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Interior lights – classic, timeless, functional

Light

TRS-STAR

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Interior lights – classic, timeless, functional

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Distributor of

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 32 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.

32+

Years of expierence

We constantly expand and modernize our production lines.

Środa Wielkopolska, Poland

Values

01 / 04

Passion and professionalism

Our company was born out of fascination with light. For 32 years of running our business, we have gained knowledge and competences, thanks to which we can design and manufacture even the most complex lighting systems

02 / 04

Inspiration and design

We make sure that our products are distinguished not only by the best parameters, but also by unique design. We believe that the space that surrounds us has a real impact on our well-being. We create our products having the above in mind.

03 / 04

Innovation and development

We offer technologically advanced solutions. We constantly invest in the development of our research centre and state-of-the-art production lines. We develop dynamically with the advancement of technology.

04 / 04

Sustainable development

We have placed environmental management at the heart of our business, implementing a system that minimises any negative impact on the natural environment. We are ISO 14001 certified.

Design perfectly
Create consistently
Offer comprehensively
Hit precisely

In the design of new luminaires our employs the latest technological achievements. We create luminaires based on electronic systems from renowned producers that enable considerable energy saving and improve the quality of illumination.

We use the latest generation of energy-efficient fluorescent lamps and light-emitting diodes as the sources of light. This translates into measurable economic and environmental benefits.

Our Research and Development Department specialists keep working on raising the quality standards. Our luminaires comply with the international certification standards that guarantee high efficiency, long life of the product and energy saving.

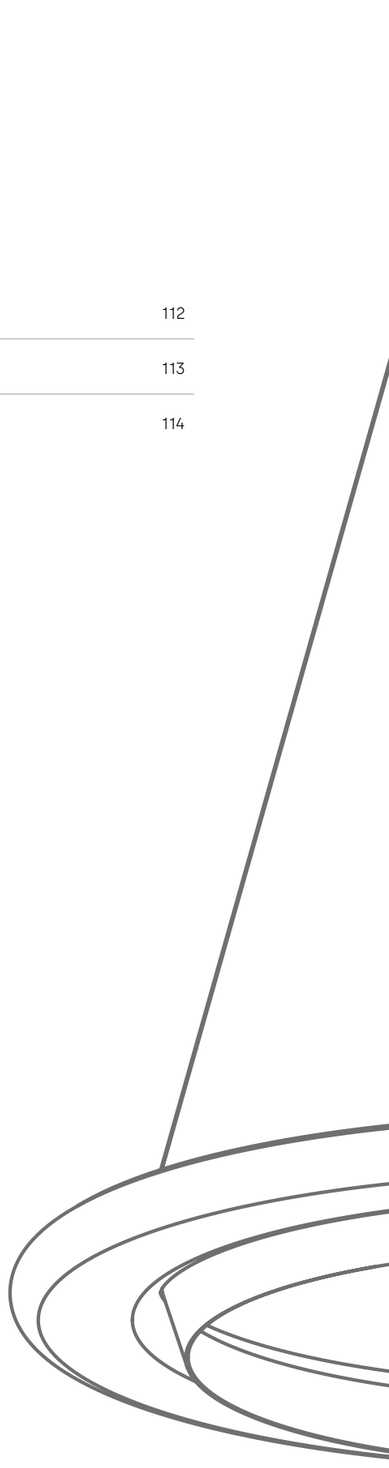
We are responsible
for the highest quality of lighting.

Industrial lighting

Tytan LED Pro	22
Tytan Multi LED	23
Tytan 2 LED	24
Tytan 2 LED Endura	25
Tytan 2 LED Hall	26
Tytan 2 LED Chemo	27
Tytan 2 LED 24-48V	28
Tytan 2 LED Basic	29
Tytan 2 LED Basic Multi	30
Industry Slim LED	32
Industry IP66 LED	34
Industry IP66 LED Endura	35
Industry IP66 LED MR	36
Industry 2 LED	37
Industry IP40 LED	38
Linea 2 LED	39
Linea 3 LED	40
Tube LED Evo 2	42
Mimo 2 LED	43
Oculus LED	48
Oculus LED UGR	49
Oculus LED Endura	50
Oculus LED Mini	51
Oculus LED Mini UGR	52
Oculus LED P1	53
Oculus LED P2	54
Hulk 2 LED Basic	56
Hulk 2 LED Mini Basic	57
Quest 2 LED HB	60
Quest 2 LED Endura HB	61
Quest 2 LED	62
Vigo M LED	64
Flato FL LED	65

Architectural lighting

Sizzano	70
Solanto - suspended	72
Solanto - surface	74
Solanto Duo	76
Solanto Quattro	78
Baris 40 LED - surface	84
Baris 40 LED - suspended	85
Baris 40 LED UGR	86
Baris 40 LED Bracket	88
Baris 52 LED - suspended	90
Baris 52 LED - surface	92
Baris 52 LED - recessed	93
Baris 52 LED X/T/L	94
Baris 52 LED SM - recessed	96
Baris 52 LED Bracket	98
Expo Adjust	100
Tripact LED	104
Corpact LED	105
Solpact LED	106
Lungo LED	107
Piatto LED 610	108
Piatto LED 340	109
Elegante LED System	110
Arto 2 LED	112
Terra 2 LED	113
Terra 2 LED Long	114



Office lighting

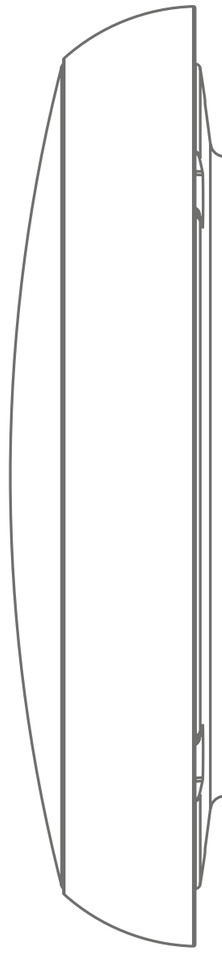
SQ 600 LED	120
SQ 300 LED Plus	121
Madera 3 LED	122
Compact LED Evo - recessed	124
Compact LED Evo - surface	125
Compact LED Evo 1200	126
Compact Solid LED	127
Compact LED Evo - suspended	128
Compact LED Evo 1200	129
Madera Altus LED Evo	130
Capella LED Plus	131
Coria LED	132
Tablo LED - recessed	133
Tablo LED	136
Doblo LED	137
Indo PLX LED Evo	138
Plano LED Evo	139
Vespo LED	140
Vector 3 LED	141

Investment lighting / downlights

SQ 160 LED Plus - surface	146
SQ 160 LED Plus - recessed	147
RQ 160 LED Plus - surface	148
RQ 160 LED Plus - recessed	149
SQ 100 LED Plus - surface	150
SQ 100 LED Plus - recessed	151
RQ 100 LED Plus - recessed	152
Swing LED Evo	154
DL 220 LED Evo	155
DLN 220 LED Evo	156
Nectra LED Plus	157

Investment lighting / bulkheads

Dione LED Plus	164
Dione LED Plus Multi	165
Dione LED Plus Asymmetric	166
Capella LED Plus	170
Capella LED Plus IoT	171
Proxima LED Evo Plus	172
Camea LED Evo 2	173
Camea Pro LED Evo	174
Phobos LED	175
Gamma LED	176
Gamma LED Basic	177
Mercury LED	178
Deimos LED Plus	179
Saturn LED	180
Coral LED Evo Plus	181
Callisto LED Evo	182
Teo LED	183
Portal LED Basic	186
Square LED Basic	187
Vega LED	188
Point LED	189
Oval LED	190
Oval LED Evo	191
Oval LED Basic	192



06 / 10

Street lighting

Tiara LED Pro	200
Tiara LED	201
Corona Street LED Evo 2 Pro	202
Corona Street LED Evo 2	203
Corona Street LED Evo	204
Astra LED	208
Astra LED 12-24V	209
Mitra LED	210
Mitra LED Basic	211
Leo Park LED	212

07 / 10

Medical lighting

Compact LED Hygienic	218
Compact LED Evo IP65	219
Compact LED Evo 1200 IP65	220
Labo LED	221
Labo LED 1200x600	224
Labo LED 1200x300	225

09 / 10

Investment lighting / emergency

Dot CS LED	258
Dot CR LED	259
Lumax S LED	260

10 / 10

Intelligent light management system

Clue City	264
Clue In	266
Dali / Dali 2	268
Internet of things - IoT	268
Corridor function	268
DIMM 1-10V control	268
PIR - Passive infrared sensor	268
Tunable white	269
Radio motion sensor	269
Lighting Control System	269

Accessories

Industrial lighting	270
Office & architectural lighting	274
Street lighting	275

Technical symbols

Maximum luminous flux per watt	max. 178 lm/W
Ingress protection class	IP66
Impact resistance class	IK10
Insulation protection class 1, 2, 3	I, II, III

CE ALL OUR PRODUCTS MEET EUROPEAN STANDARDS

Photos presented in the catalogue are illustrative and may differ from a real product appearance. Manufacturer reserves its right to change technical data of products without prior information.

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Industrial lighting

Your top choice for industry

Tytan LED family is an industrial luminaires dedicated to LED technology. It represents the next generation of luminaires, distinguished by extremely high luminous efficiency and characterised by the highest energy saving and excellent technical parameters.

The luminaire's heart is a highly efficient LED light module with a lifetime of over 196.000h. Tytan LED Pro is distinguished by exceptional, reaching 178 lm/W, efficiency on the market. It emits light of high homogeneity (SDCM ≤3) and is characterised by IK09 mechanical impact resistance and IP67 ingress protection.

178 max. lm/W

196.000 h Lifespan

Tytan LED family

09

different variants

01 **Tytan LED Pro**
Highest quality & top performance

02 **Tytan Multi LED**
4-step luminous flux & power regulation

03 **Tytan 2 LED**
Versatility of applications

04 **Tytan 2 LED Endura**
Thermal resistance means more options

05 **Tytan 2 LED Hall**
Narrow light distribution

06 **Tytan 2 LED Chemo**
Chemical resistance thanks to PCT-G

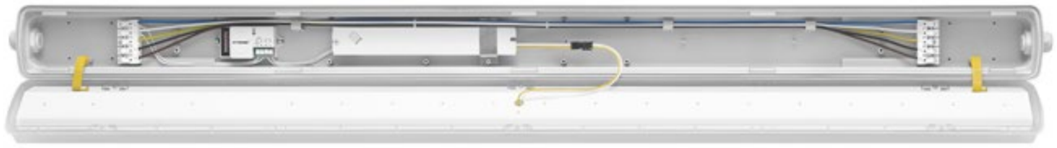
07 **Tyan 2 LED 24-48V**
Luminaire for low voltage installations

08 **Tytan 2 LED Basic**
Excellent price-quality ratio

09 **Tytan 2 LED Basic Multi**
Excellent price-quality ratio and even more

Non-standard solutions allow the customer to make even better use of the lamp.

Efficiency and innovation



Adjusting the luminaire to the dedicated space are the result of thinking and designing focused on the satisfaction and benefits of the investor, contractor and user of the product.

The MULTI function allows you to independently control the power and luminous flux of the luminaire. The dedicated microswitch allows to independently choose the level of luminous flux/luminaire power. The priority may be to obtain a sufficiently high value of the luminous flux or to save electricity. This solution is especially practical in places where the use of the illuminated space changes, and along with it, the standards and lighting needs change.

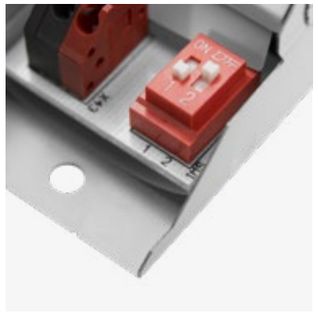
The Tytan LED family uses an innovative solution consisting in integrating the diffuser with the LED module. As a result, the assembly and quick replacement of the entire light module is facilitated. This is especially important in the case of service or efficient modernisation of lamps over the years - changes to more modern solutions, without the need to disassemble the entire lamps.

16

combinations

Easy replace LED module

Suspended diffuser integrated with a mounting panel saves time and increases working comfort of installers and service workers.



More control with multi function

Thanks to dedicated microswitch, the MULTI function allows you to independently control the power and luminous flux of the luminaire.

100 mm mounting tolerance

Adjustable brackets with a mounting tolerance of +/- 50 mm to facilitate and speed up the process of surface mounting

Quick connectors

Rapid-A and Rapid-D versions enables an extremely fast and easy power feed and does not require opening the luminaire.

design

R&D process

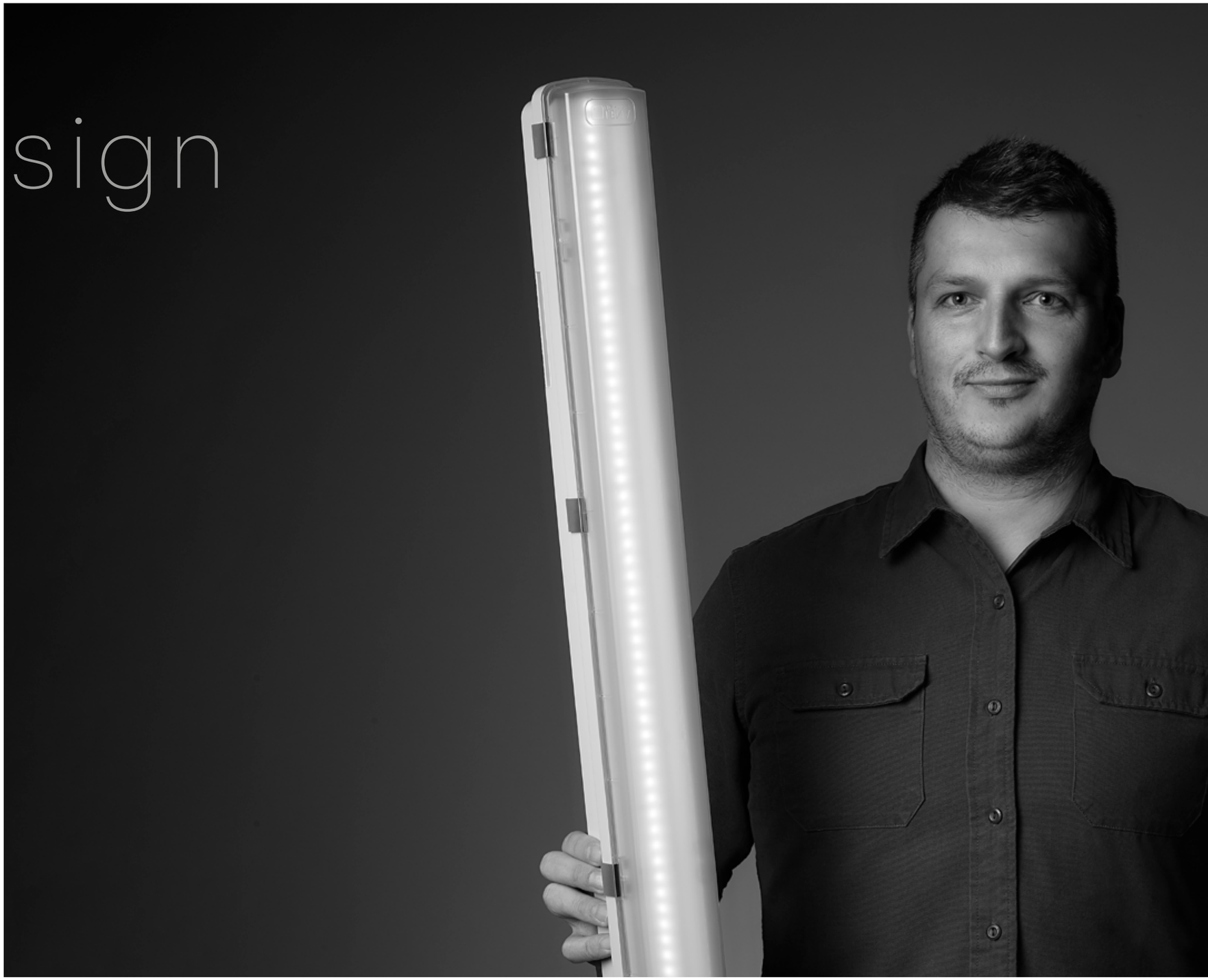
Designing the second generation of successful luminaires has been a big challenge I had to face. Customer expectations for the product are huge. Quality, energy efficiency, safety and ergonomics are not enough.

These were provided by the first generation of Tytan Led. The next one must bring added value.

In the course of research and searching for the best solutions – with the use of more effective LEDs – I was able to obtain greater efficiency and luminous flux at the same power.

As a result, the customer will receive a product that is proven and appreciated on the market with even better parameters and savings in the operation process.

Michał Jaraczewski, Designer



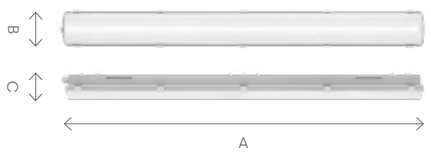
Tytan LED Pro

max. 178 lm/W | IP67 | IK09 |

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	13, 24, 29, 33, 40, 47, 59, 70	**Colour of the body:**	grey
Luminous flux range [lm]:	2500, 4350, 5450, 6300, 7500, 8700, 10900, 12000	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1152/85/80, 1432/85/80

Features:

- Very high efficiency >170 lm/W
- High ingress protection and impact resistance
- Easy and fast assembly
- Replaceable light module
- Branded components, INOX clips
- Large range of mounting tolerance +/- 50 mm



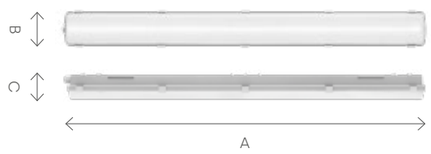
Tytan Multi LED

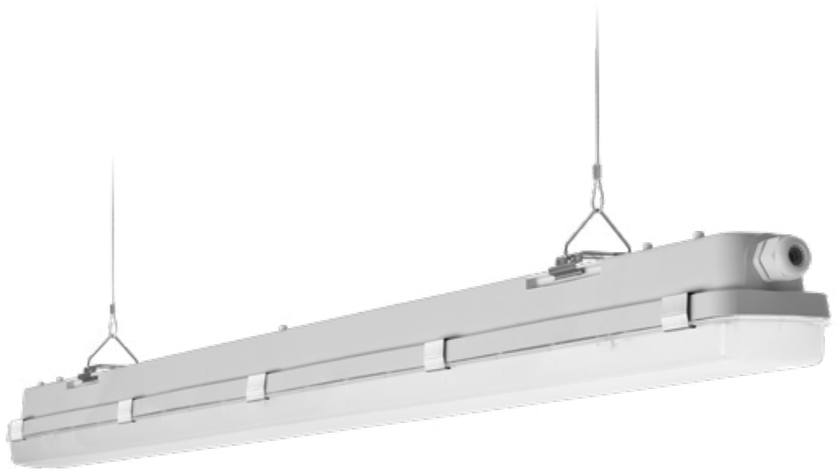
max. 175 lm/W | IP67 | IK09 |

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	13 - 24, 16 - 29, 26 - 47, 33 - 59	**Colour of the body:**	grey
Luminous flux range [lm]:	2500 - 4350, 3150 - 5450, 5000 - 8700, 6300 - 10900	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1152/85/80, 1432/85/80

Features:

- Power and luminous flux can be adjusted
- Very high efficiency >170 lm/W
- Save stock space
- High energy saving
- High ingress protection
- Replaceable light module





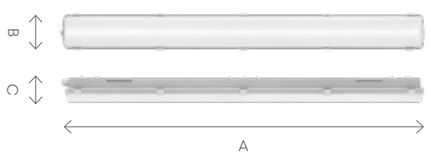
Tytan 2 LED

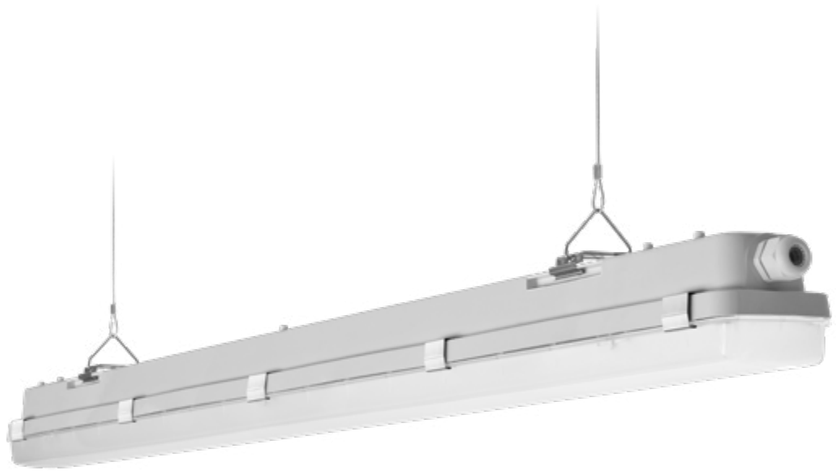
max. 161 lm/W | IP66 | IK09 | I, II

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	16, 28, 35, 42, 47, 55, 69	**Colour of the body:**	grey
Luminous flux range [lm]:	2650 - 11300	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000, 5000	**Diffuser type:**	MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1152/85/80, 1432/85/80

Features:

- Very high efficiency
- High ingress protection
- High impact resistance
- Replaceable light module
- High uniformity of light SDCM ≤3
- Wide range of available luminous fluxes





Thermal resistance

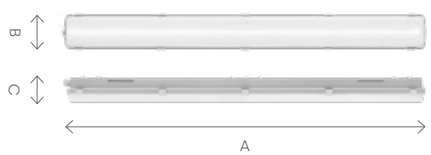
Tytan 2 LED Endura

max. 155 lm/W | IP66 | IK09 | I

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	28, 35, 43, 49, 55, 69	**Colour of the body:**	grey
Luminous flux range [lm]:	4750, 5950, 7050, 8200, 9050, 11300	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1152/85/80, 1432/85/80

Features:

- Operation in high +60^0 and low temperatures -40^0
- Branded components, INOX clips
- Large range of mounting tolerance +/- 50 mm
- High impact resistance
- High efficiency
- Available service parts, replaceable light module



NEW

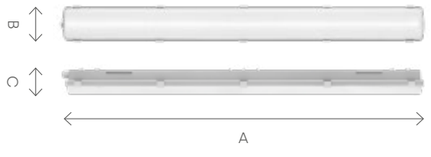
Tytan 2 LED Hall

max. 144 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	55, 58, 69, 72	**Colour of the body:**	grey
Luminous flux range [lm]:	8200, 8250, 8350, 10200, 10300, 10400	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	transparent
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1152/85/80, 1432/85/80

Features:

- High efficiency
- Designed for high storage premieses
- Available service parts
- Assembly up to 12 m high
- 3 types of light distributions to choose from
- Replaceable light module



Chemical resistance

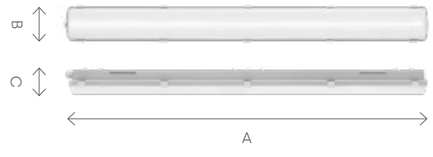
Tytan 2 LED Chemo

max. 155 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	28, 35, 47, 69	**Colour of the body:**	grey
Luminous flux range [lm]:	4550, 5650, 7850, 11300	**Diffuser material:**	PCT-G
Colour temperature [K]:	4000	**Diffuser type:**	MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1152/85/80, 1432/85/80

Features:

- Body resistant to ammonia recommended for use in animal husbandry
- Very high ingress protection
- Easy and fast assembly
- High impact resistance
- Replaceable light module



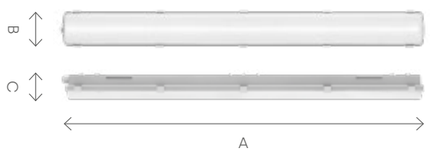
Tytan 2 LED 24-48V

max. 123 lm/W | IP66 | IK09 | III

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	19	**Colour of the body:**	grey
Luminous flux range [lm]:	2750	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1152/85/80

Features:

- Very high ingress protection
- Easy and fast assembly
- Dedicated to safe, low voltage supply 24-48V AC/DC
- High impact resistance
- Replaceable light module



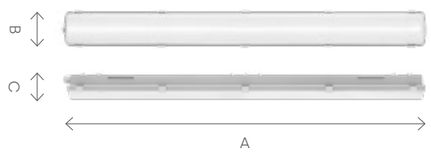
Tytan 2 LED Basic

max. 133 lm/W | IP66 | IK09 | I

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	30, 43, 44, 50, 52, 75	**Colour of the body:**	grey
Luminous flux range [lm]:	3900 - 10000	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	MAT,
Mounting version:	surface, suspended,	**Dimensions A/B/C [mm]:**	1152/85/80, 1432/85/80

Features:

- High energy saving
- Very high ingress protection
- High impact resistance
- Value for money
- Replaceable light module
- Polish manufacturer – availability of spare parts



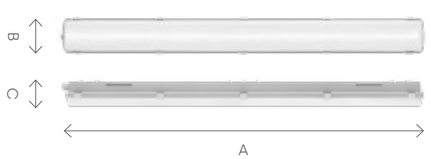
Tytan 2 LED Basic Multi

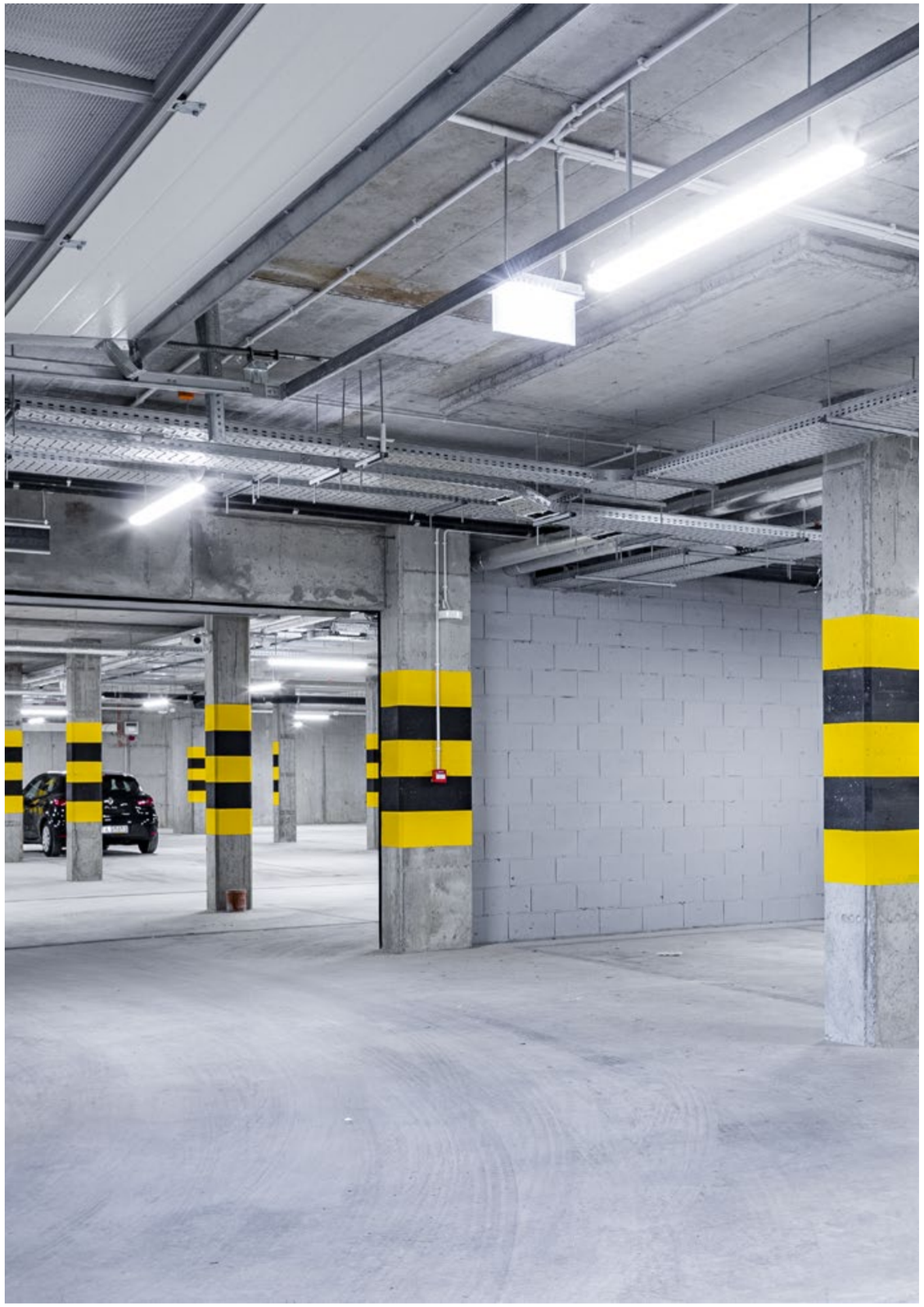
max. 140 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	19 - 33, 23 - 40, 30 - 53, 34 - 62	**Colour of the body:**	grey
Luminous flux range [lm]:	2500 - 3850, 3050 - 4750, 4200 - 6300, 4800 - 7300	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1152/85/80, 1432/85/80

Features:

- Power and luminous flux can be adjusted
- Save stock space
- High energy saving
- High impact resistance
- High ingress protection
- Replaceable light module





Underground garage in Apartment Park Nowe Ptasie - Katowice

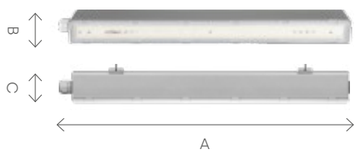
Industry Slim LED

max. 163 lm/W | IP66 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	23 - 59	**Colour of the body:**	grey
Luminous flux range [lm]:	2500 - 9250	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	PC
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	621/50/75, 651/50/75

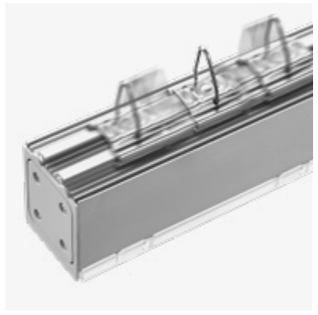
Features:

- Solid aluminium housing
- Compact dimensions - 600 mm
- High impact resistance IP66
- Quick connector for safe and quick mounting
- 5 different light distributions



Compact dimensions

Smaller sizes mean additional financial benefits, due to logistical and warehousing issues.



Aluminium housing

Robust luminaire housing made of aluminium, which dissipates heat and significantly weight is significantly reduced.

Quick installation

Thanks to the well-designed construction, the installer has an easy access to the board with the electrical block and the driver. Significantly simplifies the assembly process

Five light distributions

In order to adapt the lamp to the purpose of a given object and different expectations placed on lighting, the designer has designed several light distributions.

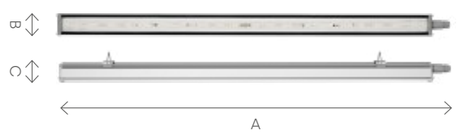
Industry IP66 LED

max. 163 lm/W | IP66 | IK08 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	14, 23, 26, 46, 67, 83, 85, 106, 170, 212	**Colour of the body:**	grey
Luminous flux range [lm]:	2150 - 34000	**Diffuser material:**	glass
Colour temperature [K]:	4000	**Diffuser type:**	transparent, PRM, MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1150/55/55, 1450/55/55, 1250/135/104,1550/135/55

Features:

- Aluminium body and diffuser made of tempered glass
- Quick connector for safe and quick mounting
- Mounting bracket on the entire length
- Slim luminaire – does not collect dirt
- Dedicated to harsh industrial conditions
- 3 types of light distribution, dedicated to high rooms



Thermal resistance

Industry IP66 LED Endura

max. 161 lm/W | IP66 | IK08 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	54, 62	**Colour of the body:**	grey
Luminous flux range [lm]:	8900, 10500	**Diffuser material:**	glass
Colour temperature [K]:	4000	**Diffuser type:**	transparent
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1150/63/55, 1450/63/55

Features:

- Dedicated to work in very high temperatures
- Aluminium body and diffuser made of tempered glass
- Very high ingress protection
- High impact resistance
- Dedicated to harsh industrial conditions
- Quick connector for safe and quick mounting

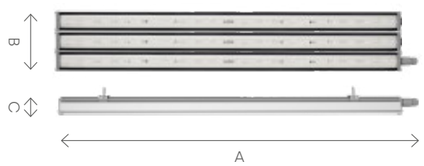
Industry IP66 LED MR

max. 148 lm/W | IP66 | IK08 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	255, 318, 424	**Colour of the body:**	grey
Luminous flux range [lm]:	35900 - 68000	**Diffuser material:**	glass
Colour temperature [K]:	4000	**Diffuser type:**	transparent
Mounting version:	suspended	**Dimensions A/B/C [mm]:**	1173/205/125, 1473/205/125, 1473/273/170

Features:

- Aluminium body and diffuser made of tempered glass
- High impact resistance
- Dedicated to harsh industrial conditions
- Very high luminous flux up to 68.000 lm
- 3 types of light distribution, dedicated to high rooms



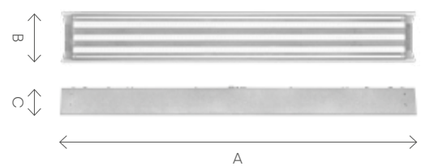
Industry 2 LED

max. 161 lm/W | IP23 | IK07 |

Light source:	LED module	**Material of the body:**	galvanized steel sheet
Nominal power range [W]:	45, 61, 66, 76, 91, 106, 134, 147	**Colour of the body:**	silver
Luminous flux range [lm]:	6800 - 23600	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1210/137/70, 1490/137/70, 1490/190/70

Features:

- Wide range of luminous flux from 6.800 to 24.000 lm
- High ergonomics and easy mounting
- Body made of galvanized sheet resistant to environmental conditions
- 3 types of light distributions to choose from
- High luminous efficacy
- Suspended mounting panel



Industry IP40 LED

max. 148 lm/W | IP40 | IK06

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	50, 73, 118	**Colour of the body:**	grey
Luminous flux range [lm]:	7600, 10530, 17450	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1680/52/42

Features:

- High efficiency
- Aluminium body
- Fast mounting
- Luminous flux up to 17.000 lm
- Good value for money

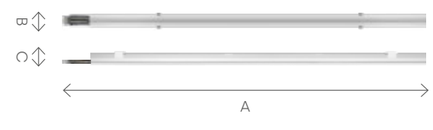
Linea 2 LED

max. 157 lm/W | IP20 | IK06

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	14, 24, 28, 36, 48, 51, 72, 73, 102, 146	**Colour of the body:**	grey
Luminous flux range [lm]:	2250 - 22100	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1680/52/42; 3360/52/42

Features:

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



NEW

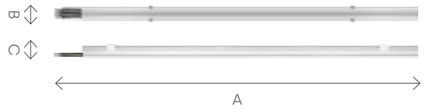
Linea 3 LED

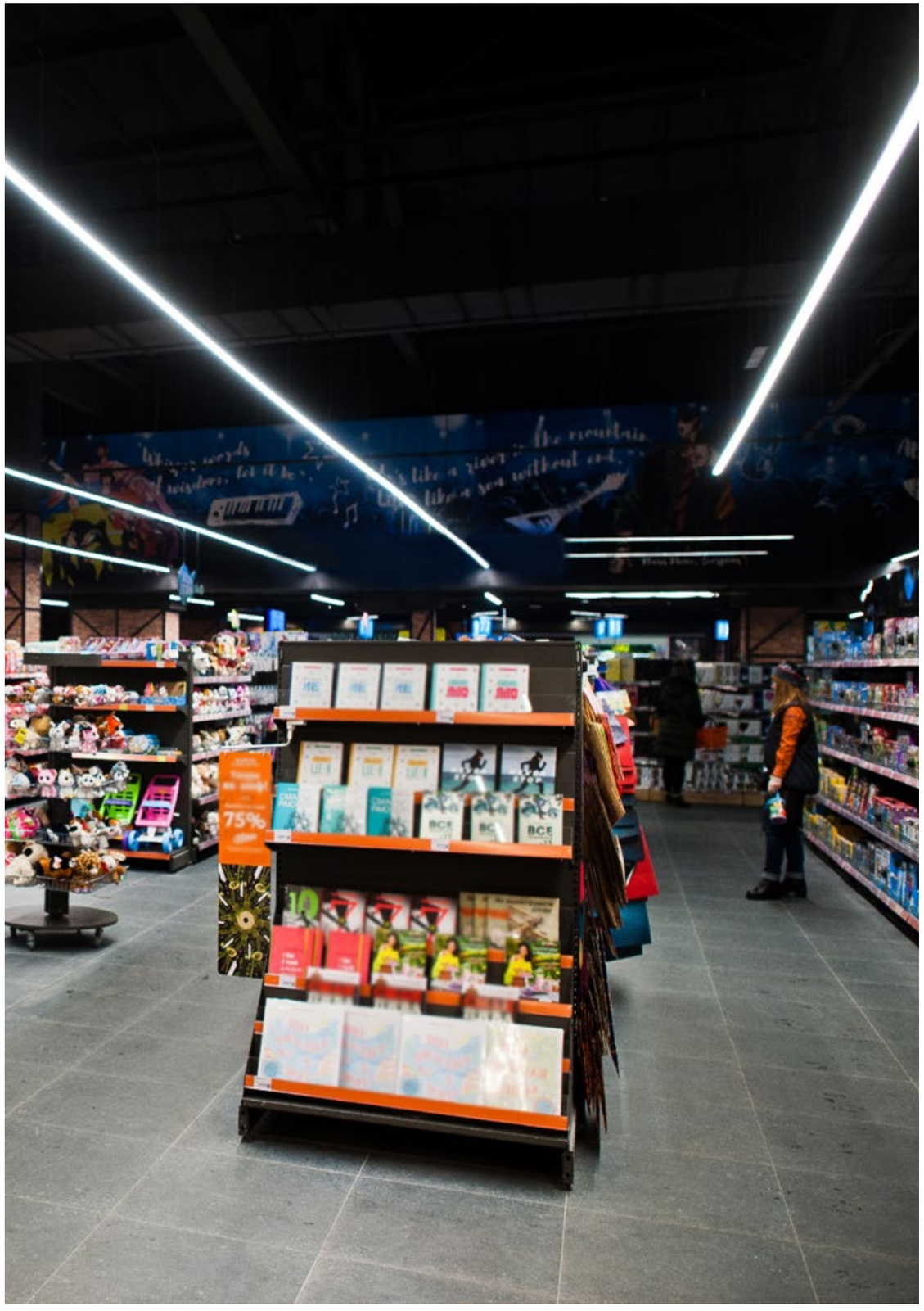
max. 144 lm/W | IP40 | IK06 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	15, 25, 30, 38, 51, 54, 76, 77, 108, 155	**Colour of the body:**	grey
Luminous flux range [lm]:	2150, 3600, 4300, 5300, 7100, 7600, 10500, 15200, 21000	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	MAT
Mounting version:	suspended, surface	**Dimensions A/B/C [mm]:**	1680/52/41; 3360/52/41

Features:

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





Aplication of Linea 3 LED in supermarket.

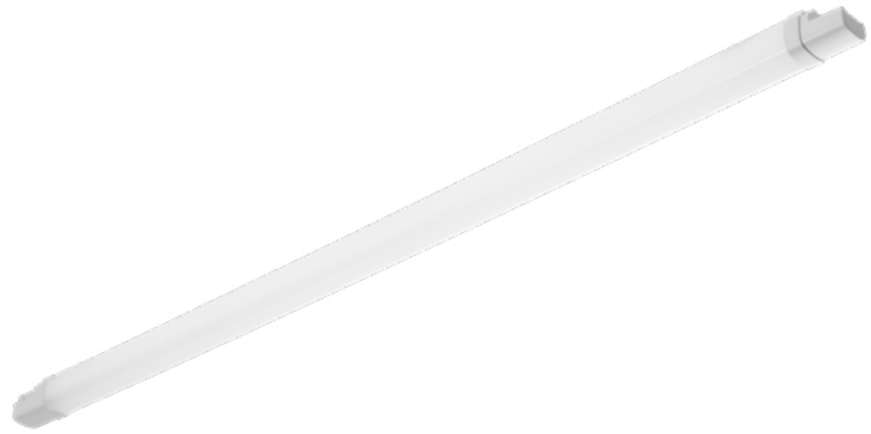
Tube LED Evo 2

max. 121 lm/W | IP65 | IK08 | I, II

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	14, 21, 28, 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



Mimo 2 LED

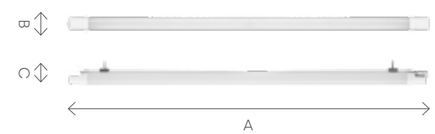
max. 150 lm/W | IP66 | IK06 | II

Available basic standard version

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	13, 23, 30	**Colour of the body:**	white
Luminous flux range [lm]:	2050, 3600, 5000	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	MAT
Mounting version:	surface, suspended	**Dimensions A/B/C [mm]:**	1230/45/50, 1510/45/50, 670/45/50

Features:

- Very high ingress protection
- Low weight
- Assembly tolerance over the entire length
- Cables connected in 19 seconds without tools
- Through-wiring versions



Highly efficient high-bay

We present modern HIGH-BAY luminaire constituting a new generation of luminaires dedicated to LED technology. Due to the use of highly efficient diodes, it is distinguished by very high luminous flux up to 49200 lm and luminous efficiency up to 176 lm/W. Its undeniable, noteworthy advantages include: durability, energy efficiency and ability to work in high temperatures up to 60°C and 75°C (Endura version).

Oculus LED is a great solution not only for large-format warehouse halls and logistics centres, but also a solution that will work well in demanding production conditions with high humidity, dust or temperature. Due to its high ingress protection, it can be mounted outside of buildings.

The luminaire uses a modern optical system. It is available in two versions. One with a glass diffuser (105° light distribution) and the other with a diffuser made of polycarbonate. The polycarbonate version can be delivered with a smooth diffuser (105° distribution) or a diffuser with an integrated linear lens matrix (55°, 75° light distribution).

176 max. lm/W

196.000 h Lifespan

Oculus LED family

07

different variants

01 **Oculus LED**
Very high luminous flux

02 **Oculus LED UGR**
Reduced glare level UGR <22

03 **Oculus LED Endura**
Environment with high ambient temperature

04 **Oculus LED Mini**
Compact size (diameter 32 cm)

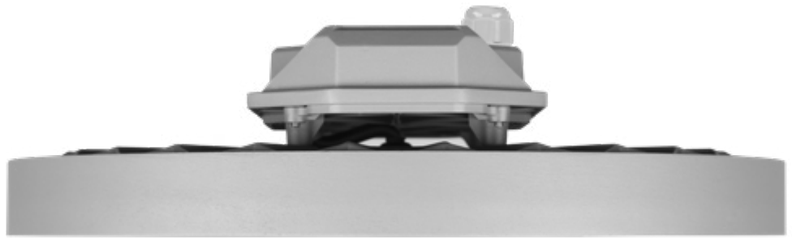
05 **Oculus LED Mini UGR**
Reduced glare level UGR <22

06 **Oculus LED P1**
Mounting on the pole

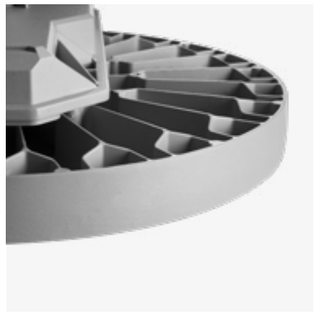
07 **Oculus LED P2**
Mounting to the crossbar & surface

Perfect heat dissipation management inspired by nature.

When designing Oculus LED, we went one step further.

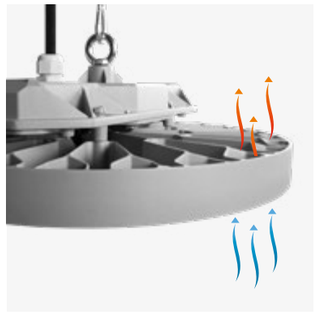


The luminaire structure and materials used for its construction ensure excellent heat management. Due to the conduction and convection effects as well as the designed shapes and surface finish, heat is effectively removed from the luminaire, guaranteeing optimal thermal conditions for the operation of the power supply system.



Special body shape

The shape of the body with an integrated, effective heat sink and high-quality materials ensure maximum heat dissipation from the LED module.



Power supply system

The driver's external compartment, separated from the body, guarantees optimal thermal working conditions for the power supply system.

75°

Maxium temperature

Solutions concerning the luminaire's heat management have been modelled on natural phenomena. The heat sink design – based on branched architecture to dissipate heat as efficiently as possible – is inspired by the shape of plants.

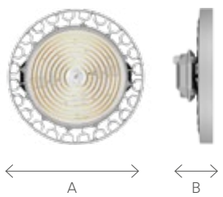
Oculus LED

max. 176 lm/W | IP66 | IK09 IK07

Light source:	LED module	**Material of the body:**	powder coated aluminium
Nominal power range [W]:	72, 73, 101, 104, 126, 141, 146, 206, 294	**Colour of the body:**	grey
Luminous flux range [lm]:	12250 - 49200	**Diffuser material:**	PC, tempered glass
Colour temperature [K]:	4000, 5700	**Diffuser type:**	transparent,
Mounting version:	suspended	**Dimensions A/B [mm]:**	Ø371/106

Features:

- Very high working temperature up to +60 degrees Celsius
- High luminous flux: up to 49.000 lm
- Very high efficiency even 170 lm/W
- Robust aluminium body, designed for effective heat dissipation
- 3 types of light distribution and version with a tempered glass diffuser
- Quick connector – mounting is faster and cheaper



NEW

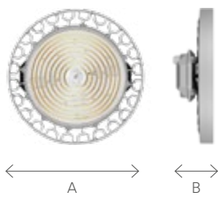
Oculus LED UGR

max. 153 lm/W | IP66 | IK09

Light source:	LED module	**Material of the body:**	powder coated aluminium
Nominal power range [W]:	74, 109, 129, 151, 218	**Colour of the body:**	grey
Luminous flux range [lm]:	11300, 15900, 18700, 21500, 28800	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	transparent
Mounting version:	suspended, surface	**Dimensions A/B [mm]:**	Ø370/107

Features:

- Highbay with reduced glare effect. UGR < 20, <22
- High luminous efficiency of up to 154lm/W
- Very high working temperature up to +60 degrees Celsius.
- Robust aluminium body, designed for effective heat dissipation
- Quick connector – mounting is faster and cheaper



Thermal resistance

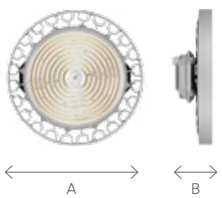
Oculus LED Endura

max. 140 lm/W | IP66 | IK09 IK07 |

Light source:	LED module	**Material of the body:**	powder coated aluminium
Nominal power range [W]:	203	**Colour of the body:**	grey
Luminous flux range [lm]:	28300, 27000, 26600	**Diffuser material:**	PC, tempered glass
Colour temperature [K]:	4000	**Diffuser type:**	transparent
Mounting version:	suspended	**Dimensions A/B [mm]:**	Ø371/106

Features:

- The luminaire is dedicated to work in very high temperatures up to +75 degrees Celsius
- Robust aluminium body, designed for effective heat dissipation
- Branded components
- Dedicated to harsh industrial conditions
- Polish manufacturer – availability of spare parts



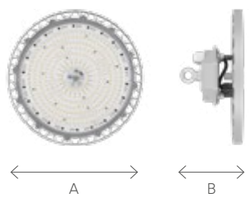
Oculus LED Mini

max. 167 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	powder coated aluminium
Nominal power range [W]:	72, 73, 101, 104, 126, 141, 146	**Colour of the body:**	grey
Luminous flux range [lm]:	11300, 15900, 18700, 21500	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000, 5000, 5700	**Diffuser type:**	transparent
Mounting version:	suspended, surface	**Dimensions A/B [mm]:**	Ø320/107

Features:

- High working temperature +45 degrees Celsius
- High luminous efficiency
- Robust aluminium body, designed for effective heat dissipation
- Very high ingress protection
- Quick connector – mounting is faster and cheaper



NEW

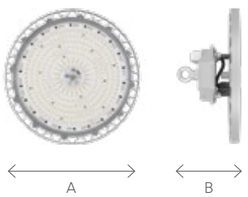
Oculus LED Mini UGR

max. 153 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	74, 109, 129, 151	**Colour of the body:**	grey
Luminous flux range [lm]:	11300, 15900, 18700, 21500	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000, 5000, 5700	**Diffuser type:**	transparent
Mounting version:	suspended, surface	**Dimensions A/B/C [mm]:**	Ø320/110

Features:

- Highbay with reduced glare effect. UGR < 20, <22
- High luminous efficiency of up to 154lm/W
- High working temperature +45 degrees Celsius
- Robust aluminium body, designed for effective heat dissipation
- Quick connector – mounting is faster and cheaper



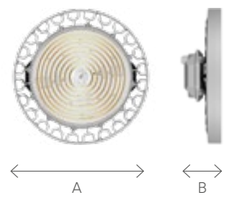
Oculus LED P1

max. 160 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	powder coated aluminium
Nominal power range [W]:	146, 206, 294	**Colour of the body:**	grey
Luminous flux range [lm]:	25500, 34650, 47500	**Diffuser material:**	PC
Colour temperature [K]:	4000, 5700	**Diffuser type:**	transparent
Mounting version:	on the pole	**Dimensions A/B/C [mm]:**	Ø371/106

Features:

- Luminaire dedicated to mounting on a pole
- Robust aluminium body, designed for effective heat dissipation
- High luminous flux: up to 49,000 lm
- Very high ingress protection
- Quick connector – mounting is faster and cheaper



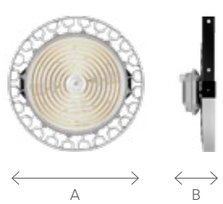
Oculus LED P2

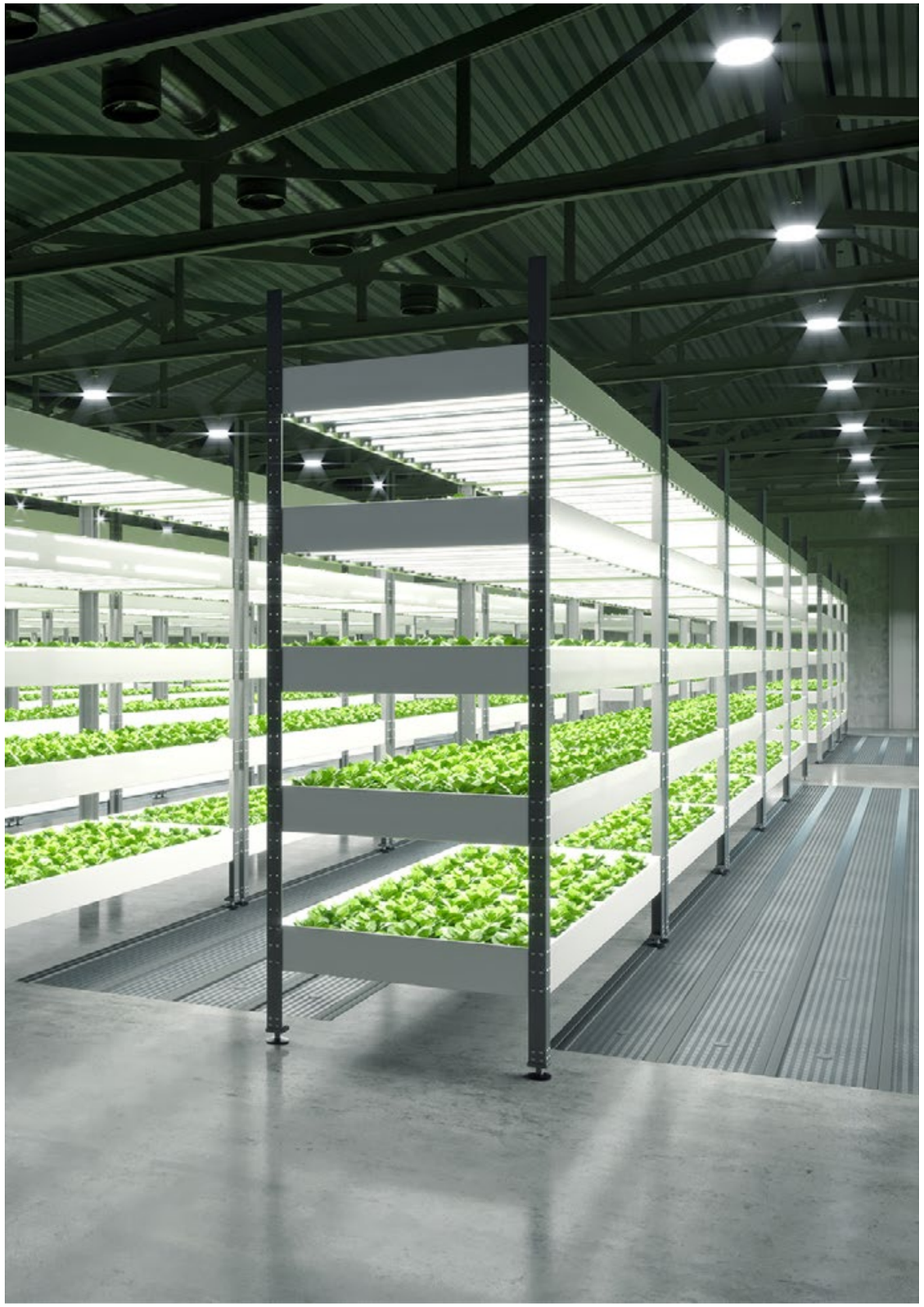
max. 160 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	powder coated aluminium
Nominal power range [W]:	104, 126, 146, 206, 294	**Colour of the body:**	grey
Luminous flux range [lm]:	18300, 21950, 34650, 47500	**Diffuser material:**	PC
Colour temperature [K]:	4000, 5700	**Diffuser type:**	transparent
Mounting version:	to the crossbar, surface	**Dimensions A/B [mm]:**	Ø371/106

Features:

- Luminaire dedicated to mounting on a pole
- Robust aluminium body, designed for effective heat dissipation
- High luminous flux: up to 49,000 lm
- Very high ingress protection
- Quick connector – mounting is faster and cheaper





Aplication of Oculus LED - Hydroponic cultivation.

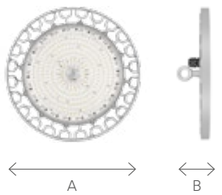
Hulk 2 LED Basic

max. 104 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	powder coated aluminium
Nominal power range [W]:	119, 162	**Colour of the body:**	grey
Luminous flux range [lm]:	13700, 19300	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	transparent
Mounting version:	surface, suspended	**Dimensions A/B [mm]:**	Ø371/35

Features:

- Very high power factor 0.99 (low capacitive reactive power)
- Polish manufacturer
- Availability of spare parts
- Robust aluminium body, designed for effective heat dissipation
- Quick connector – mounting is faster and cheaper



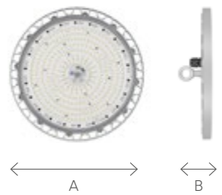
Hulk 2 LED Mini Basic

max. 109 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	powder coated aluminium
Nominal power range [W]:	137, 151	**Colour of the body:**	grey
Luminous flux range [lm]:	13500, 16400	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	transparent
Mounting version:	surface, suspended	**Dimensions A/B [mm]:**	Ø320/42

Features:

- Very high power factor 0.99 (low capacitive reactive power)
- Robust aluminium body, designed for effective heat dissipation
- Polish manufacturer
- Availability of spare parts
- Quick connector – mounting is faster and cheaper



Quest 2 LED family

We present the Quest 2 LED family of floodlights and high bay lamps. Their greatest asset is their versatility and multiplicity of applications - in accordance with the designer's vision, which assumed differentiation of individual variants of this lamp so as to be able to dedicate them to many places and objects.

Examples of application:

- industrial halls and warehouses
- ramps and infrastructure around the halls
- internal roads, parking lots
- market, show and sports halls
- sports fields and stadiums
- the facade of architectural objects
- historic buildings, monuments, billboards
- temporary lighting at a construction site
- emergency lighting in places where services work

Quest 2 LED lamps are characterized by high energy efficiency, reducing CO_2 emissions and allowing up to 65% savings compared to lamps fitted with traditional light sources.

Floodlight

High-bay

IT WILL ILLUMINATE ANY SPACE

NEW

Quest 2 LED HB

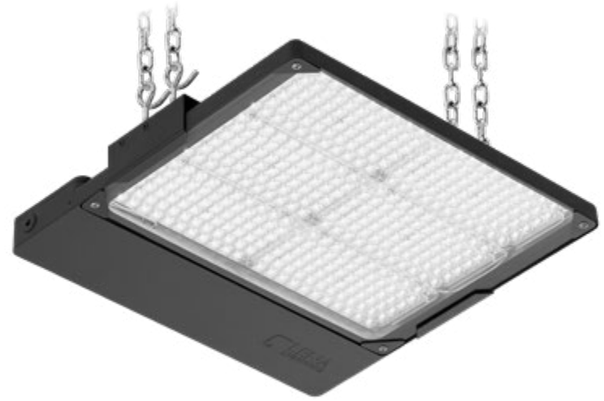
max. 140 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	108, 145, 216, 290	**Colour of the body:**	anthracite grey
Luminous flux range [lm]:	14000 - 61800	**Diffuser material:**	tempered glass
Colour temperature [K]:	4000, 5700	**Diffuser type:**	transparent
Mounting version:	suspended, surface	**Dimensions:**	see datasheet

Features:

- Quick connector – mounting is faster and cheaper
- Solid aluminium body
- 5 types of light distribution
- Branded components
- Very high luminous flux up to 61.800 lm
- High impact resistance

NEW



Thermal resistance

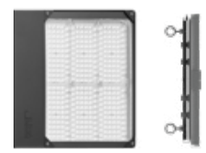
Quest 2 LED Endura HB

max. 139 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	108, 145, 216, 290	**Colour of the body:**	anthracite grey
Luminous flux range [lm]:	14700 - 40200	**Diffuser material:**	tempered glass
Colour temperature [K]:	4000	**Diffuser type:**	transparent
Mounting version:	suspended, surface	**Dimensions:**	see datasheet

Features:

- Very high ingress protection
- Solid aluminium body
- Diffuser made of tempered glass
- Highbay luminaire dedicated to applications in extreme temperatures: -40 to +60 degrees Celsius
- Polish manufacturer – availability of spare parts



NEW

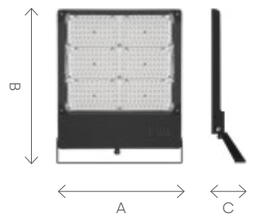
Quest 2 LED

max. 158 lm/W | IP66 | IK09 |

Light source:	LED module	**Material of the body:**	powder coated aluminium
Nominal power range [W]:	27, 41, 54, 68, 82, 108, 109, 122, 145, 182, 184, 210, 243	**Colour of the body:**	anthracite grey
Luminous flux range [lm]:	3600 - 30900	**Diffuser material:**	tempered glass
Colour temperature [K]:	3000, 4000, 5700	**Diffuser type:**	transparent
Mounting version:	surface	**Dimensions A/B/C [mm]:**	436/472/79, 437/378/79

Features:

- Very high ingress protection
- Solid aluminium body
- 5 types of light distribution available
- Quick connector – mounting is faster and cheaper
- Very high efficiency
- Slim aluminium body without heat sink fins – is easy to clean



Aplication of Quest 2 LED in sports center at the 1st general secondary school in Gliwice.

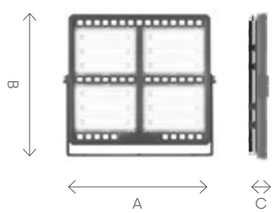
Vigo M LED

max. 95 lm/W | IP65 | IK10 | I

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	100, 200	**Colour of the body:**	anthracite grey
Luminous flux range [lm]:	9350, 19000	**Diffuser material:**	PMMA
Colour temperature [K]:	5000	**Diffuser type:**	PRM
Mounting version:	surface	**Dimensions A/B/C [mm]:**	414/235/57, 414/380/57

Features:

- Very high ingress protection
- Robust aluminium body
- High power, up to 200 W
- Small dimensions
- Very high power factor 0.99 (low capacitive reactive power)



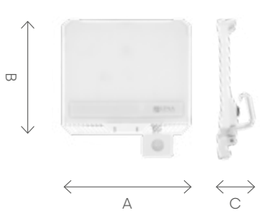
Flato FL LED

max. 76 lm/W | IP44 | IK07 | II

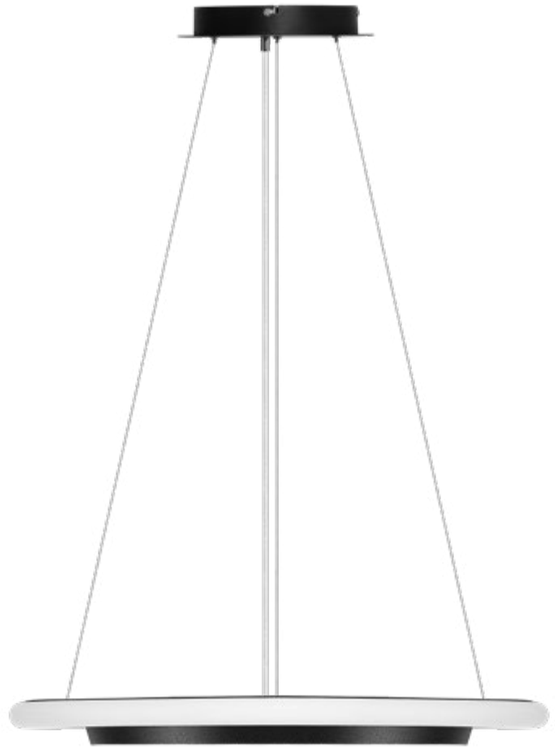
Light source:	LED module	**Material of the body:**	PP
Nominal power range [W]:	17, 41	**Colour of the body:**	white, grey
Luminous flux range [lm]:	1750, 3800	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	OPAL
Mounting version:	surface, wall mounted	**Dimensions A/B/C [mm]:**	285/261/64

Features:

- Light and handy
- Impact resistant
- Easy to carry and mount
- Fitted with dusk and motion sensor



Architectural lighting



For years, Lena Lighting's team of experts has been supporting architects in preparing professional designs and delivering the highest quality lighting systems and lamps.

We use our knowledge and experience to propose the best solutions tailored to your needs, expectations and possibilities. We take on the most ambitious challenges and help realise the most daring visions. We inspire with non-standard ideas and possibilities. We combine the most advanced technology with a sound knowledge of lighting and passion for creation.

reddot winner 2022

Jakub Zarzyński / Projektant

We support your vision

NEW

reddot winner 2022

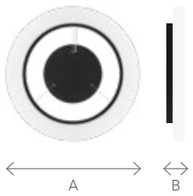
Sizzano

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

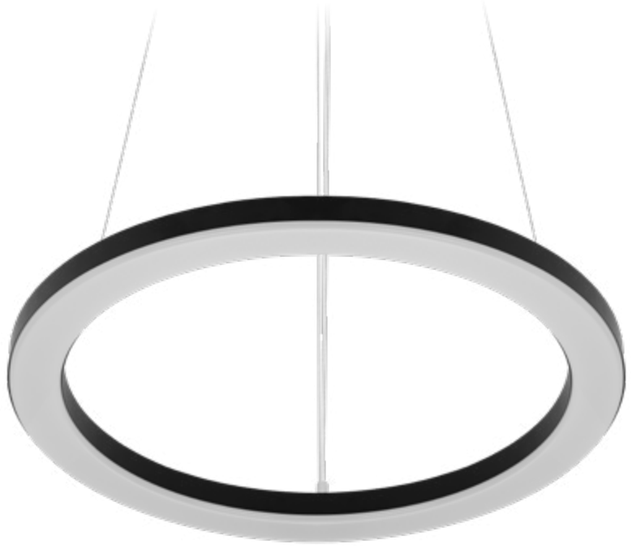
Features:

- 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



Aplication of Sizzano in modern aparrtment.

NEW



Solanto

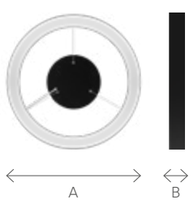
max.
116 lm/W

IP20

Light source:	LED module	**Material of the body:**	steel
Nominal power range [W]:	30 - 53	**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	**Dimensions A/B [mm]:**	Ø602/32, Ø900/32

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



Aplication of Solanto in beuty & SPA centre.

NEW

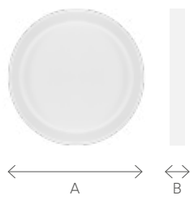
Solanto

max. 116 lm/W | IP20 |

Light source:	LED module	**Material of the body:**	steel
Nominal power range [W]:	30 - 53	**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:	surface	**Dimensions A/B [mm]:**	Ø602/68, Ø900/68

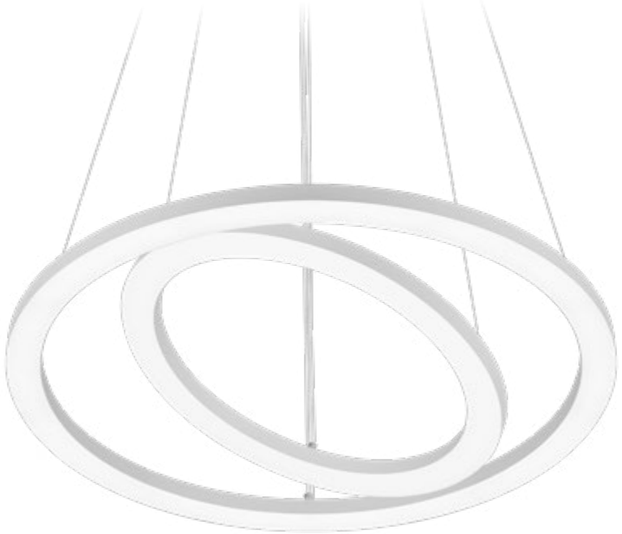
Features:

- 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



Application of Solanto in SPA & fitness centre.

NEW



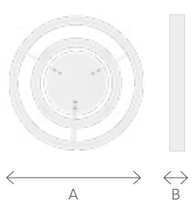
Solanto Duo

max. 122 lm/W | IP20 |

Light source:	LED module	**Material of the body:**	steel
Nominal power range [W]:	26 - 54	**Colour of the body:**	white, black
Luminous flux range [lm]:	2200 - 6500	**Diffuser material:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	suspended	**Dimensions A/B [mm]:**	Ø900/32

Features:

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



Aplication of Solanto Duo in modern aparrtment.

NEW

Solanto Quattro

IP20 |

Light source:	LED module	**Material of the body:**	steel
Nominal power range [W]:	30 - 53	**Colour of the body:**	white, black
Luminous flux range [lm]:	2500 - 6100	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	suspended	**Dimensions A/B/C [mm]:**	Ø602/32, Ø900/32

Features:

- Intriguing, custom design
- Several configuration options
- Thermoformed diffuser
- Multi versions with adjustable power and flux settings
- Perfect light distribution on the diffuser
- Versions with DIMM-DALI control available

Aplication of Solanto Quattro in modern office hall.

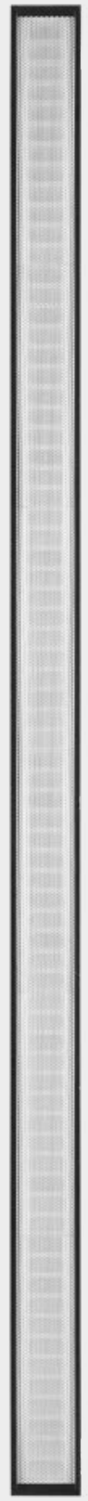
The best solution for your office

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 on the diffuser, 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 and user comfort.

6 metres
of a uniform design

UGR **>19**
no glare effect



Baris LED family

10
different variants

01 **Baris 40 LED**
Surface & suspended office lamp

02 **Baris 40 LED UGR**
Surface & suspended lamp with UGR>19

03 **Baris 40 LED Bracket**
Bracket for wall mounting

04 **Baris 52 LED**
Surface, suspended & recessed office lamp

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

The most important differences between 52 & 40 versions:

- Version 52 is a modular system with X,T,L connectors are available
- Version 52 enables the creation of light lines up to 25 meters without visible 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

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.

6 m

of a uniform design

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.

NEW

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:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	surface	**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 of the diffuser

NEW

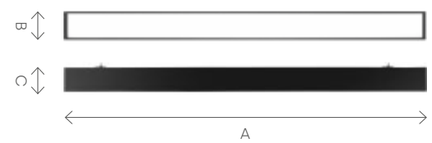
Baris 40 LED

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:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	suspended	**Dimensions A/B/C [mm]:**	1140/53/40/, 1421/53/40, 579/53/40

Features:

- Solid body
- High luminous efficacy
- Compact design
- IP44 versions
- Suspended versions with the integrated suspension system
- Vast selection of version, colour and length of the diffuser



NEW

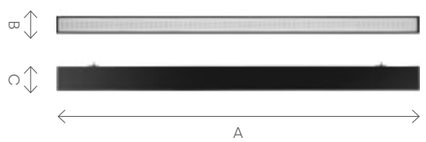
Baris 40 LED UGR

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:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	PRM (upside-down)
Mounting version:	suspended, surface	**Dimensions A/B/C [mm]:**	1140/53/40, 1421/53/40

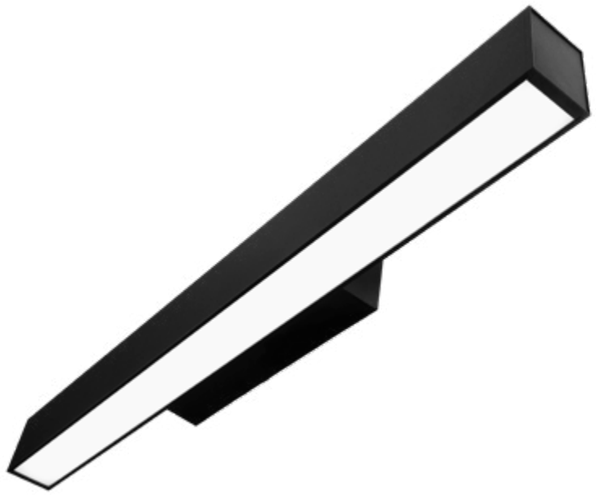
Features:

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



Aplication of Baris 40 LED in office room

NEW



Baris 40 LED Bracket

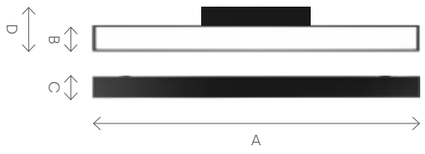
max. 85 lm/W | IP44 |

Available stronger and longer version: Baris 52 LED Bracket

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:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	surface - wall	**Dimensions A/B/C/D [mm]:**	579/71/53/102

Features:

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



Aplication of Baris 40 bracket in hotel room.

NEW

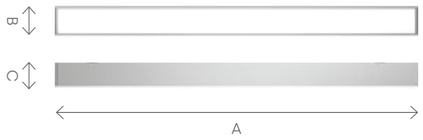
Baris 52 LED

max. 129 lm/W | IP44 | IK06 |

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	**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



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

NEW

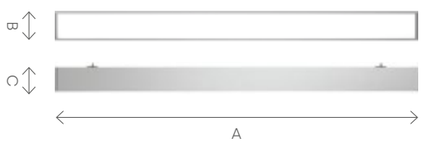
Baris 52 LED

max. 129 lm/W | IP44 | IK06

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:	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



NEW

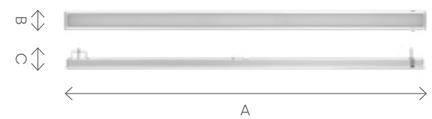
Baris 52 LED

max. 107 lm/W | IP44/ IP20 | IK06

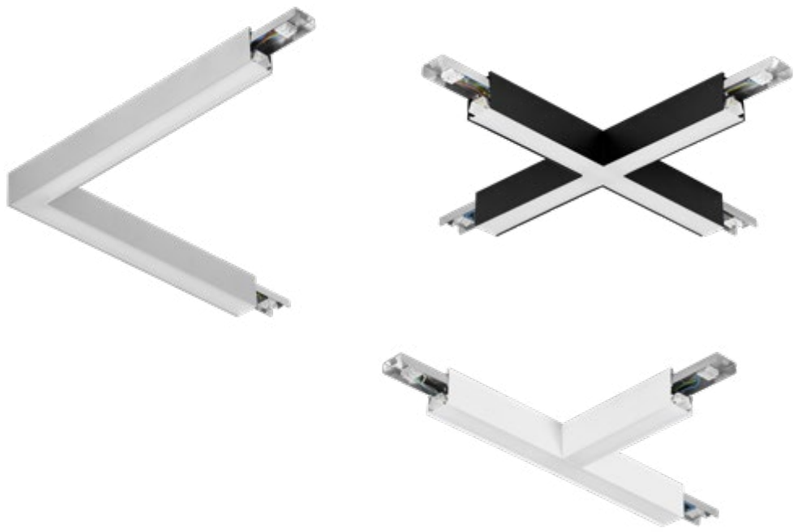
Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	9 - 64	**Colour of the body:**	grey, black, white
Luminous flux range [lm]:	700 - 6900	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	OPAL, UGR, PRM
Mounting version:	recessed in plasterboard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

Features:

- Possible replacement of components
- Unprecedented vast selection of version, colour and length
- Version with UGR raster that meets the stringent UGR <19
- Height of the lamp profile is reduced to 37mm
- Aluminium body



NEW



Baris 52 LED X/T/L

max. 126 lm/W | IP20 | IK06 |

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

Aplication of Baris 52 LED suspended version with line connectors in restaurant.

NEW

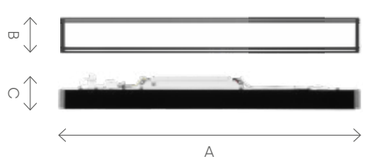
Baris 52 LED

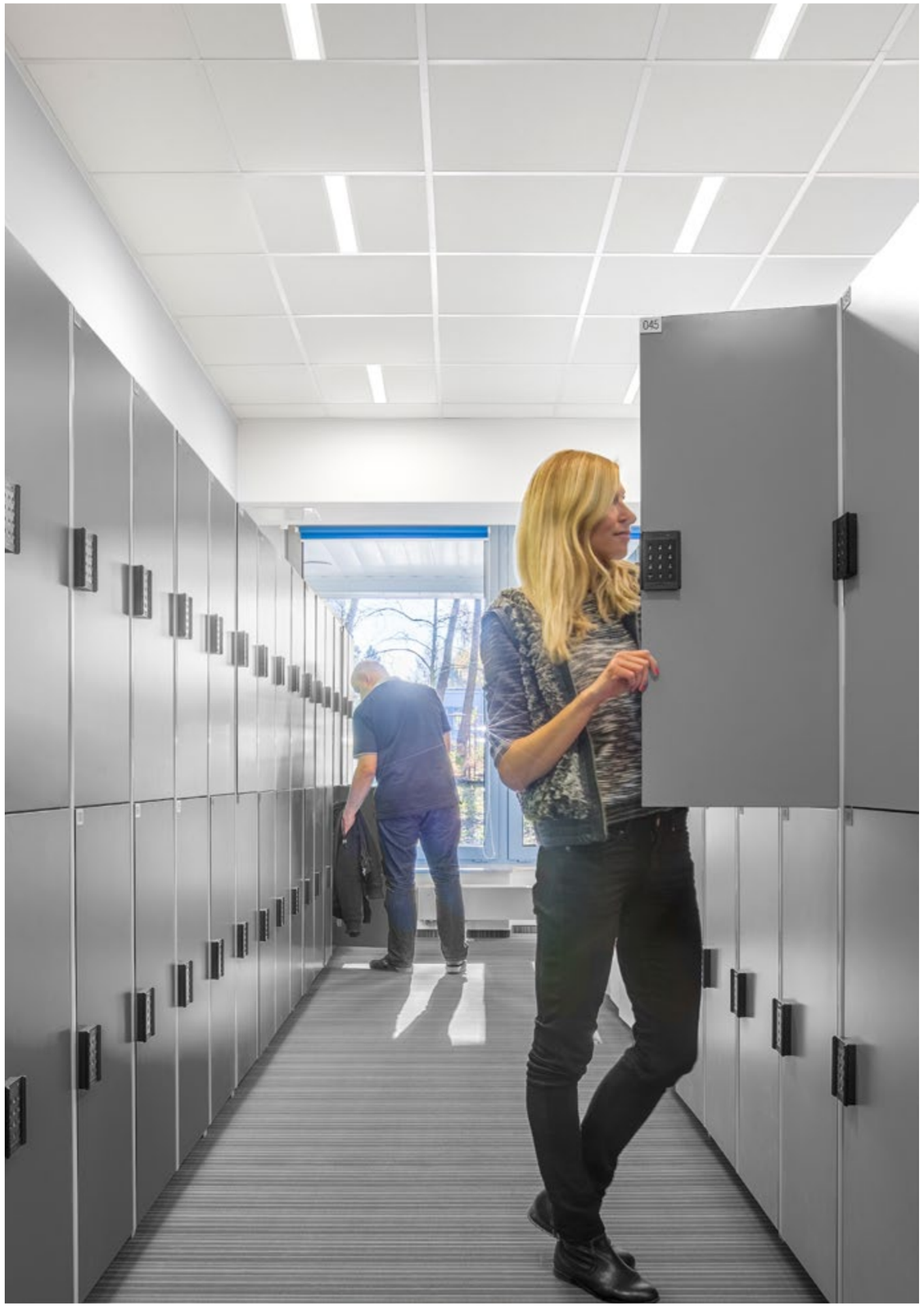
max. 92 lm/W | IP44 IP20 | IK06 |

Light source:	moduł LED	**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 plasterboard ceilings	**Dimensions A/B/C [mm]:**	1193/69/60, 1793/69/60, 593/69/60

Cechy wyróżniające:

- 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





Wizualizacja zastosowania lampy Baris 52 LED w wersji do sufitów modułowych.

NEW

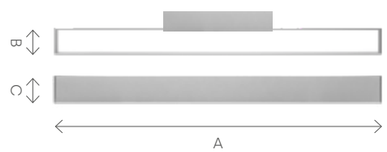
Baris 52 LED Bracket

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:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	surface - wall	**Dimensions A/B/C/D [mm]:**	864/82/69

Features:

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



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

NEW

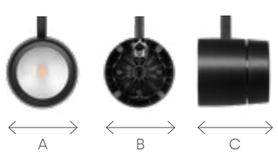
Expo Adjust

max. 140 lm/W | IP20 |

Light source:	COB LED module	**Material of the body:**	aluminium, ABS
Nominal power range [W]:	8 - 37	**Colour of the body:**	black, white
Luminous flux range [lm]:	800 - 3600	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	transparent
Mounting version:	track	**Dimensions:**	87/95/99-116

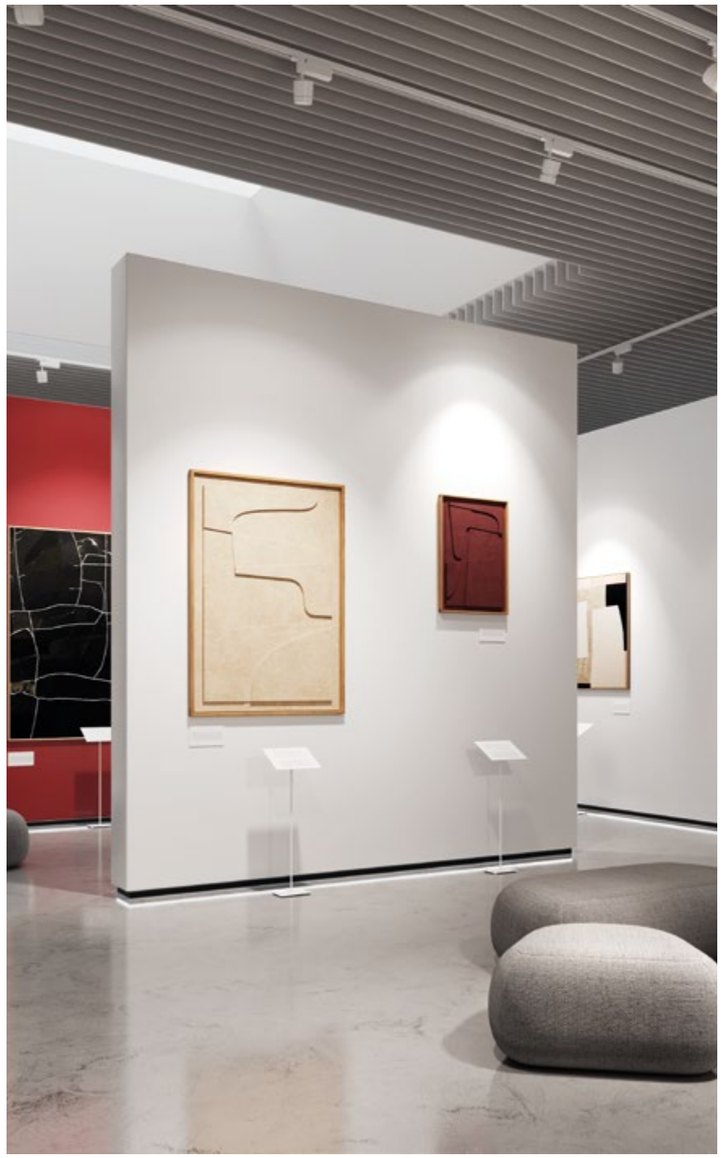
Cechy wyróżniające:

- 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)



Zastosowanie systemu Expo Adjust w drogerii butikowej.

Expo Adjust



Aplication of Expo adjust - winery, museum exhibition hall

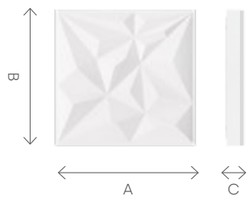
Tripact LED

max. 100 lm/W | IP40/IP20 | IK07 | I, II

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	24, 42, 60	**Colour of the body:**	white
Luminous flux range [lm]:	2300, 2500, 3750, 4050, 5300, 6000	**Diffuser material:**	PMMA
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	recessed	**Dimensions A/B/C [mm]:**	595/595/93

Features:

- Decorative diffuser
- Ceiling and wall installation possible
- For installation in modular ceilings
- Low weight
- Proven solution based on Compact LED



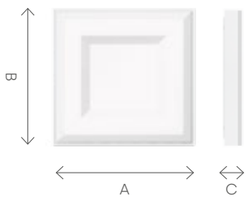
Corpact LED

max. 100 lm/W | IP40/IP20 | IK07 | I, II

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	24, 42, 60	**Colour of the body:**	white
Luminous flux range [lm]:	2300, 2500, 3750, 4050, 5300, 6000	**Diffuser material:**	PMMA
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	recessed	**Dimensions A/B/C [mm]:**	595/595/93

Features:

- Decorative, square shaped diffuser
- Ceiling and wall installation possible
- For installation in modular ceilings
- Low weight
- Proven solution based on Compact LED



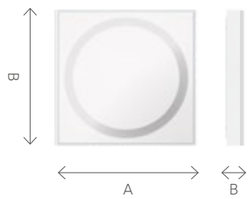
Solpact LED

max. 100 lm/W | IP40/IP20 | IK07 | I, II

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	24, 42, 60	**Colour of the body:**	white
Luminous flux range [lm]:	2300, 2500, 3750, 4050, 5300, 6000	**Diffuser material:**	PMMA
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	recessed	**Dimensions A/B/C [mm]:**	595/595/87

Features:

- Decorative, round shaped diffuser
- Ceiling and wall installation possible
- For installation in modular ceilings
- Low weight
- Proven solution based on Compact LED



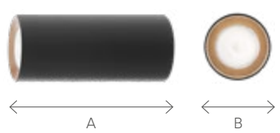
Lungo LED

max. 95 lm/W | IP65 | IK10 | I

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	10	**Colour of the body:**	white, black and gold
Luminous flux range [lm]:	825, 860	**Diffuser material:**	PMMA
Colour temperature [K]:	3000, 4000	**Diffuser type:**	PRM
Mounting version:	surface, suspended	**Dimensions A/B [mm]:**	145/Ø60, 250/Ø60,

Features:

- Elegant, modern, minimalist design
- Solid aluminium powder-coated body
- Non-standard colours
- Power cord in various colours
- Decorative style
- Compact dimensions



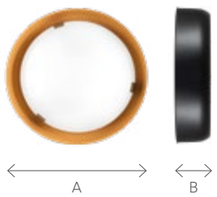
Piatto LED 610

max. 76 lm/W | IP20 |

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



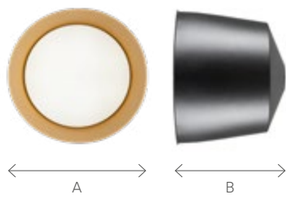
Piatto LED 340

max. 60 lm/W | IP20 |

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



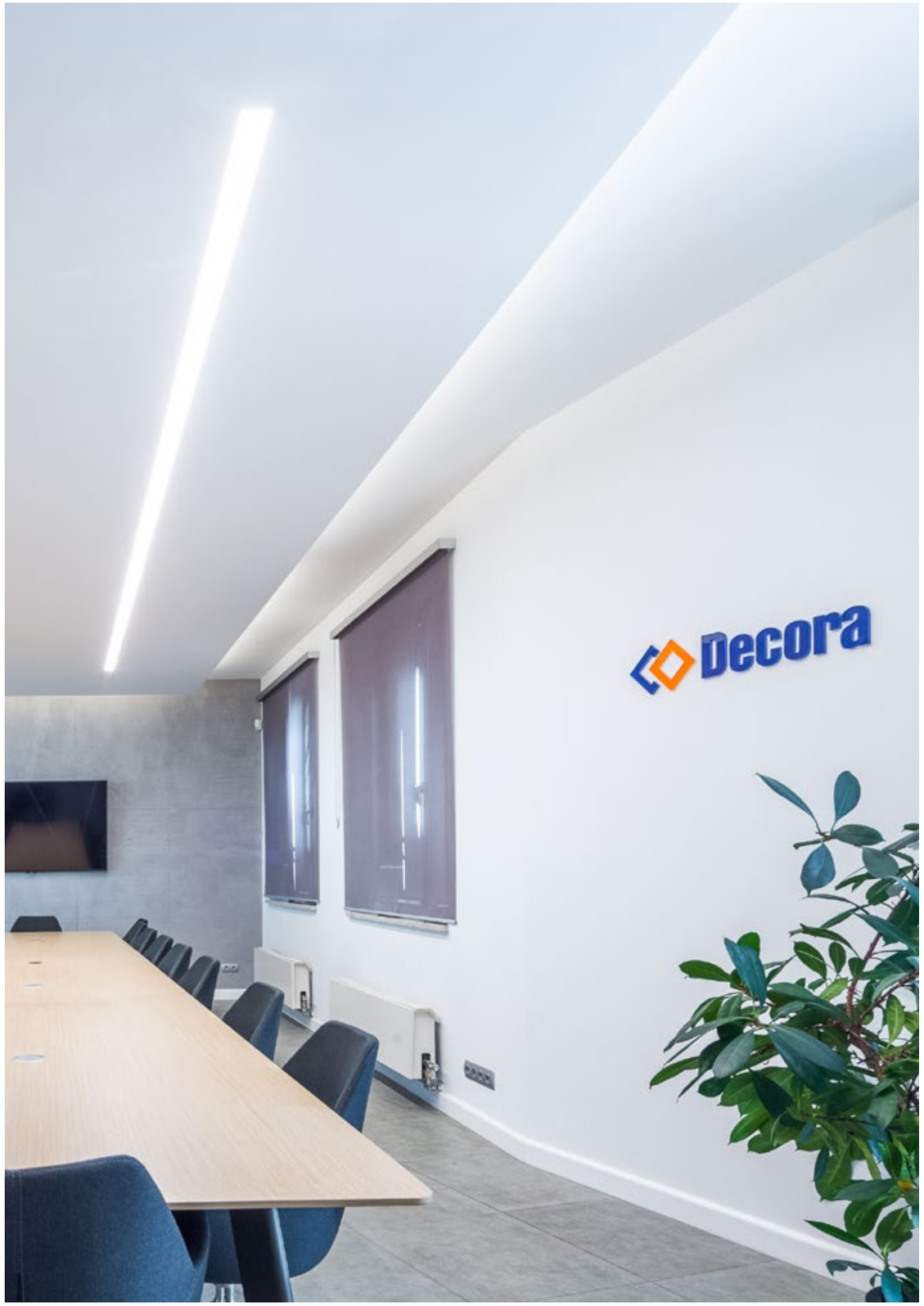
Elegante LED System

max. 86 lm/W | IP44/IP20 | 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:**	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)



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

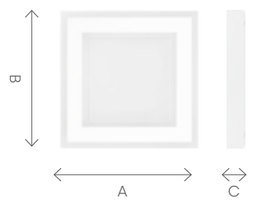
Arto 2 LED

max. 110 lm/W | IP20 | I

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



Terra 2 LED

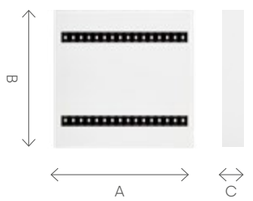
max. 116 lm/W | IP20 | II

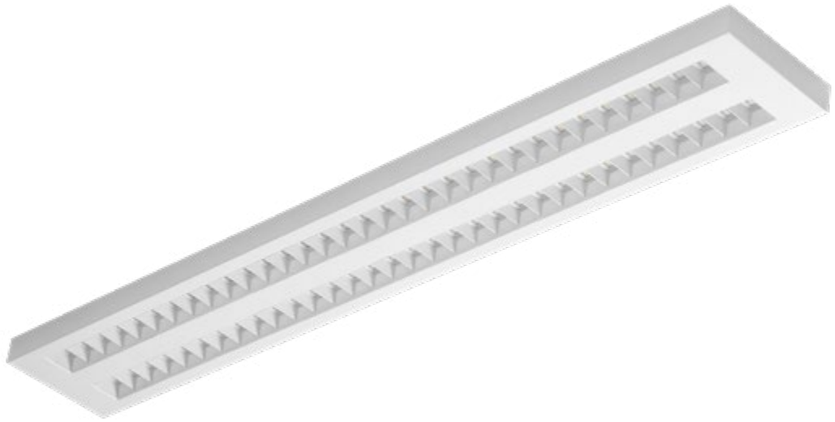
Available multi version with adjustable power and flux settings

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/a
Colour temperature [K]:	3000, 4000	**Diffuser type:**	n/a
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





Terra 2 LED Long

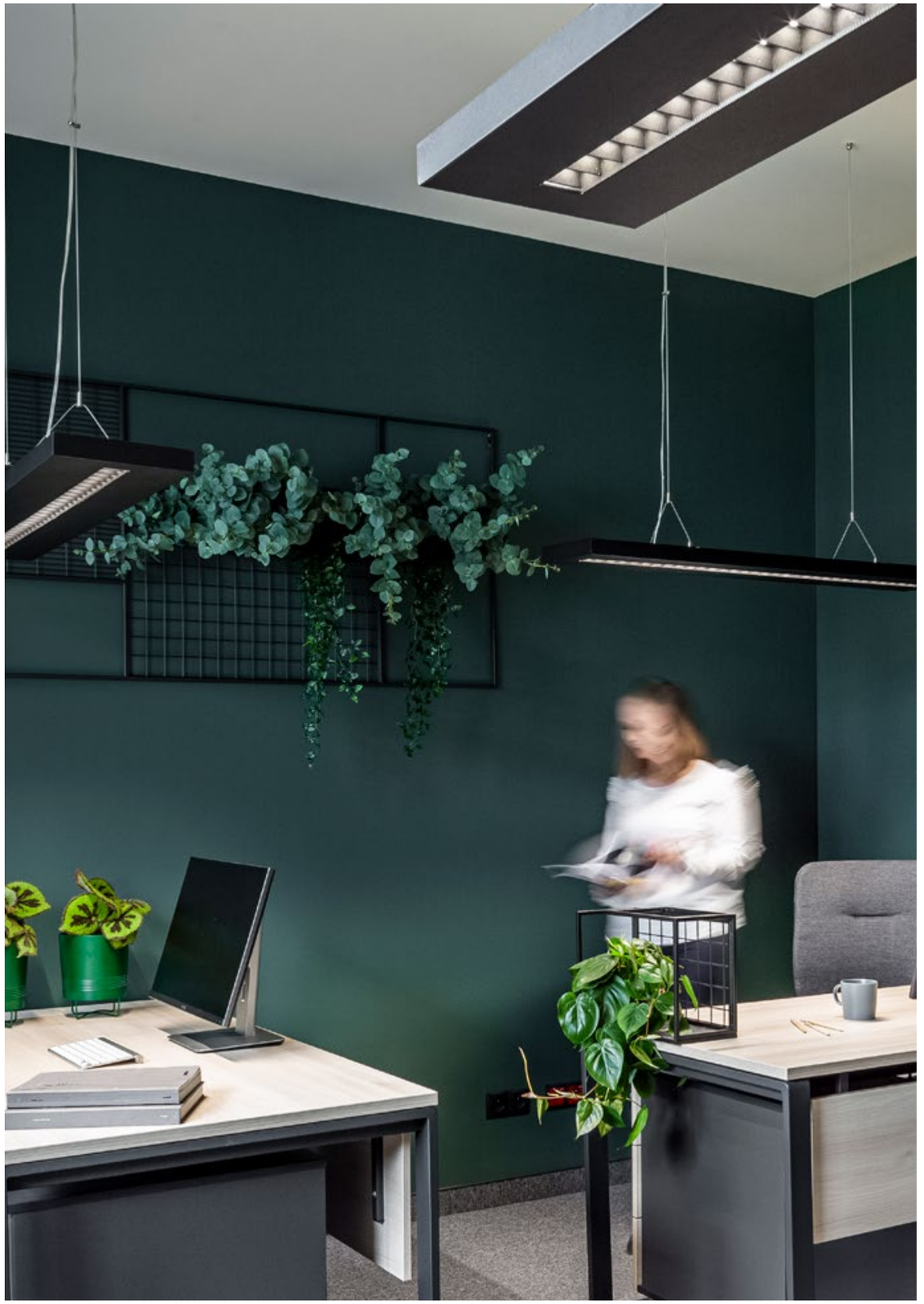
max. 116 lm/W | IP20 | II

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/a
Colour temperature [K]:	3000, 4000	**Diffuser type:**	n/a
Mounting version:	surface, recessed, suspended	**Dimensions A/B/C [mm]:**	595, 1195 / 140 - 300 / 32-38

Features:

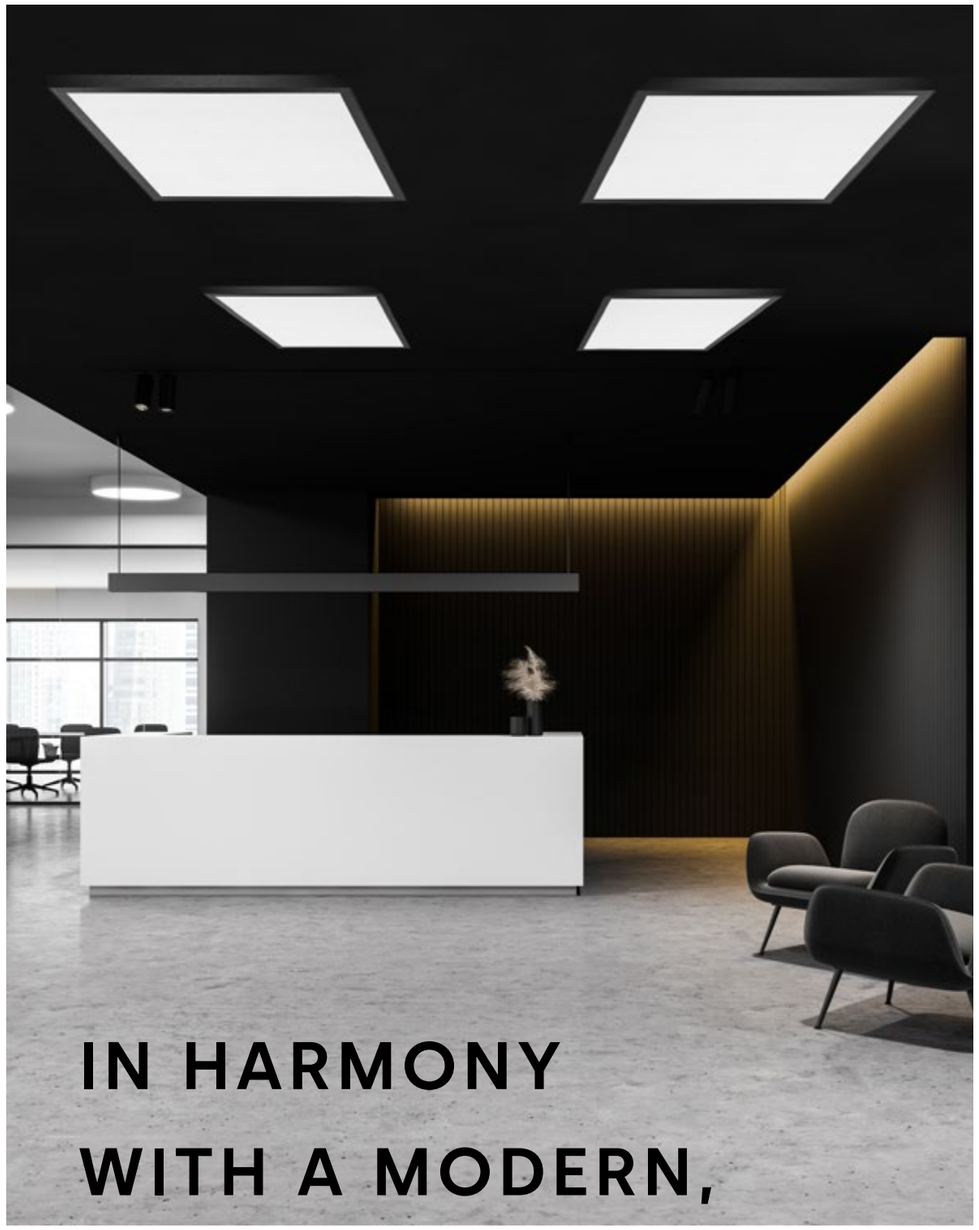
- Solid and economical
- High ingress protection
- Glare-reducing louvre luminaires
- High uniformity of light SDCM ≤3
- Multitude of versions available in different sizes, colours and power and mounting options



Aplication of Terra 2 LED in Lena Lighting offices.

Office

lighting



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

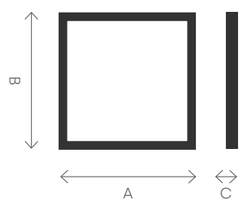
SQ 600 LED

max. 151 lm/W | IP44/IP20 | IP20 |

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	18, 24, 29, 32, 37, 42, 45, 52, 60, 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

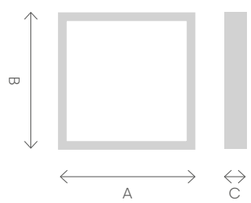
max. 96 lm/W | IP54 | IK08 |

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]:	2300, 2100, 2600, 2250, 2800, 2400	**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



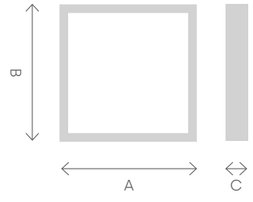
Madera 3 LED

max. 123 lm/W | IP44 | IK07 |

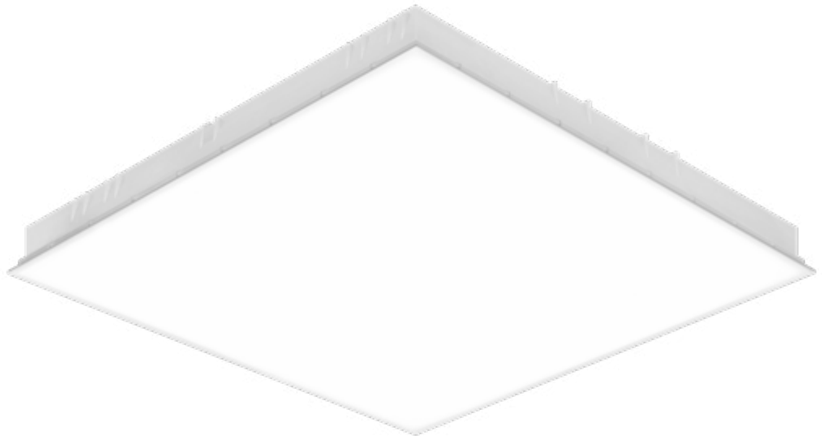
Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	15, 19, 21, 26, 34, 41	**Colour of the body:**	grey, white, black
Luminous flux range [lm]:	1800 - 5200	**Diffuser material:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	PRM, OPAL
Mounting version:	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



Aplication of Madera 3 LED in Pharma Consulting company reception.



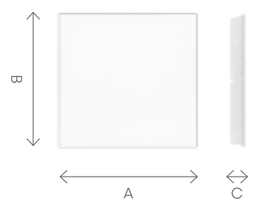
Compact LED Evo

max. 142 lm/W | IP65/ IP20 | IP54/ IP20 | IP44/ IP20 | IK07 | I, II

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	24, 32, 42, 52, 60	**Colour of the body:**	white
Luminous flux range [lm]:	2750 - 8100	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	recessed	**Dimensions A/B/C [mm]:**	595/595/71

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



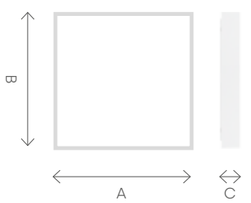
Compact LED Evo

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

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	24, 32, 42, 52, 60	**Colour of the body:**	white
Luminous flux range [lm]:	2750 - 8100	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	surface	**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

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

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	25 - 58	**Colour of the body:**	white
Luminous flux range [lm]:	2900 - 7000	**Diffuser material:**	PS, PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, nPRM
Mounting version:	surface, recessed in modular ceiling	**Dimensions A/B/C [mm]:**	1195/250/66

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

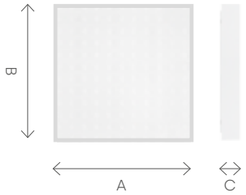
Compact Solid LED

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

Light source:	LED module	**Material of the body:**	ABS, powder coated steel sheet
Nominal power range [W]:	24, 32, 42, 52, 60	**Colour of the body:**	white
Luminous flux range [lm]:	2950 - 8100	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	PRM, OPAL
Mounting version:	surface	**Dimensions A/B/C [mm]:**	620/620/71

Features:

- Compact, classic design
- Robust metal body
- High luminous efficiency
- Diffuser: OPAL (soft light), PRM (low glare)



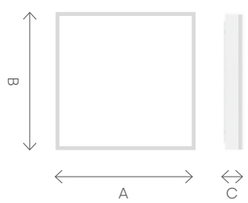
Compact LED Evo

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

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	24, 32, 42, 52	**Colour of the body:**	white
Luminous flux range [lm]:	2750 - 6550	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	suspended	**Dimensions A/B/C [mm]:**	620/620/69

Features:

- Compact, classic design
- Durable, plastic body
- Diffuser: OPAL (soft light), PRM (low glare)
- Suspenions included
- Low weight
- High luminous efficiency



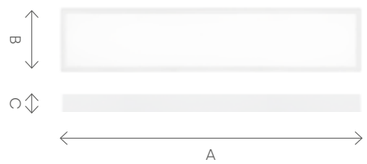
Compact LED Evo 1200

max. 117 lm/W | IP20 | IK07 | I, II

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	25, 32, 44, 50	**Colour of the body:**	white
Luminous flux range [lm]:	3850, 3550, 3150, 2900, 5150, 4750, 5950, 5450	**Diffuser material:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, nPRM
Mounting version:	suspended	**Dimensions A/B/C [mm]:**	1195/250/69

Features:

- Compact, classic design
- Durable, plastic body
- Diffuser: OPAL (soft light) and nPRM (low glare)
- High uniformity of light SDCM ≤3
- Low weight
- High luminous efficiency



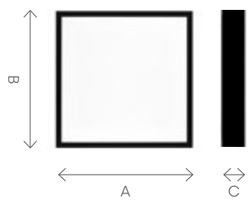
Madera Altus LED Evo

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



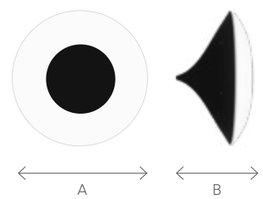
Capella LED Plus

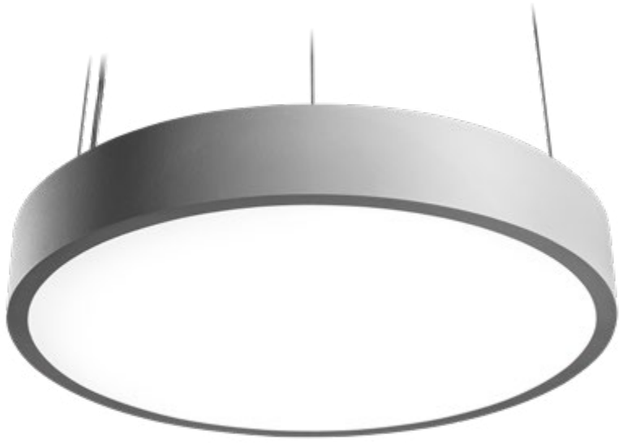
max. 103 lm/W | IP65 | IP54 | IP20 | IK07 IK06 ||

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	11, 15, 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





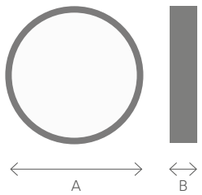
Coria LED

max. 99 lm/W | IP44 IP20 | IK07

Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	22, 30, 32, 50, 100	**Colour of the body:**	white mat, black mat
Luminous flux range [lm]:	1750, 1900, 2100, 2850, 3000, 4700, 5050, 10300, 11050	**Diffuser material:**	PMMA, PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	recessed, surface, suspended	**Dimensions A/B [mm]:**	ø400/65, ø400/86, ø600/86, ø900/86, ø400/70, ø440/70

Features:

- Classic design and elegance
- Intuitive assembly
- Robust metal body
- Multitude of versions available in different sizes and colours



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/a
Colour temperature [K]:	3000, 4000	**Diffuser type:**	n/a
Mounting version:	recessed	**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.

Coria LED

Aplication of Coria LED - conference room in CMA Borzęcin Duży.

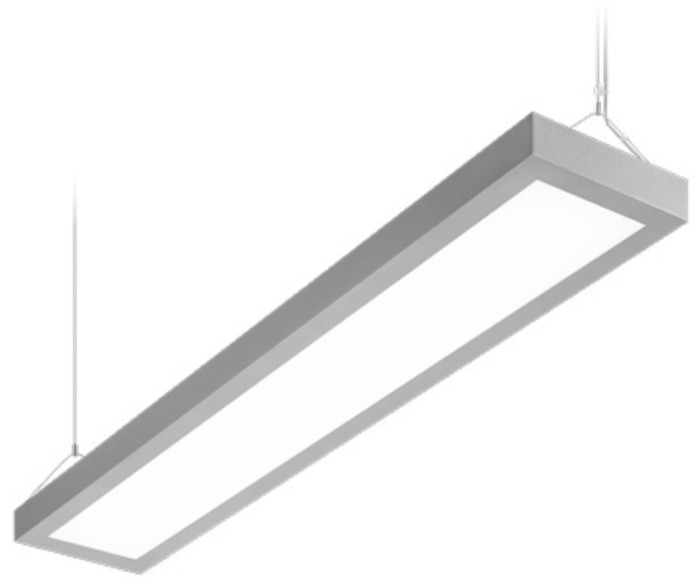
Tablo LED

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/a
Colour temperature [K]:	3000, 4000	**Diffuser type:**	n/a
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.



Doblo LED

max. 101 lm/W | IP20 | IK07 |

Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	36, 50	**Colour of the body:**	white, grey
Luminous flux range [lm]:	3550, 3850, 4950, 5350	**Diffuser material:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	suspended	**Dimensions A/B/C [mm]:**	1180/200/52

Features:

- Elegant design
- Solid steel powder-coated body
- Indirect light, decorative effect
- Aesthetic hanging system included
- High availability of this design
- Direct and indirect light

Indo PLX LED Evo

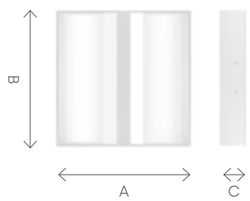
max. 100 lm/W | IP20 | IK07

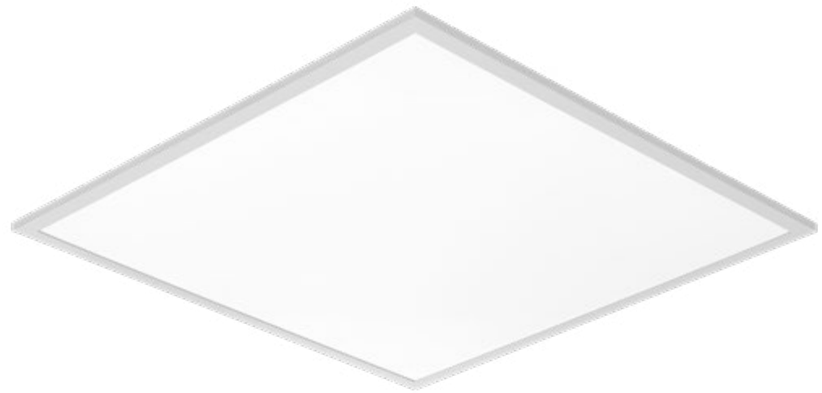
Available standard version and version with perforated diffuser

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





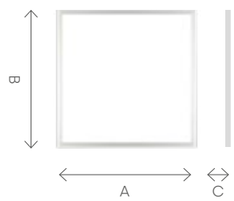
Plano LED Evo

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

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	54, 36, 30, 37, 44	**Colour of the body:**	white
Luminous flux range [lm]:	5700, 4000, 3000, 3700, 3200, 3600, 4400, 4800	**Diffuser material:**	PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
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



Vespo LED

max. 143 lm/W | IP44 | IK07 | I, II

Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	17, 27, 28, 34, 48, 50, 71	**Colour of the body:**	white
Luminous flux range [lm]:	2100 - 9800	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	PRM MAT, PRM
Mounting version:	surface	**Dimensions A/B/C [mm]:**	601/124/60, 1161/124/60, 1441/124/60

Features:

- High ingress protection
- 3 lengths, solid steel body
- Impact resistant diffuser
- Branded components
- Polish manufacturer – availability of spare parts

Vector 3 LED

max. 118 lm/W | IP40 | IK07 | I

Available Multi version with adjustable power and flux settings, and budget version VD with sequential driver

Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	16, 24, 32, 40, 48, 60	**Colour of the body:**	grey
Luminous flux range [lm]:	1950 - 6900	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	MAT
Mounting version:	surface	**Dimensions A/B/C [mm]:**	601/124/60, 1161/124/60, 1441/124/60

Features:

- Traditional design
- High uniformity of light SDCM ≤3
- Matte, evenly illuminated diffuser provides soft light
- 3 lengths, solid steel body
- IP40 ingress protection
- Polish manufacturer – availability of spare parts

Investment lighting

Downlights

BECAUSE LESS IS MORE MEET SQUARE AND ROUND

RQ 160/100 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 160/100 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 family

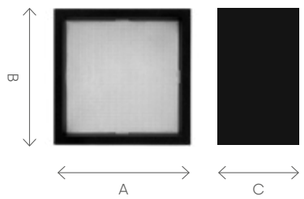
SQ 160 LED Plus

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]:	1800, 2200, 2050, 1700, 2100, 1900	**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)



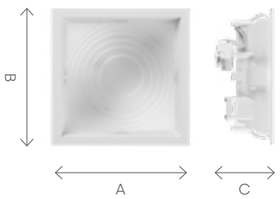
SQ 160 LED Plus

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



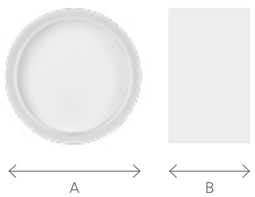
RQ 160 LED Plus

max. 117 lm/W | IP33 | IK08 | II

Light source:	LED module
Nominal power range [W]:	17
Luminous flux range [lm]:	1800, 2200, 2050, 1700, 2100, 1900
Colour temperature [K]:	3000, 4000
Mounting version:	surface
Material of the body:	ABS
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	MAT, PRM, OPAL
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



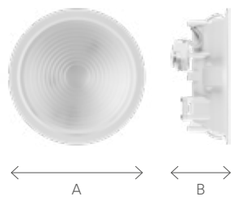
RQ 160 LED Plus

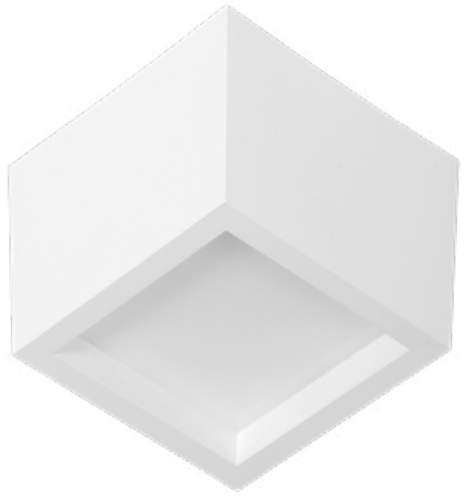
max. 95 lm/W | IP44/20 | IK10 | I

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

Features:

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





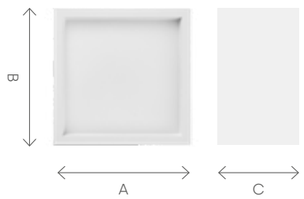
SQ 100 LED Plus

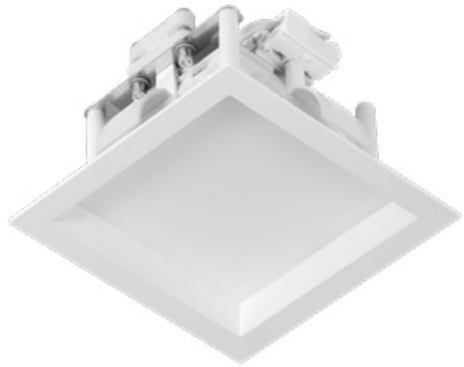
max. 102 lm/W | IP33 | IK08 | II

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	6	**Colour of the body:**	white
Luminous flux range [lm]:	630, 590	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	MAT
Mounting version:	surface	**Dimensions A/B/C [mm]:**	108/108/85

Features:

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





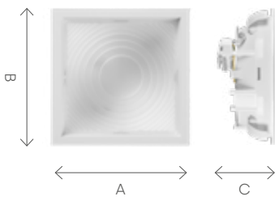
SQ 100 LED Plus

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

Light source:	LED module	**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/C [mm]:**	102/102/75

Features:

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



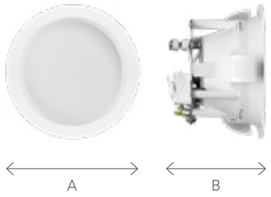
RQ 100 LED Plus

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

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	6	**Colour of the body:**	white
Luminous flux range [lm]:	630, 590	**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



Aplication of RQ 160 LED in corridor.

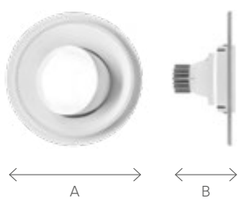
Swing LED Evo

max. 127 lm/W | IP40/IP20 | I

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	8, 12, 17, 21, 25, 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°



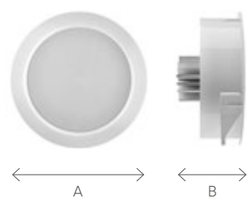
DL 220 LED Evo

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

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	10, 15, 21, 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



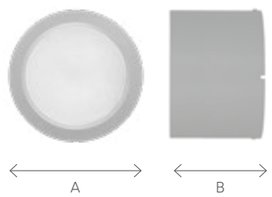
DLN 220 LED Evo

max. 122 lm/W | IP65 | IK08 | I

Light source:	LED module	**Material of the body:**	powder coated steel + ABS
Nominal power range [W]:	10, 15, 21, 28	**Colour of the body:**	grey, black
Luminous flux range [lm]:	1450-3450	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	PRM MAT, PRM
Mounting version:	surface	**Dimensions A/B [mm]:**	ø220/140

Features:

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



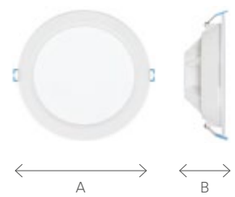
Nectra LED Plus

max. 126 lm/W | IP44 | IK08 | I,II

Light source:	LED module	**Material of the body:**	PC, aluminium
Nominal power range [W]:	5 - 25	**Colour of the body:**	white, black
Luminous flux range [lm]:	500 - 3450	**Diffuser material:**	PMMA
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	recessed	**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



Investment lighting

Bulkheads

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.

Dione LED family

05

different variants

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

04 **Dione LED Plus Asymmetric Multi**
Adjust power and luminous flux

05 **Dione LED**
Novelty standars & great value from money

IP**65**
Ingress protecion class

IK**10**
Impact protecion class

Quick mounting thanks to the functional construction and diffuser suspension system

Dione LED family

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.

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.

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

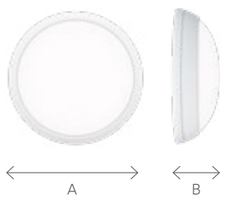
max. 106 lm/W | IP65 | IK10 | I,II

Available standard version Dione LED

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



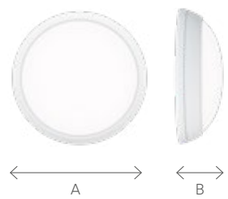
Dione LED Plus Multi

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



Dione LED Plus Asymmetric

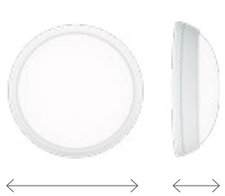
max. 105 lm/W | IP65 | IK10 |

Available multi version with adjustable power and flux settings

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, 2300, 3000, 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



Aplication of Dione LED family in office corridor.

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.

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.

Capella LED family

Capella LED Plus

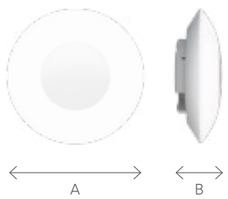
max. 105 lm/W | IP65 IP54 | IK07 IK06 | II

Available budget version Capella LED

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	11, 15, 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



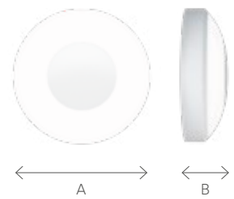
Capella LED Plus IoT

max. 94 lm/W | IP54 | IK07 IK06 | II

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	11, 15, 26	**Colour of the body:**	white
Luminous flux range [lm]:	950, 1020, 1400, 1500, 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



Proxima LED Evo Plus

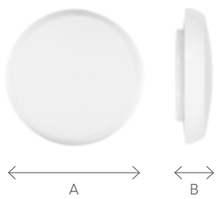
max. 107 lm/W | IP65/IP54 | IK10 |

Available standard version Proxima LED

Light source:	LED module	**Material of the body:**	PP, PP+T
Nominal power range [W]:	15, 21, 22, 28, 36	**Colour of the body:**	white
Luminous flux range [lm]:	1450 - 3950	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	surface	**Dimensions A/B [mm]:**	ø390/110

Features:

- High luminous efficacy
- Indirect light effect
- Large in size
- Highest impact resistance
- Very high ingress protection
- Branded components



Camea LED Evo 2

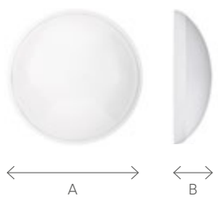
max. 90 lm/W | IP44 | IK10 ||

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



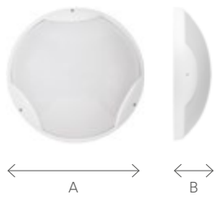
Camea Pro LED Evo

max. 99 lm/W | IP44 | IK10 | II

Light source:	LED module	**Material of the body:**	PP
Nominal power range [W]:	10, 11, 20	**Colour of the body:**	white
Luminous flux range [lm]:	1000 - 1900	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	surface	**Dimensions A/B [mm]:**	ø300/90

Features:

- Classic of the genre
- Anti-theft protection
- High ingress protection
- Easy assembly
- Ring in several colors
- High impact resistance



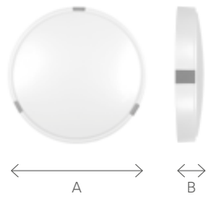
Phobos LED

max. 122 lm/W | IP20 | IK08 | I

Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	28 - 60	**Colour of the body:**	white,
Luminous flux range [lm]:	3250 - 7400	**Diffuser material:**	PMMA, PS
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL,
Mounting version:	surface	**Dimensions A/B [mm]:**	ø500/110

Features:

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



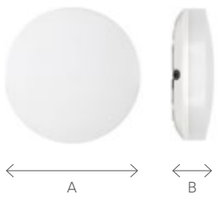
Gamma LED

max. 89 lm/W | IP54 | IK10 | II

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



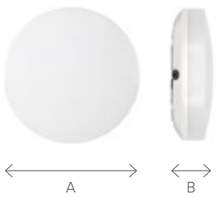
Gamma LED Basic

max. 110 lm/W | IP54 | IK10 | II

Light source:	LED module	**Material of the body:**	PP
Nominal power range [W]:	8, 10, 13	**Colour of the body:**	white
Luminous flux range [lm]:	800, 980, 1500	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	surface	**Dimensions A/B [mm]:**	ø220/72, ø280/72

Features:

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



Mercury LED

max. 94 lm/W | IP54 | IK10

Light source:	LED module	**Material of the body:**	PP
Nominal power range [W]:	8	**Colour of the body:**	white
Luminous flux range [lm]:	700, 750	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	surface	**Dimensions A/B [mm]:**	ø255/85

Features:

- Classic
- Increased ingress protection
- Decorational ring
- Small footprint
- Highest impact resistance

Deimos LED Plus

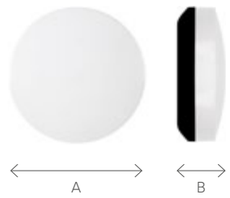
max. 115 lm/W | IP40 | IK02

Available budget version VD with sequential driver

Light source:	LED module	**Material of the body:**	HIPS
Nominal power range [W]:	12, 20, 26	**Colour of the body:**	white, black
Luminous flux range [lm]:	1400, 1500, 2200, 2350, 2850, 3100,	**Diffuser material:**	PMMA
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	surface	**Dimensions A/B [mm]:**	ø400/100

Features:

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



Saturn LED

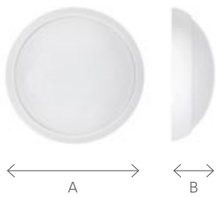
max. 98 lm/W | IP54 | IK10 | I,II

Available Saturn LED LC

Light source:	LED module	**Material of the body:**	PP
Nominal power range [W]:	9, 10, 14, 18	**Colour of the body:**	white, ring: gold, white, black, satin or silver colour
Luminous flux range [lm]:	800, 840, 870, 931, 1300, 1400, 1650, 1750	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	surface	**Dimensions A/B [mm]:**	ø335/110

Features:

- Classic
- Increased ingress protection
- Ring in several colors
- Many versions including anti-vandal
- Highest impact resistance
- Base and ring made of UV-resistant plastic



Coral LED Evo Plus

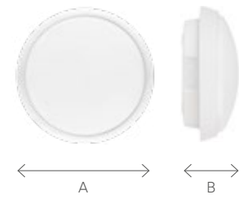
max. 86 lm/W | IP44 | IK10 | I

Available standard version Coral LED Evo

Light source:	LED module	**Material of the body:**	PP
Nominal power range [W]:	9	**Colour of the body:**	white
Luminous flux range [lm]:	740, 810	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	surface, recessed	**Dimensions A/B [mm]:**	ø260/108

Features:

- Simplicity
- Ring in several colors
- Possibility of through wiring
- Suspended mounting plate for easy assembly



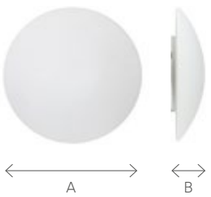
Callisto LED Evo

max. 116 lm/W | IP40 | IK03

Light source:	LED module	**Material of the body:**	Galvanized steel
Nominal power range [W]:	9, 15	**Colour of the body:**	grey
Luminous flux range [lm]:	960 - 1850	**Diffuser material:**	glass
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, OPAL MAT
Mounting version:	surface	**Dimensions A/B [mm]:**	ø260/103, ø305/103, ø305/114, ø365/103, ø365/114, ø420/103, ø420/114

Features:

- Classic design
- Unique Triplex glass diffuser
- Glass diffuser with shiny OPAL (soft light)
- Matt diffuser (soft light) finish
- Metal base
- Variety of sizes and powers



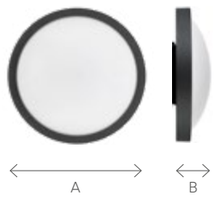
Teo LED

max. 91 lm/W | IP65 | IK10

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	15	**Colour of the body:**	graphite
Luminous flux range [lm]:	1550	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	OPAL
Mounting version:	surface	**Dimensions A/B [mm]:**	ø306/90

Features:

- Solid and durable construction
- Solid aluminium body
- Very high ingress protection
- High uniformity of light SDCM ≤3
- Highest impact resistance



Portal LED Basic

The bulkheads are especially dedicated to applications in residential constructions.

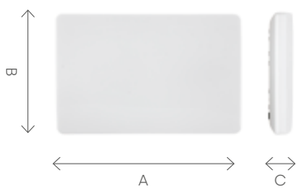
Portal LED Basic

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



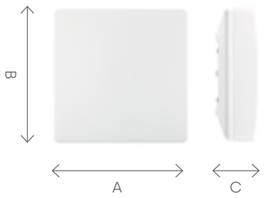
Square LED Basic

max. 89 lm/W | IP54 | IK08 ||

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	13	**Colour of the body:**	white
Luminous flux range [lm]:	1490	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	OPAL
Mounting version:	surface	**Dimensions A/B/C [mm]:**	260/260/60

Features:

- Classic, square design
- Diffuser: OPAL (soft light)
- Increased ingress protection
- Option: motion detector
- High impact resistance



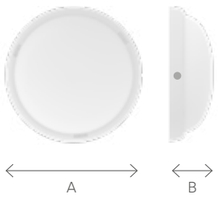
Vega LED

max. 103 lm/W | IP44 | IK08

Light source:	LED module	**Material of the body:**	PP
Nominal power range [W]:	7	**Colour of the body:**	white
Luminous flux range [lm]:	880, 920	**Diffuser material:**	glass
Colour temperature [K]:	4000	**Diffuser type:**	PRM, OPAL
Mounting version:	surface	**Dimensions A/B [mm]:**	ø239/95

Features:

- Classic design
- Glass diffuser
- Increased ingress protection
- Possibility of outside application IP44



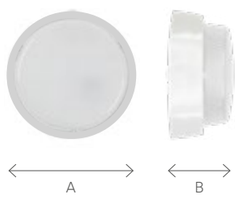
Point LED

max. 116 lm/W | IP44 | IK07

Light source:	LED module	**Material of the body:**	PP
Nominal power range [W]:	8	**Colour of the body:**	white
Luminous flux range [lm]:	770, 810, 850, 930	**Diffuser material:**	glass
Colour temperature [K]:	3000, 4000	**Diffuser type:**	PRM, OPAL
Mounting version:	surface	**Dimensions A/B [mm]:**	ø230/90

Features:

- Solid
- High ingress protection
- High energy efficiency
- Classic glass diffuser
- Increased impact resistance



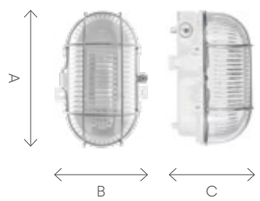
Oval LED

max. 83 lm/W | IP65 | IK10

Light source:	LED module	**Material of the body:**	PP
Nominal power range [W]:	2,5	**Colour of the body:**	white, grey
Luminous flux range [lm]:	210	**Diffuser material:**	glass
Colour temperature [K]:	3000, 4000	**Diffuser type:**	PRM
Mounting version:	surface	**Dimensions A/B/C [mm]:**	170/105/125

Features:

- Classic design
- Glass diffuser
- Easy assembly
- Increased impact resistance
- High ingress protection
- Duct luminaire



Oval LED Evo

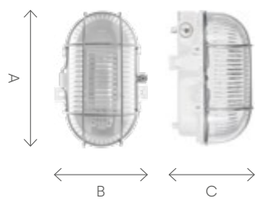
max. 102 lm/W | IP44 | IK06

Available version 24V

Light source:	LED module	**Material of the body:**	PP
Nominal power range [W]:	5	**Colour of the body:**	white, grey
Luminous flux range [lm]:	430, 470, 510, 530, 580, 620	**Diffuser material:**	glass, PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	PRM, OPAL
Mounting version:	surface	**Dimensions A/B/C [mm]:**	170/115/105, 170/105/110

Features:

- Classic design
- Glass diffuser
- Easy assembly
- Increased impact resistance
- Duct luminaire
- High ingress protection



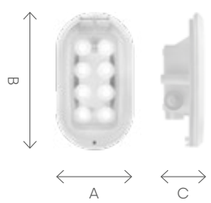
Oval LED Basic

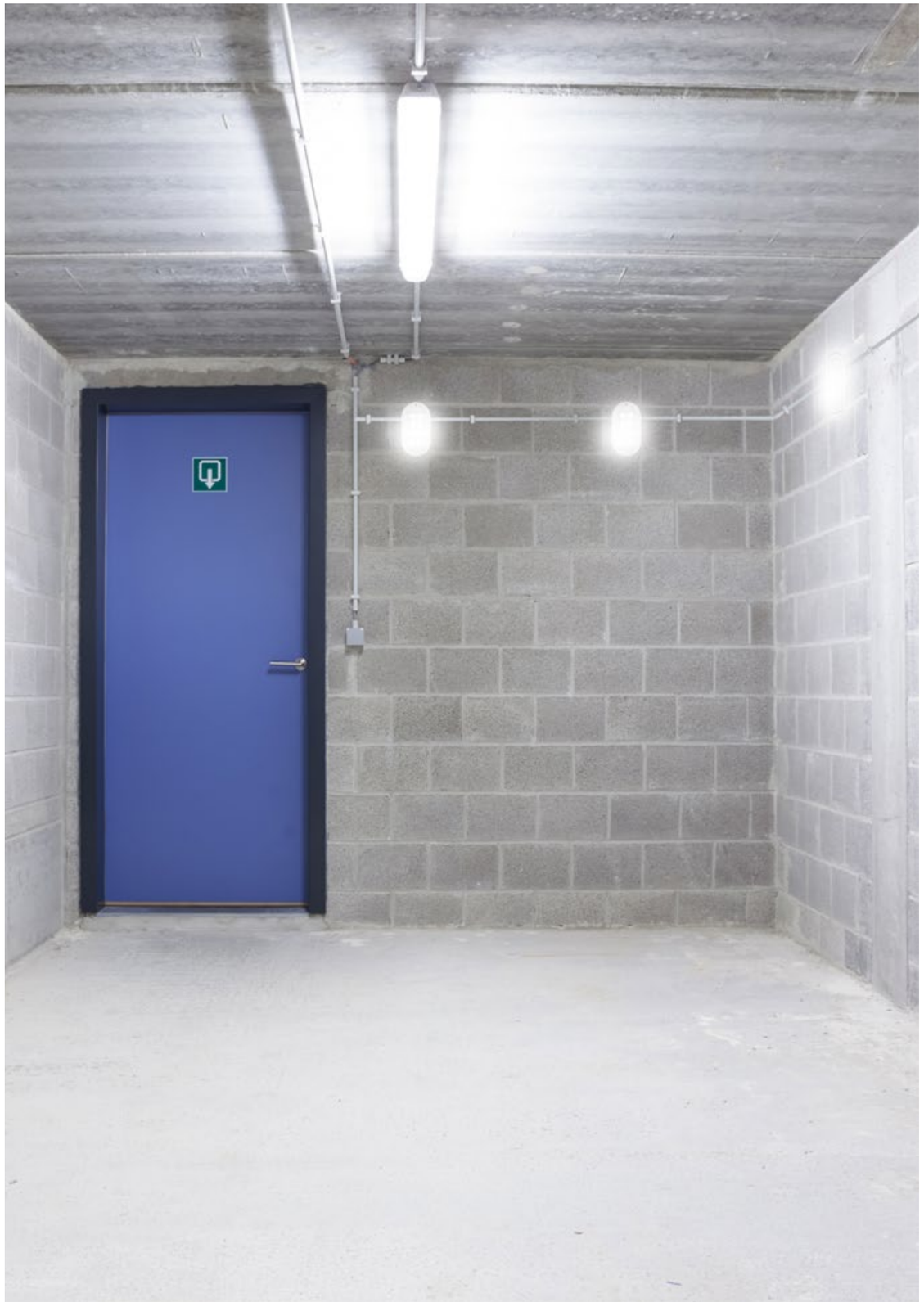
max. 82 lm/W | IP44 | IK10 | II

Light source:	LED module	**Material of the body:**	PC, PP
Nominal power range [W]:	3,4	**Colour of the body:**	white
Luminous flux range [lm]:	370	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	OPAL
Mounting version:	surface	**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





Aplication of Oval LED Basic in basement

Street lighting

Safely and always to the destination

Street and road luminaires of the Polish manufacturer Lena Lighting represent modern solutions, energy efficiency, durability and safety. They provide both effective and eye-catching lighting.

Our luminaires are characterised by:

- Excellent quality at a competitive price
- Design developed by our own R&D department
- Top quality branded components
- Efficiency up to 160 lm/W
- Power range from 18 to 228 W
- Luminous flux range from 1900 to 27300 lm
- Very high IP66 ingress protection
- SP10kV protection as standard
- IK07-IK09 impact resistance
- Wide range of light distribution
- ULOR = 0.0%

POLISH PRODUCT

Tiara LED family

The newest and most flexible items in our offer of road luminaires.

max. 160 lm/W | IP66 | IK09 | I, II

Tiara LED and Tiara LED Pro luminaires can be used on motorways, expressways as well as on national, municipal, local and residential roads. They can also be successfully used to illuminate pedestrian crossings, pavements and bicycle paths.

Tiara LED is a new generation of road luminaires. Designed from scratch, it introduces new solutions to improve light distribution and temperature balance, thus introducing new standards in road lighting. The luminaire uses directional lenticular matrices. Components of renowned manufacturers and new LED have an effect on very high luminous efficiency. The luminaire uses a solution that integrates the diffuser with the LED module.

The luminaire design allows for tool-free access to the electrical equipment compartment. The fitting has many improvements to facilitate and accelerate assembly: an independent body with an ergonomic suspension system of the light module; handle adjustable in increments: -5° to +15° (peak to pole); -15° to +5° (side to boom).

AVAILABLE OPTIONS:

- Motion sensor
- Compatible with the modern CLUE CITY control system (additional NEMA and ZHAGA connectors),

CLUE CITY compatibility

Tiara works with Clue City lighting control system, which provides intelligent lighting of roads and outdoor spaces.

Quick, innovative assembly

Tiara luminaire have tool-free access to the interior of the luminaire, which translates to its hassle-free maintenance.

More efficient LED

The use of even newer and more efficient LED diodes translates directly into greater energy efficiency of the lamp.

Solid construction

Tiara LED luminaires are designed from the highest quality materials. They are reliable and resistant to extreme weather conditions.

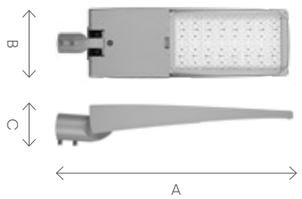
Tiara LED Pro

max. 159 lm/W | IP66 | IK09 | I,II

Light source:	LED module	**Material of the body:**	powder coated aluminium
Nominal power range [W]:	20 - 167	**Colour of the body:**	grey
Luminous flux range [lm]:	2700 - 20450	**Diffuser material:**	tempered glass, glass
Colour temperature [K]:	3000, 4000, 5700	**Diffuser type:**	transparent
Mounting version:	side, top, on the pole	**Dimensions A/B/C [mm]:**	665/122/262, 870/122/262

Features:

- The luminaire is ENEC, ENEC+ and CE certified
- A very wide range of light distribution
- Very high luminous efficiency
- Tool-free access to the electrical equipment compartment
- Possible to connect with the modern CLUE CITY control system (additional NEMA or ZHAGA connectors)
- Long LED lifetime – 100,000 h L90B10



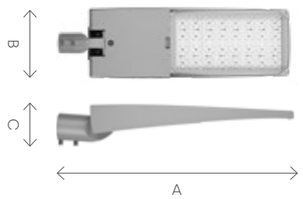
Tiara LED

max. 128 lm/W | IP6 | IK09 | I,II

Light source:	LED module	**Material of the body:**	powder coated aluminium
Nominal power range [W]:	18 - 228	**Colour of the body:**	grey
Luminous flux range [lm]:	1900 - 27300	**Diffuser material:**	tempered glass, glass
Colour temperature [K]:	3000, 4000, 5700	**Diffuser type:**	transparent
Mounting version:	side, top, on the pole	**Dimensions A/B/C [mm]:**	665/122/262, 870/122/262

Features:

- The luminaire is ENEC, ENEC+ and CE certified
- A very wide range of light distribution
- Very high luminous efficiency
- Tool-free access to the electrical equipment compartment
- Possible to connect with the modern CLUE CITY control system (additional NEMA or ZHAGA connectors)
- Long LED lifetime – 100,000 h L90B10



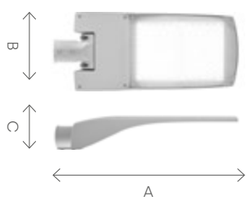
Corona Street LED Evo 2 Pro

max. 149 lm/W | IP65 | IK08 | I,II

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	20 - 107	**Colour of the body:**	grey
Luminous flux range [lm]:	2850 - 14750	**Diffuser material:**	glass
Colour temperature [K]:	3000, 4000, 5700	**Diffuser type:**	transparent
Mounting version:	side, top, on the pole	**Dimensions A/B/C [mm]:**	648/262/128

Features:

- High luminous efficiency
- Flexibility in the selection of power and luminous flux
- Very high ingress protection
- Very high impact resistance
- Solid body made of die-cast aluminium
- Long LED lifetime – 100,000 h L90B10



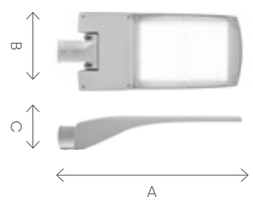
Corona Street LED Evo 2

max. 136 lm/W | IP65 | IK08 | I,II

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	18 - 155	**Colour of the body:**	grey
Luminous flux range [lm]:	2200 - 18550	**Diffuser material:**	glass
Colour temperature [K]:	3000, 4000, 5700	**Diffuser type:**	transparent
Mounting version:	side, top, on the pole	**Dimensions A/B/C [mm]:**	648/262/128

Features:

- High luminous efficiency
- Flexibility in the selection of power and luminous flux
- Very high ingress protection
- Very high impact resistance
- Solid body made of die-cast aluminium
- Long LED lifetime – 100,000 h L90B10



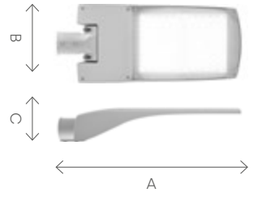
Corona Street LED Evo

max. 150 lm/W | IP66 | IK08 | I,II

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	30 - 100	**Colour of the body:**	grey
Luminous flux range [lm]:	3850 - 13250	**Diffuser material:**	glass
Colour temperature [K]:	3000, 4000, 5700	**Diffuser type:**	transparent
Mounting version:	side, top, on the pole	**Dimensions A/B/C [mm]:**	648/262/128

Features:

- Very high ingress protection
- Very high impact resistance
- Solid body made of die-cast aluminium
- The luminaire is ENEC and CE certified



Aplication of Corona Street LED Evo 2 in Środa Wielkopolska.

Astra LED family

Modern and economical street-parking lamps

max. 153 lm/W | IP66 | IK09 | I, II

Astra LED is a road lamp with high luminous efficiency and 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 lamp, it allows for quick installation. Recommended for use in open areas to illuminate: streets, local roads, bicycle paths, alleys, sidewalks, parking lots and squares.

IP66 ingress protection class and IK08 impact-rating features make this fitting extremely tight and shock-resistant (vandal-resistant).

Integrated, step-regulated grip allows to set the fitting by 5 degrees in the range of -5° to +15° (peak to pole); -5° to +15° (side to boom).

AVAILABLE OPTIONS:

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

Quick assembly

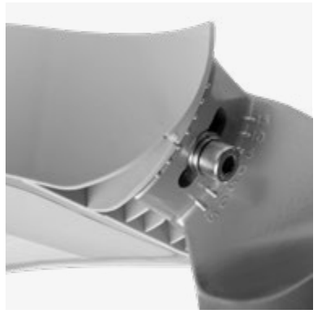
Thanks to the use of a tight quick connector and a power cable connected to the lamp, it allows for quick installation.

Self-cleaning

The self-cleaning, uniform body made of polypropylene (PP) with fibreglass (GF)

Efficient lens matrix

Astra uses directional lenticular matrices made of PMMA or PC, thanks to which it is possible to obtain a great light distribution.



Easy beam angle adjustment

Integrated, step-regulated grip allows to set the fitting by 5° in the range of: -5° to +15° (peak to pole), -5° to +15° (side to boom).

Astra LED

max. 153 lm/W | IP66 | IK08 | I,II

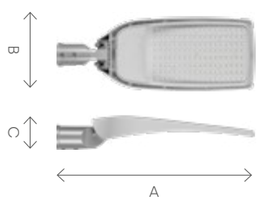
Available basic version and budget version
VD with sequential driver

Light source:	LED module
Nominal power range [W]:	17, 37, 52, 53, 68, 69, 98
Luminous flux range [lm]:	2100 - 12800
Colour temperature [K]:	3000, 4000, 5700
Mounting version:	side, top, on the pole

Material of the body:	PP+FG
Colour of the body:	grey
Diffuser material:	PC
Diffuser type:	matrix led, transparent
Dimensions A/B/C [mm]:	640/233/113

Features:

- Compact dimensions
- SP10kV surge protection as standard
- H07RN-F cable, 0.7 m long
- IP66 quick connector
- Energy saving



Astra LED 12-24V

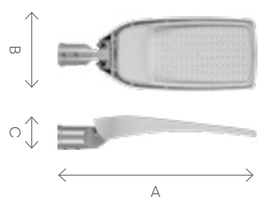
max. 151 lm/W | IP66 | IK08 | III

Light source:	LED module
Nominal power range [W]:	9 - 29
Luminous flux range [lm]:	1350, 1450, 2750, 2900, 4000, 4300, 5700
Colour temperature [K]:	3000, 4000
Mounting version:	side, top, on the pole

Material of the body:	PP+FG
Colour of the body:	grey
Diffuser material:	PC
Diffuser type:	matrix led, transparent
Dimensions A/B/C [mm]:	640/233/113

Features:

- Compact dimensions
- Protection class III
- H07RN-F cable, 0.2 m long
- IP66 quick connector



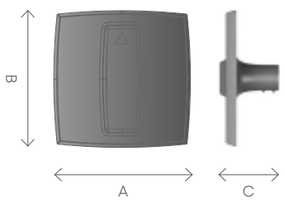
Mitra LED

max. 140 lm/W | IP66 | IK07 | I, II

Light source:	LED module	**Material of the body:**	PP+FG
Nominal power range [W]:	13, 22, 31, 44, 52, 62	**Colour of the body:**	grey
Luminous flux range [lm]:	1550 - 7050	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	transparent, frozen
Mounting version:	top - on the pole	**Dimensions A/B/C [mm]:**	398/398/175

Features:

- High impact resistance
- Two types of diffuser – opalescent and transparent
- The luminaire is CE certified
- Surge protection (SP10kV)
- H07RN-F cable, 0.6 m long, and IP66 quick connector



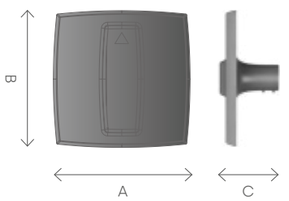
Mitra LED Basic

max. 92 lm/W | IP66 | IK07 | I

Light source:	LED module	**Material of the body:**	PP+FG
Nominal power range [W]:	26, 37, 51	**Colour of the body:**	grey
Luminous flux range [lm]:	2450, 2750, 3450, 3850, 4750, 5300	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	MAT
Mounting version:	top - on the pole	**Dimensions A/B/C [mm]:**	398/398/174

Features:

- High impact resistance
- Two types of diffuser – opalescent and transparent
- The luminaire is CE certified
- Surge protection (SP10kV)
- H07RN-F cable, 0.2 m long, and IP66 quick connector



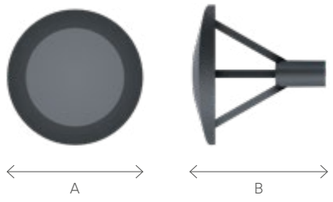
Leo Park LED

max. 130 lm/W | IP65 | IK07 | II

Light source:	LED module	**Material of the body:**	aluminium
Nominal power range [W]:	30, 40, 76, 88	**Colour of the body:**	graphite, silver
Luminous flux range [lm]:	3200, 3700, 4000, 4600, 9300, 11400	**Diffuser material:**	PMMA
Colour temperature [K]:	4000	**Diffuser type:**	transparent
Mounting version:	top - on the pole	**Dimensions A/B [mm]:**	ø400/430

Features:

- High impact resistance
- Three types of diffuser
- Round, compact aluminium housing
- The luminaire is CE certified
- Avaialble light distribution types: ASM1; RM2; SM1



Aplication of Leo Park LED.

Medical lighting

Good lighting makes everyone feel better

The interior climate and atmosphere depends on many factors. One of the most important is lighting, which can literally “transform” a room. The colour of the light and the size of the stream allows you to create an atmosphere of cosiness or austerity. It is the light that shapes the interior and affects our well-being.

Patients tend to choose a health care facility which will provide them with the best care. We provide the best state-of-the-art lighting which will increase work efficiency of medical staff and create an atmosphere conducive to patient recovery.

Choosing our dedicated LED luminaires:

- Block the development of pathogens thanks to silver ions (2%) in lamp body
- Decreases electricity consumption - guarantee of lower energy bills
- Increases work efficiency of medical staff
- Bolsters the well-being and recovery of patients in hospitals
- Helps the staff stay focused and increases accuracy and precision in laboratories
- Increases the body's efficiency and effectiveness of exercises in rehabilitation rooms
- Creates the right atmosphere in sanatoriums
- Ensures an adequate level of discretion and peace in hospices
- Supports peace and a homely atmosphere in retirement homes
- Professionally matched lighting helps the elderly lead an autonomous life

NEW

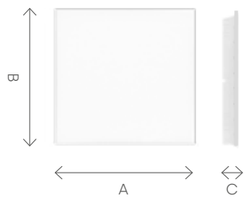
Compact LED Hygienic

max. 130 lm/W | IP65 | IP44 | IP20 | IK07 | I,II

Light source:	LED module	**Material of the body:**	ABS with the addition of silver ions (2%)
Nominal power range [W]:	22 - 65	**Colour of the body:**	white
Luminous flux range [lm]:	2700 - 7450	**Diffuser material:**	PC with the addition of silver ions (2%)
Colour temperature [K]:	4000	**Diffuser type:**	OPAL, PRM
Mounting version:	surface, recessed	**Dimensions A/B/C [mm]:**	620/620/66, 595/595/71

Features:

- Silver ions inhibiting the development of pathogens
- BIOMASTER certificate
- Ingress protection up to IP65
- For clean rooms



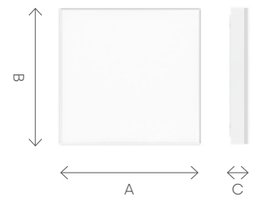
Compact LED Evo IP65

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

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	24 - 60	**Colour of the body:**	white
Luminous flux range [lm]:	2750-8100	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL, PRM
Mounting version:	surface	**Dimensions A/B/C [mm]:**	620/620/66

Features:

- Light
- Classic design
- Very high ingress protection



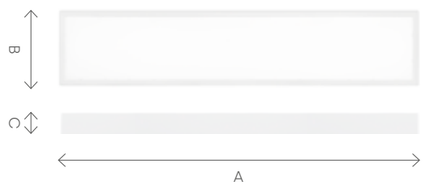
Compact LED Evo 1200 IP65

max. 117 lm/W | IP65 | IK07 | I

Light source:	LED module	**Material of the body:**	ABS
Nominal power range [W]:	25-58	**Colour of the body:**	white
Luminous flux range [lm]:	2900-7000	**Diffuser material:**	PC
Colour temperature [K]:	3000, 4000	**Diffuser type:**	OPAL
Mounting version:	suspended, surface	**Dimensions A/B/C [mm]:**	1195/250/69

Features:

- Light
- Classic design
- Very high ingress protection



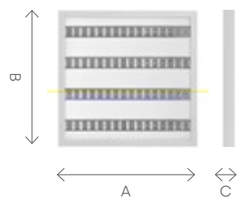
Labo LED

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

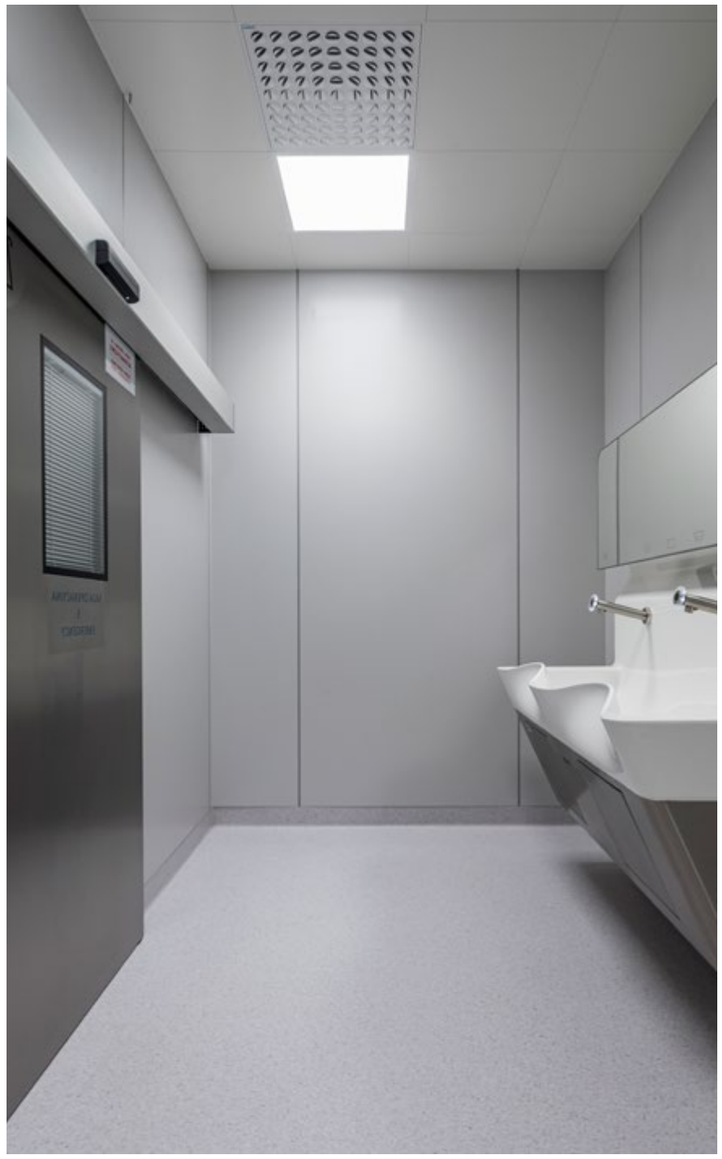
Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	32, 48	**Colour of the body:**	white
Luminous flux range [lm]:	2850-4400	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	OPAL, transparent
Mounting version:	suspended, surface	**Dimensions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



Labo & Compact LED



Greater Poland Children's Health Center in Poznań

Labo LED 1200x600

max. 74 lm/W | IP65 | IK07

Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power range [W]:	64-128	**Colour of the body:**	white
Luminous flux range [lm]:	5100-10250	**Diffuser material:**	PC
Colour temperature [K]:	4000	**Diffuser type:**	OPAL, transparent
Mounting version:	suspended, surface	**Dimensions A/B/C [mm]:**	1195/595/50, 1195/595/70

Features:

- Meets high requirements
- Very high ingress protection
- Optics: HE (limited glare) or OPAL (soft light) reflector
- Option: Ra>90
- Shatterproof diffuser
- Glare-reducing louvre luminaire

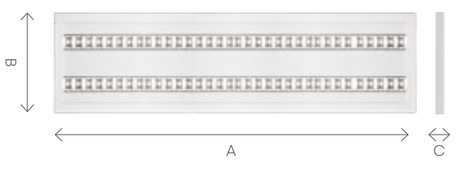
Labo LED 1200x300

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]:**	1195/295/50, 1195/295/70

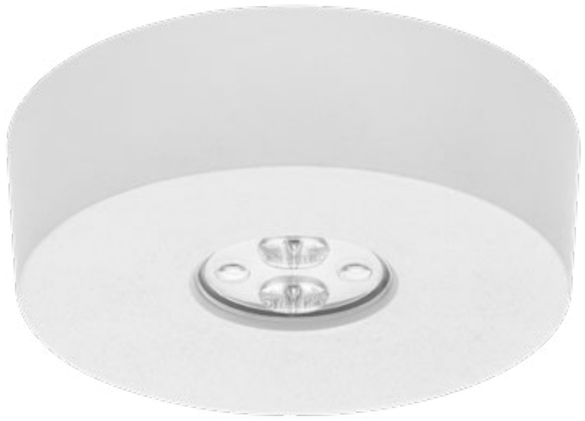
Features:

- 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



Investment lighting

Emergency lighting



Dot LED CS

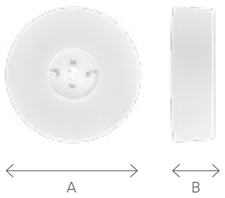
IP65 IK08 II

Light source:	LED module
Nominal power range [W]:	1, 2
Luminous flux range [lm]:	140, 260
Colour temperature [K]:	5000
Mounting version:	surface

Material of the body:	PC
Colour of the body:	white
Diffuser material:	PMMA
Diffuser type:	transparent
Dimensions A/B [mm]:	ø140/40

Features:

- Very high ingress protection
- 1- or 3-hour operating range auto-testing
- Auto-testing function
- 3 types of light distribution
- Autonomous emergency luminaire
- Two types: maintained (M) and non maintained NM



Dot LED CR

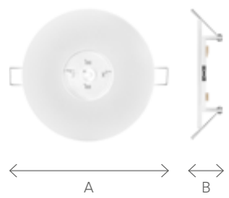
IP65 IK08 II

Light source:	LED module
Nominal power range [W]:	1, 2
Luminous flux range [lm]:	140, 260
Colour temperature [K]:	5000
Mounting version:	surface

Material of the body:	PC
Colour of the body:	white
Diffuser material:	PMMA
Diffuser type:	transparent
Dimensions A/B [mm]:	ø135/30

Features:

- Very high ingress protection
- 1- or 3-hour operating range
- Auto-testing function
- 3 types of light distribution
- Autonomous emergency luminaire
- Two types: maintained (M) and non maintained NM



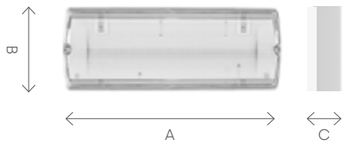
Lumax S LED

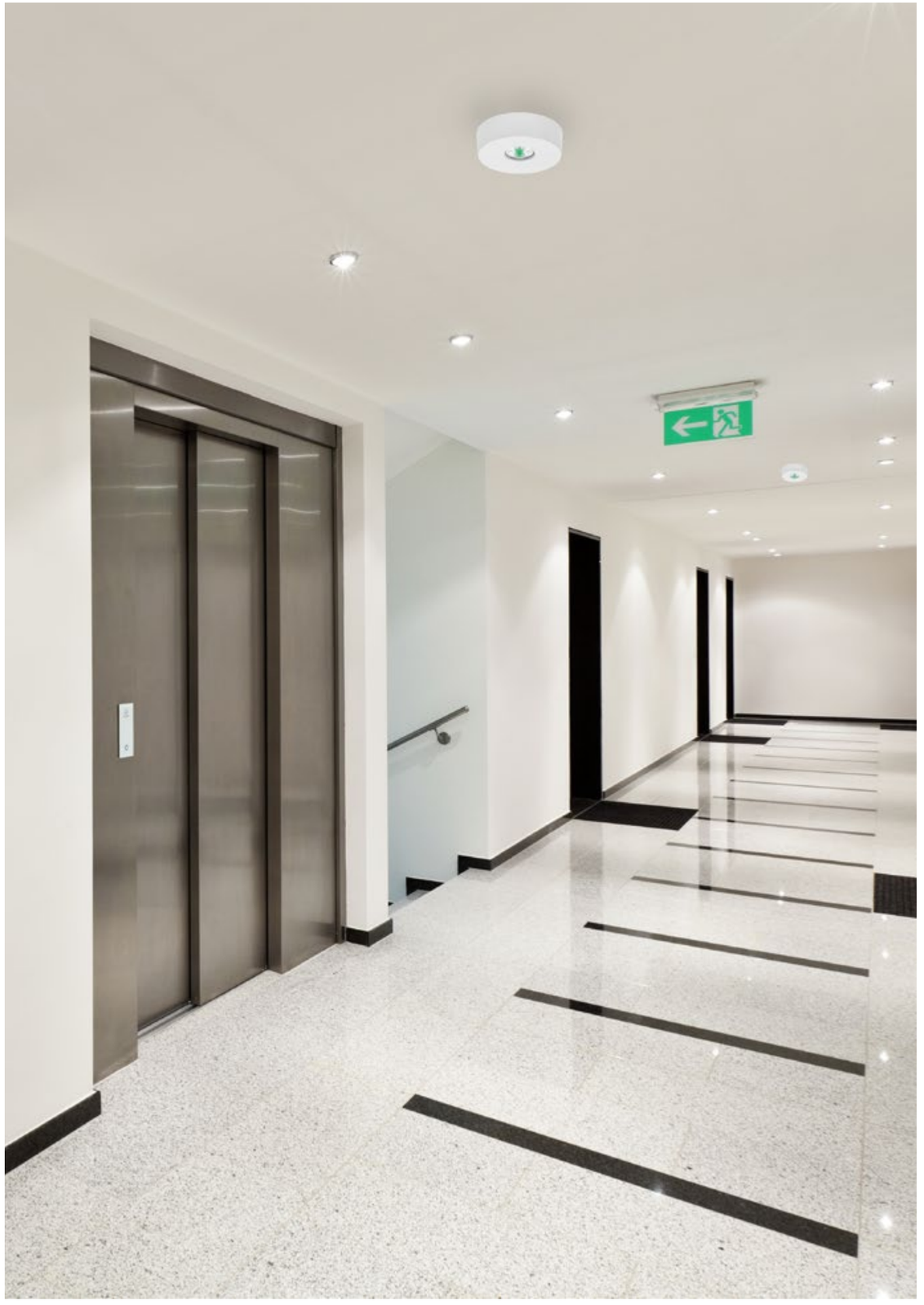
IP40 IK08 II

Light source:	LED module	**Material of the body:**	PC
Nominal power range [W]:	2	**Colour of the body:**	white
Luminous flux range [lm]:	250	**Diffuser material:**	PC
Colour temperature [K]:	5000	**Diffuser type:**	PRM
Mounting version:	surface	**Dimensions A/B/C [mm]:**	350/120/75

Features:

- Classic design
- Universal: maintained or non-maintained emmergency lighting
- Highly efficient LEDs and batteries
- Visibility of the sign - 20m





Aplication of Dot LED CS - corridor in an apartment building.

Intelligent light management system

Your Light
under control

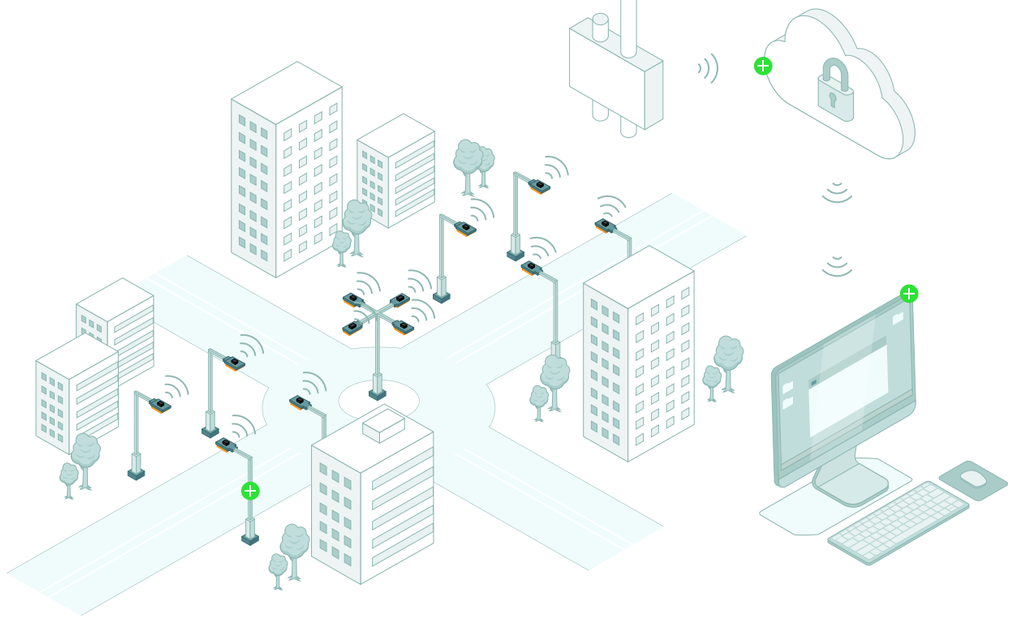
CLUE CITY is a technologically advanced system that remotely manages and controls road luminaires. Optimises energy efficiency and monitors the status of each luminaire.

Is intuitive, reliable and secure. Provides accurate real-time control of street lighting infrastructure. The cloud-based interface is available to the administrator 24/7 from any device connected to the Internet.

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

CLUE CITY enables:

- Remote luminaire management.
- Creating a luminaire working schedule and adjusting the light level in selected hourly intervals.
- Creating groups of luminaires, which facilitates the management of lighting in selected areas.
- Geolocation and visualisation of street luminaires on the map.
- Accurate measurement of energy consumption and its recording and archiving.
- Monitoring the working conditions of the light source and the driver.
- Monitoring the wear of LED components. The obtained data will keep the system administrator informed about a possible need to replace a luminaire, which translates into lower maintenance costs and significantly shortens the response time.
- Multi-level management of system users.



CLUE CITY operating diagram. Two-way communication and lighting management.

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 CLUEIN 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.

CLUEIN 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 CLUEIN 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.

Accessories - industrial lighting

Tytan LED Family

Tytan 2 LED 1450mm

2450lm 830 - lighting module	941856
2650lm 840 - lighting module	941375
2650lm 850 - lighting module	942358
4150lm 830 - lighting module	941863
4550lm 840 - lighting module	941382
4550lm 850 - lighting module	942365
7300/8400lm 830 - lighting module	941870
7850/9050lm 840 - lighting module*	941399
7850/9050lm 850 - lighting module	942372

Tytan 2 LED 1450mm

5250lm 830 - lighting module	941887
5650lm 840 - lighting module	941405
5650lm 850 - lighting module	942389
6550lm 830 - lighting module	941894
7050lm 840 - lighting module	941412
7050lm 850 - lighting module	942396
10500lm 830 - lighting module	941900
11300lm 840 - lighting module**	941429
11300lm 850 - lighting module	942402

Tytan 2 LED Basic 1150mm & 1450mm
Tytan 2 LED Basic Multi 1150mm

1150mm 3900lm 840 - lighting module	367267
1150mm 5850lm 840 - lighting module	367274
1150mm 6800lm 840 - lighting module	367281
1450mm 6250lm 840 - lighting module	367304
1450mm 10000lm 840 - lighting module	367298

Tytan 2 LED Chemo 1150mm & 1450mm

1150mm 4550lm 840 - lighting module	367311
1150mm 7850lm 840 - lighting module	367328
1450mm 11300lm 840 - lighting module	367335
1450mm 5650lm 840 - lighting module	367342

Tytan 2 LED Hall 1150mm & 1450mm

1150mm 8200lm 840 60D - lighting module	367106
1150mm 8250lm 840 70D - lighting module	367113
1150mm 8350lm 840 90D - lighting module	367120
1450mm 10200lm 840 60D - lighting module	367229
1450mm 10300lm 840 70D - lighting module	367236
1450mm 10400lm 840 90D - lighting module	367243

Tytan Multi LED / Tytan LED Pro 1150mm & 1450mm

1150mm 2500-4300lm 840 - lighting module	358937
1150mm 5000-8700lm 840 - lighting module	358944
1450mm 3150-5450lm 840 - lighting module	358951
1450mm 6300-10800lm 840 - lighting module	358968

Protective grid 1152 mm	907913
Protective grid 1432mm	907920
Adjustable handle (set of 2)	908200
Breathable gland grey M20*1.5 IP67	16000507
M16 stuffing box plug	60000006

* fits to: Tytan 2 LED Endura Plus 4750lm 840 / Tytan 2 LED Endura Plus 7050lm 840 / Tytan 2 LED Endura Minus 9050lm 840

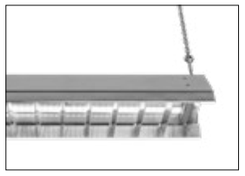
** fits to: Tytan 2 LED Endura Plus 8200lm 840 / Tytan 2 LED Endura Minus 11300lm 840

Industry IP66 LED

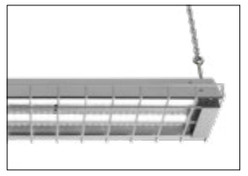
Adjustable handle (set of 2)	908200
Connector IP68 (Y)	800ML208

Industry 2 LED

Aluminium raster 1210mm	540011
Aluminium raster 1490mm	540004
Protective grid 1210 mm	541568
Protective grid 1490 mm	541254
Protective grid 1490 mm x 3	539992
Suspension cord for chain (pack of 2)	541247
Pendant hook on wire (pack of 2)	543944
Adjustable handle (set of 2)	908200



Aluminium raster



Protective grid

Suspension cord for chain

Pendant hook on wire

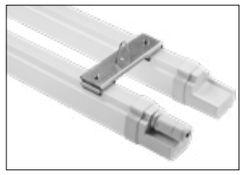
Linea 2 LED

840 mm cover	966330
Closing set	966323
LS2 5P blank module	966309
LS2 7P blank module	966316
LS2 5P blank module	966644
LS2 7P blank module	966651

Accessories - industrial lighting

Mimo 2 LED, Mimo 2 LED Basic

Double grip for suspended mounting	100673
Connector IP68 (Y)	800ML208
M16 stuffing box plug	60000006



Double grip for suspended mounting

Connector IP68

Oculus LED

Protective grid	964862
Surface mounting handle	964893
Universal bracket	964886
PIR sensor	963674
Motion and dusk sensor	964244

Oculus LED Mini

Protective grid	967030
Surface mounting handle	964893
Universal bracket	964886
PIR sensor	967047
Motion and dusk sensor	967054

Hulk 2 LED Basic

Protective grid	964862
Motion and dusk sensor	964244

Hulk 2 LED Basic Mini

Protective grid	967030
Motion and dusk sensor	967054

Quest 2 LED

Accessory for pole mounting	559921
Accessory for boom mounting 1000 mm	559938
Accessory for boom mounting 1500 mm	559969
Protective grid L	699962
Protective grid M	699979
Future stand tripod	000737

Accessory for pole mounting

Accessory for boom mounting

Protective grid

Future stand tripod

Quest 2 LED HB

Protective grid L	699962
Protective grid M	699979
Protective grid QUEST 2 LED HB (Big)	699948
Protective grid QUEST 2 LED HB (small)	699955

Accessories - office, architectural lighting

Baris 52 LED - suspensions

Power suspension (white)	318030
Power suspension (black)	318047
Power suspension (anodized)	318054
Dali power suspension (white)	318061
Dali power suspensiom (black)	318078
Dali power suspension (anodized)	318085
Suspension cord	318092

Universal suspensions

Suspension cord	171512
Electrical suspension cord (round box)	171505
Electrical suspension cord (square box)	171574
Safety suspension (modular ceiling) for Compact LED Evo (recessed version)	904349

Suspension cord

Electrical cord (round box)

Electrical cord (round box)

Mounting frames

Plasterboard recessing kit 630x630 mm for 595x95 mm luminaires	999543
Surface frame 600x600 mm for Plano LED Evo	552410
Surface frame 1200x300 mm for Plano LED Evo	552427

Brackets for plasterboard mounting

Plasterboard mounting brackets (4 pcs) for Compact LED Evo (recessed version)	630033
Plasterboard clip set (4pcs) for Plano LED Evo	552397

Coria LED - suspensions

Coria Hang set 1 fi 100 white	556647
Coria Hang set 1 fi 100 white dali	556661
Coria Hang set 1 fi 100 black	556654
Coria Hang set 1 fi 100 black dali	556678
Coria Hang set 2 fi 100 white	556685
Coria Hang set 2 fi 100 white dali	556708
Coria Hang set 2 fi 100 black	556692
Coria Hang set 2 fi 100 black dali	556715
Coria Hang set 3 fi 150 white	556722
Coria Hang set 3 fi 150 white dali	556746
Coria Hang set 3 fi 150 black	556739
Coria Hang set 3 fi 150 black dali	556753

Plano LED Evo - suspensions:

Hanging string set (4pcs)	552403

Accessories - street lighting

Steel holder	314049
Grey steel powder coated holder	314056
Mounting bracket Ø76 mm	UL00141

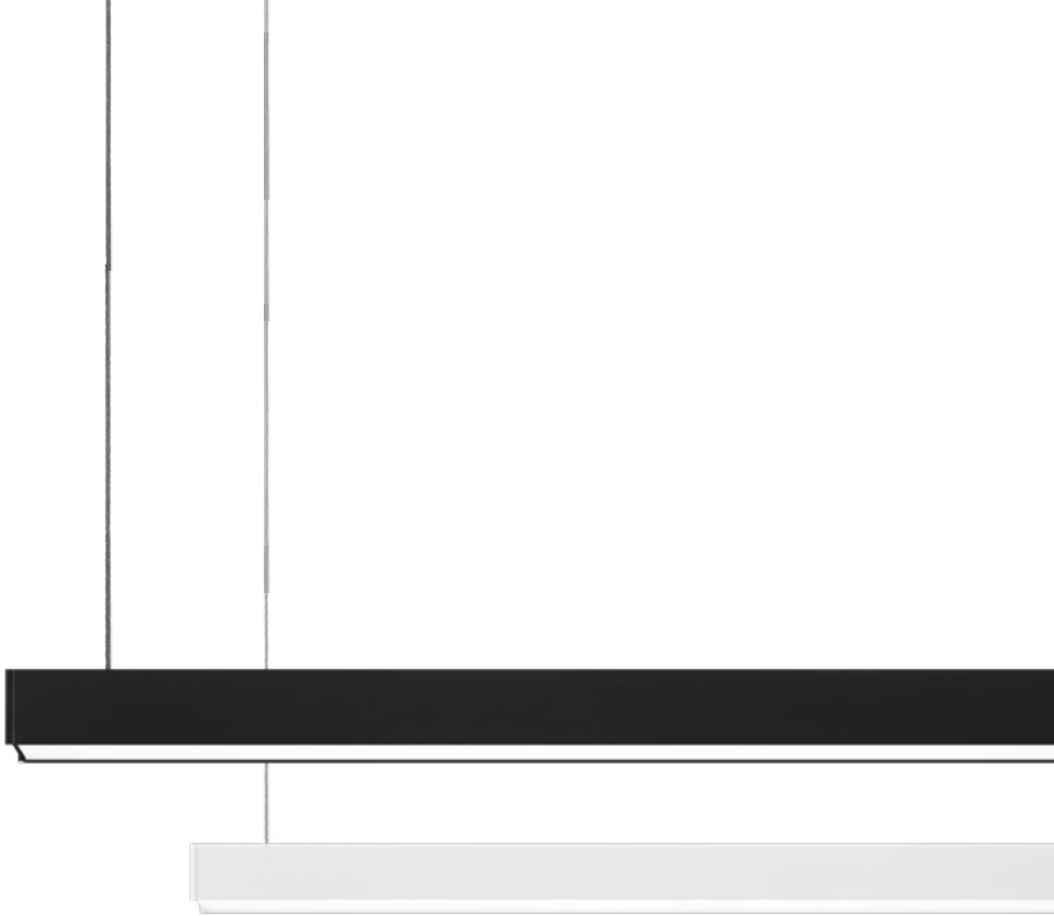
Steel holder

Grey steel powder coated holder

Mounting bracket Ø76 mm

Professional lighting design is on our side.

Offices: Środa Wielkopolska / Warsaw



Customers of Lena Lighting S.A. may at any time of the investment rely on the professional advice of our experts. We will not only support you in the selection of lighting concept and the products themselves, but we do visualizations and complimentary lighting projects using specialized computer software. We also prepare the analysis of cost-effectiveness and energy-saving Lighting.

Ready for your request

ECO
FRIENDLY

It really matters

We manufacture according to the highest environmental standards

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.

Since 1989

We create **the light together**

Środa Wielkopolska, Poland

LENA LIGHTING™

TRS-STAR

t.interieur

Interior lights – classic, timeless, functional

www.tinterieur.de

Headquarters | Sales · Marketing

Werner-von-Siemens-Str.
76297 Stutensee
T +49 7249 95222-115
licht@trs-star.com

Sales · Project Engineering

Schraderstraße 44
67227 Frankenthal
T +49 6233 347-125
licht@trs-star.com

Lighting · Sales Europe

Frank Werz
Depelopment, Planning and technical Sales
T +49 6233 347-125
werz@trs-star.com

Felix Werger
Technical Sales
T +49 6233 347-129
M +49 173 5667350
werger@trs-star.com

Jürgen Bortscheller
Sales
T +49 7249 95222-102
bortscheller@trs-star.com

Rüdiger Oswald Schmidt
Sales
T +49 6227 30900-79
M +49 152 53575843
schmidt@trs-star.com

Claus Rabensteiner
Sales
T +49 7144 5011866
M +49 171 5002595
rabensteiner@trs-star.com

The

LENA LIGHTING

lenalighting

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska, POLAND
tel. +48 (61) 28 60 300, e-mail: hello@lenalighting.pl

www.lenalighting.com