source offers luminous efficiency of up to 111 lm/W, which is an unparalleled result in this product category. The

amazing efficiency has been additionally combined with a very high colour rendering index (Ra > 90).

It is an ideal solution wherever the highest quality of light and maintaining energy efficiency are expected. It is worth emphasising that the extraordinary lighting possibilities are contained in a small-size luminaire, which is also very solid and durable. The designer focused on high quality materials and details, thanks to which the luminaire has been given a loft look.



#### "Zoom" function

The beam angle can be adjusted (22°-55°) by manually turning the luminaire body, similarly to a lens operation ("zoom").



#### Adjustable

The luminaire itself can be rotated horizontally (335°) and vertically (125°). This allows for adjusting the direction of the light.



#### Design and details

An optional gold ring finish allows the projector to match the Piatto LED and Lungo LED family of luminaires.



#### DALI control

Automation and convenient lighting management allow for its more optimal use.



## Expo LED 2

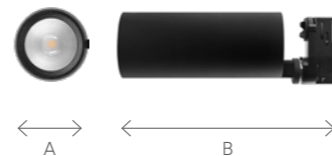
— "Mini" versions available

max. 118 lm/W IP20 |

Light source:	COB LED module	Body material:	aluminium, ABS box
Rated power [W]:	10 - 37	Body colour:	white, black
Luminous flux [lm]:	1100 - 4350	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	reflector
Mounting method:	busbar-mounted	Dimensions A/B [mm]:	107/225

### Distinguishing features:

- No emission of ultraviolet and infrared radiation
- High colour rendering index
- Three beam angles
- High luminous efficiency
- High durability



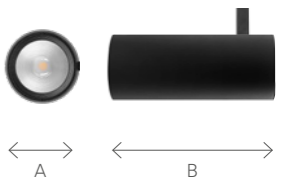
## Expo LED 3 Mini

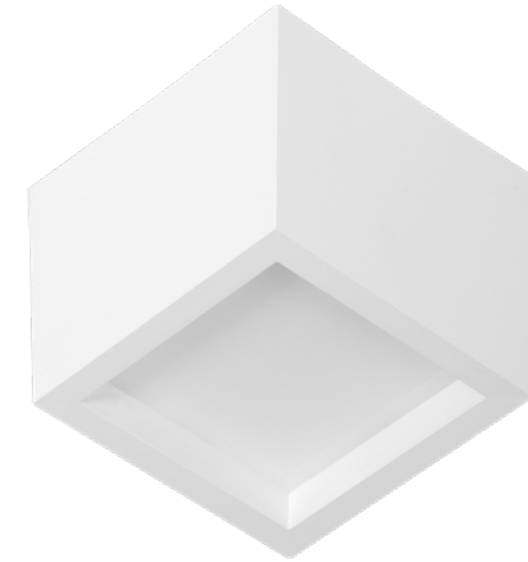
max. 111 lm/W IP20 

Light source:	COB LED module	Body material:	aluminium
Rated power [W]:	9 - 22	Body colour:	white, black
Luminous flux [lm]:	1046 - 2950	Diffuser material:	reflector
Colour temperature [K]:	3000, 4000	Diffuser type:	aluminium
Mounting method:	busbar-mounted	Dimensions A/B [mm]:	86/185

### Distinguishing features:

- Compatible with the track system
- No emission of ultraviolet and infrared radiation
- High color rendering index (Ra>90)





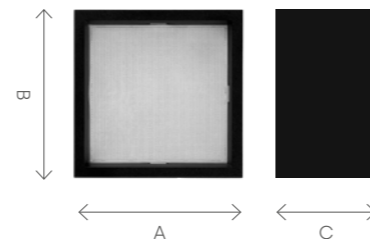
## SQ 160 LED Plus

max. 117 lm/W IP33 IK08 I, II

Light source:	LED module	Body material:	ABS
Rated power [W]:	17	Body colour:	white, matte black
Luminous flux [lm]:	1700 - 2200	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	MAT, PRM, OPAL
Mounting method:	surface mounted	Dimensions A/B/C [mm]:	162/162/86

### Distinguishing features:

- Low weight
- 3 types of diffuser with different optics
- Product made in Poland
- Homogeneous body (without additional surface-mounted boxes)



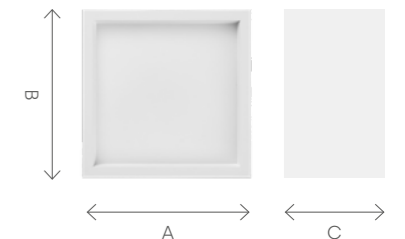
## SQ 100 LED Plus

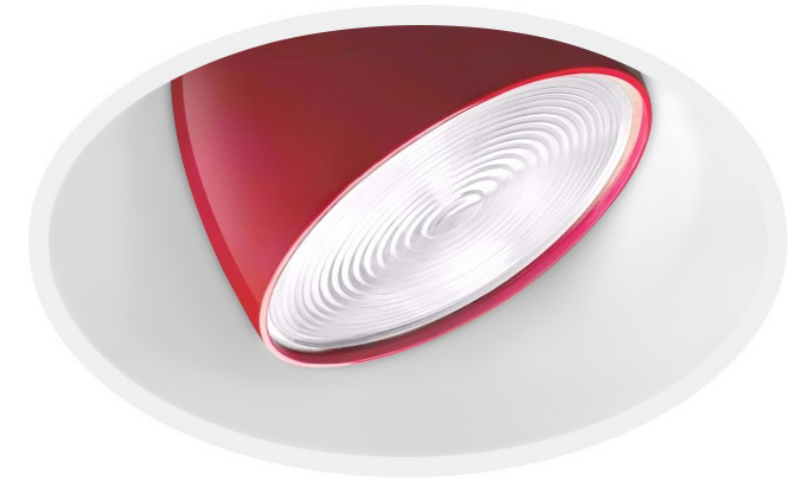
max. 102 lm/W IP33 IK08 II

Light source:	LED module	Body material:	ABS
Rated power [W]:	6	Body colour:	white
Luminous flux [lm]:	590; 630	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	MATT
Mounting method:	surface mounted	Dimensions A/B/C [mm]:	108/108/85

### Distinguishing features:

- Low weight
- homogeneous body (without additional surface-mounted boxes)
- Product made in Poland
- Compact, classic design





## RQ 160 LED Plus

max. 117 lm/W IP33 IK08 II

Light source:	LED module	Body material:	ABS
Rated power [W]:	17	Body colour:	white
Luminous flux [lm]:	1700 - 2200	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	MAT, PRM, OPAL
Mounting method:	surface mounted	Dimensions A/B [mm]:	ø166/86

### Distinguishing features:

- Low weight
- Homogeneous body (without additional surface-mounted boxes)
- Product made in Poland
- 3 types of diffuser with different optics



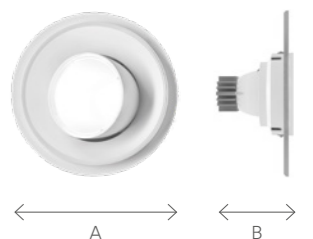
## Swing LED Evo

max. 127 lm/W IP40/IP20 I

Light source:	LED module	Body material:	ABS
Rated power [W]:	8 - 29	Body colour:	white
Luminous flux [lm]:	850 - 3000	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	PRM
Mounting method:	flush mounted	Dimensions A/B [mm]:	ø178/163

### Distinguishing features:

- Unique look
- Modern, elegant design
- Frameless design
- Various beam angles
- Light vertical adjustment up to 30 degrees
- Light horizontal adjustment up to 355 degrees





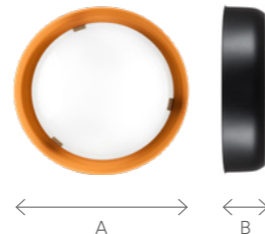
## Piatto 610

max.  
76 lm/W IP20 |

Light source:	LED module	Body material:	powder-coated aluminium
Rated power [W]:	28 - 45	Body colour:	white-gold, black-silver, black-gold
Luminous flux [lm]:	2050 - 3200	Diffuser material:	HIPS, PMMA
Colour temperature [K]:	3000; 4000	Diffuser type:	OPAL
Mounting method:	surface, suspended	Dimensions A/B [mm]:	ø610/150, ø610/150

### Distinguishing features:

- Elegant design
- Decorative style
- Minimalist design
- Fashionable colour combinations



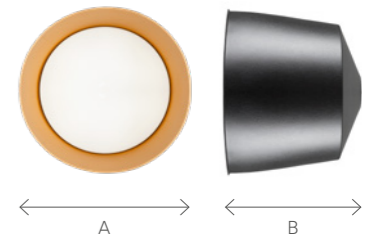
## Piatto 340

max.  
60 lm/W IP20 |

Light source:	LED module	Body material:	powder-coated aluminium
Rated power [W]:	9	Body colour:	white-gold, black-silver, black-gold
Luminous flux [lm]:	520; 560	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	OPAL
Mounting method:	suspended	Dimensions A/B [mm]:	ø340/280

### Distinguishing features:

- Elegant design
- Decorative style
- Minimalist design
- Fashionable colour combinations





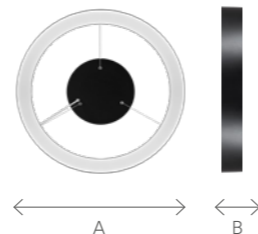
## Solanto

max.  
94 lm/W IP20 |

Light source:	LED module	Body material:	PS
Rated power [W]:	30 - 53	Body colour:	white, black
Luminous flux [lm]:	3100 - 6100	Diffuser material:	PMMA
Colour temperature [K]:	3000; 4000	Diffuser type:	OPAL
Mounting method:	surface, suspended	Dimensions A/B [mm]:	ø602/32, ø602/68, ø900/32, ø900/68, ø1200/32

### Distinguishing features:

- Elegant design
- Decorative style
- Minimalist design
- Fashionable colour combinations



The use of the Solanto luminaire.



Visualisation of the use of the Sizzano luminaire in modern interiors



reddot winner 2022

## Sizzano

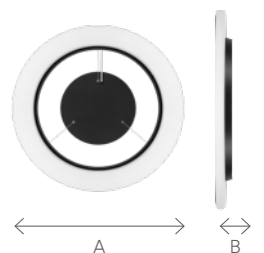
max.  
105 lm/W IP40

Light source:	LED module
Rated power [W]:	21-37, 32-55
Luminous flux [lm]:	2000 - 3800, 3100 - 5600
Colour temperature [K]:	3000; 4000
Mounting method:	suspended

Body material:	PS
Body colour:	white
Diffuser material:	PMMA
Diffuser type:	OPAL
Dimensions A/B [mm]:	630/50, 970/80

### Distinguishing features:

- Elegant design
- Impact-resistant rotationally moulded diffuser
- Inner flange in black or any colour from the RAL palette
- Fashionable colour combinations





Comprehensive lighting system



"Natura" confectionery shop in Poznań – the use of Expo LED 2, Baris 40 LED, Piatto LED luminaires



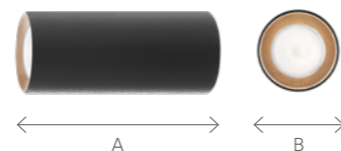
## Lungo LED

max. 95 lm/W IP65 IK10 |

Light source:	LED module	Body material:	aluminium
Rated power [W]:	10	Body colour:	White, black-gold
Luminous flux [lm]:	825; 860	Diffuser material:	PMMA
Colour temperature [K]:	3000; 4000	Diffuser type:	PRM
Mounting method:	suspended, surface-mounted	Dimensions A/B [mm]:	145/Ø60, 250/Ø60,

### Features:

- Elegant design
- Decorative style
- Minimalist design
- Fashionable colour combinations
- Durable aluminium body
- Focused beam of light



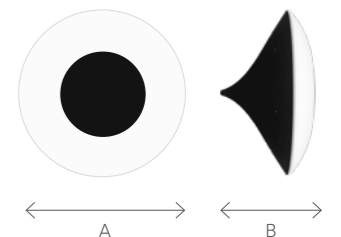
## Capella LED Plus

max. 103 lm/W IP65 IP54 IP20 IK07 IK06 ||

Light source:	LED module	Body material:	ABS
Rated power [W]:	11 - 26	Body colour:	white, red, black
Luminous flux [lm]:	950 - 2450	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	OPAL
Mounting method:	suspended	Dimensions A/B [mm]:	ø320/177

### Distinguishing features:

- High impact resistance
- Very high ingress protection
- High aesthetic value
- Branded components
- Compatibility with IoT components



Emergency  
**lighting**





## Dot CS LED

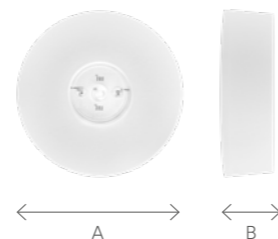
Flush-mounted version available

IP65 IK08 II

Light source:	LED module	Body material:	PC
Rated power [W]:	1; 2	Body colour:	white
Luminous flux [lm]:	140; 260	Diffuser material:	PMMA
Colour temperature [K]:	5000	Diffuser type:	transparent
Mounting method:	surface mounted	Dimensions A/B [mm]:	ø140/40

### Distinguishing features:

- Auto-testing mode
- Very high ingress protection
- Backup time: 1 or 3 hours
- 3 types of light distribution
- Two types: N or NM
- Autonomous emergency luminaire



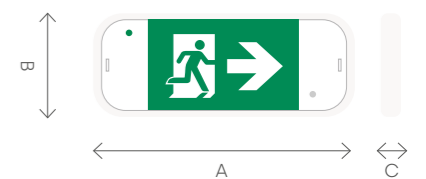
## Safelite

IP65 IK08 II

Light source:	LED module	Body material:	PC
Power [W]:	1.2; 3.2	Body colour:	white
Luminous flux [lm]:	100; 250	Diffuser material:	PC
Colour temperature [K]:	4000	Diffuser type:	PRM
Mounting method:	surface-mounted, flush-mounted	Dimensions A/B [mm]:	270/119, 371/170

### Distinguishing features:

- high ingress protection – IP65
- Operating mode: emergency or emergency-network
- Autonomy: 1h/3h



Industrial and  
warehouse  
**warehouses**





## Astra LED

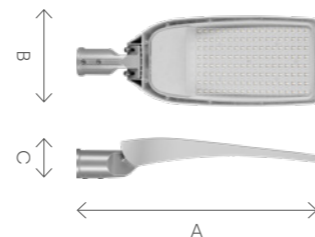
Basic version and VD budget version with sequential power supply available

max. 153 lm/W IP66 IK08 I,II

Light source:	LED module	Body material:	PP+FG
Rated power [W]:	17 - 98	Body colour:	grey
Luminous flux [lm]:	2100 - 12800	Diffuser material:	PC
Colour temperature [K]:	3000, 4000, 5700	Diffuser type:	transparent lens
Mounting method:	Side to bracket or top to pole	Dimensions A/B/C [mm]:	640/233/113

### Distinguishing features:

- Compact dimensions
- SP10kV surge protection
- H07RN-F cable, 0.7 m long
- Sealed IP66 quick coupler
- Energy efficiency



The use of the Astra LED luminaire in the parking lot in front of the "Reduta" Shopping Mall in Warsaw

## — Astra LED family

### Modern and cost-efficient street and car park luminaires

max.  
153 lm/W IP66 IK08 I, II

**Astra LED is a luminaire characterised by high luminous efficiency and equipped with a modern and energy-saving, integrated LED light module.**

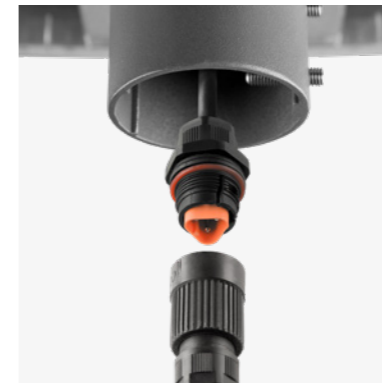
Thanks to the use of a tight quick connector and a power cable connected to the luminaire, its assembly is quick and efficient. It is intended for use in open areas to illuminate: streets, local roads, bicycle paths, alleys, pavements, parking lots and squares.

Ingress protection IP66 and IK08 mechanical impact resistance make the luminaire exceptionally tight and shock-resistant (vandal-resistant).

The integrated, adjustable bracket allows the luminaire to be set at an angle of  $-5^{\circ}$  to  $+15^{\circ}$  (top, on a pole) or  $-15^{\circ}$  to  $+5^{\circ}$  (side, on a bracket).

#### AVAILABLE OPTIONS:

- Motion sensor.
- Mounting bracket with a diameter of 76 mm
- 12-24 V version dedicated to power supply from photovoltaic panels, wind turbines or other sources with 12-24 V DC output voltage.



#### Quick installation

The use of a tight quick connector and a power cable connected to the luminaire makes the assembly more efficient.



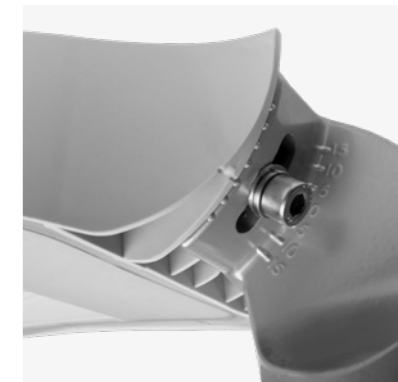
#### Self-cleaning body

Self-cleaning, one-piece body made of polypropylene (PP) reinforced with fibreglass (GF).



#### Lenticular arrays

Directional lenticular arrays made of PC, which allows for excellent light distribution.



#### Easy beam angle adjustment

bracket allows the luminaire to be set at an angle of:  $-5^{\circ}$  to  $+15^{\circ}$  (top, on a pole),  $-15^{\circ}$  to  $+5^{\circ}$  (side, on a bracket).



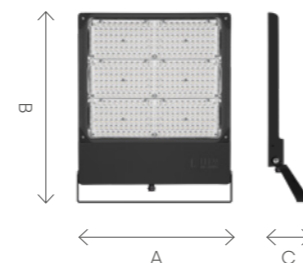
## Quest 2 LED

PZH max. 158 lm/W IP66 IK09 |

Light source:	LED module	Body material:	powder-coated aluminium
Rated power [W]:	27 - 243	Body colour:	anthracite grey
Luminous flux [lm]:	3600 - 30900	Diffuser material:	tempered glass
Colour temperature [K]:	3000, 4000, 5700	Diffuser type:	transparent
Mounting method:	surface mounted	Dimensions A/B/C [mm]:	436/472/79, 437/378/79

### Distinguishing features:

- Very high ingress protection
- Durable aluminium body
- 5 types of light distribution
- Quick connector – mounting is faster and cheaper
- Very high efficiency
- Slim aluminium body without heat sink fins – not collecting dirt and easy to clean



The use of the QUEST 2 LED luminaire in the IKEA parking lot in Poznań.



## Quest 2 LED family

Let us introduce the Quest 2 LED family – a line of floodlights and High-Bay luminaires. Versatility and multitude of applications is their greatest advantage – as per the designer's vision, which assumed differentiation of individual variants so that they could be dedicated to a number of places and objects.

Examples of application:

- industrial halls and warehouses;
- ramps, infrastructure around the halls;
- internal roads, parking lots;
- exhibition, entertainment and sports halls;
- sports grounds and stadiums;
- façades of architectural objects;
- historic buildings, monuments, billboards;
- temporary lighting of the construction site;
- temporary lighting of service workplaces

Quest 2 LED luminaires are characterised by high energy efficiency, which translates into the reduction in the emission of CO<sub>2</sub> and allows for up to 65% savings compared to luminaires equipped with traditional light sources.



Floodlight



High-Bay

**WILL  
ILLUMINATE  
ANY  
SPACE**





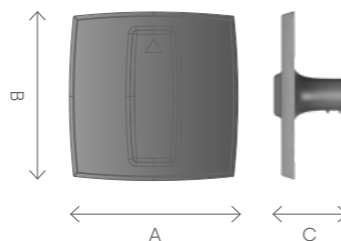
### Mitra LED

max. 140 lm/W IP66 IK07 I, II

Light source:	LED module	Body material:	PP + FG
Rated power [W]:	13 - 62	Body colour:	grey
Luminous flux [lm]:	1550 - 7050	Diffuser material:	PC
Colour temperature [K]:	3000; 4000	Diffuser type:	transparent lens
Mounting method:	top, to the pole	Dimensions A/B/C [mm]:	398/398/175

**Distinguishing features:**

- High degree of impact resistance
- Two types of diffuser – opalescent and transparent
- SP10kV surge protection
- H07RN-F cable, 0.6 m long
- Sealed IP66 quick coupler



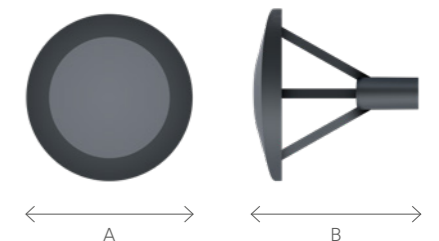
### Leo Park LED

max. 130 lm/W IP65 IK07 II

Light source:	LED module	Body material:	aluminium
Rated power [W]:	30 - 88	Body colour:	anthracite grey
Luminous flux [lm]:	3200 - 11400	Diffuser material:	PMMA
Colour temperature [K]:	4000	Diffuser type:	transparent lens
Mounting method:	top, to the pole	Dimensions A/B [mm]:	ø400/430

**Distinguishing features:**

- High degree of impact resistance
- Three diffuser types
- Round, compact aluminium body
- Available types of light distribution: ASM1; RM2; SM1



Bactericidal and  
virucidal  
**luminaires**



# Safe customers and personnel at your shop

A large supermarket or a small boutique... Wherever you are, you will feel more confident from now on. Widespread vaccinations, social distancing and wearing masks are the main tools in the fight against the COVID-19 pandemic. And another important thing for people's safety is efficient disinfection.

We present a line of luminaires dedicated for air and surface disinfection. Thanks to the UV-C technology, well-known and proven for over 100 years, the STERILON family is nearly 100% effective in removing viruses, bacteria and mould.

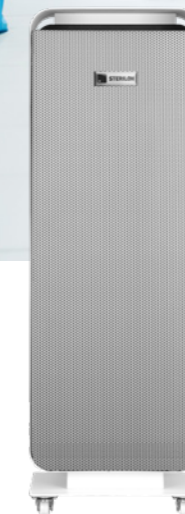
UV-C light disinfection is also commonly used to pasteurise milk, decontaminate means of transport and sterilise tools in beauty and hairdressing salons.

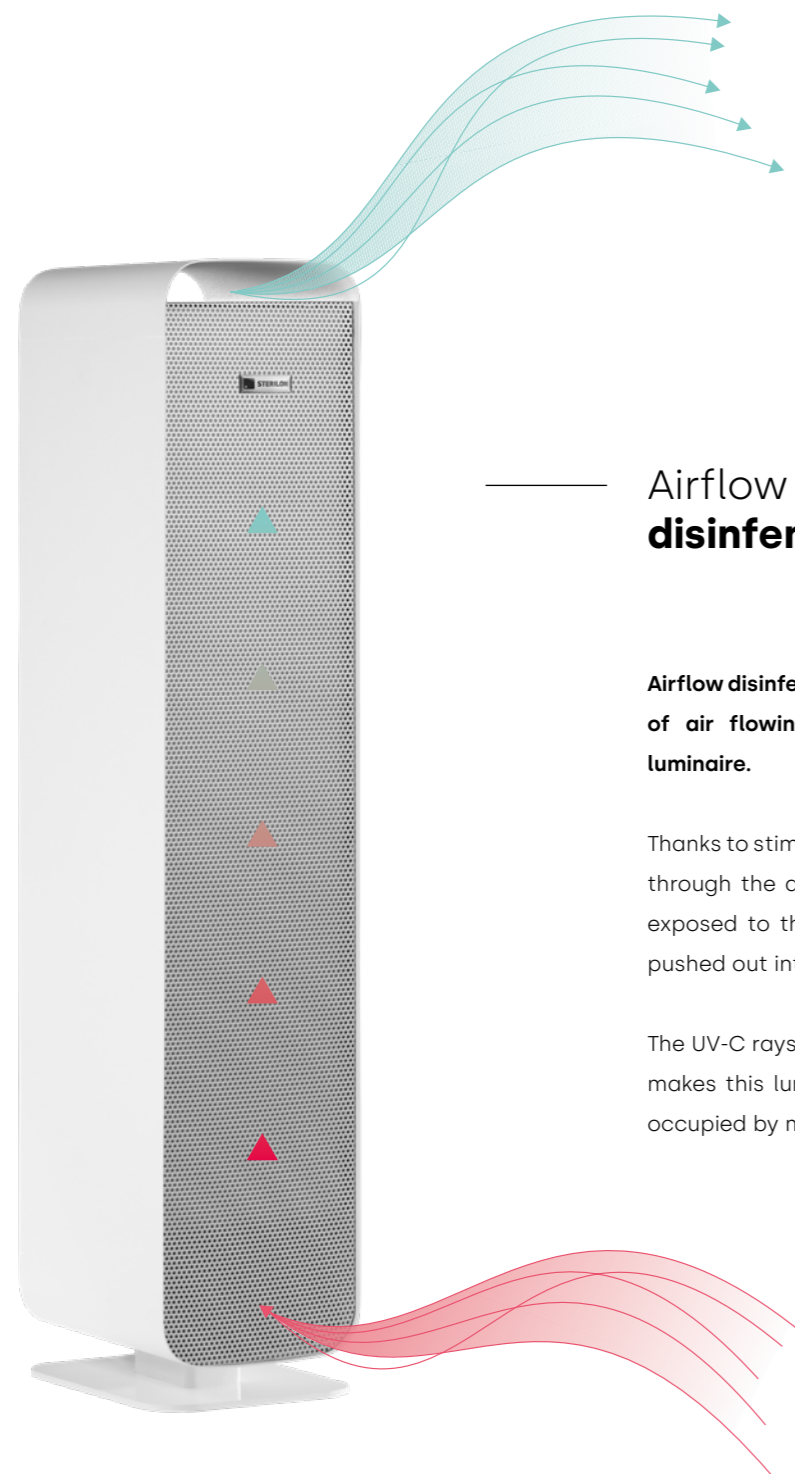
With airflow luminaires representing the UV-C Sterilon family, you can safely disinfect rooms occupied by people. This is possible thanks to their design, thanks to which the UV-C light does not leak outside the luminaire.

————— UV-C Sterilon **family**

## Our products are certified by the National Institute of Hygiene

Effectiveness supported by evidence!



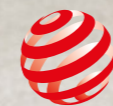


## Airflow disinfection

**Airflow disinfection consists in UV-C irradiation of air flowing through the interior of the luminaire.**

Thanks to stimulated circulation, the air passes through the disinfection chamber, where it is exposed to the light and sterilised, and then pushed out into the room.

The UV-C rays do not reach the outside, which makes this luminaire ideally suited for places occupied by many people.



reddot winner 2022

**UV-C Sterilon Flow Premium airflow luminaires operate in the background, in your presence,** so that you can focus on work or on other activities you find pleasant.

# Intelligent lighting control system

In commercial facilities, light, among other things, is responsible for the attractiveness of displays, as well as the mood and the overall atmosphere that accompanies shopping. It allows you to accentuate selected product groups, direct customer interest and stimulate shopping reactions. On the other hand, optimisation of its intensity with the maximum use of natural light translates into a reduction in electricity consumption.

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## What CLUE<sup>IN</sup> offers

- scalability – from one boutique to the entire shopping mall
- comfort for customers and shop attendants
- better sales – boosts the quality of product displays
- energy savings – adjusts the lighting to the time of day and the intensity of natural outside light



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**CLUE<sup>IN</sup>** for  
commerce

# Where can I use **CLUE**<sup>iN</sup> ?

Properly matched lighting  
wherever you are.



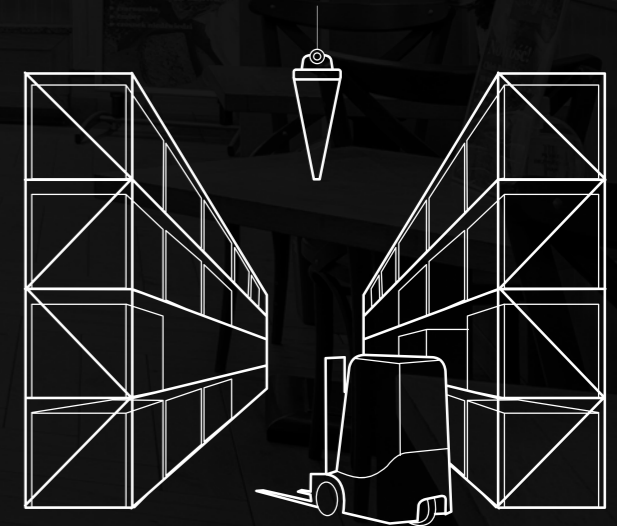
for commerce



for restaurants  
and hotels



for industry





## CLUE<sup>iN</sup>

In commercial facilities, light, among other things, is responsible for the attractiveness of displays, as well as the mood and the overall atmosphere that accompanies shopping. Therefore, it plays an extremely important role, translating into sales effectiveness.

System's scalability allows CLUE<sup>iN</sup> to be used regardless of the size of the facility. It will prove perfect in one room, as well as in the entire building complex.

There is no need for renovation, forging walls or through-wiring. Easy access from a smartphone app allows you to see the world in a better light.

CLUE<sup>iN</sup> can be used in shops and shopping malls. It is perfect for open space offices, as well as individual offices, conference rooms, communication routes, reception desks, lobbies and social rooms.



See how it works!  
[lenalighting.pl/cluein-pl](http://lenalighting.pl/cluein-pl)

## Adapt the light to current needs, while optimising the use of energy.

This is one of the main goals of the CLUE<sup>iN</sup> system




Human Centric Lighting



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## Entrust lighting design to professionals

Offices: Środa Wielkopolska / Warsaw



Our customers can take advantage of our experts' professional advice at any time during the implementation of the investment. We will support you in choosing the lighting concept and the products. We will make visualisations and comprehensive lighting projects using the latest computer software. We make calculations of profitability and energy efficiency of lighting.

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**We invite you** to cooperate  
with us



# It really matters

We make our products according to the highest environmental standards.



Being aware of the importance of environmental protection behaviours and future generations inspires us to put maximum effort into offering the highest quality, energy-efficient products; and to make sure that the entire process and technology of their production do not have a negative impact on the ecosystem.

Our efforts and their effectiveness have been confirmed by the ISO 14001 certificate. This means that Lena Lighting has successfully implemented an environmental management system. The overall goal of this system is to create conditions for the functioning of the enterprise in order to minimise the negative impact on the natural environment. We have already succeeded, but we are going to continue our journey and invest in technology and knowledge aimed at care for the natural environment.



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