Office
lighting

LENA
LIGHTING

———————— 100%

Made in Poland

Lena Lighting S.A. is a leading Polish manufacturer of high quality lighting fixtures. Since 2005 listed on the main market of the Warsaw Stock Exchange in Warsaw, Poland. We design, develop and manufacture professional lighting solutions.

Our products are present on both the domestic and foreign markets. We are a leading Polish exporter in lighting industry, present at ca. 70 markets worldwide. Since 34 years, we respond to the needs of our demanding customers at home and abroad with unflagging passion and commitment.

We provide technologically advanced solutions in the field of Architectural, Office & Industrial Lighting. Our Workplace Lighting systems are especially appreciated in Western Europe and Scandinavia, where they are considered professional and high-quality products.

34+

Years of expierence

———————— **We constantly expand and modernize our production lines.**

Środa Wielkopolska, Poland

Office
lighting

■

The best solution for
your office

The minimalist and unique design has been combined with an innovative approach in the field of energy saving and solutions that increase the comfort of working and staying in artificial light. Baris 40 LED & Baris 52 LED luminaires, has been designed in accordance with the Human Centric Lighting concept, which – when it comes to lighting design – puts people and their needs first.

The opal diffuser ensures an even distribution of light, which has a significant impact on the sense of comfort and well-being. This innovative luminaires combines the most important aspects of a modern approach to lighting design – maximum energy efficiency, functionality, possibility to create individual lighting installations with user comfort.

6 metres
of a uniform design

UGR <19
no glare effect

Baris LED family

08
different variants

01 **Baris Square 40/52 LED**
Luminaire with a classic square shape

02 **Baris 40 LED**
Surface & suspended office luminaire

03 **Baris 40 LED UGR**
Surface & suspended luminaire with UGR<19

04 **Baris 40/52 LED Bracket**
Bracket for wall mounting

05 **Baris 52 LED**
Suspended and surface mounted luminaire to create light lines

06 **Baris 52 LED X, T, L, V**
Connectors for creating a variety of light lines

07 **Baris 52 Led P GK**
Recessed mounted luminaire in plasterboard ceilings

08 **Baris 52 LED SM**
Recessed mounted version for modular ceilings

The most important differences between 52 & 40 versions:

- Version 52 is a modular system with X,T,L,V connectors are available
- Version 52 enables the creation of light lines up to 25 meters without connections of the lampshade
- Version 52 has IP44 ingress protecion class
- Version 52 enables connection the luminaire with an ioT components
- Version 40 is available as a single, autonomous luminaire and is not available in a recessed version

Impressive length of the profile without joints and the possibility to replace LED modules.

Baris 52 LED

25 m
of a uniform design

Baris 52 LED is an intelligent, energy-saving luminaire allowing for original lighting arrangements in offices and representative rooms.

Equipped with an ergonomic assembly system, it allows you to create as many as 6 meters of light lines without the need to join the profile and the diffuser, and to compose virtually unlimited strings as well as simple shapes and figures.

The luminaire's great advantage is its energy efficiency. It features the highest-class LED modules and intelligent solutions limiting electricity consumption.
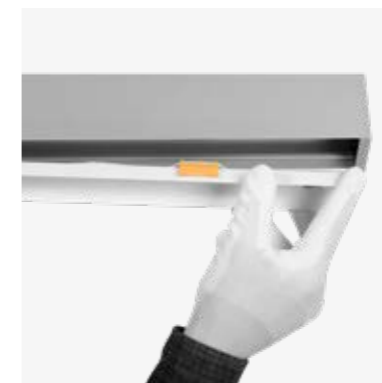

More option with IoT

The luminaire's profile is compatible with intelligent IoT modules, which also allows to optimise the provided level and amount of light.

Easy replacement

The luminaire's modularity allow the replacement of electronic components such as the LED strip, power supply and the diffuser.
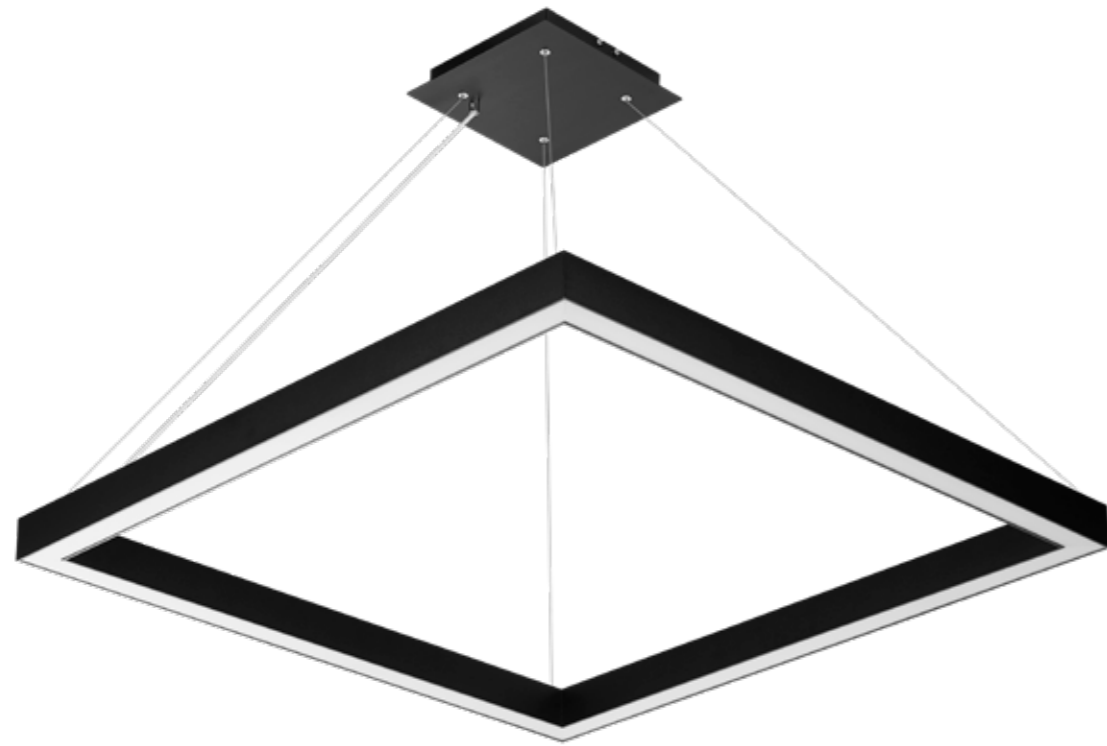

Convenient installation

Convenient plastic clips connecting the lighting system with the luminaire's aluminum profile.

Dedicated flexible diffuser

A dedicated flexible edge of the diffuser allows for IP44 tightness and up to 25 meters of uniformity of the diffuser.
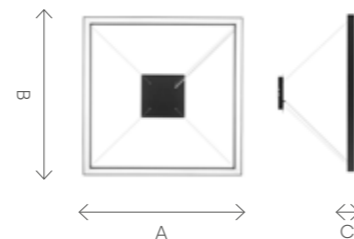
Baris Square 40 LED

max.
110 lm/W   IP20 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	32 - 116	**Colour of the body:**	white, black, grey
Luminous flux range [lm]:	3200 - 11700	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	suspended	**Dimensions A/B/C [mm]:**	1162/1162/52, 882/882/52, 602/602/52

Features:

- Solid body
- Modern design
- High luminous efficacy
- Compact design
- Vast selection of version, colour and length
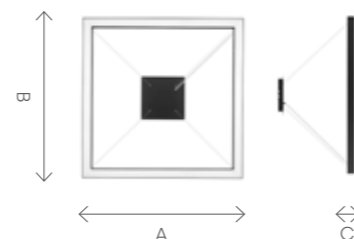

Application of Baris Square 40 LED.
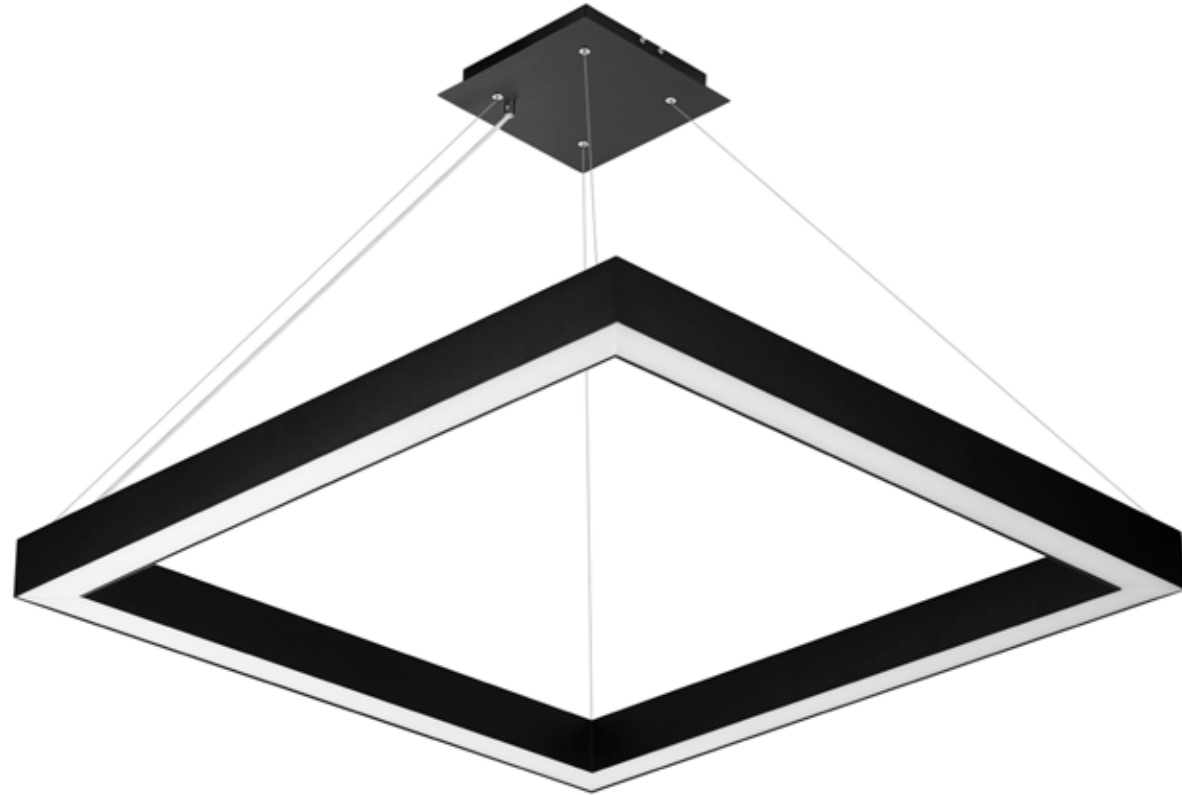
Baris Square 52 LED

max.
114 lm/W   IP40 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	32 - 145	**Colour of the body:**	white, black, grey
Luminous flux range [lm]:	3100 - 15100	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	suspended	**Dimensions A/B/C [mm]:**	1173/1173/69, 1453/1453/69, 893/893/69, 613/613/69

Features:

- Solid body
- Modern design
- High luminous efficacy
- Compact design
- IP40 versions
- Vast selection of version, colour and length
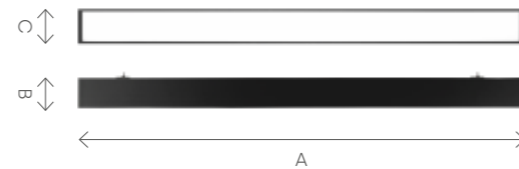

Application of Baris Square 52 LED.

Baris 40 LED

max.
131 lm/W   IP44/IP20 |

Light source:	LED module	Material of the body:	aluminium
Nominal power range [W]:	16 - 50	Colour of the body:	grey, white, black
Luminous flux range [lm]:	1300 - 5900	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL, PRM
Mounting version:	surface, suspended	Dimensions A/B/C [mm]:	1140/53/40, 1421/53/40, 579/53/40

Features:

- Solid body
- Narrow mounting profile
- High luminous efficacy
- Compact design
- IP44 versions
- Vast selection of version, colour and length

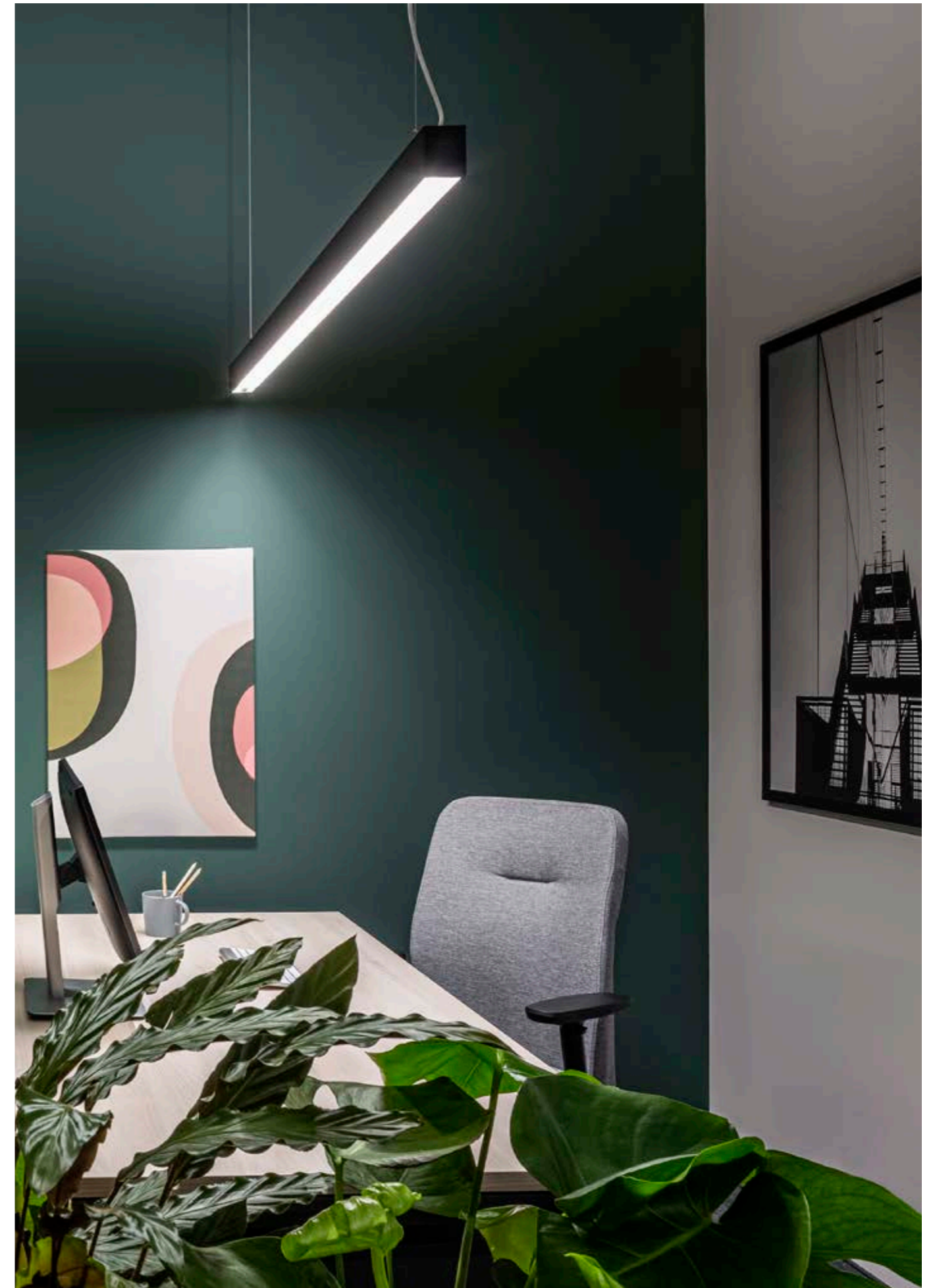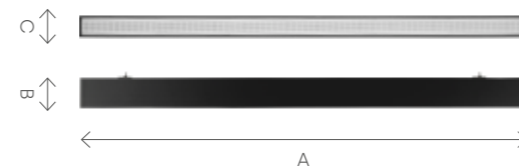Application of Baris 40 LED suspended version in office conference room.

Baris 40 LED UGR

max.
126 lm/W   IP44/IP20

Light source:	LED module		Material of the body:	aluminium
Nominal power range [W]:	19 - 44		Colour of the body:	grey, white, black
Luminous flux range [lm]:	2200 - 5100		Diffuser material:	PC
Colour temperature [K]:	3000, 4000		Diffuser type:	PRM
Mounting version:	suspended, surface		Dimensions A/B/C [mm]:	1140/53/40, 1421/53/40

Features:

- No glare effect
- Narrow mounting profile
- High luminous efficacy
- Compact design
- IP44 versions
- Vast selection of version, colour and length

Application of Baris 40 LED in office room.
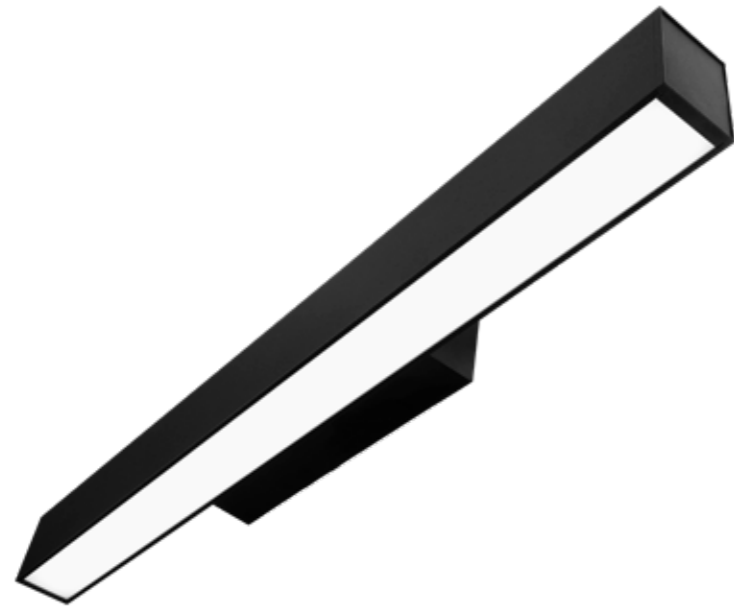
Baris 40 LED Kinkiet

max.
85 lm/W   IP44 |

Light source:	LED module		Material of the body:	aluminium
Nominal power range [W]:	15, 16		Colour of the body:	grey, white, black
Luminous flux range [lm]:	1100 - 1700		Diffuser material:	PC
Colour temperature [K]:	3000, 4000		Diffuser type:	OPAL, PRM
Mounting version:	surface - wall		Dimensions A/B/C/D [mm]:	579/40/53/71, 860/40/53/71

Features:

- Compact design
- IP44 versions
- Elegant, minimalist design
- Prestigious
- Solid body

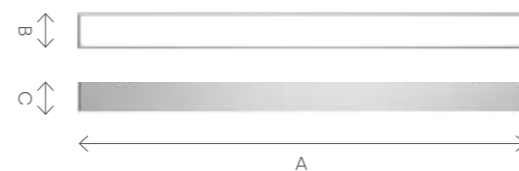Application of Baris 40 bracket in hotel room.
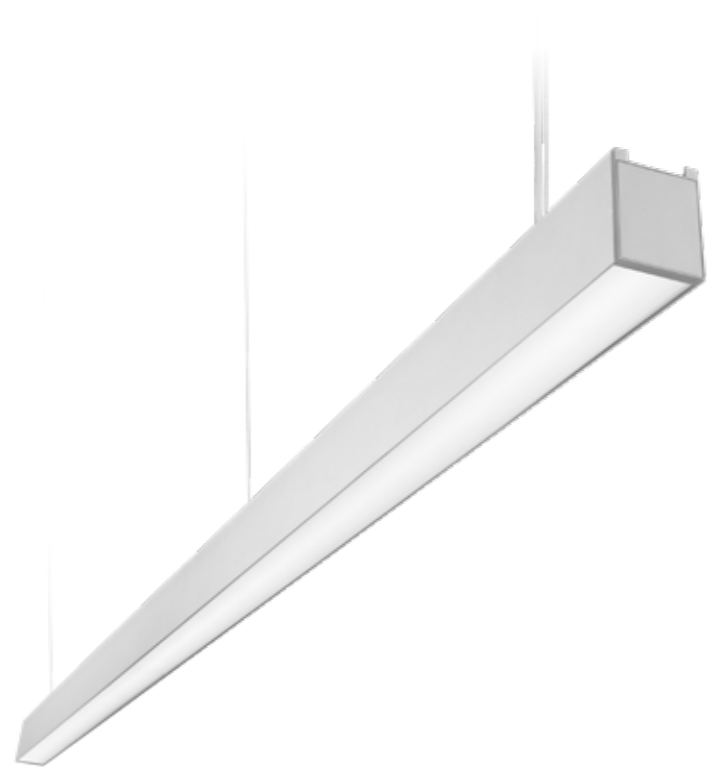
Baris 52 LED

max.
129 lm/W   IP44 |

Light source:	LED module	Material of the body:	aluminium
Nominal power range [W]:	14 - 84	Colour of the body:	grey, white, black
Luminous flux range [lm]:	1800 - 9600	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL
Mounting version:	suspended, surface	Dimensions A/B/C [mm]:	1143-5623/52/69

Features:

- For creating lines up to 6 meters long without profile joints and up to 25 m with no need to join the diffuser
- Possible replacement of components
- Unprecedented vast selection of version, colour and length
- Version with UGR raster that meets the stringent UGR <19
- X,T,L connectors

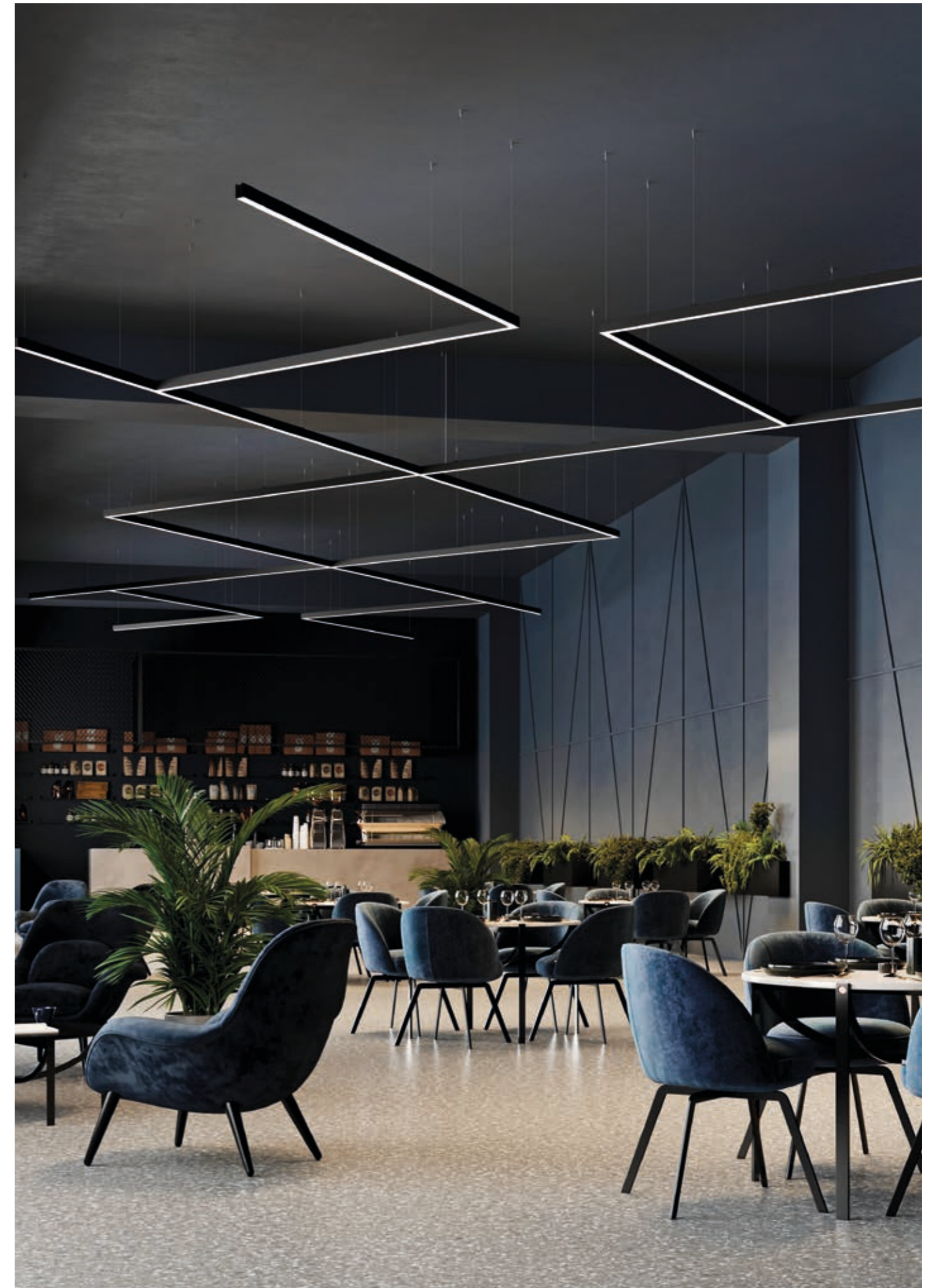Application of Baris 52 LED suspended version in office conference room.

Baris 52 LED X/T/L/V

max.
126 lm/W   IP20 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	13, 17	**Colour of the body:**	grey, white, black
Luminous flux range [lm]:	2100, 1600	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	OPAL
Mounting version:	universal	**Dimensions:**	see datasheet

Features:

- Aluminium body
- Equipped with integrated electronics and a diffuser
- Universal solution for surface mounted and suspended versions of Baris 52 LED
- Create extraordinary opportunities to configure the light line

Application of Baris 52 LED suspended version with line connectors in restaurant.
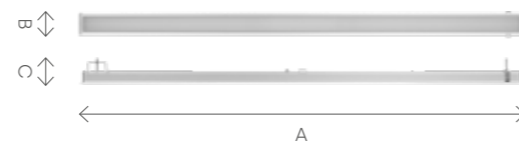
Baris 52 LED P GK

max.
107 lm/W   IP44/IP20 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	9 - 64	**Colour of the body:**	grey, black, white
Luminous flux range [lm]:	700 - 6900	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	OPAL, UGR, PRM
Mounting version:	recessed in plasterboard ceilings	**Dimensions A/B/C [mm]:**	586/69/37, 1145/69/37, 1425/69/37, 2265/69/37

Features:

- Exchangeability of components due to modularity
- Flexibility in selection of diffuser version, colour, length (in 14 cm steps)
- Versions with glare-reducing louvre UGR<19 available
- Profile height of only 37 mm
- Aluminium body

Application of Baris 52 LED in open space types.

Baris 52 LED Single

max.
109 lm/W   IP44 |

Light source:	LED module	Material of the body:	aluminium
Nominal power range [W]:	9 - 66	Colour of the body:	grey, white, black
Luminous flux range [lm]:	850 - 6800	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL, PRM, UGR
Mounting version:	surface, suspended	Dimensions A/B/C [mm]:	583, 1143, 1423, 2263/52/69

Features:

- Compatibility with intelligent IoT modules
- Modularity and demountability of the lamp
- Ergonomic suspension system
- High ingress protection
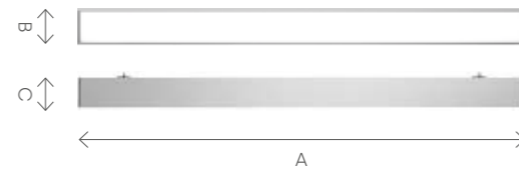
Baris 52 LED DIR/IND Single

max.
115 lm/W   IP44 |

Light source:	LED module	Material of the body:	aluminium
Nominal power range [W]:	44 - 88	Colour of the body:	grey, black, white
Luminous flux range [lm]:	4950 - 9900	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL, PRM
Mounting version:	suspended	Dimensions A/B/C [mm]:	1143, 1423, 2263/52/69

Features:

- Compatibility with intelligent IoT modules
- Version with indirect light available
- Modularity and demountability of the lamp
- Ergonomic suspension system
- High ingress protection
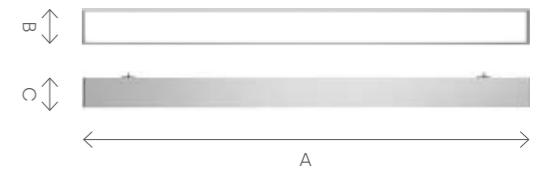
Baris 52 LED P SM

max.
92 lm/W   IP44/IP20 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	9 - 45	**Colour of the body:**	grey, black, white
Luminous flux range [lm]:	850 - 4500	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	recessed in modular ceilings	**Dimensions A/B/C [mm]:**	1193/69/60, 1793/69/60, 593/69/60

Features:

- Solid aluminium body
- Diffuser: OPAL (soft light), PRM (low glare)
- Complete mounting system allowing quick and easy installation in modular ceilings
- High uniformity of light SDCM ≤3
- Low weight
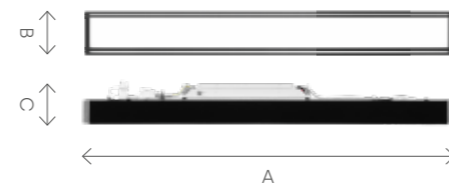
Visualization of the use of the Baris 52 LED lamp in a version for modular ceilings.
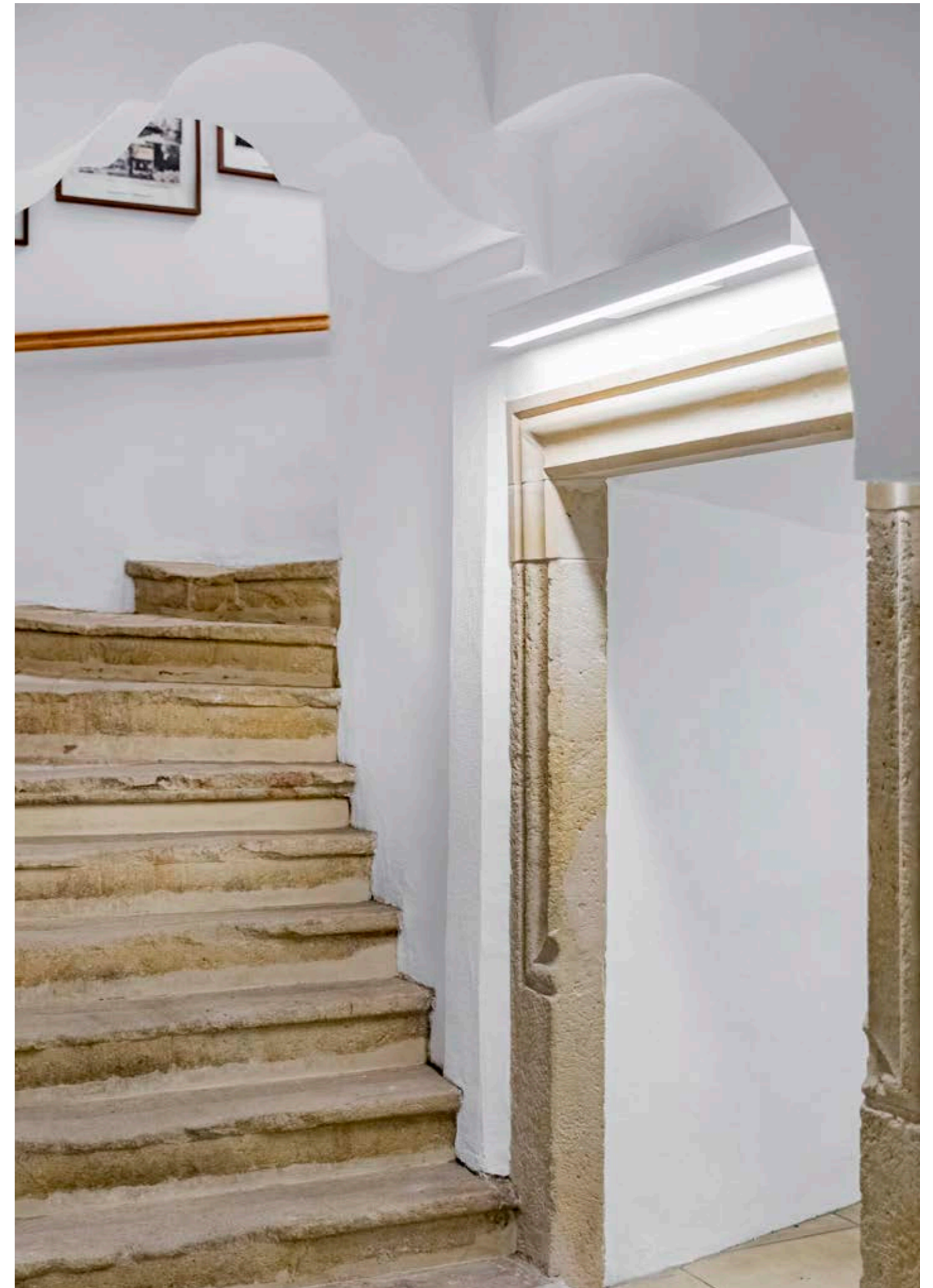
Baris 52 LED Bracket

max.
108 lm/W   IP44 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	13 - 26	**Colour of the body:**	grey, white, black
Luminous flux range [lm]:	1300 - 2750	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	surface - wall	**Dimensions A/B/C/D [mm]:**	864/52/69/82

Features:

• Direct / indirect lighting
• IP44 versions
• Elegant, minimalist design
• Prestigious
• Solid body

Application of Baris 52 LED Bracket in Muzeum Kargula i Pawlaka (Poland)

30

reddot winner 2022

# Sizzano

max.
105 lm/W   IP40 |

Light source:	LED module		**Material of the body:**	PC
Nominal power range [W]:	21 - 37, 32 - 55		**Colour of the body:**	black
Luminous flux range [lm]:	2000 - 3800, 3100 - 5600		**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000		**Diffuser type:**	OPAL
Mounting version:	suspended		**Dimensions A/B [mm]:**	Ø970/80, Ø630/50

Features:

- Modern & catchy design
- Perfect light distribution on the diffuser
- Multi versions with adjustable power and flux settings
- Two different diameters
- Versions with DIMM-DALI control available

A   B

Application of Sizzano in modern aparrtment.
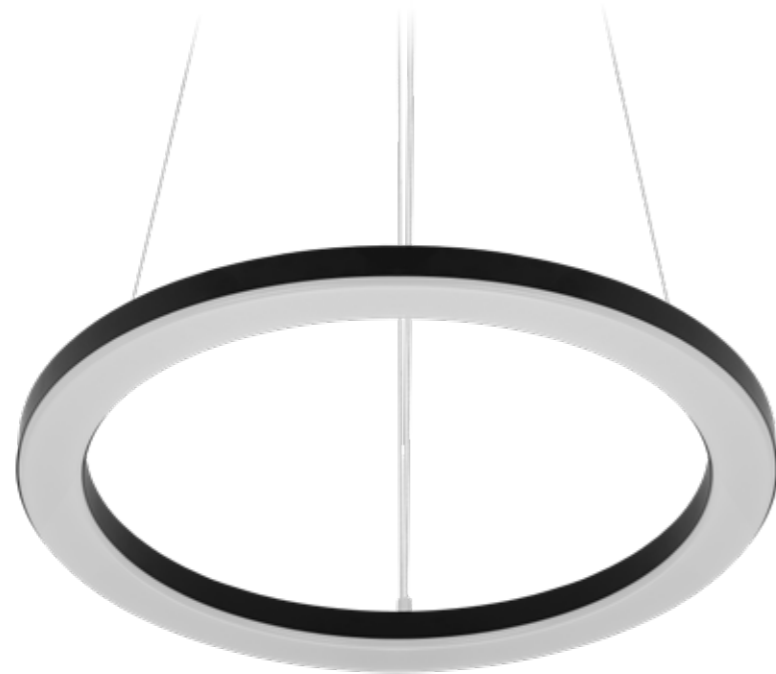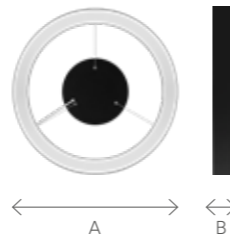
Solanto

max.
94 lm/W   IP20 |

Light source:	LED module	**Material of the body:**	steel
Nominal power range [W]:	30 - 62	**Colour of the body:**	white, black
Luminous flux range [lm]:	2500 - 6100	**Diffuser material:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	suspended, surface	**Dimensions A/B [mm]:**	Ø602/32, Ø900/32, Ø602/68, Ø900/68

Features:

- Classic circle-shaped design
- Thermoformed diffuser
- Multi versions with adjustable power and flux settings
- Perfect light distribution on the diffuser
- Versions with DIMM-DALI control available

A ↔   B ↔

Application of Solanto in beuty & SPA centre.
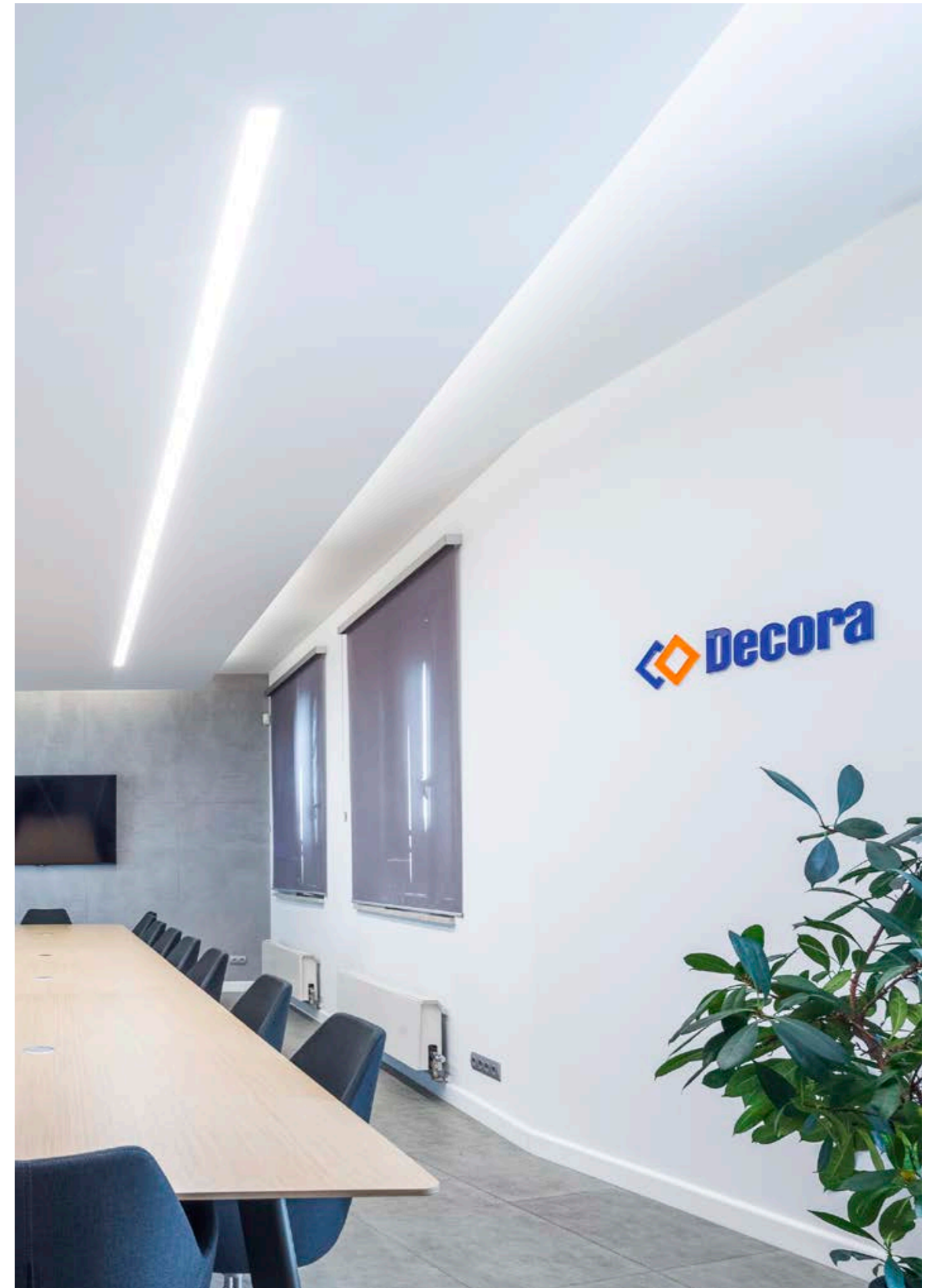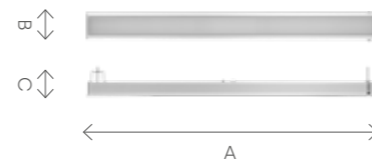
Elegante LED System

max. 86 lm/W   IP44/IP40 |

Light source:	LED module		Material of the body:	aluminium
Nominal power range [W]:	8 - 30		Colour of the body:	silver
Luminous flux range [lm]:	700 - 2400		Diffuser material:	PC
Colour temperature [K]:	3000, 4000		Diffuser type:	OPAL
Mounting version:	recessed		Dimensions A/B/C [mm]:	562/90/65, 1123/90/65 575/52/66, 1136/52/66

Features:

- Frameless design
- X, T, L connectors
- Solid, aluminium body
- To be connected in lines without diffuser joints (max. 25 m long)

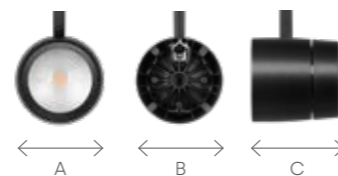Application of Elegante LED System id Decora S.A. conference room.

Expo Adjust

max.
111 lm/W   IP20 |

Light source:	COB LED module	**Material of the body:**	aluminium, ABS
Nominal power range [W]:	19 - 37	**Colour of the body:**	black, white
Luminous flux range [lm]:	1700 - 3450	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	transparent
Mounting version:	track, recessed, surface	**Dimensions A/B/C [mm]:**	225/213/95

Features:

- Selected versions have the function of manual adjustment of the beam angle (22-55⁰), on principles similar to the lens operation („zoom")
- Compatibility with track systems
- DIMM-DALI control in option
- No emission of ultraviolet and infrared radiation and a high color rendering index (Ra >90)

A   B   C

Application of Expo Adjust.

NEW

Expo Adjust Shop

max. 111 lm/W   IP20 |

Light source:	COB LED module	**Material of the body:**	aluminium, ABS
Nominal power range [W]:	19 - 35	**Colour of the body:**	biały, czarny
Luminous flux range [lm]:	1000 - 3200	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	transparent
Mounting version:	track, recessed, surface	**Dimensions A/B/C [mm]:**	225/213/95

Features:

- The absence of ultraviolet and infrared emissions
- Meat and charcuterie - light colour shifted closer to the colour we know as ‚red'
  (Ra 80). Meat products look more appetising and fresh.
- Bread - the colour of light shifted closer to the colour we know as ‚yellow' (3000K,
  Ra 90). Baked goods are more saturated with colour, which makes them look fresh.
- Jewellery - a colour of light shifted closer to the colour we know as ‚white' (4000K
  Ra 90). This colour can be dedicated to the display of other product categories.
  It is universal and draws attention to detail. It will help to better display the product.

A ⟷   B ⟷   C ⟷
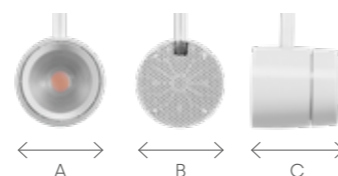
Application of Expo Adjust Shop in jewelry store.

Tube LED Evo 2

max.
121 lm/W   IP65   IK08   I, II

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	14 - 36	**Colour of the body:**	silver, black
Luminous flux range [lm]:	1350 - 4200	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	transparent
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	785/45/42/, 1065/45/42/, 1346/45/42, 1626/45/42

Features:

• Universal application, modern design
• Very high ingress protection
• High impact resistance
• For office and warehouse
• Slim design – elegant and matching any interior
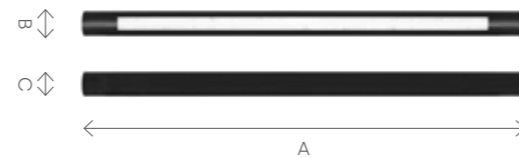
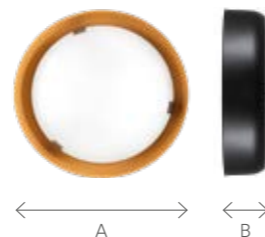

Application of Tube led Evo 2 in apartament.

Piatto LED 610

Light source:	LED module	Material of the body:	powder coated aluminium
Nominal power range [W]:	28 - 45	Colour of the body:	white-gold, black-silver, black-gold
Luminous flux range [lm]:	2050 - 3200	Diffuser material:	HIPS, PMMA
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL
Mounting version:	surface, suspended	Dimensions A/B [mm]:	ø610/150, ø610/150

Features:

• Elegant
• Decorative style
• Minimalist design
• fashionable color schemes

A   B

Piatto LED 340

Light source:	LED module	Material of the body:	powder coated aluminium
Nominal power range [W]:	9	Colour of the body:	white-gold, black-silver, black-gold
Luminous flux range [lm]:	520, 560	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL
Mounting version:	suspended	Dimensions A/B [mm]:	ø340/280

Features:

• Elegant
• Decorative style
• Minimalist design
• fashionable color schemes

A   B

Madera Altus LED Evo

max. 101 lm/W   IP20   IK07 |

Light source:	LED module	**Material of the body:**	aluminium, powder coated steel
Nominal power range [W]:	50, 88	**Colour of the body:**	white, grey, black
Luminous flux range [lm]:	4650 - 8700	**Diffuser material:**	PMMA
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	suspended	**Dimensions A/B/C [mm]:**	900/900/120

Features

- Large-size (900x900 mm)
- High energy efficiency
- Solid steel body
- Soft light
- Available in three colours: black, grey and white
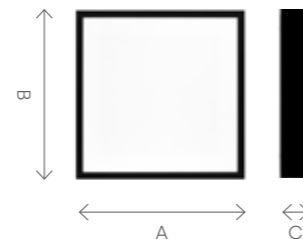
Application of Madera Altus LED Evo in passenger terminal.

Terrano

max.
113 lm/W   IP20   ‖

Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	9 - 56	**Colour of the body:**	black & white
Luminous flux range [lm]:	1050 - 6300	**Diffuser material:**	PMMA
Colour temperature [K]:	3000, 4000	**Diffuser type:**	lense
Mounting version:	surface - into modular ceiling profiles	**Dimensions A/B/C [mm]:**	568/33/17

Features:

• Quick and tool-free installation
• Very low glare UGR of 12 - 19
• Light figure compositions possible
• Low weight
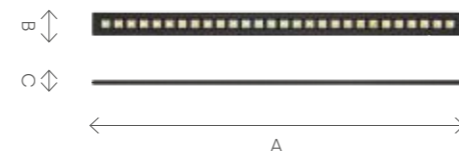
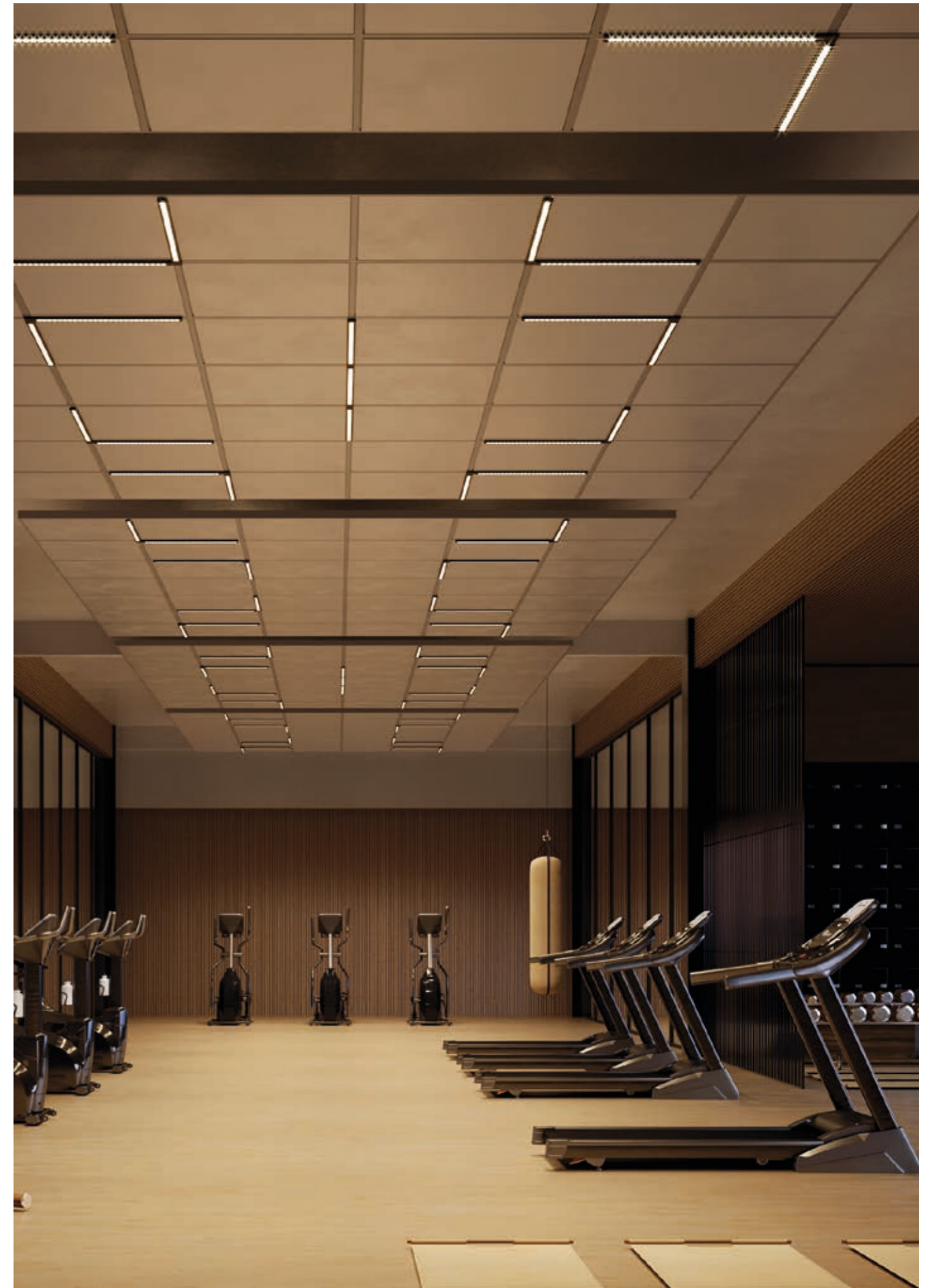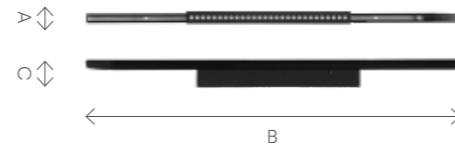Application of Terrano in office.

Terrano S LED

max.
134 lm/W   IP20 |

Light source:	LED module
Nominal power range [W]:	9 - 56
Luminous flux range [lm]:	1050 - 6300
Colour temperature [K]:	3000, 4000
Mounting version:	to the track

Material of the body:	blacha stalowa malowana proszkowo
Colour of the body:	grey, black, white
Diffuser material:	PMMA
Diffuser type:	lense
Dimensions A/B/C [mm]:	43/1117/59, 43/566/59

Features:

• Very low glare UGR of 12 - 19
• Quick installation
• Robust metal body
• Compatible with track-mounting system

B

Application of Terrano in gym.

Terra 2 LED

max.
116 lm/W   IP20 ||

—— Available multi version with adjustable power and flux settings

Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	20 - 72	**Colour of the body:**	black & white
Luminous flux range [lm]:	1900 - 8100	**Diffuser material:**	n/d
Colour temperature [K]:	3000, 4000	**Diffuser type:**	n/d
Mounting version:	recessed, surface, suspended	**Dimensions A/B/C [mm]:**	595/595/32, 595/595/36, 595/595/38

Features:

- Solid and economical
- High ingress protection
- Glare-reducing louvre luminaires
- High uniformity of light SDCM ≤3
- Multitude of versions available in different sizes, colours and power and mounting options
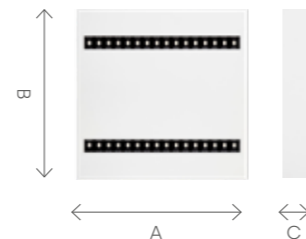
Application of Terra 2 LED in office.

Terra 2 LED Long

max.
116 lm/W   IP20 ||
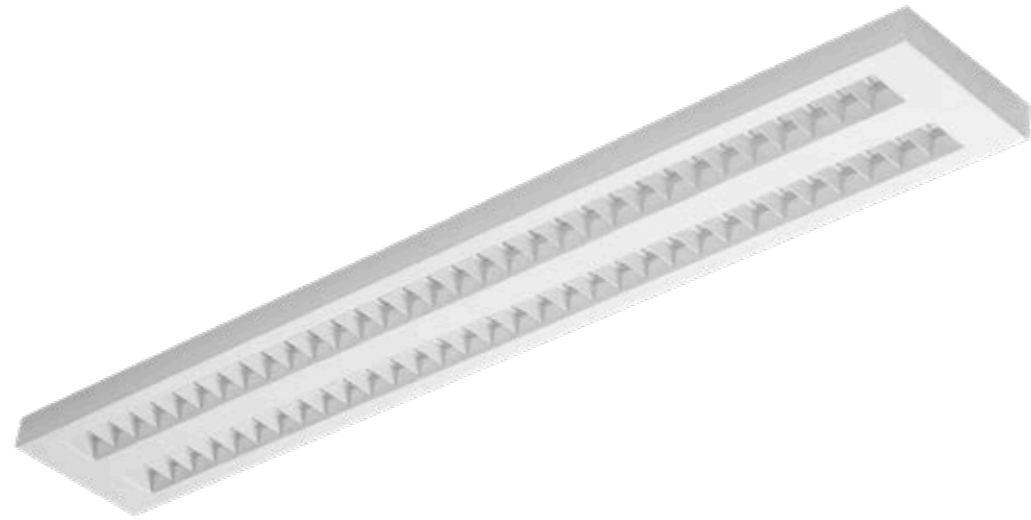
—— Available version with asymmetric beam angle

Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	20 - 72	**Colour of the body:**	black & white
Luminous flux range [lm]:	1900 - 8100	**Diffuser material:**	n/d
Colour temperature [K]:	3000, 4000	**Diffuser type:**	n/d
Mounting version:	surface, recessed, suspended	**Dimensions A/B/C [mm]:**	595, 1195/140 - 300/32-38

Features:

- Solid and economical
- High ingress protection
- Glare-reducing louvre luminaires
- High uniformity of light SDCM ≤3
- Multitude of versions available in different sizes,
  colours and power and mounting options
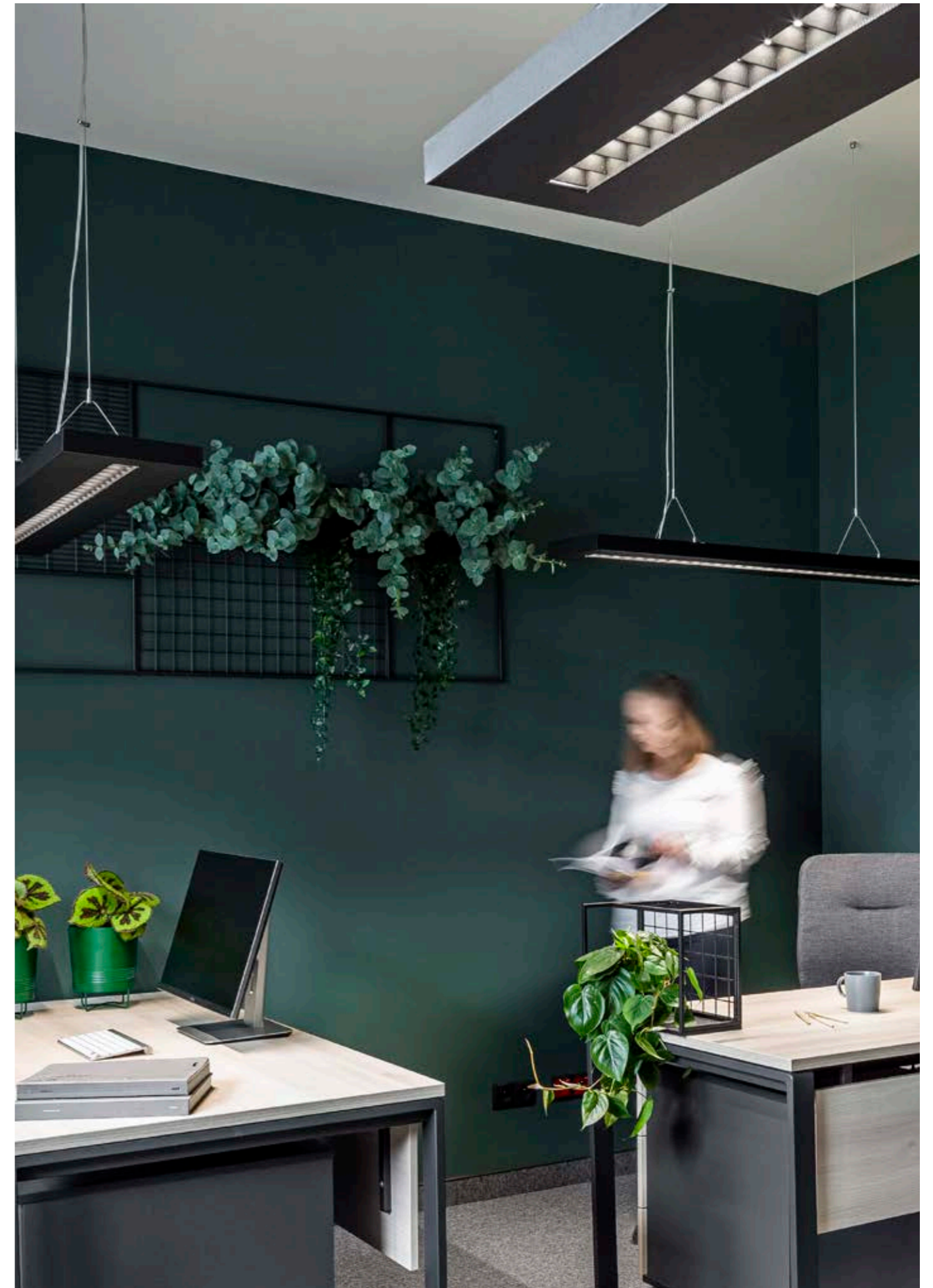
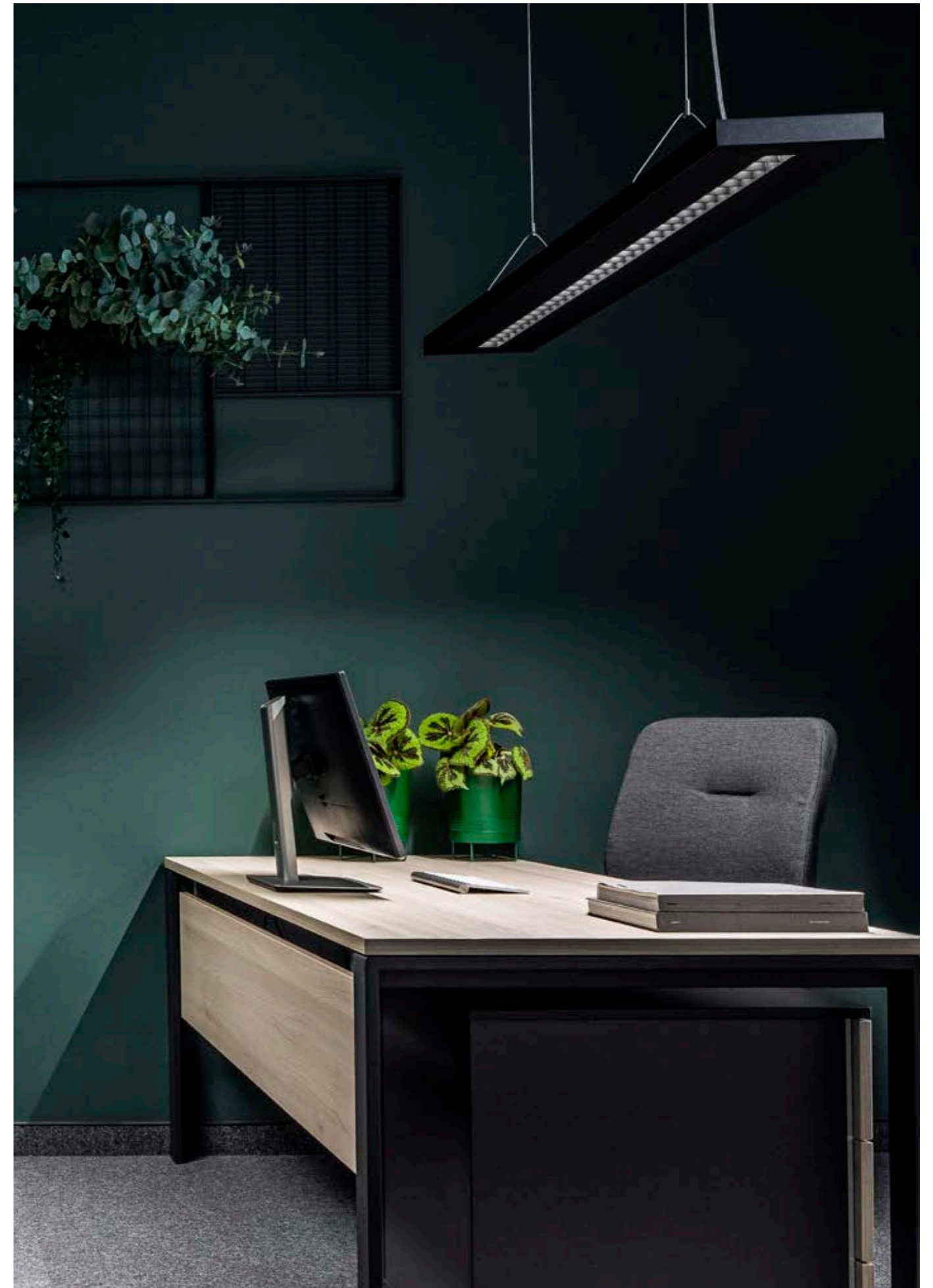Application of Terra 2 LED in Lena Lighting S.A. offices.
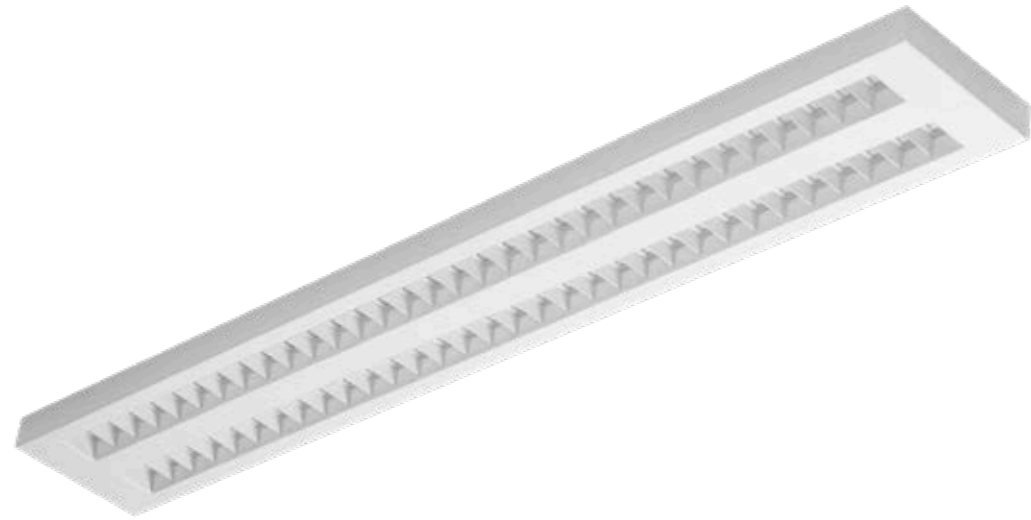
Terra 2 LED Long Asymmetric

max.
116 lm/W   IP20 ||

Light source:	LED module		**Material of the body:**	powder coated steel
Nominal power range [W]:	20 - 72		**Colour of the body:**	black & white
Luminous flux range [lm]:	4200		**Diffuser material:**	n/d
Colour temperature [K]:	4000		**Diffuser type:**	n/d
Mounting version:	surface		**Dimensions A/B/C [mm]:**	1160/120/36

Features:

- Solid and economical
- High ingress protection
- Glare-reducing louvre luminaires
- High uniformity of light SDCM ≤3
- Multitude of versions available in different sizes, colours and power and mounting options

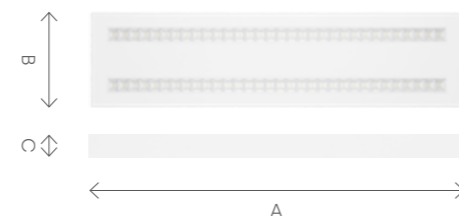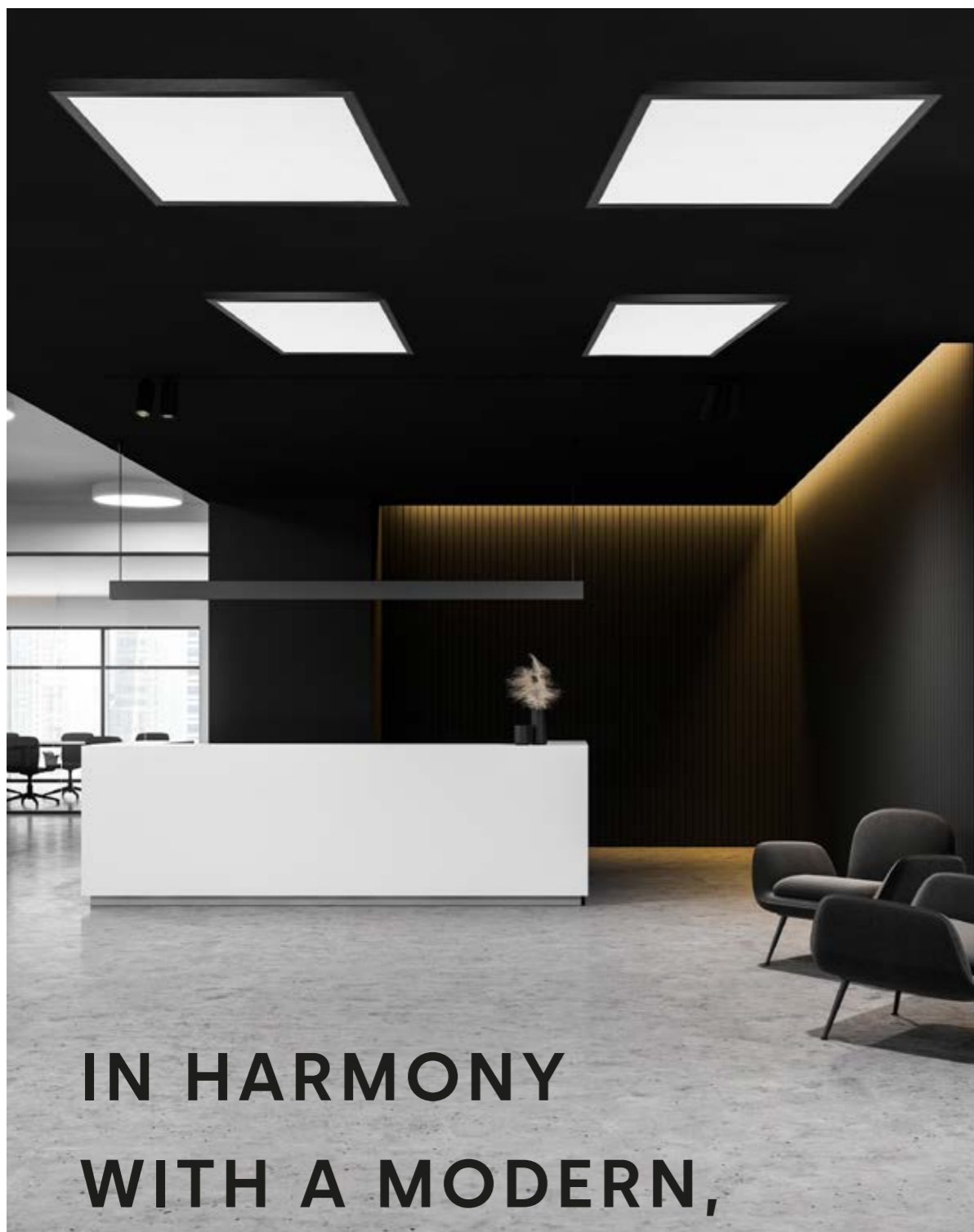Application of Terra 2 LED in Lena Lighting S.A. offices.

IN HARMONY
WITH A MODERN,
PURISTIC DESIGN

The type of lighting and its area of application requires appropriate selection of parameters in the design process. When designing two seemingly different lamps with different lighting parameters and different functionalities, we had in mind their combined use in different rooms of the same building.

One family – various parameters and dedicated applications.

Quick mounting system & excellent parameters

SQ 600 LED is a modern line of ceiling luminaires designed from scratch, recommended particularly for office spaces, spacious corridors and public utility areas. A special lens system ensures uniform lighting and even illumination of the diffuser surface. The PRM diffuser allows for reducing the glare effect. The great advantage of SQ 600 LED is its easy mounting and service. Due to the low weight and the diffuser's click-in system, the mounting of the luminaire is quick, efficient and tool-free.

SQ 300 LED is a new line of square bulkhead luminaires, which can be used in smaller rooms and in corridors. The plastic body ensures low weight and high impact resistance (IK08). The diffuser made of PS polystyrene provides excellent lighting properties. A special lens system ensures uniform lighting and even illumination of the diffuser surface. The SQ 300 LED luminaire is available in versions with the RCR motion sensor and DIMM DALI control.

SQ 300/600 family

SQ 600 LED

max.
151 lm/W   IP44/IP20   IP20 |

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	18 - 73	Colour of the body:	white, black mat
Luminous flux range [lm]:	2650 - 10900	Diffuser material:	PS
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL, PRM
Mounting version:	surface, recessed	Dimensions A/B/C [mm]:	592/592/44

Features:

- Low weight
- Fast, simple mounting
- Versatility (surface-mounted version with the possibility of recessed mounting in modular ceilings)
- Glare-reducing louvre luminaires
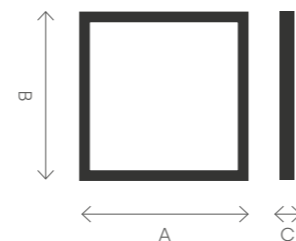
SQ 300 LED Plus

max.
96 lm/W   IP54   IK08 |

—— Available budget version VD with sequential driver

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	24, 25	Colour of the body:	white, black
Luminous flux range [lm]:	2100 - 2800	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL
Mounting version:	surface	Dimensions A/B/C [mm]:	300/300/58

Features:

- Low weight
- Fast, simple mounting
- High impact resistance
- Very high ingress protection
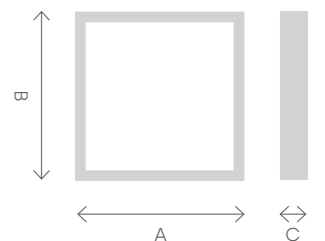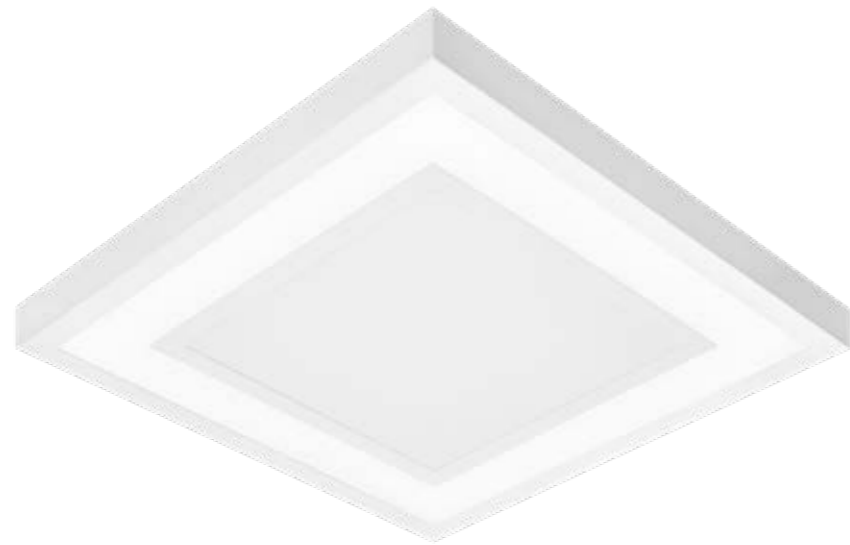
Arto 2 LED

max. 110 lm/W   IP20 |

Light source:	LED module	Material of the body:	powder coated steel
Nominal power range [W]:	21 - 53	Colour of the body:	white
Luminous flux range [lm]:	2070 - 5270	Diffuser material:	PS
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL
Mounting version:	surface, recessed	Dimensions A/B/C [mm]:	592/592/45

Features:

- Unique design
- Interesting lighting effect
- Solid steel body
- Universal shape of case for modular ceilings and surface montage
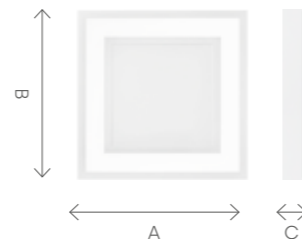
Indo PLX LED Evo

max. 100 lm/W   IP20   IK07 |

—— Available standard version and version with perforated diffuser

Light source:	LED module	Material of the body:	powder coated steel
Nominal power range [W]:	34	Colour of the body:	white
Luminous flux range [lm]:	3450, 3700	Diffuser material:	PMMA
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL
Mounting version:	recessed	Dimensions A/B/C [mm]:	595/595/106

Features:

- Unconventional design
- Solid steel powder-coated body
- Comfortable indirect light
- Creates a relaxing atmosphere
- No glare effect
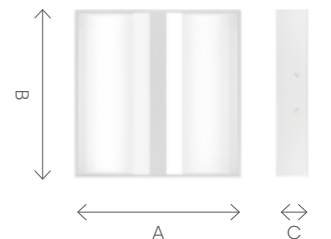
Plano LED Evo

max. 110 lm/W   IP40/IP20   IK07 |

—— Available standard version and version with perforated diffuser

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	30 - 54	**Colour of the body:**	white
Luminous flux range [lm]:	3000 - 5700	**Diffuser material:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM, PMMA
Mounting version:	recessed, surface	**Dimensions A/B/C [mm]:**	595/595/9, 620/620/9, 1195/295/9

Features:

• Elegant, simple design
• Low slim profile
• Low weight
• Rectangular and square versions
• UGR<19 versions
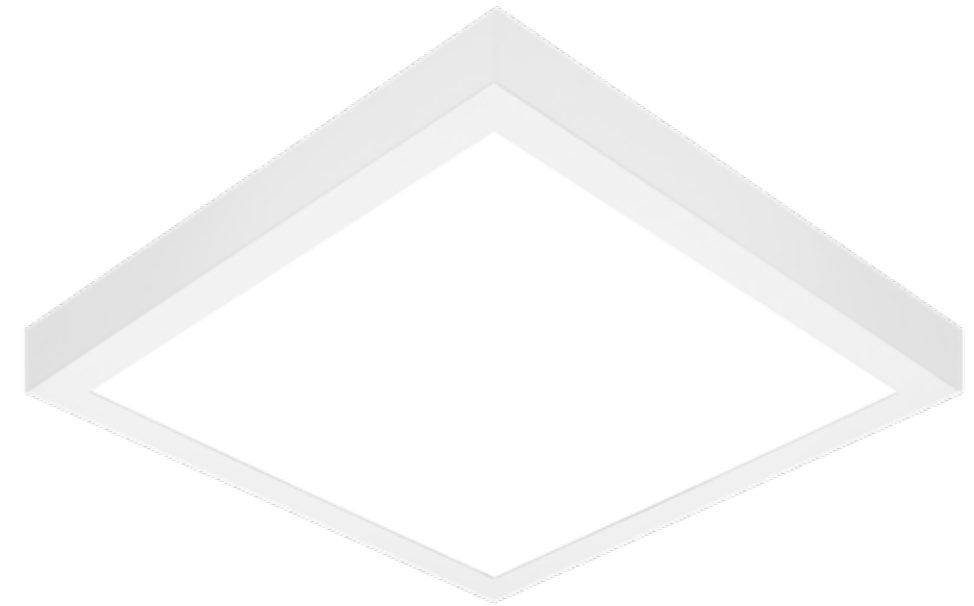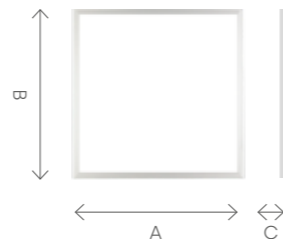
Madera 3 LED

max. 123 lm/W   IP44   IK07 |

Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	15 - 41	**Colour of the body:**	grey, white, black
Luminous flux range [lm]:	1800 - 5200	**Diffuser material:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	PRM, OPAL
Mounting version:	surface	**Dimensions A/B/C [mm]:**	1170, 310, 480, 620/350, 310, 620, 480, 350/68

Features:

• Minimalist design
• Comfortable soft light and low glare
• Available in several colours
• Multitude of versions available in different sizes & colours
• High uniformity of light SDCM ≤3
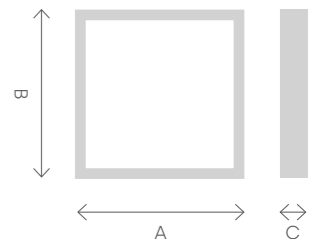
Compact LED Evo

—— Dostępna wersja „Solid" ze stalową obudową

max. 142 lm/W   IP65/IP20   IK07   I, II

Light source:	LED module
Nominal power range [W]:	24 - 60
Luminous flux range [lm]:	2750 - 8100
Colour temperature [K]:	3000, 4000
Mounting version:	recessed

Material of the body:	ABS
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	OPAL, PRM
Dimensions A/B/C [mm]:	620/620/66-69

Features:

- Compact, classic design
- Lightweight and robust ABS body
- Diffuser: OPAL (soft light), PRM (low glare)
- Large family of products
- Low weight
- High luminous efficiency
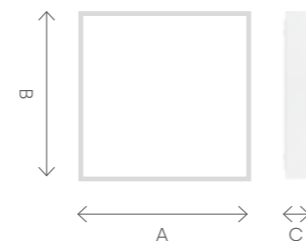
Compact LED Evo IP65

max. 142 lm/W   IP65   IK07   I, II

Light source:	LED module
Nominal power range [W]:	24 - 60
Luminous flux range [lm]:	2750 - 8100
Colour temperature [K]:	3000, 4000
Mounting version:	surface

Material of the body:	ABS
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	OPAL, PRM
Dimensions A/B/C [mm]:	620/620/66

Features:

- Compact, classic design
- Lightweight and robust ABS body
- Diffuser: OPAL (soft light), PRM (low glare)
- Large family of products
- High uniformity of light SDCM ≤3
- Low weight
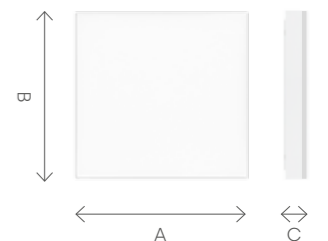
Compact LED Evo 1200 IP65

max.
117 lm/W   IP65   IK07   I

Light source:	LED module
Nominal power range [W]:	25 - 58
Luminous flux range [lm]:	2900 - 7000
Colour temperature [K]:	3000, 4000
Mounting version:	surface, recessed

Material of the body:	ABS
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	OPAL
Dimensions A/B/C [mm]:	1195/250/69

Features:

- Low weight
- Classic design
- High impact resistance
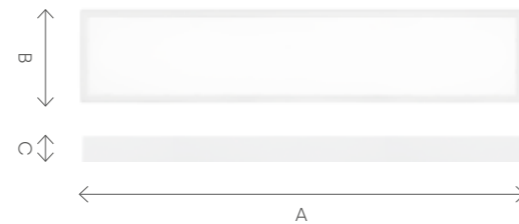
Compact LED Evo 1200

max.
131 lm/W   IP65/IP20   IK07   I, II

Light source:	LED module
Nominal power range [W]:	25 - 58
Luminous flux range [lm]:	2900 - 7000
Colour temperature [K]:	3000, 4000
Mounting version:	surface, recessed in modular ceiling

Material of the body:	ABS
Colour of the body:	white
Diffuser material:	PS, PC
Diffuser type:	OPAL, nPRM
Dimensions A/B/C [mm]:	1195/250/66-69

Features:

- Compact, classic design
- Lightweight and robust ABS body
- Diffuser: OPAL (soft light), PRM (low glare)
- Large family of products
- High uniformity of light SDCM ≤3
- Low weight
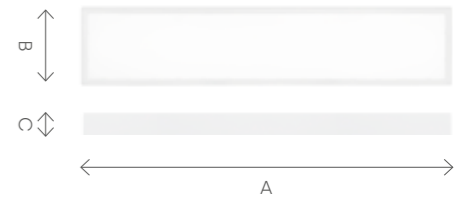
Tablo LED

max.
130 lm/W   IP20 |

Light source:	LED module	Material of the body:	powder coated steel
Nominal power range [W]:	35 - 70	Colour of the body:	white
Luminous flux range [lm]:	4300 - 10050	Diffuser material:	n/d
Colour temperature [K]:	3000, 4000	Diffuser type:	n/d
Mounting version:	suspended, surface	Dimensions A/B/C [mm]:	1435/85/60

Features:

- Asymmetrical light distribution
- Robust metal body
- Uniform illumination of objects without light reflections
- Dedicated mostly for schools, universities, museums and art galleries.

Labo LED

max.
81 lm/W   IP65   IK07 |,||

Light source:	LED module	Material of the body:	powder coated steel
Nominal power range [W]:	32, 48	Colour of the body:	white
Luminous flux range [lm]:	2850 - 4400	Diffuser material:	PC
Colour temperature [K]:	4000	Diffuser type:	OPAL, transparent
Mounting version:	suspended, surface	Dimensions A/B/C [mm]:	595/595/50, 595/595/70

Features:

- Meets high requirements
- Solid steel powder-coated body
- Very high ingress protection
- Optics: HE (limited glare) or OPAL (soft light) reflector
- Option: Ra>90
- Shatterproof diffuser
- Glare-reducing louvre luminaire
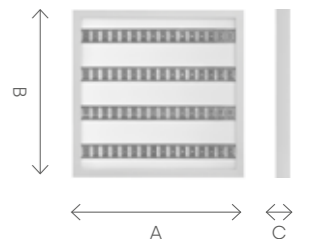
BECAUSE LESS IS MORE MEET SQUARE AND ROUND

RQ 100/160/200 and SQ 160/100 are energy-saving downlight luminaires with excellent lighting parameters. Modern design, small dimensions and low weight allow them to be used and create comfortable atmosphere in any office space, in representative and spacious corridors, as well as in small rooms

One family - two versions of mounting: surface and recessed.

The classic shape and compact size
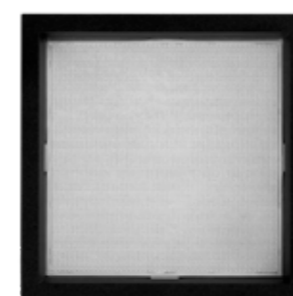
RQ 100/160/200 and SQ 160/100 are a new line energy-saving downlight luminaires, introducing modern solutions that ensure excellent lighting parameters. Their Polish origin is a guarantee of quality.

The classic shape and compact size allow it to be used in various types of rooms, with different purpose and level of representativeness. Downlight luminaires are available in three variants: with a matt, prismatic and opal diffuser. It allows for choosing the appropriate light distribution angle, and thus for obtaining the appropriate amount of light on a given surface.

Modern design, small dimensions and low weight allow them to be used and create comfortable atmosphere in any office space, in representative and spacious corridors, as well as in small rooms.
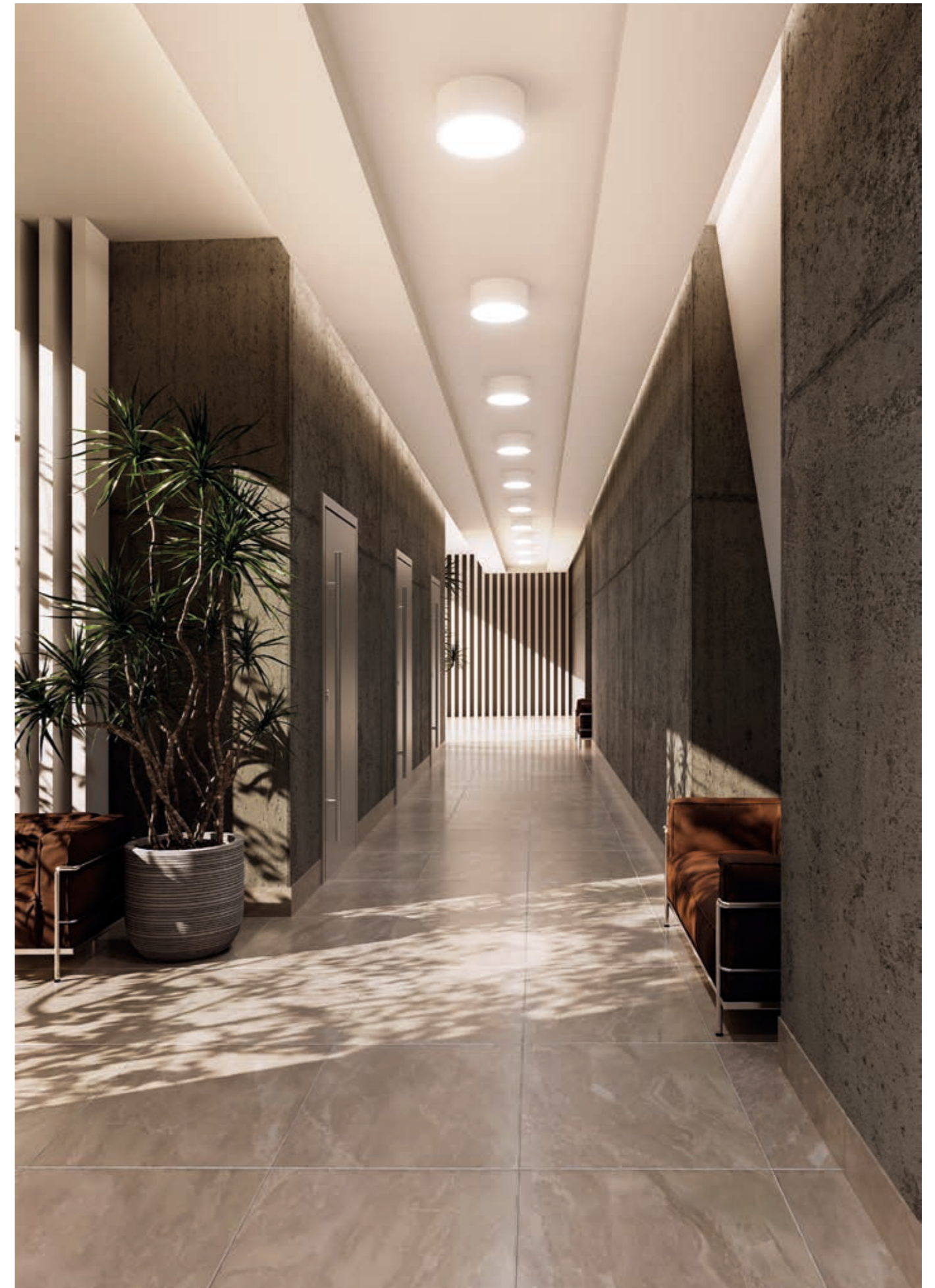
SQ, RQ 100/160/200 family
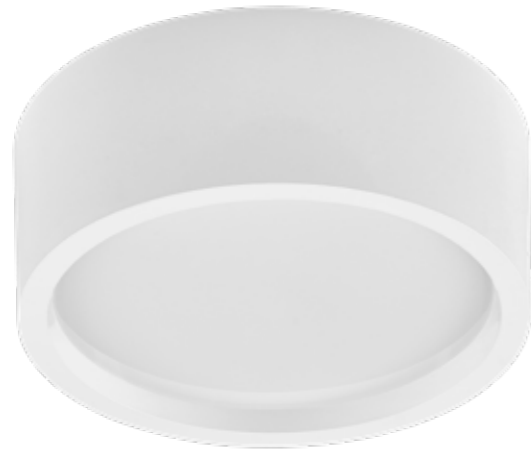
RQ 200 LED

max.
138 lm/W   IP65/IP20   IK07 |

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	17, 19, 22, 24	**Colour of the body:**	white
Luminous flux range [lm]:	1800 - 3300	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	MAT, PRM
Mounting version:	surface, recessed	**Dimensions A/B [mm]:**	ø221/51, ø227/86

Features:

- Low weight
- Homogeneous body (without additional surface-mounted boxes)
- Polish product
- 2 types of diffuser with different optics

A   B

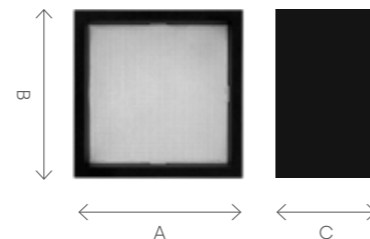Application of RQ 200 LED in hall office.

SQ 160 LED Plus

max. 117 lm/W   IP33   IK08   I, II

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	17	Colour of the body:	white, black mat
Luminous flux range [lm]:	1700 - 2200	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	MAT, PRM, OPAL
Mounting version:	surface	Dimensions A/B/C [mm]:	162/162/86

Features:

- Low weight
- 3 types of diffuser with different optics
- Polish product
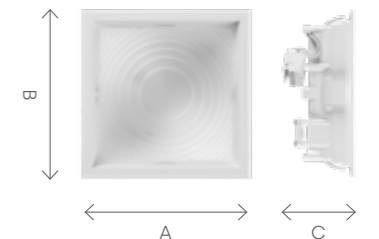- Homogeneous body (without additional surface-mounted boxes)

SQ 160 LED Plus

max. 132 lm/W   IP44/IP20   IK08   I, II

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	17, 21	Colour of the body:	white
Luminous flux range [lm]:	1700 - 2900	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	MAT, PRM, OPAL
Mounting version:	recessed	Dimensions A/B/C [mm]:	158/158/78

Features:

- Low weight
- Clip for ergonomic assembly
- Polish product
- Increased ingress protection
- 3 types of diffuser with different optics

RQ 160 LED Plus

max. 117 lm/W   IP33   IK08   ‖

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	17	Colour of the body:	white
Luminous flux range [lm]:	1700 - 2200	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	MAT, PRM, OPAL
Mounting version:	surface	Dimensions A/B [mm]:	ø166/86

Features:

- Low weight
- Homogeneous body (without additional surface-mounted boxes)
- Polish product
- 3 types of diffuser with different optics

A   B

RQ 160 LED Plus

max. 95 lm/W   IP44/20   IK10 |

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	17, 21	Colour of the body:	white
Luminous flux range [lm]:	1700 - 2900	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	MAT, PRM, OPAL
Mounting version:	recessed	Dimensions A/B [mm]:	ø162/70

Features:

- Low weight
- Clip for ergonomic assembly
- Polish product
- 3 types of diffuser with different optics

A   B
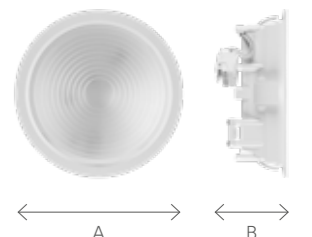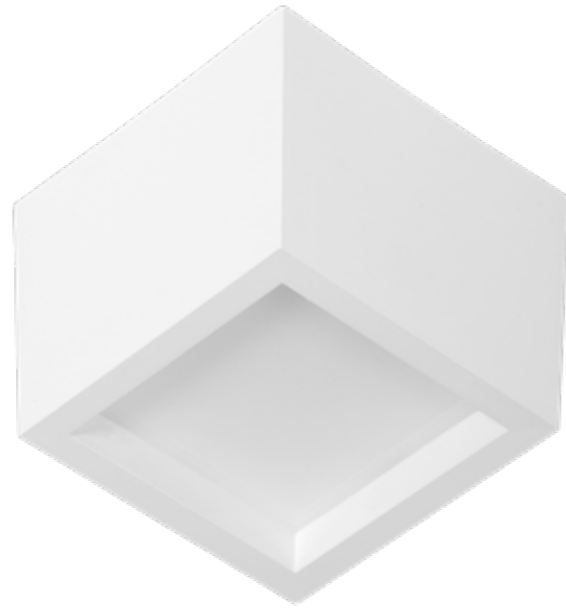
SQ 100 LED Plus

max.
102 lm/W   IP33   IK08   II

Light source:	LED module
Nominal power range [W]:	6
Luminous flux range [lm]:	590, 630
Colour temperature [K]:	3000, 4000
Mounting version:	surface

Material of the body:	ABS
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	MAT
Dimensions A/B/C [mm]:	108/108/85

Features:

- Low weight
- Homogeneous body (without additional surface-mounted boxes)
- Polish product
- Compact, classic design

SQ 100 LED Plus

max.
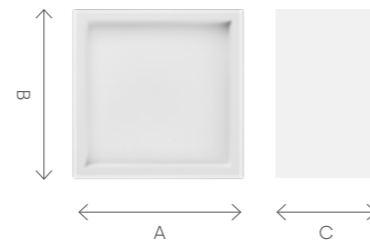102 lm/W   IP44/IP20   IK08   II

Light source:	LED module
Nominal power range [W]:	6
Luminous flux range [lm]:	590, 630
Colour temperature [K]:	3000, 4000
Mounting version:	recessed

Material of the body:	ABS
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	MAT
Dimensions A/B/C [mm]:	102/102/75

Features:

- Low weight
- Clip for ergonomic assembly
- Polish product
- Increased ingress protection
- Compact, classic design
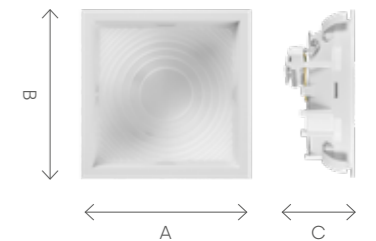
RQ 100 LED Plus

max.
102 lm/W   IP44/IP20   IK08 ||

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	6	**Colour of the body:**	white
Luminous flux range [lm]:	590, 630	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	MAT
Mounting version:	recessed	**Dimensions A/B [mm]:**	ø102/75

Features:

- Low weight
- Clip for ergonomic assembly
- Polish product
- 3 types of diffuser with different optics
- Compact, classic design

A ←→   B ←→
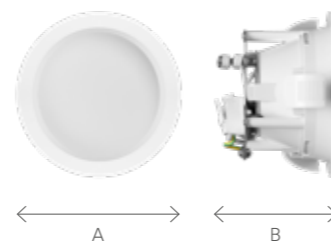
Application of RQ 160 LED in corridor.

Swing LED Evo

max. 127 lm/W   IP40/IP20 |

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	8 - 29	Colour of the body:	white
Luminous flux range [lm]:	850 - 3000	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	PRM
Mounting version:	recessed	Dimensions A/B [mm]:	ø178/163

Features:

- Unconventional design
- Modern, elegant design
- Frameless design
- Wide range of light distibution: 65°, 25°, 59°/92°
- Light vertical adjustment up to 30°
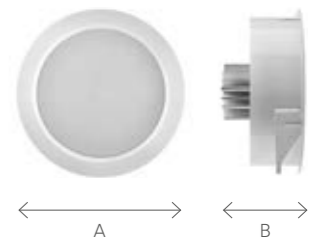- Light horizontal adjustment up to 355°

A   B
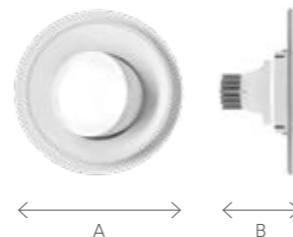
DL 220 LED Evo

max. 130 lm/W   IP65/IP40   IK08 |,||

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	10 - 28	Colour of the body:	white
Luminous flux range [lm]:	1350 - 3450	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	PRM MAT, PRM
Mounting version:	recessed	Dimensions A/B [mm]:	Ø220/68

Features:

- High luminous efficiency
- Very high ingress protection
- Prismatic or matt-prismatic diffuser
- Easy assembly
- High impact resistance
- Low weight

A   B

DLN 220 LED Evo

max. 122 lm/W   IP65   IK08   I

Light source:	LED module
Nominal power range [W]:	10 - 28
Luminous flux range [lm]:	1450 - 3450
Colour temperature [K]:	3000, 4000
Mounting version:	surface

Material of the body:	powder coated steel + ABS
Colour of the body:	grey, black
Diffuser material:	PC
Diffuser type:	PRM MAT, PRM
Dimensions A/B [mm]:	ø220/140

Features:

• Robust metal body
• High impact resistance
• Very high ingress protection
• Polish product

A   B
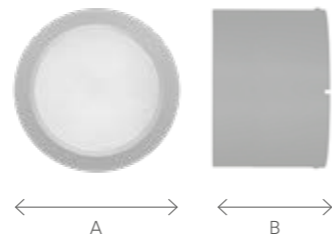
Nectra LED Plus

max. 126 lm/W   IP44   IK08   I, II

Light source:	LED module
Nominal power range [W]:	5 - 25
Luminous flux range [lm]:	500 - 3450
Colour temperature [K]:	3000, 4000
Mounting version:	recessed

Material of the body:	PC, aluminium
Colour of the body:	white, black
Diffuser material:	PMMA
Diffuser type:	OPAL
Dimensions A/B [mm]:	ø121/67, ø170/69, ø222/70

Features:

• Increased ingress protection
• Easy assembly
• Low weight
• Branded components with external power supply
• Large modification possibilities to adapt to the needs

A   B
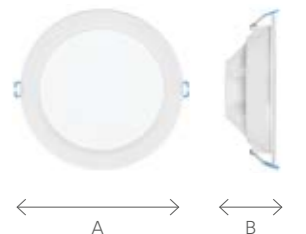
New definition
of standard bulkhead

Dione LED it is a product that meets the highest standards possible – impeccable aesthetics, excellent lighting parameters, subtle profile, solid and durable materials, very high tightness. Plus a number of innovative functional solutions enabling much faster mounting. These are the aspects that give Dione LED a competitive advantage.

This lamp also comes in a version with asymmetrical distribution. Dione Plus LED Asymmetric will prove great in places where it is important to partly illuminate the surface, e.g. passageways, stairs, setbacks, other environmental details, whose visibility is important for the purpose of safety or design.

Asymmetrical distribution allows to illuminate a given area. In addition, it offers unlimited possibilities to create room ambience, while maintaining perfect lighting parameters.
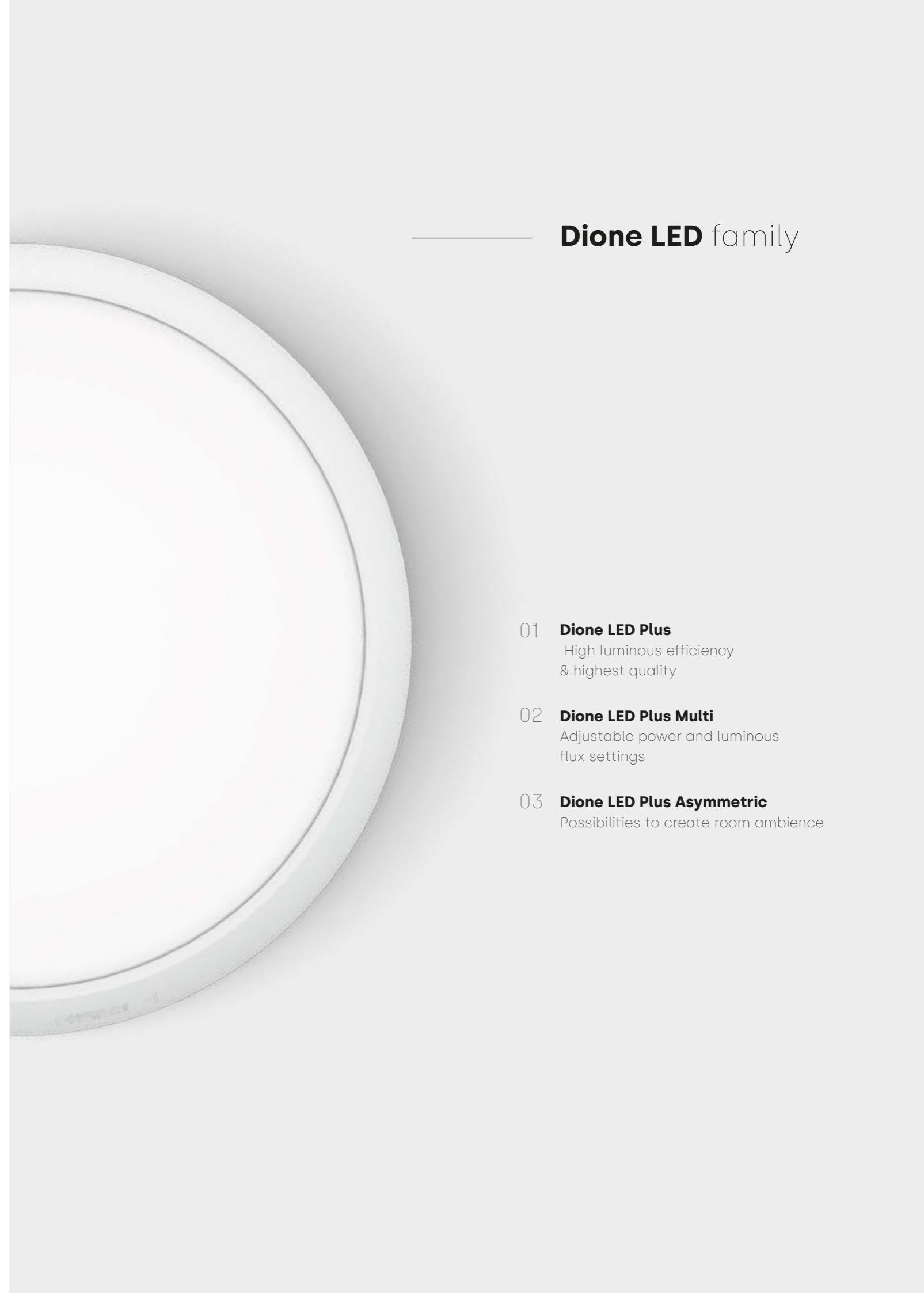
IP**65**
Ingress protecion class

IK**10**
Impact protecion class

Dione LED family

01 **Dione LED Plus**
High luminous efficiency
& highest quality

02 **Dione LED Plus Multi**
Adjustable power and luminous
flux settings

03 **Dione LED Plus Asymmetric**
Possibilities to create room ambience

Quick mounting thanks to the functional construction and diffuser suspension system

Dione LED family

Integrated LED panel

The solution ensures safety of the lighting module, eliminating the exposure of LEDs to their accidental damage.

Quick connector

Facilitates the assembly process, no additional tools are needed. Durable hinge allows to hang the diffuser with the LED module.

71%

Faster mounting of Dione
compared to a traditional bulkhead

The Dione line of luminaires incorporates the combination of high-quality components and guarantees compliance with all electrical and lighting standards. It is characterised by a high luminous flux, which enables installing a relatively smaller number of luminaires in a room, ensuring the required proper level of lighting.

And the installation and service process itself is fast and efficient thanks to numerous improvements. This is made possible, among other things, by features such as the diffuser suspension system, the quick-connect coupling and the „click in" system for clicking on the diffuser.

This allows the investor to save money during the investment – when purchasing the luminaires and during their use. Dione LED is a new generation luminaire.

High quality driver

Regardless of the product line, the drivers used are characterised by the highest quality and technical parameters.

Easy access to the connector

It helps connect the luminaire with basic tools. Smart locations of cable lead-ins.
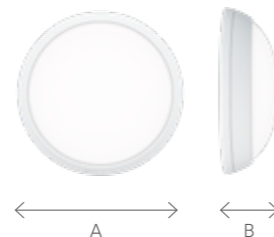
Dione LED Plus

max. 106 lm/W   IP65   IK10   I,II

—— Dostępne wersja standard i z zabezpieczeniem antywandalnym

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	13 - 30	Colour of the body:	white
Luminous flux range [lm]:	1350 - 3700	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL
Mounting version:	surface	Dimensions A/B [mm]:	ø340/115

Features:

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

A   B

Dione LED Plus Multi

max. 107 lm/W   IP65   IK10   I

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	15 - 26	Colour of the body:	white
Luminous flux range [lm]:	1650 - 2650	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL
Mounting version:	surface	Dimensions A/B [mm]:	ø340/115

Features:

- Highest impact resistance
- Very high ingress protection
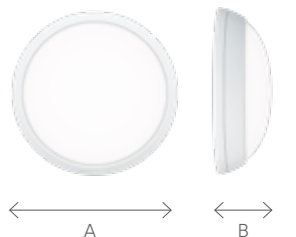- High luminous efficiency
- Branded components
- Power and luminous flux can be adjusted
- Save stock space

A   B

Dione LED Plus Asymmetric

——— Available multi version with adjustable power and flux settings

max.
105 lm/W   IP65   IK10 |

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	21, 32	Colour of the body:	white
Luminous flux range [lm]:	2150 - 3200	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL
Mounting version:	surface,	Dimensions A/B [mm]:	ø340/115

Features:

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

A   B
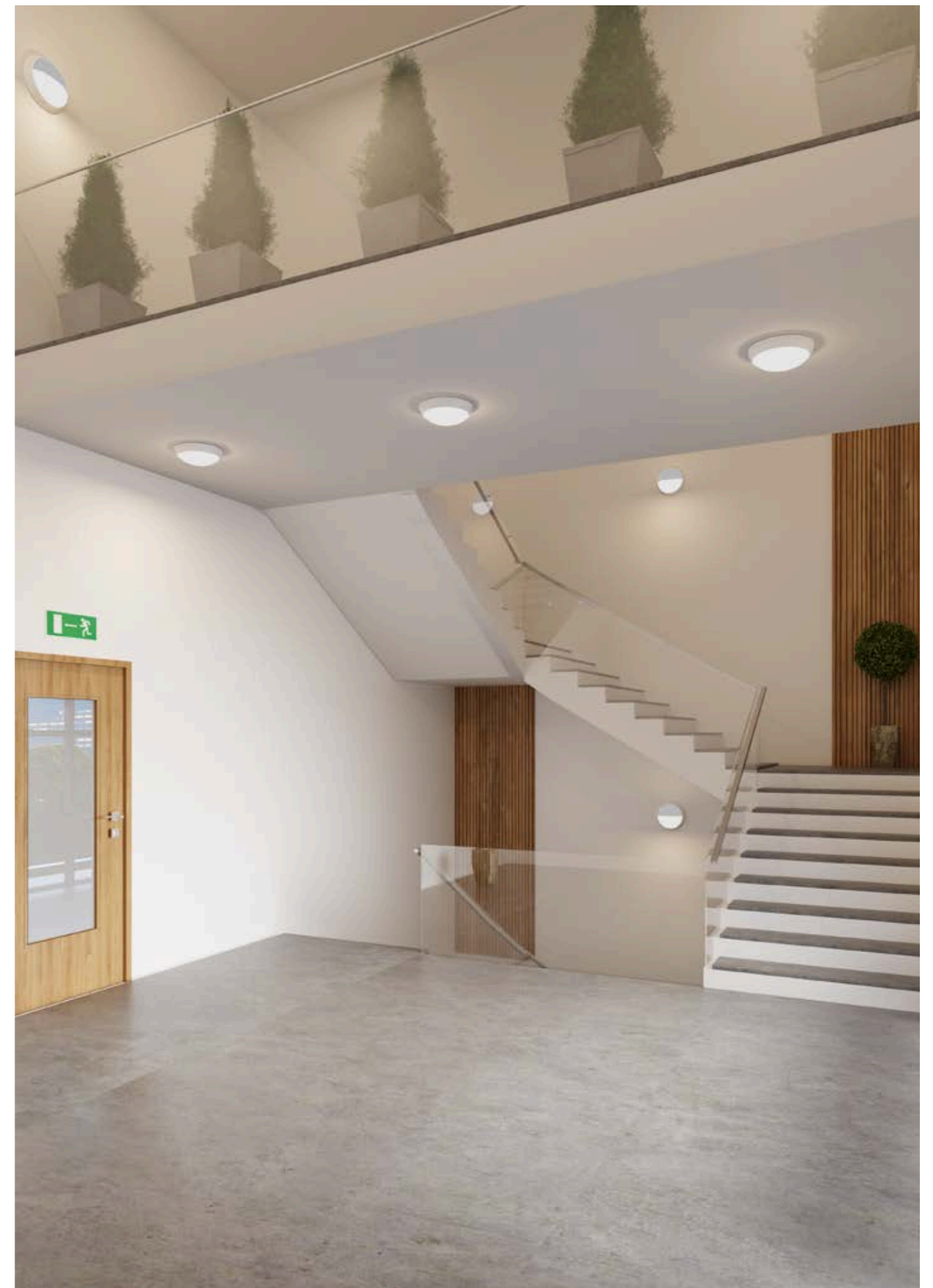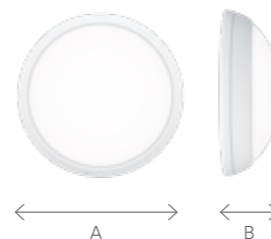
Application of Dione LED family in office corridor.

Discover dozens of possibilities with smart lamps IoT ready.

You decide what you need

Thanks to the possibility of controlling it, equipping its luminaires with devices which are components of other systems as well as a very wide range of design, this luminaire provides unlimited options for designers and architects. Capella LED is an ideal choice even for the most demanding and representative investments.

Designers of the Capella LED lamp predicted solutions which are currently not available on the market and which are at the stage of designing. The design allows you to integrate it with the drivers of various suppliers and adjust them to future technological solutions.

The multitude of versions and functionalities of this lamp implies a variety of applications—from passageways, lobbies, public spaces, through restaurants, reception areas, hotels, gyms, offices, sales points, apartments, to residences.

GUESS WHAT ELSE CAN A LAMP DO FOR YOU?

Capella LED is an ideal choice even for the most demanding and representative investments. Design engineers from the Lena Lighting Development Department have created a lamp which can perform the most sophisticated functions. The design allows you to integrate it with the drivers of various suppliers and adjust them to future technological solutions.

Capella LED family

Capella LED Plus

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

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	11 - 26	**Colour of the body:**	white, red, black mat
Luminous flux range [lm]:	950 - 2450	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	suspended	**Dimensions A/B [mm]:**	ø320/177

Features:

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

A   B

Application of Capella LED in restaurant.

98

Capella LED Plus

—— Available budget version Capella LED

max.
105 lm/W   IP65/IP54   IK07/IK06 ||

Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	11 - 26	Colour of the body:	white
Luminous flux range [lm]:	950 - 2450	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL
Mounting version:	surface	Dimensions A/B [mm]:	ø320/105, ø340/105

Features:

- Impact resistance up to IK07
- Very high ingress protection
- High aesthetic value
- Branded components

A ⟷   B ⟷
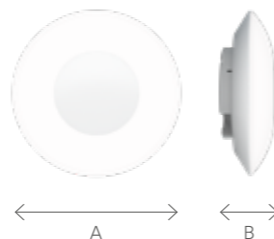
Application of Capella LED in restaurant.

Capella LED Plus IoT

max. 94 lm/W   IP54   IK07/IK06   ‖

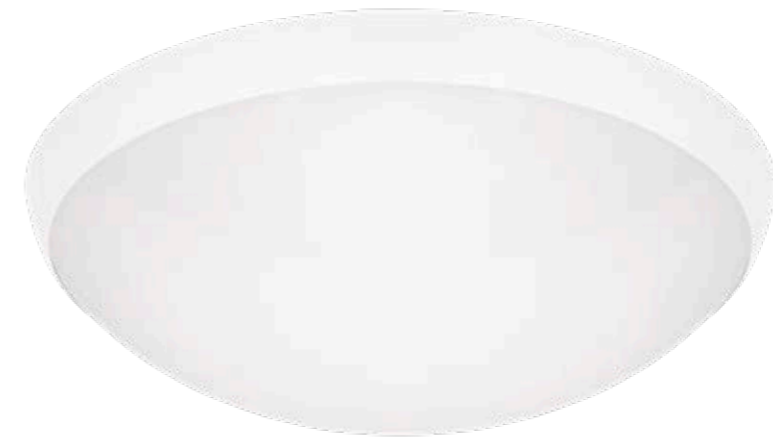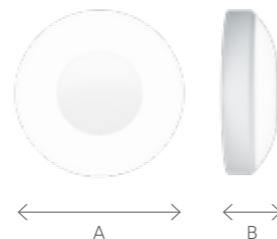|			
Light source:	LED module	Material of the body:	ABS
Nominal power range [W]:	11 - 26	Colour of the body:	white
Luminous flux range [lm]:	950 - 2450	Diffuser material:	PC
Colour temperature [K]:	3000, 4000	Diffuser type:	OPAL
Mounting version:	surface	Dimensions A/B [mm]:	ø320/105, ø340/105

Features:

• Impact resistance up to IK07
• Very high ingress protection
• High aesthetic value
• Adapted for integration with additional IoT controllers

Camea LED Evo 2

max. 90 lm/W   IP44   IK10   ‖

—— Available version Camea LED LC

Light source:	LED module	Material of the body:	PP
Nominal power range [W]:	18	Colour of the body:	white, ring: silver, satin, gold colour
Luminous flux range [lm]:	1700	Diffuser material:	PC
Colour temperature [K]:	4000	Diffuser type:	OPAL
Mounting version:	surface	Dimensions A/B [mm]:	ø300/90

Features:

• Classic of the genre
• High ingress protection
• Easy assembly
• Ring in several colors
• Good value for money
• High impact resistance
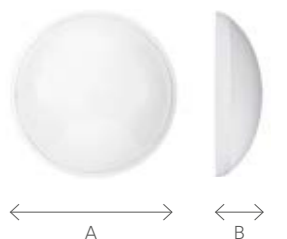
Phobos LED

max. 122 lm/W   IP20   IK08 |

Light source:	LED module
Nominal power range [W]:	28 - 60
Luminous flux range [lm]:	3250 - 7400
Colour temperature [K]:	3000, 4000
Mounting version:	surface

Material of the body:	powder coated steel
Colour of the body:	white
Diffuser material:	PMMA, PS
Diffuser type:	OPAL,
Dimensions A/B [mm]:	ø500/110

Features:

- Eye-catching
- High luminous efficiency
- Easy assembly
- Large diameter of the diffuser
- Uniform light distribution
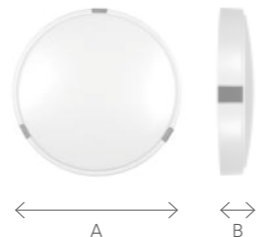
A   B

Deimos LED Plus

—— Available budget version VD with sequential driver

max. 115 lm/W   IP40   IK02 |

Light source:	LED module
Nominal power range [W]:	12 - 26
Luminous flux range [lm]:	1400 - 3100
Colour temperature [K]:	3000, 4000
Mounting version:	surface

Material of the body:	HIPS
Colour of the body:	white, black
Diffuser material:	PMMA
Diffuser type:	OPAL
Dimensions A/B [mm]:	ø400/100

Features:

- High luminous efficiency
- Uniform light distribution
- Large diameter of the diffuser
- Branded components

A   B
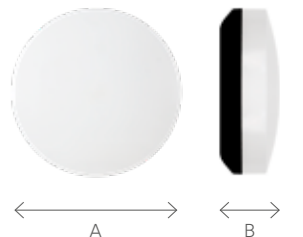
Gamma LED

max. 89 lm/W   IP54   IK10 ||

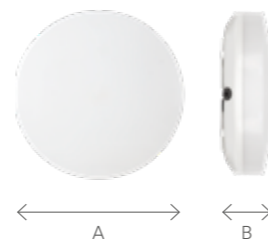|			
Light source:	LED module	Material of the body:	PP
Nominal power range [W]:	12, 14	Colour of the body:	white
Luminous flux range [lm]:	950, 1600	Diffuser material:	PC
Colour temperature [K]:	4000	Diffuser type:	OPAL
Mounting version:	surface	Dimensions A/B [mm]:	ø280/72

Features:

- Low weight
- Fast, simple mounting
- Highest impact resistance
- Very high ingress protection

Portal LED Basic

max. 73 lm/W   IP54   IK08 |

Light source:	LED module	Material of the body:	PP
Nominal power range [W]:	6	Colour of the body:	white
Luminous flux range [lm]:	440	Diffuser material:	PC
Colour temperature [K]:	4000	Diffuser type:	OPAL
Mounting version:	surface	Dimensions A/B/C [mm]:	280/185/55

Features

- Minimalism
- Durable construction
- Options: dusk sensor, motion detector
- Easy assembly
- High ingress protection
- High impact resistance
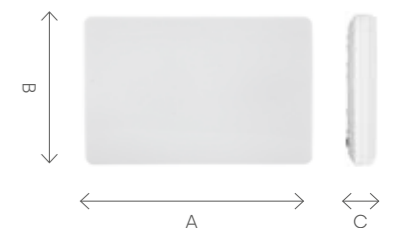
Square LED Basic

max. 89 lm/W   IP54   IK08 ||

Light source:	LED module
Nominal power range [W]:	13
Luminous flux range [lm]:	1490
Colour temperature [K]:	4000
Mounting version:	surface

Material of the body:	PC
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	OPAL
Dimensions A/B/C [mm]:	260/260/60

Features::

- Minimalism
- Durable construction
- Options: dusk sensor, motion detector
- Easy assembly
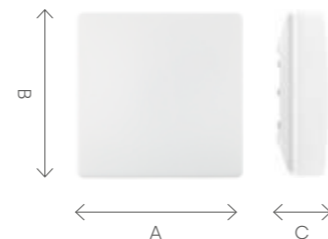- High ingress protection
- High impact resistance

Oval LED Basic

max. 82 lm/W   IP44   IK10 ||

Light source:	LED module
Nominal power range [W]:	3,4
Luminous flux range [lm]:	370
Colour temperature [K]:	4000
Mounting version:	surface

Material of the body:	PC, PP
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	OPAL
Dimensions A/B/C [mm]:	85/160/45

Features:

- Very durable construction
- Modern lenticular diffuser
- Easy assembly
- Duct luminaire
- High ingress protection
- Increased impact resistance
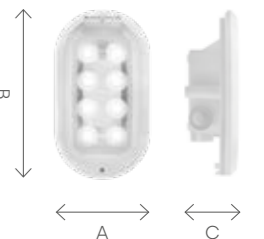
Intelligent light
management
system

■

CLUE iN

Properly adjusted light improves the comfort of life, efficiency and employees' safety, as well as the cognitive abilities of students. From work and education, through relaxation and fun.

System's scalability allows Clue In to be applied regardless of the size of the facility. It will prove perfect in one room, as well as in the entire building complex.

No need forroverhauls, cutting into walls or cabling. Easy access via application installed in your smartphone enables to see the world in a better light.

Clue In can be used in both open space office areas and in individual offices. It will prove perfect in conference rooms, passageways, reception areas, lobbies and social rooms.

See how it works:
lenalighting.com/cluein-en

Adapts light to current user's needs, while optimising the use of energy.

This is Clue In system

Human Centric Lighting

DALI / DALI 2

DALI (Digital Addressable Lighting Interface) is a fully digital communication protocol enabling communication between the installation's end components (luminaires) and the control system, regardless of the applied technological solutions. It allows to build complete lighting systems based on components from any manufacturer.

Internet of things - IoT

Uniquely identifiable items can directly or indirectly collect, process or exchange data via an electrical installation or intelligent KNX, or a computer network, or a dedicated DALI network. The system enables remote control via mobile devices and is compatible with existing BMS systems, such as KNX. It is also possible to control larger facilities/installations using an enhanced interface via the PC Platform. Thanks to this solution, it is possible to control the peripherals of building automation.

Corridor function

The basis for the operation of a dual-beam luminaire (equipped with the so-called corridor function) is the use of a two-circuit track or a dimmable driver in combination with a motion sensor. In both cases the luminaire works, for example, in a 10/100 system. When the luminaire is at rest, it constantly emits 10% of the nominal flux value, and when it detects movement, it smoothly switches into 100% mode. The corridor solution is especially useful in places, where constant minimal illumination of the monitored surface is required.

DIMM 1-10V control

Most LED luminaires can be equipped with a dimmable DIMM 1-10 V power supply. The wide possibilities offered by modern LED modules can be exploited to their full capacity, if the luminaires are connected to the 1-10V CONTROL analogue lighting control system. This solution allows you to control each individual luminaire or a group of luminaires and maximise savings without any adverse effects on LED modules' durability.

PIR - Passive infrared sensor

Directional, passive infrared sensor allowing precise control of lighting. Works in a specific area minimising the number of false alarms (excitations). The sensor allows to adjust illuminance (day-night identification), length of working time (switch off delay) and effective range of operation (distance from sensor and detection area). In addition, it allows you to indicate the monitored direction of detection. It allows to adjust the luminaire's operation mode to save up to 90% of the energy consumed.

Tunable white

Tunable White (Human Centric Lighting) is a technology that allows the user to control the colour (colour temperature) and luminous flux of a single or group of luminaires, reflecting the natural light whose colour and intensity changes over the day. The Human Centric Lighting system, which uses Tunable White luminaires, also allows luminaires to adapt to current needs and activities, regardless of the time of day. There are two types of LEDs in the luminaire and the DALI bus, prompted via the touch panel or application, controls the colour and luminous flux. Manual control is possible or scenes can be pre-set.

Radio motion sensor

Active microwave sensor invisible from the outside, allowing more efficient use of lighting – it reduces energy consumption and the corresponding costs of energy. It provides intelligent lighting control and allows you to maintain high luminaire tightness (installation inside the luminaire). Using the sensor does not affect the lifespan of the LED panels. The sensor allows to adjust illuminance (day-night identification), length of working time (switch off delay) and effective range of operation (detection field radius). It allows to adjust the luminaire's operation mode to save up to 90% of the energy consumed. RCR sensors are also available in the Bluetooth version and are used in corridor systems, offering smooth brightening after motion detection and the daylight harvest function. It is possible to purchase the sensor in a standalone version or as a component.

Lighting control system

It allows you to reduce energy consumption by using daylight and automatic switching the light off in the absence of people. The system includes three highly advanced miniature sensors linked to a controller using a set of predefined modes. The lighting control system uses the DALI protocol, developed with the purpose of simplicity of use and providing energy efficiency up to 75%. The light sensor works in the band of visible light (perceived by the human eye), automatically adjusting the level of artificial lighting to the intensity of daylight without causing any visual discomfort for the people remaining inside the room. The motion sensor precisely detects the movement of people. It works in conjunction with the delay function to ensure optimal lighting performance in offices.

Bactericidal and virucidal
lamps

reddot winner 2022

UV-C Sterilon Flow Premium

IP20

Standard and budget Mono version available

Light source:	UV-C ultraviolet tube	**Power cord [m]:**	3
Type of disinfection:	safe air disinfection	**Filters:**	dust filter
Maximum airflow [m3/h]:	200 for 144W, 160 for 72W	**Colour of the body:**	white/silver, black/gold
Maximum area of disinfection:	40 m² (120m³) for 144W 25 m² (75m³) for 72W	**Light source lifespan [H]:**	9000
Total power consumption [W]	155 for 144W, 85 for 72W	**Dimensions A/B/C [mm]:**	724/160/220 for 144W 724/160/160 for 72W

Features:

- Airflow control
- Great design
- High efficiency
- Multiple mounting options and accessories
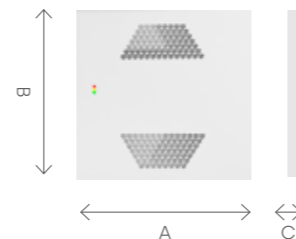

Application of UV-C Sterilon Flow Premium.
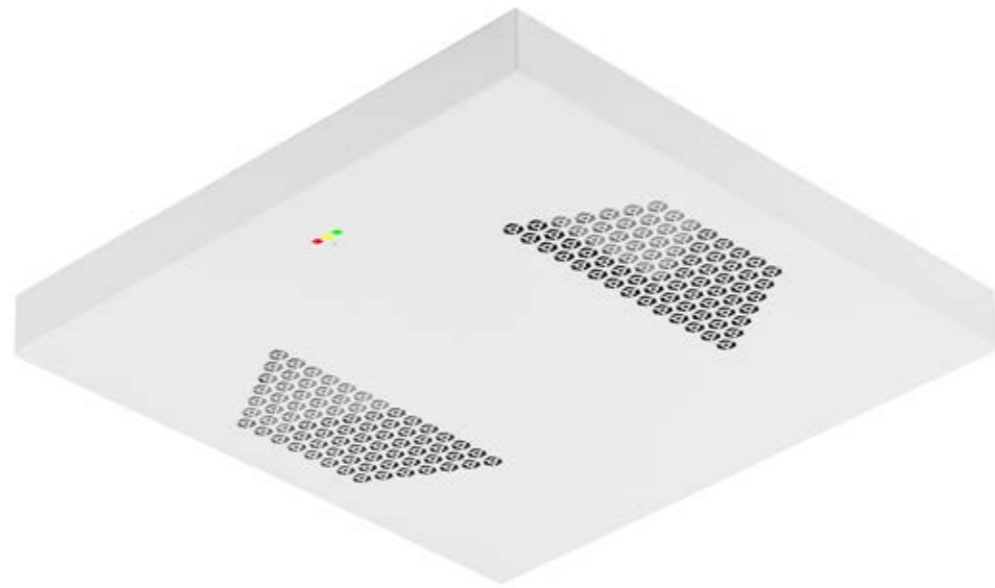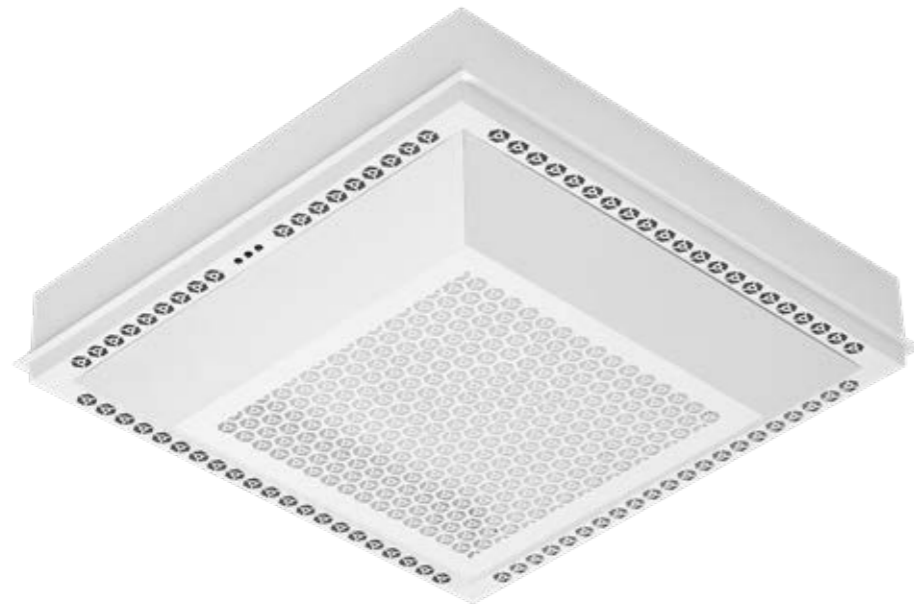
UV-C Sterilon Square PP

IP20

Light source:	UV-C ultraviolet tube		**Power cord [m]:**	n/a
Type of disinfection:	safe air disinfection		**Filters:**	dust filter
Maximum airflow [m3/h]:	120		**Colour of the body:**	white
Maximum area of disinfection:	30 m² (90 m³)		**Light source lifespan [H]:**	9000
Total power consumption [W]	72		**Dimensions A/B/C [mm]:**	595/595/70

Features:

- Safe & quiet
- Easy mounting
- Surface, suspended and recessed mounting
- The luminaire is equipped with time counter
  used for indicating the consumption of UV-C tubes

Application of UV-C Sterilon Square PP in school classrom.
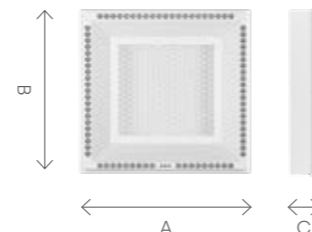
UV-C Sterilon Square Hepa

IP20 |

——— More advanced Hepa 2 version available

Light source:	UV-C ultraviolet tube	Power cord [m]:	n/a
Type of disinfection:	safe air disinfection	Filters:	dust filter, HEPA
Maximum airflow [m3/h]:	200m³	Colour of the body:	white
Maximum area of disinfection:	70m²	Light source lifespan [H]:	9000
Total power consumption [W]	178	Dimensions A/B/C [mm]:	595/595/158

Features:

- Highly efficient air disinfection
- Compact dimensions and easy installation
- Recessed mounting
- HEPA H13 filter and charcoal filter or F7 filter and charcoal filter
- Device equipped with an LED operating time counter for indicating consumption of the UV-C fluorescent lamps

UV-C Sterilon Max

IP20 |

Light source:	UV-C ultraviolet tube	Power cord [m]:	4
Type of disinfection:	safe air disinfection	Filters:	dust filter, HEPA H13, carbon
Maximum airflow [m3/h]:	1500m³	Colour of the body:	white-graphite, black
Max. noise level [db]:	~37	Light source lifespan [H]:	9000
Total power consumption [W]	288 W	Dimensions A/B/C [mm]:	1915/650/650

Features:

- Very high airflow
- Single dose of 90 J/m² to 100 J/m²
- For large spaces
- Safe for people and animals
- The possibility of printing graphics to the body

It really matters

We manufacture according to the highest environmental standards

ECO FRIENDLY

In recent years, we have continued and deepened our growing commitment to promoting an eco-friendly attitude towards business. 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.

We create **the light together**

LENA
LIGHTING™

LENA LIGHTING