Professional lighting

LED Technology

THETA

High-performance ceiling-mounted or suspended luminaire with low glare (**UGR**<**19** / **UGR**<**16**), ideal for comfortable and professional lighting in schools, offices, and indoor environments.

TORY [Series]

Series of **HIGH-POWER** modular floodlights, offering an advanced solution for lighting large areas and sports facilities.

WARRANTY 5 YEAR *on all products*

Arcluce

Arcluce S.p.A. is an Italian company specialised in the design and manufacture of lighting solutions for both **indoor and outdoor applications.** Founded in 1989, it collaborates with architects, designers, and design studios worldwide, promoting a culture of quality and creativity that has always distinguished its products.

Over the years, the company has experienced steady growth, driven by its **continuous commitment to research** and development and **meticulous control** over the entire production process. From design to realisation, every stage is managed at its headquarters in San Zenone al Lambro, near Milan.

This blend of specialised expertise, innovation, and attention to detail translates into elegant and functional design products, capable of meeting the technical and aesthetic requirements of any project. All Arcluce products are crafted using state-of-the-art technologies and components of the highest quality, ensuring long-lasting **reliability and efficiency**.

CERTIFIED QUALITY
All Arcluce products undergo rigorous testing to ensure compliance with current regulations and adherence to the highest quality standards.

INNOVATION
With more than 35 years of experience, Arcluce has demonstrated its ability to evolve and innovate in response to technological advancements in the sector and the ever-changing demands of the market, creating new concepts and products.

KNOW-HOW
All Arcluce products undergo rigorous testing to ensure compliance with current regulations and adherence to the highest quality standards.
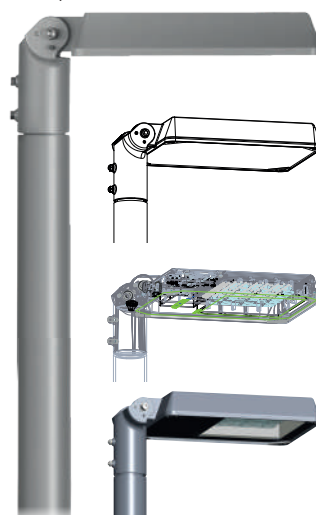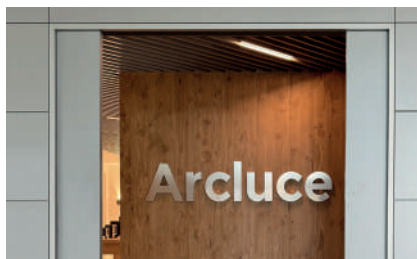
SHOWROOM

Specifically designed for industry professionals, the Arcluce showroom offers an interactive experience, enabling visitors to take a guided tour using a tablet. Products can be individually illuminated and dimmed, allowing for a full evaluation of their technical and structural characteristics.

Milan

CONSULTANCY

Arcluce provides comprehensive lighting consultancy, supporting designers, planners, and architects in identifying the most suitable solutions for the functional and environmental requirements of any project.
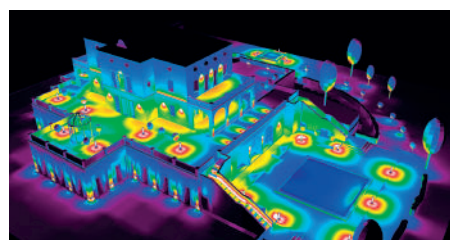
Its technicians use advanced software to create professional lighting designs and oversee every stage of the process, from the initial concept to installation.

Aerial view of the Arcluce facility in **San Zenone al Lambro** (MI).

Design
& Development

Arcluce designs, develops and engineering its own products within the Research & Innovation Office Development sited in San Zenone al Lambro (Milan, Italy). Investing in research, increasing own technical know-how in synergy with internal production departments, allows for rapid development to the ideas and ensure a complete product quality control final. Careful selection of subjects prime (such as aluminium and glass), the finishes (powder coating double layer), the components of level and numerous product tests final are essential requirements ensure that the quality standards.

Laboratory and testing

◼ IP TESTS

IP testing characterizes the resistance of the equipment to penetration of liquids and solids. This parameter is fundamental in the assess the suitability of a device to the context of the installation: in internal environment rather than outside, in a swimming pool rather than in a supermarket. The reference standard is EN 60529 (integrated with EN 60598).

◼ HEAT TESTS
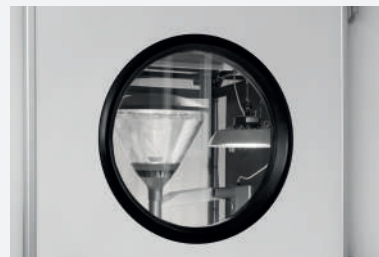
The reference standard, EN 60598, provides for several tests of durability and heating for the appliances. For this purpose, ARCLUCE has own one-chamber laboratories temperature controlled where they are perform the tests.

Design software and tools
DIALux

The software for lighting calculation.
Modern computers with the help of special software allow ex-ante verification of all the necessary technical parameters. Arcluce supports the lighting calculation program **DIALux** and provides main design tools.
Download the **DIALux plugin,** complete with the entire range of Arcluce devices for internal and external, directly on **arcluce.it**

Sustainable
for future applications

Allows integration, at cost virtually no functions advanced such as diagnostics, self-dimming o support for further Electronic boards to extend the functionality of the equipment.

LED lighting

The LED (Light Emitting Diode) is a light source working on the principle of electroluminescence: an electric current passing through a material composite, generates a roughly monochromatic light, generally blue.

The conversion into white light, which is given by the superposition of all colors, it is carried out by means of yellow phosphors, deposited above the LED.
The type and characteristics of phosphors define the properties of the emitted light.

Blue luminescence

phosphorescence

Wavelength in nanometers

Optical output power
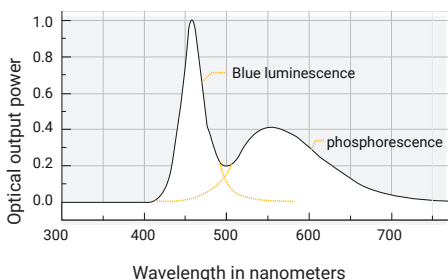
ELECTRONIC
- The latest generation of LEDs with top of the category;
- Drivers of the best suppliers with particular attention to durability, protection against overvoltages and harmonic distortions;
- Future-proof solutions to ensure high sustainability of the project.

The **benefits** of LEDs

In its lighting application, the LED has many advantages over traditional sources:

- **Much more efficient**: an order of the size of the water sources in incandescence, about twice the to fluorescents.Reduction of the number of appliances installed while obtaining the same illuminance;

- **It is four times longer** than a fluorescent source. Reduction of expensive replacement operations lamp;

- **Is flexible in intensity control light**. The LED does not need preheating and is able to deliver instantly its maximum power. In addition, its principle of operation allows very fast ON/OFF cycles which, properly modulated, can be provide the visual perception of a more or less intense light to the pleasure of the user;

■ IK TESTS

The resistance to shocks, characterized by from degree IK, is a parameter discrimination for eligibility to certain installation categories: for example in land-based rather than for a projector.
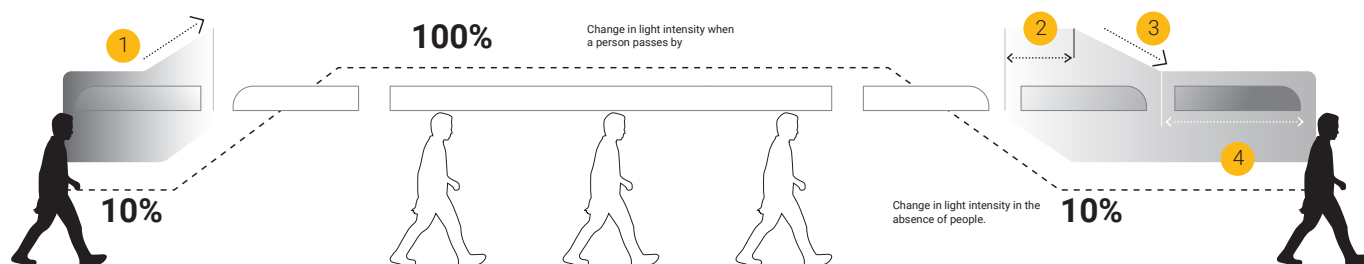The legislation reference is EN 62262.

■ RILIEVI FOTOMETRICI

To support lighting designers, Arcluce provides the photometric data of all its fixtures, produced under controlled conditions in its own laboratory according to the EN 13032 standard.

Glare UGR

The glare, which can be either direct or by reflection, is evaluated by the index UGR (Unified Glare Rating).
This index, which is not to the appliance itself but rather to the apparatus in the context of a installation, it is produced by a formula mathematics that takes into account photometry and body dimensions illuminants in conjunction with reflectance of the surrounding environment.
For more details, see the EN12464.

100%

Change in light intensity when a person passes by

10%

Change in light intensity in the absence of people.

10%

• **It is versatile in creating the light.**
The conversion into white light by using phosphors to generate a wide choice of white light optimizing the parameters from time to time more relevant. By way of example we may indicate colour temperature, the colour rendering index, gamut or the saturation of particular colours in function of the subject to be illuminated. In the phosphorous process in particular, in contrast to fluorescent or discharge sources, continuous
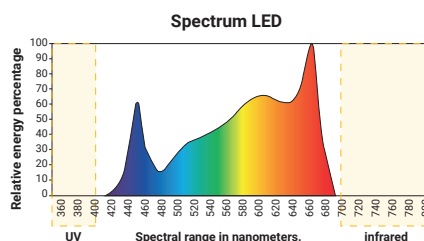
spectra can be obtained more similar to natural light and to return with fidelity a greater color range (Table: Source to comparison).

• **It is not harmful to illuminated subjects**. The limited spectrum of light generated by a LED is less aggressive, in fact it is at its UV radiation end, which may be harmful to humans and some materials, and infrared radiation that by heating the illuminated objects could degrade them. It is important to note that these spectrum components are not directly involved in the process vision (Table: LED spectrum).

Efficiency and lifespan of main light sources

Light Source	Efficiency lighting technology (lm/W)	service life (hours)
Glowing	15-20	1000
Halogen tungsten	12-23	from 2000 to 4000
Steam lamps mercury	40-60	12000
Compact fluorescent lamp	40-70	from 6000 to 12000
Fluorescent lamp	50-100	from 10000 to 16000
Induction lamp	60-80	from 60000 to 100000
High pressure sodium	80-100	from 12000 to 16000
LED	**80-160**	**from 50000 to 100000**

Energy optimization of low power LED drivers in indoor lighting - O. F. Farsakoglu, H. Y. Hasirci - JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS - Vol. 17, No. 5-6, May – June 2015, p. 816 - 821

Spectrum LED

Relative energy percentage

100 90 80 70 60 50 40 30 20 10

360 380 400 420 440 460 480 500 520 540 560 580 600 620 640 660 680 700 720 740 760 780 800

UV   Spectral range in nanometers.   infrared

Color Rendering Index (CRI)

The best known parameter for Assessing spectrum richness is the colour rendering index (CRI). It measure the capacity of a source of light to return the colors and comes calculated on the average of eight colour samples well defined.

Standard colours (for CRI calculations)   **Additional color**
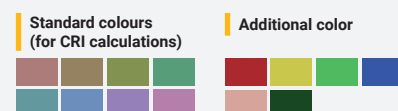
Commitment to Sustainability

Arcluce aligns with the guidelines of the 2030 Agenda for Sustainable Development, integrating principles of ecology and responsibility into every aspect of its activities. For the company, sustainability is not just an ethical value but a cornerstone of its business strategy, aimed at creating solutions that foster a brighter and more environmentally respectful future.

Eco-friendly Materials:
Arcluce products are designed with durable and recyclable materials, minimising environmental impact and promoting a low ecological footprint.

Energy Efficiency:
The company develops high-efficiency lighting systems that ensure superior performance while contributing to CO2 emissions reduction. These solutions are fully aligned with global goals to combat climate change.

Responsible Manufacturing Processes:
Arcluce's manufacturing processes are optimised to reduce waste and encourage material recycling, adhering to responsible consumption objectives.

Sustainable development

=

joint commitment.

■ **Urban Sustainability:**
Collaborating with architects and planners, Arcluce develops lighting solutions that comply with environmental regulations, contributing to the creation of sustainable spaces, both urban and natural.

■ **Sustainable Innovation:**
Investment in research and development enables the company to offer products that improve visual comfort, optimise energy efficiency, and respect the environment, combining innovation and sustainability.

With this integrated approach, Arcluce reaffirms itself as a responsible leader in the lighting sector, committed to achieving the highest standards of global sustainability.
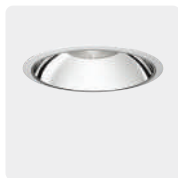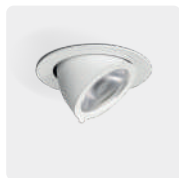
◼ INDOOR

◼ RECESSED SPOTLIGHTS
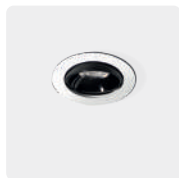
◼ TRACK & TRACK SPOTLIGHTS

◼ INDUSTRY

◼ WATERPROOF CEILING LUMINAIRES
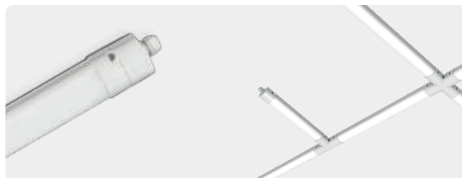
◼ INDUSTRIAL HIGH-BAY

INDOOR

HIGH-POWER

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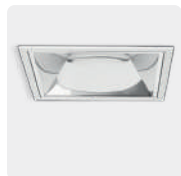
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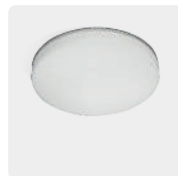
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For information about the products
in this catalog, please contact your
trusted retailer or email us at:
vendite@arcluce.it

INDUSTRY

GEO

WARRANTY 5 YEAR

Adjustable ± y 20°

B

A

UGR <19

CE | IP20 / IP23 | DALI | LOW FLICKER

Recessed hole: 75mm

GEO is an **adjustable recessed** tiltable luminaire that combines aesthetics, efficiency and durability. Its even and soft light beam makes it ideal for highlighting showcases and exhibits, always ensuring maximum visual comfort. The glossy black (or white) optics and le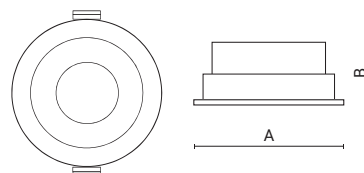ns will not only ensure performance, but also add elegance, making it the right choice for a variety of environments. Refined and versatile, GEO is designed for those **looking for quality** and **visual comfort solutions**.

CHARACTERISTICS

• Die-cast aluminum body and frame.
• UV-stabilized anti-yellowing powder coating.
• LED lenses made of optical technopolymer.
• Luminaire built in accordance with EN 60598-1 and EN 60598-2-2

INSTALLATION

• Recessed installation.
• Steel wire spring fastening with technopolymer cover.
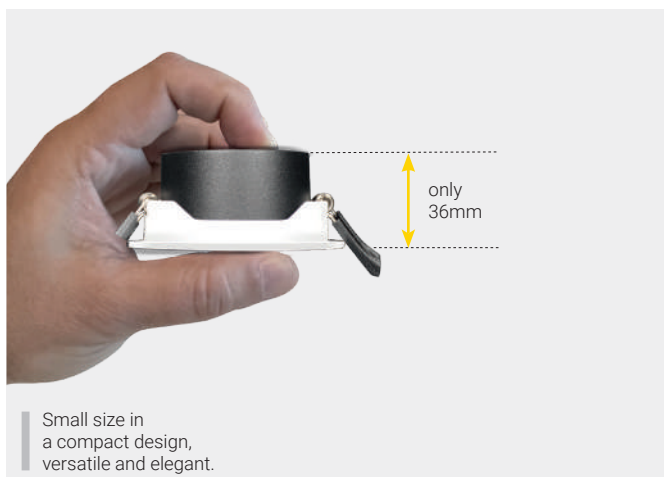
OPTIONAL WIRING: Available in version with **DALI (B)** wiring.

Also available with white frame or with black frame.

Available with reflector in black or white (glossy).

only 36mm

Small size in a compact design, versatile and elegant.

GEO is equipped with steel fixing springs and pre-wired drivers with useful length wire for convenient placement in the false ceiling.

GEO (version with BLACK reflector)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
flood 33° - AD	8W, 550lm	90/2700K	ON/OFF	83x36	**0320007A-927-11**
flood 33° - AD	8W, 600lm	90/3000K	ON/OFF	83x36	**0320007A-930-11**
flood 33° - AD	8W, 650lm	90/4000K	ON/OFF	83x36	**0320007A-940-11**

**Avaible in black colour ● (-12) with black optic

GEO (version with WHITE reflector)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
flood 33° - OR	8W, 550lm	90/2700K	ON/OFF	83x36	**0320008A-927-11**
flood 33° - OR	8W, 600lm	90/3000K	ON/OFF	83x36	**0320008A-930-11**
flood 33° - OR	8W, 650lm	90/4000K	ON/OFF	83x36	**0320008A-940-11**

LIGHTING DATA

Flood 33°

H (m)	Ø (m)	LUX (max)
1,00	0,60	1492
1,50	0,91	663
2,37	1,21	373
2,50	1,51	239
3,00	1,81	166

INDOOR

*Fixture data (measured).

LUMI

WARRANTY 5 YEAR

B

A

*DRIVER with Power selector (**LUMI5**)*

UGR <22

CE · IP20/IP43 · DALI · H · LOW FLICKER

Recessed hole:
| 80mm | 105mm | 130mm | 155mm | 200mm |
| LUMI1 | LUMI2 | LUMI3 | LUMI4 | LUMI5 |
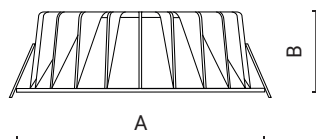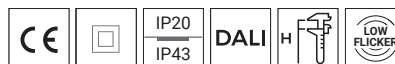
LUMI is a recessed ceiling luminaire that combines conventional design, high performance and extreme versatility. Suitable for professional lighting, it is produced in 5 different sizes. **UGR <22 glare protection**. Available with a convenient power selector switch for greater flexibility of use (LUMI5).

LUMI1
hole 80mm

LUMI2
hole 105mm

LUMI3
hole 130mm

LUMI4
hole 155mm

LUMI5
hole 200mm

CHARACTERISTICS

- Die-cast aluminum body.
- UV-stabilized anti-yellowing powder coating.
- High vacuum metallized polycarbonate reflector.
- LED lenses made of optical technopolymer.
- Luminaire built in accordance with EN 60598-1 and EN 60598-2-2

INSTALLATION

- Recessed installation.
- Fastening with steel springs.

OPTIONAL WIRING: Available in version with **DALI (B)** wiring.
EMERGENCY version available on other models upon request.

Driver with Power selector (**LUMI**5)

Side to open for power selector setting.

0338029A-940-11					
WATT	Lumen	Switch 1	Switch 2	Switch 3	Switch 4
18	2100	OFF	ON	OFF	OFF
25	2600	ON	OFF	OFF	OFF
33	3500	ON	ON	OFF	OFF
43	4400	ON	ON	ON	ON

The LUMI series has a sturdy body made of aluminum die-cast with wide finning for heat dispersion and strong hooks for optimal attachment to the ceiling.

LIGHTING DATA

Code: 0338003A — wide flood 45°

H (m)	Ø (m)	LUX (max)
1,00	0,84	1121
1,50	1,25	498
2,00	1,67	280
2,50	2,09	179
3,00	2,51	125

Code: 0338004A — wide flood 45°

H (m)	Ø (m)	LUX (max)
1,00	0,90	1820
1,50	1,40	810
2,00	1,80	460
2,50	2,30	290
3,00	2,80	200

Code: 0338005A — wide flood 45°

H (m)	Ø (m)	LUX (max)
1,00	0,90	2020
1,50	1,40	900
2,00	1,80	510
2,50	2,30	330
3,00	2,80	230

Code: 0338006A — wide flood 45°

H (m)	Ø (m)	LUX (max)
1,00	0,90	3030
1,50	1,40	1350
2,00	1,80	760
2,50	2,30	490
3,00	2,80	340

Code: 0338007A — wide flood 45°

H (m)	Ø (m)	LUX (max)
1,00	0,90	3830
1,50	1,40	1700
2,00	1,80	960
2,50	2,30	620
3,00	2,80	430

LUMI1

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 45°	9W, 800lm	90/3000K	ON/OFF	86x32	**0338003A-930-11**
wide flood 45°	9W, 900lm	90/4000K	ON/OFF	86x32	**0338003A-940-11**

LUMI2

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 45°	14W, 1300lm	90/3000K	ON/OFF	115x42	**0338004A-930-11**
wide flood 45°	14W, 1400lm	90/4000K	ON/OFF	115x42	**0338004A-940-11**

LUMI3

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 45°	20W, 2000lm	90/3000K	ON/OFF	141x51	**0338005A-930-11**
wide flood 45°	20W, 2100lm	90/4000K	ON/OFF	141x51	**0338005A-940-11**

LUMI4

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 45°	33W, 2900lm	90/3000K	ON/OFF	169x59	**0338006A-930-11**
wide flood 45°	33W, 3200lm	90/4000K	ON/OFF	169x59	**0338006A-940-11**

LUMI5

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 45°	43W, 4000lm	90/3000K	ON/OFF	218x71	**0338007A-930-11**
Power Selector Version					
wide flood 45°	43W, 4400lm	90/4000K	ON/OFF	218x71	**0338029A-940-11**
Version with Emergency Kit (SA - SE autonomy 1 hour)					
wide flood 45°	43W, 4400lm	90/4000K	ON/OFF-E	218x71	**0338029G-940-11**

ACCESSORIES

DESCRIPTION	Code
Compensation ring - 200mm inner Ø for holes up to 240mm.	**1099661X-11**

1099661X-11

INDOOR

LUMI-UGR

WARRANTY 5 YEAR

UGR <19
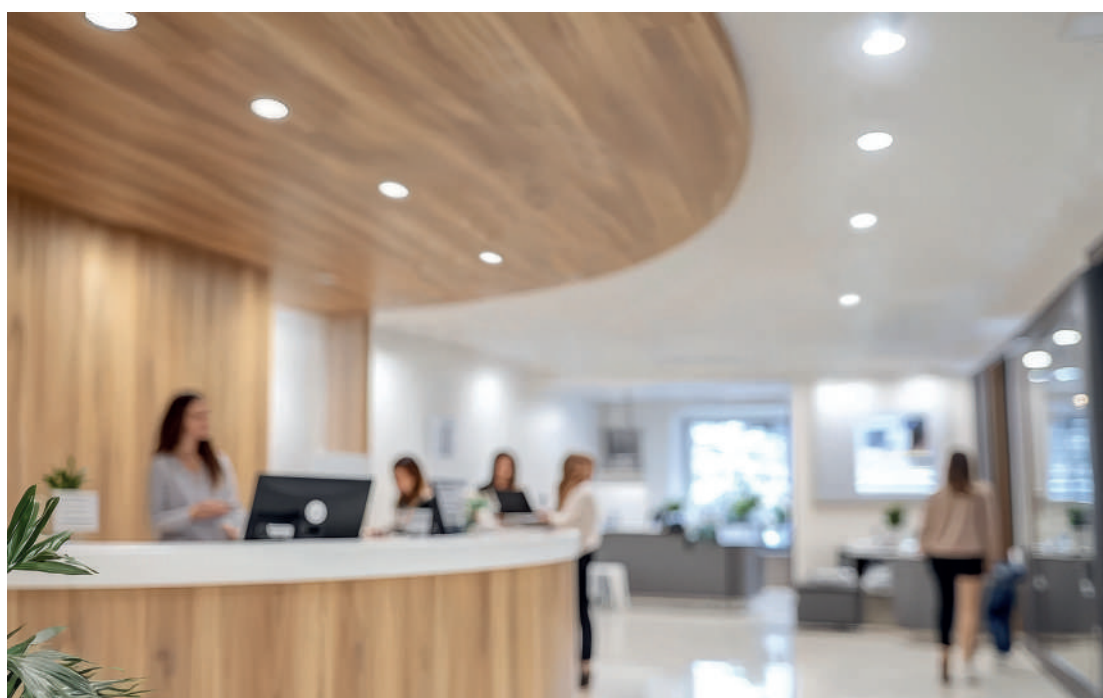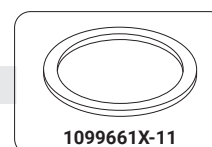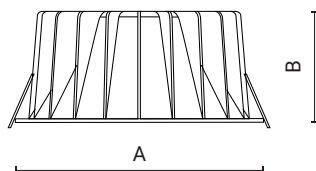
CE | | IP20 / IP23 | | DALI | LOW FLICKER | Suitable for use with visual display units

Recessed hole:
75mm | 90mm | 125mm | 165mm | 200mm

LUMI-UGR is a recessed ceiling luminaire designed to combine high-quality lighting and visual comfort. Available in 5 sizes, the **UGR<19 significantly reduced glare** is the perfect solution for all areas where light efficiency and visual comfort are of great importance, such as offices, showrooms, commercial spaces and other professional lighting needs.

LUMI-UGR1
hole 75mm

LUMI-UGR2
hole 90mm

LUMI-UGR3
hole 125mm

LUMI-UGR4
hole 165mm

LUMI-UGR5
hole 200mm

CHARACTERISTICS

- Die-cast aluminum body.
- UV-stabilized anti-yellowing powder coating.
- High vacuum metallized polycarbonate reflector.
- LED lenses made of optical technopolymer.
- Luminaire built in accordance with EN 60598-1 and EN 60598-2-2

INSTALLATION

- Recessed installation.
- Fastening with steel springs.

OPTIONAL WIRING: Available in version with **DALI (B)** wiring.
EMERGENCY version available on other models upon request.

The **LUMI-UGR** series is equipped with a specific reflector to reduce glare and maximize the lighting output.

All versions come complete with pre-wired drivers with useful length wire for convenient placement in the suspended ceiling.

LIGHTING DATA

Code: 00338023A — wide flood 54°

H (m)	Ø (m)	LUX (max)
0,50	0,52	5081
1,00	1,04	1270
1,50	1,56	565
2,00	2,07	318
2,50	2,59	203
3,00	3,11	141

Code: 00338024A — wide flood 54°

H (m)	Ø (m)	LUX (max)
0,50	0,51	8732
1,00	1,02	2183
1,50	1,54	970
2,00	2,05	546
2,50	2,56	349
3,00	3,07	243

Code: 00338025A — wide flood 54°

H (m)	Ø (m)	LUX (max)
0,50	0,54	10362
1,00	1,08	2590
1,50	1,62	1151
2,00	2,15	648
2,50	2,69	414
3,00	3,23	288

LUMI-UGR1

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 54°	12W, 1000lm	90/3000K	ON/OFF	86x55	**0338023A-930-11**
wide flood 54°	12W, 1100lm	90/4000K	ON/OFF	86x55	**0338023A-940-11**

LUMI-UGR2

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 54°	20W, 1600lm	90/3000K	ON/OFF	101x60	**0338024A-930-11**
wide flood 54°	20W, 1700lm	90/4000K	ON/OFF	101x60	**0338024A-940-11**

LUMI-UGR3

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 54°	26W, 2100lm	90/3000K	ON/OFF	140x73	**0338025A-930-11**
wide flood 54°	26W, 2200lm	90/4000K	ON/OFF	140x73	**0338025A-940-11**

LUMI-UGR4

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 60°	33W, 3200lm	90/3000K	ON/OFF	180x94	**0338026A-930-11**
wide flood 60°	33W, 3400lm	90/4000K	ON/OFF	180x94	**0338026A-940-11**

LUMI-UGR5

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 45°	40W, 3800lm	90/3000K	ON/OFF	214x110	**0338027A-930-11**
wide flood 45°	40W, 3900lm	90/4000K	ON/OFF	214x110	**0338027A-940-11**

Version with Emergency KIT (SE/SA - autonomy 1 hours)

wide flood 45°	40W, 3900lm	90/4000K	ON/OFF-E	214x110	**0338027G-940-11**

ACCESSORIES

DESCRIPTION	Code
Compensation ring - 200mm inner Ø for holes up to 240mm.	**1099661X-11**

1099661X-11

INDOOR

LUMI-OR

50°

B

A

WARRANTY 5 YEAR

CE | □ | IP20 | | DALI | 👁 | LOW FLICKER

Recessed hole:

102mm | 153mm | 180mm
LUMI-OR1 | LUMI-OR2 | LUMI-OR3

355°

50°
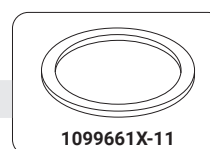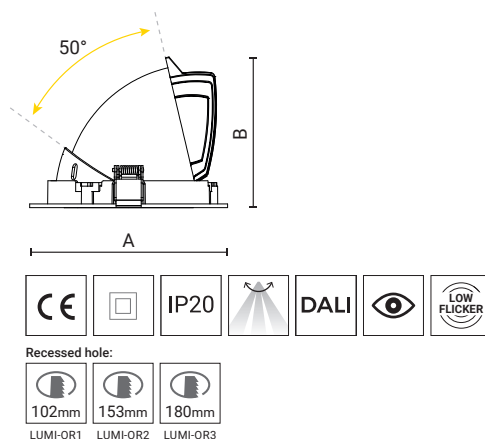
LUMI-OR is a series of adjustable recessed ceiling spotlights that combine high performance with elegant design. The three sizes of luminaires are adapted to the **different lighting needs** of **commercial spaces**. Thanks to advanced optics and a unique design, the LUMI-OR series luminaires can provide optimal visual comfort when illuminating vertical surfaces without compromising light quality.

LUMI-OR1
hole 102mm

LUMI-OR2
hole 153mm

LUMI-OR3
hole 180mm

CHARACTERISTICS

- Die-cast aluminum body and frame.
- UV-stabilized anti-yellowing powder coating.
- LED lenses made of optical technopolymer.
- Long LED service life: >50000h with L80.
- Luminaire built in accordance with EN 60598-1 and EN 60598-2-2

INSTALLATION

- Recessed installation.
- Fastening with steel springs.

OPTIONAL WIRING: Available in version with **DALI (B)** wiring.

Solid and sturdy structure with steel springs for stable and secure anchoring to the suspended ceiling.

LUMI-OR1

LUMI-OR2

LUMI-OR3

The LUMI-OR series is equipped with pre-wired drivers with useful length wire for practical placement in the false ceiling.

LUMI-OR1

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
medium 24°	15W, 1250lm	90/3000K	ON/OFF	110x84	**0338012A-930-11**
medium 24°	15W, 1300lm	90/4000K	ON/OFF	110x84	**0338012A-940-11**

LUMI-OR2

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 50°	33W, 2600lm	90/3000K	ON/OFF	169x116	**0338015A-930-11**
wide flood 50°	33W, 2700lm	90/4000K	ON/OFF	169x116	**0338015A-940-11**

LUMI-OR3

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 50°	43W, 3800lm	90/3000K	ON/OFF	187x140	**0338018A-930-11**
wide flood 50°	43W, 3900lm	90/4000K	ON/OFF	187x140	**0338018A-940-11**

INDOOR

LIGHTING DATA

Code: 0338012A-930 — medium 24°

H (m)	Ø (m)	LUX (max)
1,00	0,37	6759
2,00	0,73	1690
3,00	1,10	751
4,00	1,47	422
5,00	1,84	270

Code: 0338015A-930 — wide flood 50°

H (m)	Ø (m)	LUX (max)
1,00	0,53	465
2,00	1,06	116
3,00	1,60	52
4,00	2,13	29
5,00	2,66	19

Code: 0338018A-930 — wide flood 50°

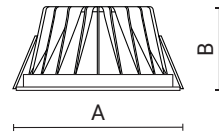| H (m)	Ø (m)	LUX (max)
1,00	0,95	5326
2,00	1,90	1331
3,00	2,85	592
4,00	3,80	333
5,00	4,75	213

50°
355°

ACCESSORIES

DESCRIPTION	Code
Compensation ring - inner Ø 180mm for holes up to 210mm.	**1099662X-11**
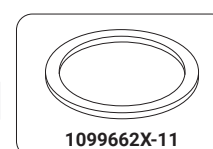
1099662X-11

LUMI-Q IP65

DRIVER with Power selector

WARRANTY 5 YEAR
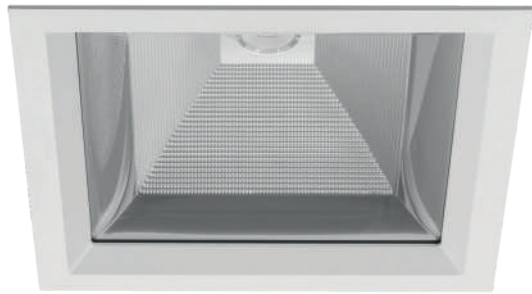
CE | □ | DALI | LOW FLICKER | IP20/IP65 | IP65/IP65 | Fully IP65 version available on request (fixture and driver).

Recessed hole:
110mm LUMI-Q1 | 145mm LUMI-Q2 | 200mm LUMI-Q3

LUMI-Q IP65 is the perfect solution for those looking for a recessed square luminaire that combines high performance, durability and design. It is available in three sizes and has **IP65 protection**, **is dust and splash water resistant**, making it ideal for indoor and outdoor lighting even in high humidity.

LUMI-Q1
hole 110mm
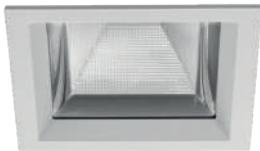
LUMI-Q2
hole 145mm
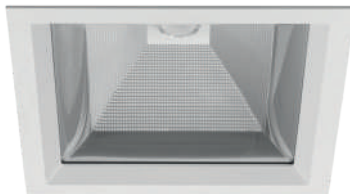
LUMI-Q3
hole 200mm

MAXIMUM DISSIPATION
The aluminum body and the large number of fins, help maintain an optimal operating temperature, preventing overheating and preserving the life of the light source.

CHARACTERISTICS
· Die-cast aluminum body and frame.
· UV-stabilized anti-yellowing powder coating.
· High vacuum metallized polycarbonate reflector.
· Tempered glass screen.
· Long LED service life: >50000h with L80.
· Luminaire built in accordance with EN 60598-1 and EN 60598-2-2

INSTALLATION
· Recessed installation.
· Fastening with steel springs.

OPTIONAL WIRING: Available in version with **DALI (B)** wiring.
On request fully IP65 version (luminaire and driver).

Driver with Power selector

Side to be opened for selector setting power.

PIN1	PIN2	LUMI-Q1		LUMI-Q2		LUMI-Q3	
Position		WATT	lm	WATT	lm	WATT	lm
OFF	OFF	20W	1950lm	27W	800lm	41W	4250lm
OFF	ON	18W	1755lm	on request		37W	3810lm
ON	OFF	14W	1365lm	on request		35W	3605lm
ON	ON	11W	1072lm	on request		27W	2780lm

The LUMI-Q series is equipped with metal cable glands to provide a higher degree of protection.

LUMI-Q1

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 62°	20W, 1850lm	90/3000K	ON/OFF	130x70	**0304000A-930-11**
very wide flood 62°	20W, 1950lm	90/4000K	ON/OFF	130x70	**0304000A-940-11**

LUMI-Q2

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 64°	27W, 2950lm	90/3000K	ON/OFF	165x80	**0304001A-930-11**
very wide flood 64°	27W, 3050lm	90/4000K	ON/OFF	165x80	**0304001A-940-11**

LUMI-Q3

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 76°	41W, 4150lm	90/3000K	ON/OFF	223x89	**0304002A-930-11**
very wide flood 76°	41W, 4250lm	90/4000K	ON/OFF	223x89	**0304002A-940-11**

LIGHTING DATA

Code: 0304000A — very wide flood 62°

H (m)	Ø (m)	LUX (max)
0,50	0,59	5474
1,00	1,18	1368
1,50	1,77	608
2,00	2,37	342
2,50	2,96	219
3,00	3,55	152

Code: 0304001A — very wide flood 64°

H (m)	Ø (m)	LUX (max)
0,50	0,64	10813
1,00	1,28	2703
1,50	1,92	1201
2,00	2,56	676
2,50	3,20	433
3,00	3,84	300

Code: 0304002A — very wide flood 76°

H (m)	Ø (m)	LUX (max)
0,50	0,75	12108
1,00	1,50	3027
1,50	2,25	1345
2,00	3,00	757
2,50	3,75	484
3,00	4,50	336

INDOOR

*Fixture data (measured).

TANTUM210

WARRANTY 5 YEAR

(high power recessed)

CE | □ | high lm/w | DALI | IP20/IP23 | IP20/IP44 | Only with simmetric glass

Recessed hole
215mm
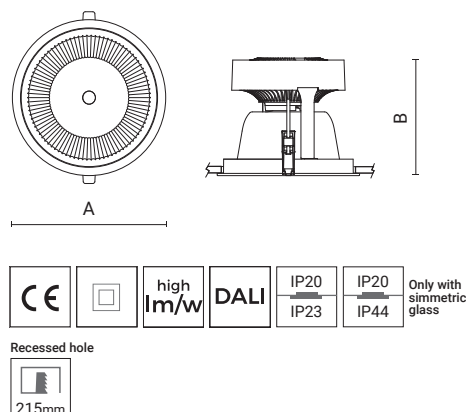
TANTUM210 is a powerful recessed ceiling light, available in a color frame and two color temperatures, designed to meet lighting needs with high ceilings. Suitable for use in shopping malls, airports, halls, car showrooms. It is characterized by **excellent performance** and **uniform**, **high-quality lighting** and contributes to improving the architecture and functionality of the premises.

CHARACTERISTICS

- Die-cast aluminum body and frame.
- UV-stabilized anti-yellowing powder coating.
- Anodized specular anodized aluminum reflector antiridescent.
- Tempered glass or polycarbonate screen.
- High-quality LED sources characterized according to IES TM-30 methodology, with high color consistency <3SDCM and long service life >60000 hours with L80.
- Luminaire built in accordance with EN 60598-1 and EN 60598-2-2

INSTALLATION

- Recessed installation.
- Fixing by means of technopolymer brackets.

Also available in version with CCT: **3000K (-830/-930)**
OPTIONAL WIRING: Available in version with **DALI (B)** wiring.

TANTUM210 - no glass - simmetric

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 56°	59W, 6300lm	80/4000K	ON/OFF	226x181	**0363072A-840-11**
wide flood 56°	85W, 8350lm	80/4000K	ON/OFF	226x181	**0363073A-840-11**
very wide flood 74°	59W, 6300lm	80/4000K	ON/OFF	226x181	**0363074A-840-11**
very wide flood 74°	85W, 8350lm	80/4000K	ON/OFF	226x181	**0363075A-840-11**

TANTUM210 - with glass - simmetric

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 81°	59W, 4950lm	80/4000K	ON/OFF	226x174	**0363076A-840-11**
ultra wide flood 81°	85W, 6550lm	80/4000K	ON/OFF	226x174	**0363077A-840-11**

LIGHTING DATA

Code: 0363073A
molto diffondente 56°

H m	Ø m	lux
1,00	1,05	10367
2,00	2,11	2592
3,00	3,16	1152
4,00	4,22	648
5,00	5,27	415
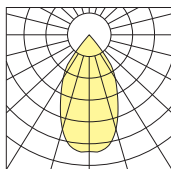
Code: 0363075A
ultra diffondente 74°

H m	Ø m	lux
1,00	1,50	6846
2,00	2,99	1712
3,00	4,49	761
4,00	5,98	428
5,00	7,48	274
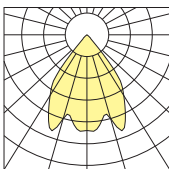
Code: 0363077A
ultra diffondente 81°

H m	Ø m	lux
1,00	1,71	4140
2,00	3,42	1035
3,00	5,12	460
4,00	6,83	259
5,00	8,54	166

*Fixture data (measured).

INDOOR

QUANTUM210

WARRANTY 5 YEAR

(high power recessed)

A

B

CE

high lm/w DALI IP20 / IP23

Recessed hole
215mm
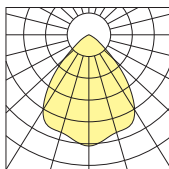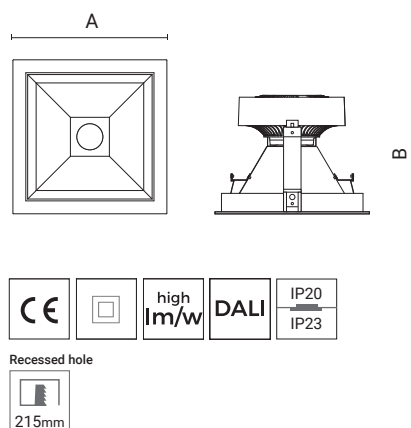
QUANTUM210 is a powerful recessed square light, designed to ensure excellent and balanced lighting. The elegantly designed light is ideal for large rooms and spaces **with high ceilings**, **ensuring uniform**, **regulatory-compliant lighting**. A reliable solution for sustainable modern projects.

CHARACTERISTICS

- Die-cast aluminum body and frame.
- UV-stabilized anti-yellowing powder coating.
- Anodized specular anodized aluminum reflector antiridescent.
- High-quality LED sources characterized according to IES TM-30 methodology, with high color consistency <3SDCM and long service life >60000 hours with L80.
- Luminaire built in accordance with EN 60598-1 and EN 60598-2-2

INSTALLATION

- Recessed installation.
- Fixing by galvanized steel brackets.

Also available in version with CCT: **3000K (-830)**
OPTIONAL WIRING: Available in version with **DALI (B)** and **BLE (T)** wiring.

QUANTUM210

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 72°	59W, 5350lm	80/4000K	ON/OFF	226x205	**0367005A-840-11**
very wide flood 72°	85W, 7050lm	80/4000K	ON/OFF	226x205	**0367006A-840-11**

LIGHTING DATA

Code: 0367005A

very wide flood 72°		
1,00	1,46	3831
2,00	2,92	958
3,00	4,38	426
4,00	5,83	239
5,00	7,29	153
H m	**Ø m**	**lux**
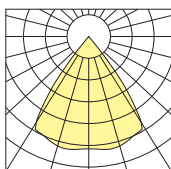
Code: 0367006A

very wide flood 72°		
1,00	1,45	5050
1,50	2,20	2245
2,00	2,95	1265
2,50	3,70	810
3,00	4,40	560
H m	**Ø m**	**lux**

*Fixture data (measured).

XENON

WARRANTY 5 YEAR

B

A

C

CE | □ | IP65 | IK08 | CCT SELECTOR | 🚶
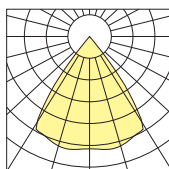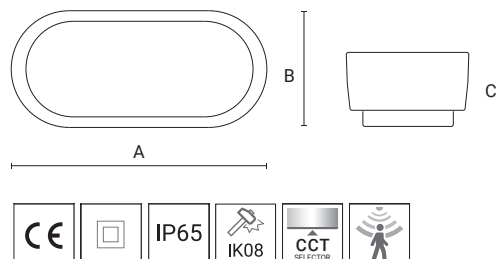
Universal light, designed for ceiling or wall mounting. Features a simple oval-shaped functional design. It is equipped with **advanced technologies**, including a **CCT selector**, **motion** and **twilight sensors**, ensuring smart and autonomous light control. Available in white and black body colors. There is an option to use a unidirectional accessory for partial light shielding.

XENON
Also available in black.

XENON
Version available with motion and twilight sensor.

CHARACTERISTICS
- Polycarbonate body and diffuser
- Integrated driver
- Long LED lifespan: >30,000 hours
- Fixture constructed in compliance with EN 60598-1 and EN 60598-2-1 standards

INSTALLATION
- Quick installation via bracket, without opening the ceiling light.
- Wall or ceiling installation.

XENON with CCT Selector

Thanks to the CCT Selector, XENON is much more versatile than other similar products.

This option allows you to:
- Reduce the storage space occupied by the same product in multiple variants by a third;
- Manage customer changes even after installation, by simply adjusting a setting;
- Significantly reduce stock levels, minimizing the purchase of numerous variants of the same product.
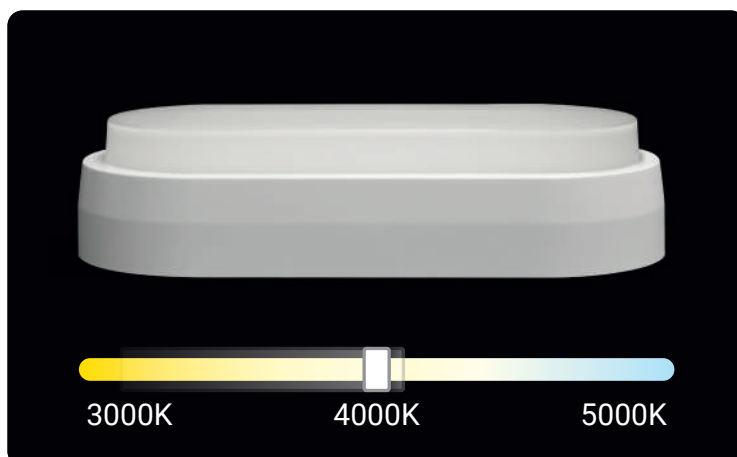
3000K   4000K   5000K

XENON CCT - Versions with CCT Selector for 3000K, 4000K, 5000K

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
WHITE					
ultra wide flood 120°	12W, 1250lm	80/Selettore	ON/OFF	230x110x60	**0206000A-11**
BLACK					
ultra wide flood 120°	12W, 1250lm	80/Selettore	ON/OFF	230x110x60	**0206000A-12**

XENON SNS - Versions with CCT Selector for 3000K, 4000K, 5000K + Motion and Twilight Sensor

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
WHITE					
ultra wide flood 120°	12W, 1250lm	80/Selettore	ON/OFF-SNS	230x110x60	**0206001S-11**
BLACK					
ultra wide flood 120°	12W, 1250lm	80/Selettore	ON/OFF-SNS	230x110x60	**0206001S-12**

ACCESSORIES

DESCRIPTION	Code
White frame	**1099607X-11**
White eyelid frame	**1099608X-11**
Black eyelid frame	**1099608X-12**
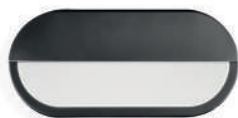
1099608X-12

The eyelid frame accessory helps reduce glare by directing light only downward. It is only compatible with CCT versions (not suitable for SNS versions with motion sensor).
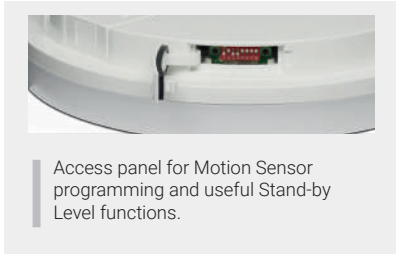
INDOOR

LIGHTING DATA

ultra wide flood 125°

H (m)	Ø (m)	LUX (max)
0,50	1,69	1308
1,00	3,38	327
1,50	5,07	145
2,00	6,76	82
2,50	8,45	52
3,00	10,15	36

*Fixture data (measured).

DORA

WARRANTY
5
YEAR

A

B

CE ▢ IP44 IP54 IK08 CCT SELECTOR

EMERGENCY Version
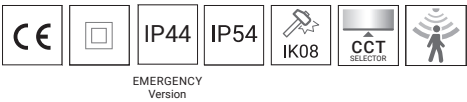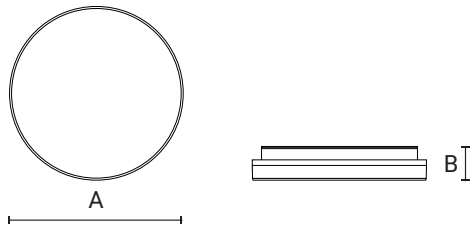
Universal round luminaire series, available in four different sizes, suitable for wall or ceiling mounting. Integrated **CCT selector**, **emergency power supply insert**, **motion** and **twilight sensors**, ensure individually adjustable and efficient lighting that meets many lighting design requirements. Characterized by soft and diffused light.

Quick fastening thanks to the practical bracket with push-fit release/attachment system.

External wiring, no need to open the device.

Access panel for Motion Sensor programming and useful Stand-by Level functions.

CHARACTERISTICS
- Polycarbonate body and diffuser.
- Integrated driver.
- Long LED lifespan: >30,000 hours.
- Fixture constructed in compliance with EN 60598-1 and EN 60598-2-1 standards.

INSTALLATION
- Quick installation via bracket, without opening the ceiling light.
- Wall or ceiling installation.

LIGHTING DATA

Code: 0203003A — ultra wide flood 115°

H (m)	Ø (m)	Lux (max)
1,00	3,00	450
1,50	5,00	200
2,00	6,00	120
2,50	8,00	70
3,00	10,00	50

Code: 0203004A — ultra wide flood 115°

H (m)	Ø (m)	Lux (max)
1,00	3,00	670
1,50	5,00	300
2,00	6,00	170
2,50	8,00	110
3,00	10,00	75

Code: 0203005A — ultra wide flood 115°

H (m)	Ø (m)	Lux (max)
1,00	3,00	870
1,50	5,00	390
2,00	6,00	220
2,50	8,00	140
3,00	10,00	100

Code: 0203006A — ultra wide flood 115°

H (m)	Ø (m)	Lux (max)
1,00	3,00	1200
1,50	5,00	540
2,00	6,00	300
2,50	8,00	200
3,00	10,00	140

iC **illuminazione commerciale**.it

by **Arcluce**

DORA CCT - Versions with CCT Selector for 3000K, 4000K, 6000K - IP54

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 115°	15W, 1300lm	90/Selettore	ON/OFF	220x53	**0203013A-11**
ultra wide flood 115°	18W, 1850lm	90/Selettore	ON/OFF	280x53	**0203014A-11**
ultra wide flood 115°	24W, 2500lm	90/Selettore	ON/OFF	330x53	**0203015A-11**
ultra wide flood 115°	36W, 3400lm	90/Selettore	ON/OFF	400x53	**0203016A-11**

DORA SNS - Versions with Motion and Twilight Sensor - IP54

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 115°	15W, 1300lm	80/3000K	ON/OFF-SNS	220x53	**0203000S-830-11**
ultra wide flood 115°	15W, 1300lm	90/3000K	ON/OFF-SNS	220x53	**0203000S-930-11**
ultra wide flood 115°	15W, 1250lm	90/4000K	ON/OFF-SNS	220x53	**0203000S-940-11**
ultra wide flood 115°	18W, 1850lm	90/3000K	ON/OFF-SNS	280x53	**0203001S-930-11**
ultra wide flood 115°	18W, 1900lm	90/4000K	ON/OFF-SNS	280x53	**0203001S-940-11**
ultra wide flood 115°	24W, 2450lm	90/3000K	ON/OFF-SNS	330x53	**0203002S-930-11**
ultra wide flood 115°	24W, 2500lm	90/4000K	ON/OFF-SNS	330x53	**0203002S-940-11**
ultra wide flood 115°	36W, 3400lm	90/3000K	ON/OFF-SNS	400x53	**0203016S-930-11**
ultra wide flood 115°	36W, 3400lm	90/4000K	ON/OFF-SNS	400x53	**0203016S-940-11**

DORA EM - Versions with Emergency KIT (SA - 1 hour of autonomy) - IP44

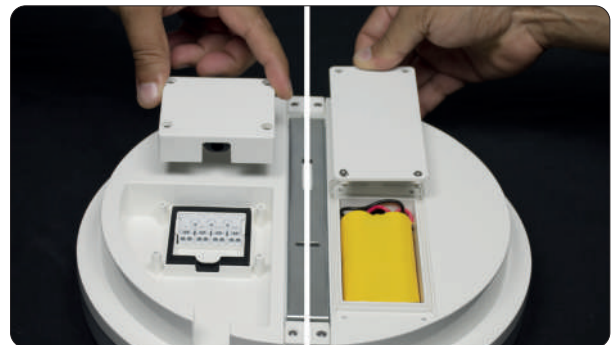| Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 115°	18W, 1850lm	80/3000K	ON/OFF-E	280x53	**0203001G-830-11**
ultra wide flood 115°	18W, 1850lm	90/3000K	ON/OFF-E	280x53	**0203001G-930-11**
ultra wide flood 115°	18W, 1900lm	90/4000K	ON/OFF-E	280x53	**0203001G-940-11**

INDOOR

CCT SELECTOR
Thanks to the CCT Selector, it is much more versatile than other similar products; in fact, this option allows you to customize the color temperature of the emitted light (with settings at 3000K, 4000K, and 6000K).
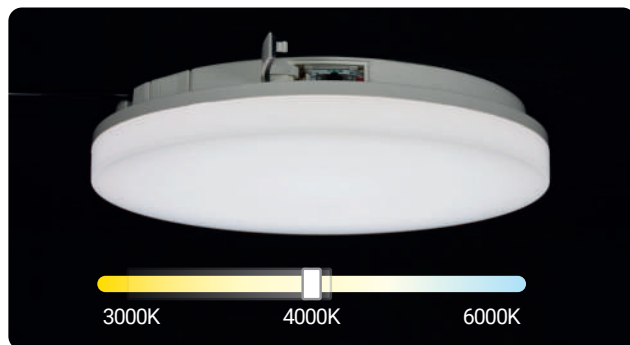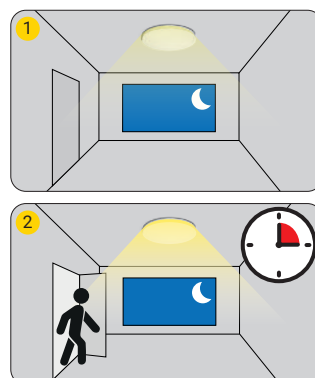
INTEGRATED EMERGENCY KIT
To compensate for unexpected power outages, it keeps the area illuminated with up to 1 hour of autonomy.
Available in the 280mm version.

3000K 4000K 6000K

NIGHT STAIRWAY LIGHT FUNCTION (can be activated by disabling the integrated light sensor and optionally used in combination with an external twilight sensor)
The power of the ceiling light is reduced to 15% until the presence sensor detects movement, bringing the power back to 100% for a selectable period. Once this period ends, the power returns to 15%.
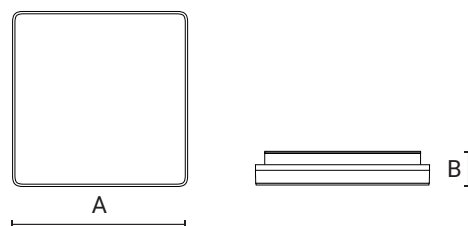
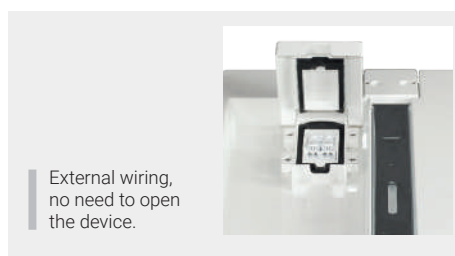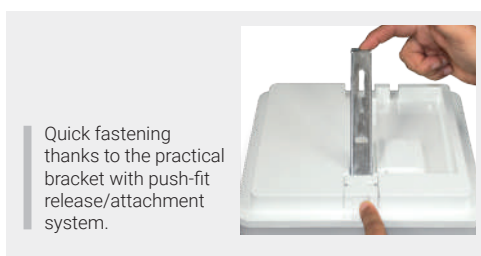▶ *PERFECT AS A SAFETY LIGHT FOR STAIRWELLS AND APARTMENT BUILDINGS.*

1 — When switched on, the ceiling light dims to stand-by level (15% intensity) in the absence of movement.

2 — When motion is detected, the light increases to 100% power for a selectable period. After the set time expires, the light returns to stand-by level (15% intensity).

*Fixture data (measured).

KORA

WARRANTY 5 YEAR

A

B

CE □ IP54 IK08 CCT SELECTOR

Universal square luminaire series, available in three sizes, perfect for wall or ceiling mounting. Equipped with **innovative technologies**, including **CCT selector** (3000K, 4000K, 6000K) and **motion** and **twilight sensors**. This provides adaptable and intelligent lighting solutions that optimize energy efficiency and increase visual comfort.

Quick fastening thanks to the practical bracket with push-fit release/attachment system.

External wiring, no need to open the device.

Access panel for Motion Sensor programming and useful Stand-by Level functions.

CHARACTERISTICS

• Body and diffuser made of polycarbonate.
• Driver integrated into the fixture.
• Long LED lifespan: >30,000 hours.
• Fixture designed in compliance with EN 60598-1 and EN 60598-2-1 standards.

INSTALLATION

• Quick installation via bracket, without opening the luminaire.
• Suitable for wall or ceiling installation.

NOTE: **KORA SNS is also available with CCT: **3000K (-930).**

The infinite possibilities of KORA

The soft, tapered profile of KORA helps define spaces with uniform and pleasant lighting. The combinations are endless, allowing lighting designers to create geometric compositions by playing with the various available sizes.

iC illuminazione commerciale.*it*

by **Arcluce**

KORA CCT - Versions with CCT Selector for 3000K, 4000K, 6000K - IP54

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 115°	18W, 1850lm	90/Selettore	ON/OFF	280x54	**0203034A-11**
ultra wide flood 115°	24W, 2500lm	90/Selettore	ON/OFF	330x54	**0203035A-11**
ultra wide flood 115°	36W, 3400lm	90/Selettore	ON/OFF	400x54	**0203036A-11**

KORA SNS** - Versions with Motion and Twilight Sensor - IP54

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 115°	18W, 1900lm	90/4000K	ON/OFF-SNS	280x54	**0203021S-940-11**
ultra wide flood 115°	24W, 2500lm	90/4000K	ON/OFF-SNS	330x54	**0203022S-940-11**

LIGHTING DATA

Code: 0203034A — ultra wide flood 115°

H (m)	Ø (m)	Lux (max)
0,50	1,59	2727
1,00	3,19	682
1,50	4,78	303
2,00	6,38	170
2,50	7,97	109
3,00	9,56	76

Code: 0203035A — ultra wide flood 115°

H (m)	Ø (m)	Lux (max)
0,50	1,62	3363
1,00	3,24	841
1,50	4,86	374
2,00	6,48	210
2,50	8,10	135
3,00	9,71	93

Code: 0203036A — ultra wide flood 115°

H (m)	Ø (m)	Lux (max)
0,50	1,59	4462
1,00	3,19	1116
1,50	4,78	496
2,00	6,38	279
2,50	7,97	178
3,00	9,56	124

INDOOR

CCT SELECTOR

Thanks to the CCT Selector, it is much more versatile than other similar products; in fact, this option allows you to customize the color temperature of the emitted light (with settings at 3000K, 4000K, and 6000K).

3000K   4000K   6000K

NIGHT STAIRWAY LIGHT FUNCTION (can be activated by disabling the integrated light sensor and optionally used in combination with an external twilight sensor)
The power of the ceiling light is reduced to 15% until the presence sensor detects movement, bringing the power back to 100% for a selectable period. Once this period ends, the power returns to 15%.

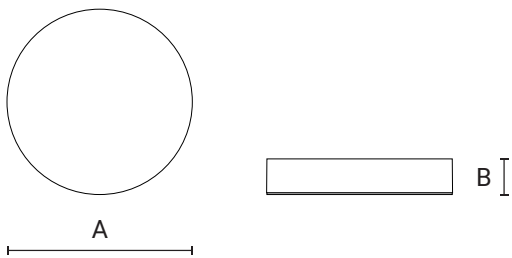▶ *PERFECT AS A SAFETY LIGHT FOR STAIRWELLS AND APARTMENT BUILDINGS.*

1. When switched on, the ceiling light dims to stand-by level (15% intensity) in the absence of movement.

2. When motion is detected, the light increases to 100% power for a selectable period. After the set time expires, the light returns to stand-by level (15% intensity).

*Fixture data (measured).

SELENA

WARRANTY
5
YEAR

CE | IP54 IK08 | CCT SELECTOR

SELENA series, available in 3 sizes, for wall and ceiling mounting. It features **advanced technologies**, including a **power selector** (3 different powers) and a **CCT selector** (3000 K, 4000 K, 5000 K), allowing precise and individual control and adaptation of lighting to various environments.
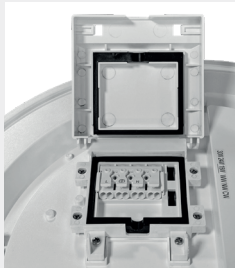
Practical fixing

The SELENA series is equipped with a practical quick-release ring to simplify and reduce installation time.

First, install the bracket, then hook the fixture.

External wiring

Even the wiring is quick and easy. The external panel connector is practical and easily accessible, with no need to open the fixture.

The door opens with a simple press.

CHARACTERISTICS
- Body and diffuser made of polycarbonate.
- Silicone rubber seals with controlled hardness, stabilized against UV rays.
- Built-in driver.
- High-quality LED sources characterized according to IES TM-30 methodology, with high color consistency <3SDCM and a long lifespan >60,000 hours with L80.
- The fixture is constructed in compliance with EN 60598-1 and EN 60598-2-1 standards, complete with CE marking in accordance with EU directives.

INSTALLATION
- Quick installation via bracket, without opening the fixture.
- Wall or ceiling installation.
- Equipped with manual power and CCT selectors for optimal performance adjustment.

POWER SELECTOR

Power Selector Settings (data on the 4000K version)								
Ø 280mm			Ø 330mm			Ø 400mm		
12W	18W	24W	18W	24W	30W	24W	30W	36W
1400lm	2100lm	2750lm	2250lm	3100lm	3650lm	2900lm	3600lm	4250lm

SELENA

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 120°	24W, 2750lm	90/selettore	ON/OFF	280x70	**0203040A-11**
ultra wide flood 120°	30W, 3650lm	90/selettore	ON/OFF	330x70	**0203041A-11**
ultra wide flood 120°	36W, 4250lm	90/selettore	ON/OFF	400x70	**0203042A-11**

CCT SELECTOR

Thanks to the CCT Selector, it is much more versatile than other similar products; in fact, this option allows you to customize the color temperature of the emitted light (with settings at 3000K, 4000K, and 6000K).

3000K   4000K   5000K
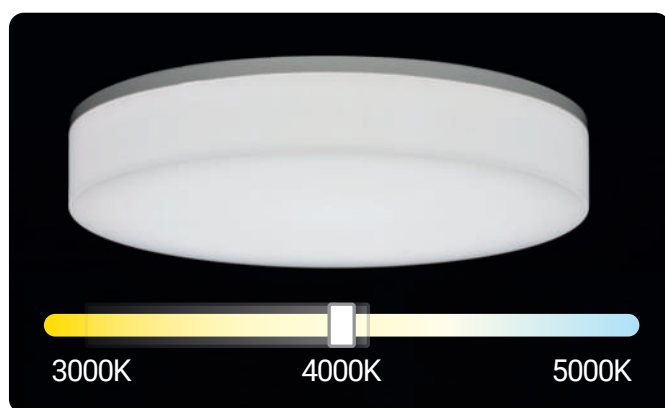
LIGHTING DATA

Code: 0203040A

ultra wide flood 120°

H (m)	Ø (m)	Lux (max)
0,50	2,17	1987
1,00	4,35	497
1,50	6,52	221
2,00	8,70	124
2,50	10,87	79
3,00	14,04	55

Code: 0203041A

ultra wide flood 120°

H (m)	Ø (m)	Lux (max)
0,50	1,86	3214
1,00	3,73	803
1,50	5,59	357
2,00	7,46	201
2,50	9,32	129
3,00	11,19	89

Code: 0203042A

ultra wide flood 120°

H (m)	Ø (m)	Lux (max)
0,50	1,95	3723
1,00	3,91	931
1,50	5,86	414
2,00	7,82	233
2,50	9,77	149
3,00	11,73	103

INDOOR

*Fixture data (measured).

TRAC-LINE 220V

L1 L2
DALI
N   L3

CE
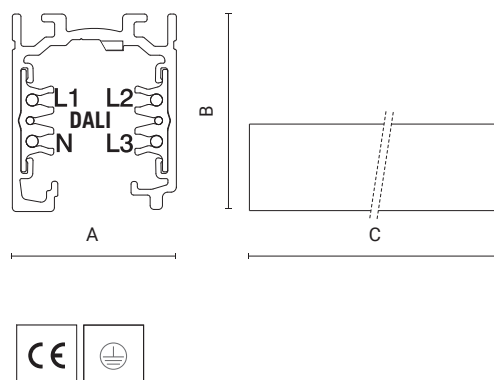
TRAC-line 220V is a **highly functional DALI spotlight power rail**, suitable for wall, ceiling or suspended mounting. The standard connection allows you to connect multiple spotlights, in several power lines and groups, ensuring secure mounting and proper power supply.

CHARACTERISTICS

- Extruded aluminum body.
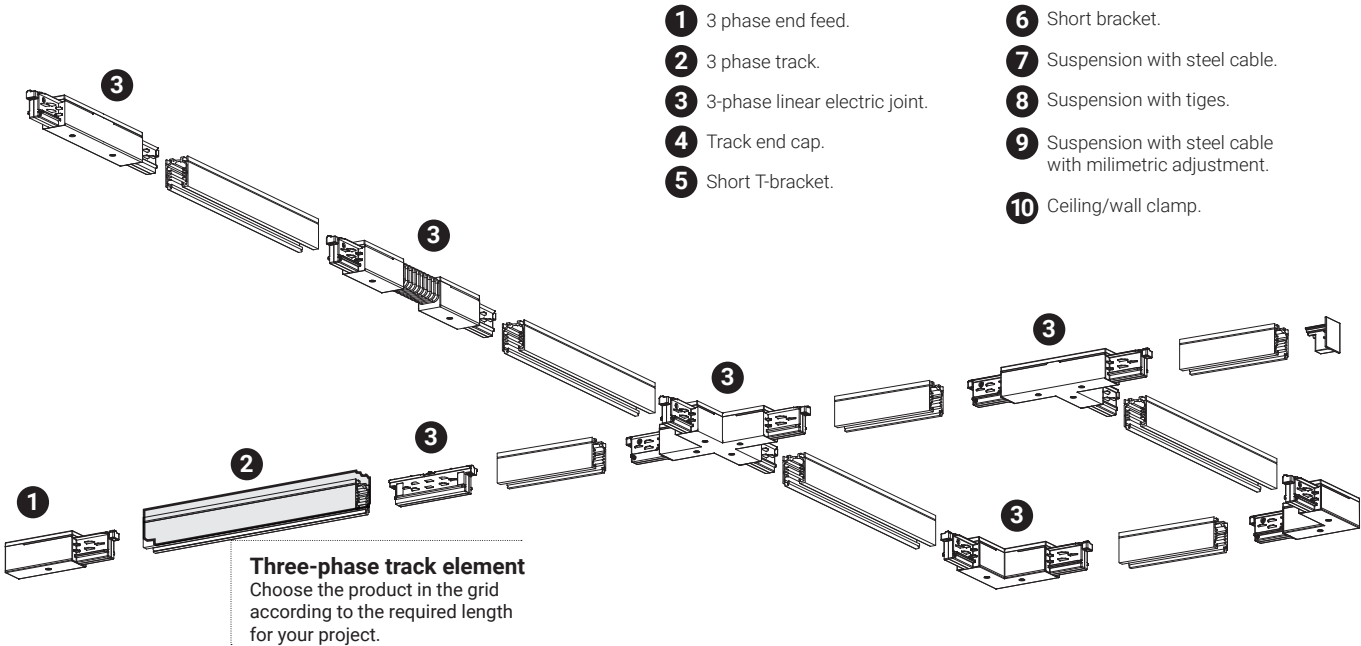- Wiring for three ignitions ON/OFF.
- Prepared for DALI.

INSTALLATION

- Ceiling and suspension installation.

NOTE: Also Available versions with Casambi and other modern control systems, for more information see "Light controls" section.
End caps and fixation accessories to be ordered separately.

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INSTALLATION ACCESSORIES (LEGEND)

1 3 phase end feed.

2 3 phase track.

3 3-phase linear electric joint.

4 Track end cap.

5 Short T-bracket.

6 Short bracket.

7 Suspension with steel cable.

8 Suspension with tiges.

9 Suspension with steel cable with milimetric adjustment.

10 Ceiling/wall clamp.

INDOOR

Three-phase track element
Choose the product in the grid according to the required length for your project.

1099135X
Power cable and ceiling rose

SUSPENSION	WALL/CEILING
1 - 3 phase end feed	
2 - 3 phase track	
3 - 3-phase linear electric joint	
4 - Track end cap	
5 - Short T-bracket	10 - Ceiling/wall clamp
6 - short bracket	
7 - Suspension with steel cable	
8 - Suspension with tiges	
9 - Suspension with steel cable with milimetric adjustment	

standard accessories ▶

specific accessories to type of installation ▶

TRAC-LINE 220V

WARRANTY 5 YEAR

INSTALLATION EXAMPLE (LEGEND)

SCREW/ POLARITY

GROUND

L1 L2

N L3

DALI control system

1 3 phase end feed

2 3 phase track

3 3-phase linear electric joint

4 Track end cap

ELECTRICAL DIAGRAM

230V - 16A - 3,7 KW

Max 16A
L
N
max 16A
L2
L1
L3
N
L1 L2
N L3
DALI

400V - 16A - 11,1 KW

Max 16A
L
L
L
N
L1+L2+L3: I = max 16A
L2
L1
L3
N
DALI
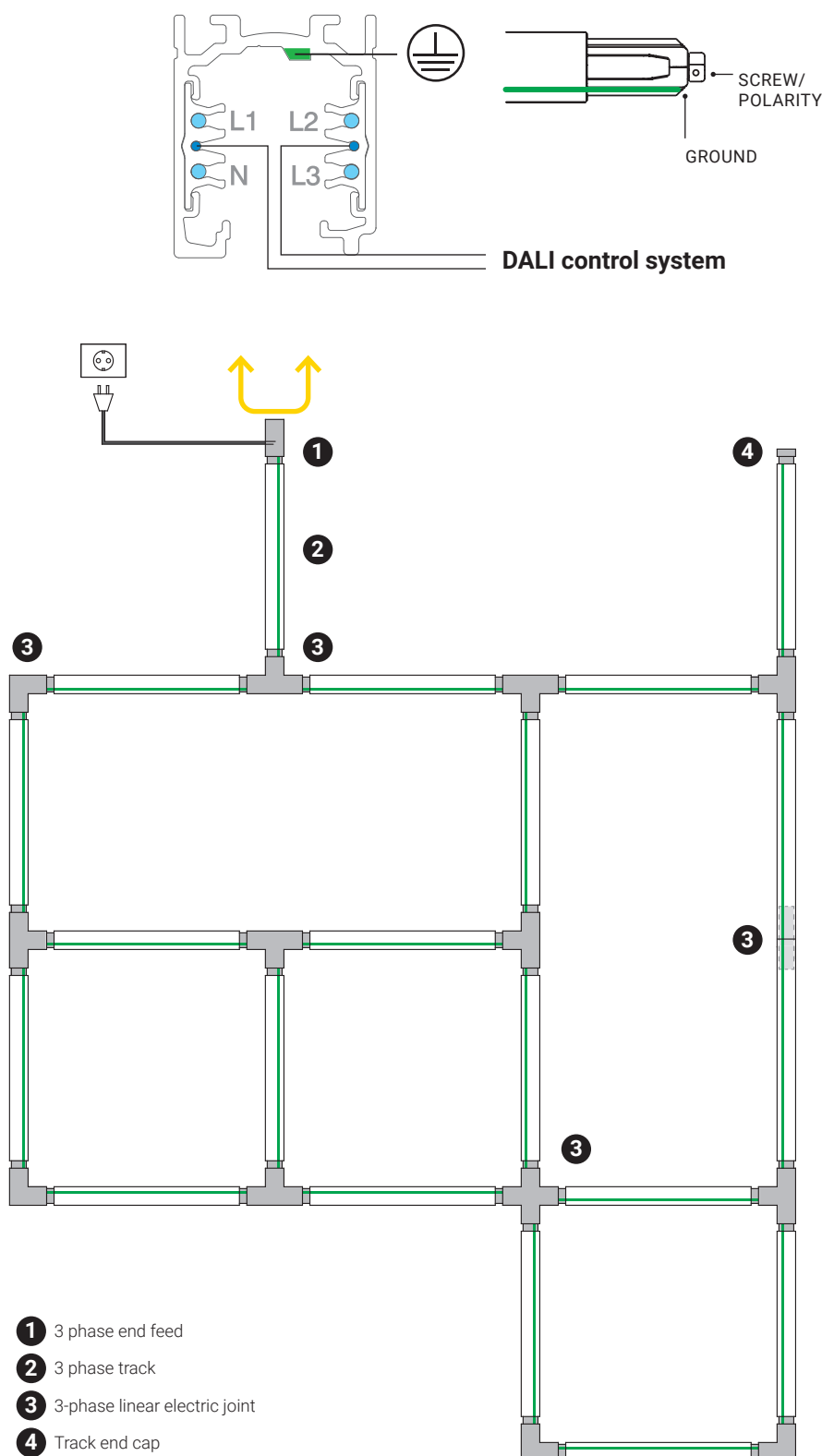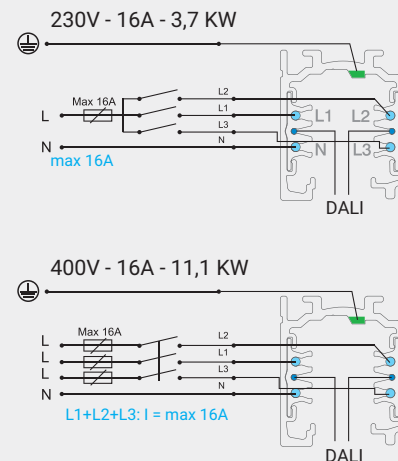
ADVICES

Always close the track with the end header.
Code **1099176X-11**

LOAD SCHEME

900
25 kg

450 450
50 kg
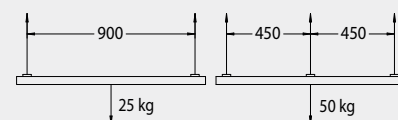
FIXING HOLE SCHEME
Interdistance between standard fixing holes 500mm (see table).

12mm 4mm

a
b
c

a (mm)	b (mm)	c (mm)
250	500	750
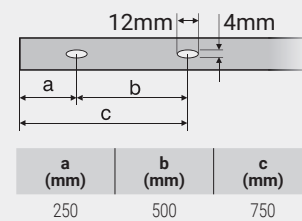
ADVICES

HOW TO CUSTOMIZE THE TRACK

5 mm
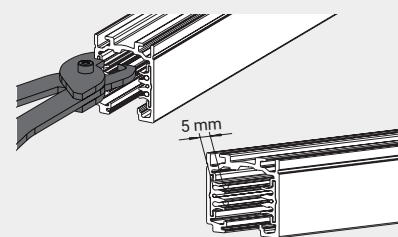
Electrified tracks are supplied with a standard length (1, 2 and 3 meters). When it is necessary to make custom measurements it is necessary to cut them with a hacksaw or circular saw suitable for aluminum. After cutting the rail you must shorten the contacts with the appropriate accessory (1099258X) for a length of at least 5mm.

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TRAC-LINE (WHITE colour)

Optic	Dim. (AxBxC) mm	Code
TRAC-LINE 220V - DALI - Ceiling/suspension/wall track (1 meter)	31x38x1000	**0191007X-11**
TRAC-LINE 220V - DALI - Ceiling/suspension/wall track (2 meter)	31x38x2000	**0191008X-11**
TRAC-LINE 220V - DALI - Ceiling/suspension/wall track (3 meter)	31x38x3000	**0191009X-11**

TRAC-LINE (BLACK colour)

Optic	Dim. (AxBxC) mm	Code
TRAC-LINE 220V - DALI - Ceiling/suspension/wall track (1 meter)	31x38x1000	**0191007X-12**
TRAC-LINE 220V - DALI - Ceiling/suspension/wall track (2 meter)	31x38x2000	**0191008X-12**
TRAC-LINE 220V - DALI - Ceiling/suspension/wall track (3 meter)	31x38x3000	**0191009X-12**

Customize colour: White ○ 11 (-11) / Black ● 12 (-12)

INSTALLATION ACCESSORIES	Weight	Code
Rope clamp for suspension.	0,01Kg	**1099045X**
Steel cable, 100 m for suspension.	1,50Kg	**1099039X**
Short T-bracket for suspension.	0,02Kg	**1099315X**
Long T-bracket L=100mm for suspension.	0,02Kg	**1099321X**
Suspension-steel rope (1.5m) + clamp rope clamp. Fmax 100 N. Suitable for 1099315X or 1099321X.	0,05Kg	**1099271X**
Technopolymer ceiling rose. Power cable for suspension maximum 1.5m. 3 x 0.75 sq. mm. DALI	0,20Kg	**1099135X-11**
Millimeter-adjustable suspension with steel rope (1.5m). Fmax 150 N.	0,21Kg	**1099053X**
Rigid suspension with Ø 10mm tiges. L=0.50m. Fmax 200 N.	0,21Kg	**1099014X-11**
Rigid suspension with Ø 10mm tiges. L=1,00m. Fmax 200 N.	0,30Kg	**1099015X-11**
Long bracket/joint. Suitable for 1099053X, 1099014X, 1099015X, 1099016X.	0,05Kg	**1099054X**
Ceiling/wall clamp.	0,01Kg	**1099316X-33**

ACCESSORIES FOR TRACK SYSTEM	Weight	Code
3 phase end feed left.	0,10Kg	**1099002X-11**
3 phase end feed right.	0,10Kg	**1099066X-11**
3 phase linear electric joint.	0,19Kg	**1099126X-11**
3 phase flexible connector.	0,24Kg	**1099122X-11**
3 phase straight connector.	0,05Kg	**1099125X-11**
3 phase L-connector extshernal.	0,15Kg	**1099123X-11**
3 phase L-connector internal.	0,15Kg	**1099124X-11**
External electrical right 3 phase T-connector.	0,28Kg	**1099118X-11**
External electrical left 3 phase T-connector.	0,28Kg	**1099120X-11**
Internal electrical right 3 phase T-connector.	0,28Kg	**1099121X-11**
Internal electrical left 3 phase T-connector.	0,28Kg	**1099119X-11**
3 phase X-connector.	0,38Kg	**1099117X-11**
Cutting tool for track conductors.	0,10Kg	**1099258X**

FINISHING ACCESSORIES	Weight	Code
Track end cap.	0,01Kg	**1099176X-11**
Cover strip, lenght 1 m.	0,12Kg	**1099103X-11**
IP40 protection cap for eyelets.	0,01Kg	**1099322X-33**

1099045X 1099039X 1099315X 1099321X

1099271X 1099135X 1099053X 1099014X 1099015X

1099054X 1099316X

1099002X 1099066X 1099126X 1099122X

1099125X 1099123X 1099124X 1099118X

1099120X 1099121X 1099119X 1099117X

1099258X 1099176X 1099103X 1099322X

INDOOR
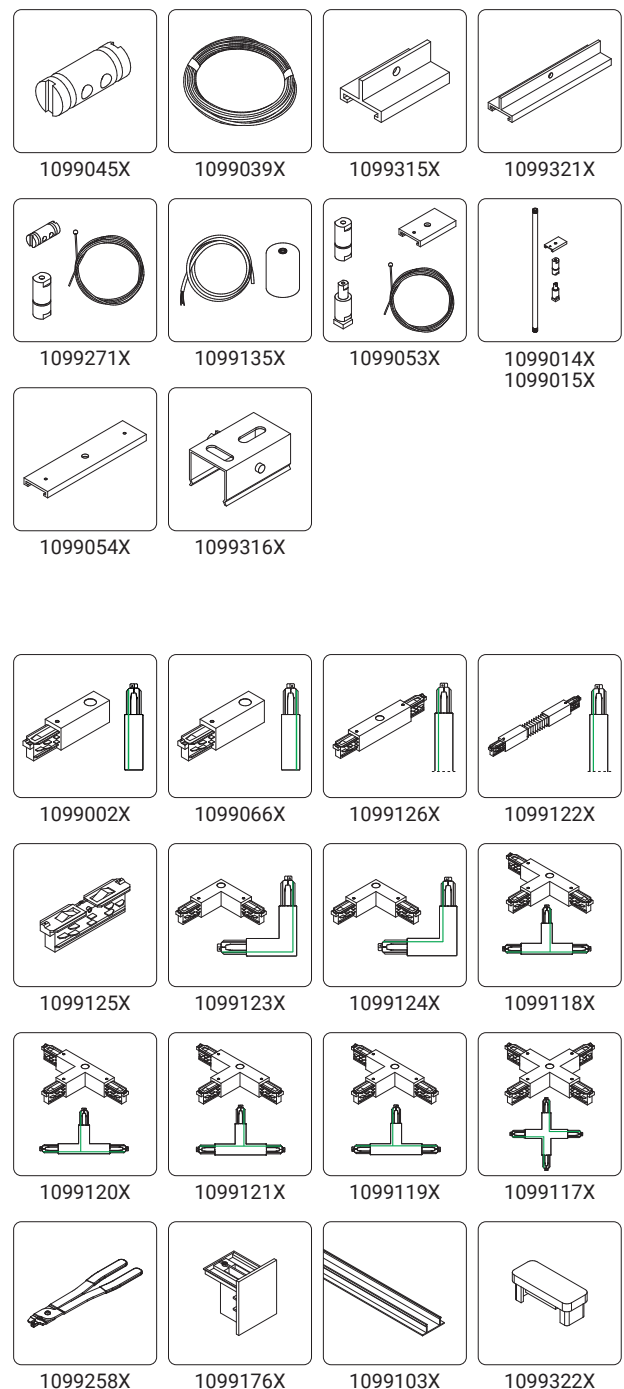
PMMA optical lenses and LED sources with high CRI 95 values, for maximum color rendering.

Die-cast aluminum body and powder coated anti-yellowing UV-stabilized.

Practical and functional **ZOOM integrated** into the luminaire body with smooth movement and precise continuous stroke.

MACROZOOM

220V track spotlight with a slim and compact design. The reduced thickness of the fixture gives to the rooms an innovative and modern look, to illuminate with refined sobriety. Equipped with a double joint, with rotation of 355° on the horizontal axis and 90° on the vertical axis, it allows complete adjustability. The ZOOM function integrated into the body is smooth, precise and continuous stroke, complete performance and offering total control of the light.

- The body is made of die-cast aluminum and painted with UV-stabilized anti-yellowing powder, also suitable for use in store windows exposed to direct sunlight.

- The high versatility of rotation (double joint), combined with the practical and functional ZOOM (continuous stroke), make it particularly suitable for display environments that need functional light management (also available in **DALI** and **CASAMBI** versions).

- Made with PMMA optical lenses and LED sources with high CRI 95 values, MACROZOOM offers the highest lighting quality, with beams that range from 16° to a maximum of 60° depending on the model.

±Y 355°

±Y 90°
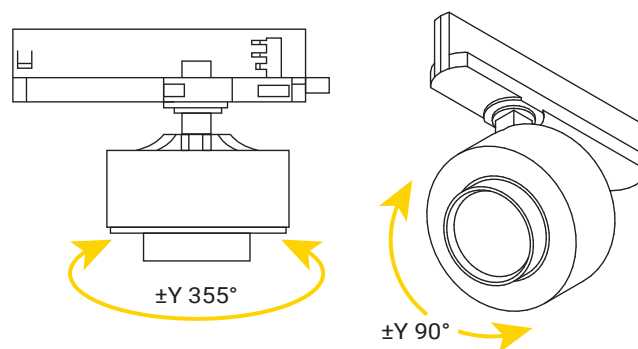
Double joint allows for complete swiveling of the light.

- Can be installed on 220V track, even in addition to other fixtures, to illuminate specific objects placed in areas that are normally unreachable.

- Recommended for display environments that require high lighting versatility, MACRO ZOOM is also suitable for typically residential settings, where an eye for aesthetic impact is required.

- The driver, built into the adapter, has **LOW-FLICKER** technology for high visual comfort.

APPLICATION CONTEXTS

Examples of installation in commercial (retail) and display environments, as well as residential settings, where the aesthetic impact and design are particularly sought after.

Residential with minimal installation on ceiling track.
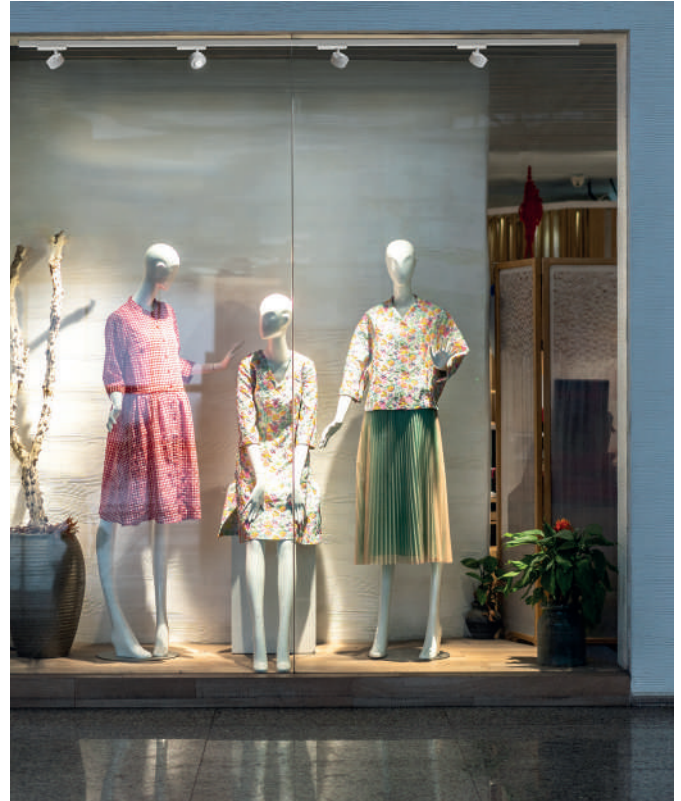
Shop window (diffuse or spot lighting on details).

Exhibition spaces with high ceilings (high-power lighting).

Exhibition space with high lighting versatility.

INDOOR

MACROZOOM

WARRANTY 5 YEAR

CE ▢ IP20 high CRI high lm/w 👁

⊿ DALI BLE-DALI ✱ LOW FLICKER

MACRO ZOOM is a universal spotlight with a minimalist and compact design, designed to ensure high performance in **changing exposures** and **spaces**. Due to its low profile, rotatable housing and integrated variable light beam, this spotlight is particularly suitable for lighting **shop windows** and **shops**, ensuring maximum flexibility and high-quality accent lighting.

MACROZOOM
white version

MACROZOOM
black version

CHARACTERISTICS
- Die-cast aluminum body
- UV-stabilized anti-yellowing powder coating.
- Driver built into the adapter.
- PMMA lenses.
- Long LED service life: >50000h with L80.
- Luminaire built in accordance with EN 60598-1 and EN 60598-2-1 standards.

INSTALLATION
- Track installation.
- Electrified track adapter made in technopolymer.

NOTE: Also available in version with CCT: **4000K (-940)**;
OPTIONAL WIRING: also available in **DALI (B)** version
On request version with CASAMBI and other modern control systems.

15° 24° 36° 60°

Continuously adjustable ZOOM on the body device.
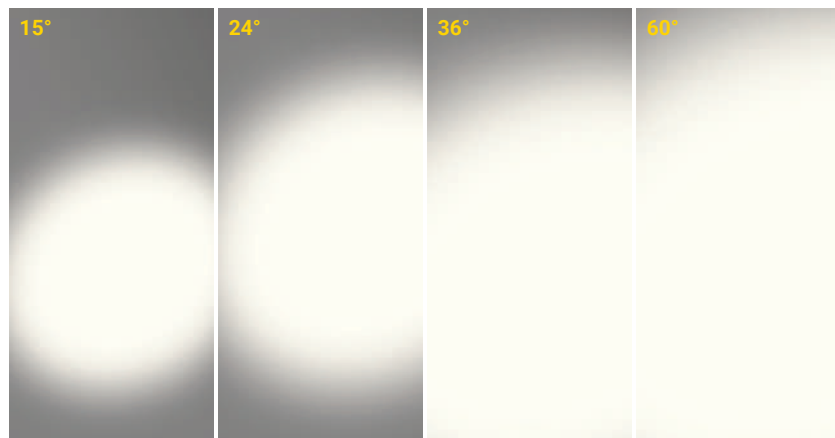
MACRO ZOOM - 20W, 26W, 38W (WHITE colour)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
zoom 15°, 36°	20W, 2100lm	90/3000K	ON/OFF	100x80x130	**0181010A-930-11**
zoom 20°, 36°	26W, 3300lm	90/3000K	ON/OFF	100x90x152	**0181012A-930-11**
zoom 36°, 60°	26W, 3100lm	90/3000K	ON/OFF	100x90x152	**0181013A-930-11**
zoom 20°, 60°	38W, 4900lm	90/3000K	ON/OFF	105x100x162	**0181014A-930-11**

MACRO ZOOM - 20W, 26W, 38W (BLACK colour)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
zoom 15°, 36°	20W, 2100lm	90/3000K	ON/OFF	100x80x130	**0181010A-930-12**
zoom 20°, 36°	26W, 3300lm	90/3000K	ON/OFF	100x90x152	**0181012A-930-12**
zoom 36°, 60°	26W, 3100lm	90/3000K	ON/OFF	100x90x152	**0181013A-930-12**
zoom 20°, 60°	38W, 4900lm	90/3000K	ON/OFF	105x100x162	**0181014A-930-12**

INDOOR

LIGHTING DATA

ZOOM 16°-36°

H (m)	d1 - 16° (m)	d1 - Lux (max)	H (m)	d1 - 50° (m)	d1 - Lux (max)
1,00	0,30	19947	1,00	0,74	4026
2,00	0,59	4987	2,00	1,47	1007
3,00	0,89	2216	3,00	2,21	447
4,00	1,18	1247	4,00	2,94	252
5,00	1,48	798	5,00	3,68	161

ZOOM 20°-36°

H (m)	d1 - 20° (m)	d1 - Lux (max)	H (m)	d1 - 36° (m)	d1 - Lux (max)
1,00	0,37	20400	1,00	0,69	7642
2,00	0,74	5100	2,00	1,39	1911
3,00	1,11	2267	3,00	2,08	849
4,00	1,48	1275	4,00	2,77	478
5,00	1,85	816	5,00	3,46	306

ZOOM 36°-60°

H (m)	d1 - 36° (m)	d1 - Lux (max)	H (m)	d1 - 60° (m)	d1 - Lux (max)
1,00	0,69	7179	1,00	1,29	3058
2,00	1,39	1795	2,00	2,59	765
3,00	2,08	798	3,00	3,88	340
4,00	2,77	449	4,00	5,18	191
5,00	3,46	287	5,00	6,47	122

ZOOM 20°-60°

H (m)	d1 - 20° (m)	d1 - Lux (max)	H (m)	d1 - 36° (m)	d1 - Lux (max)
1,00	0,34	27336	1,00	1,15	5329
2,00	0,68	6834	2,00	2,30	1332
3,00	1,03	3037	3,00	3,45	592
4,00	1,37	1708	4,00	4,60	333
5,00	1,71	1093	5,00	5,75	213

ACCESSORIES

DESCRIPTION	Code
Visor with adjustable flaps, compatible with MACRO Zoom 38W (white color).	**1099692X-11**
Visor with adjustable flaps, compatible with MACRO Zoom 38W (black color).	**1099692X-12**

1099692X-12

*Fixture data (measured).

REWO/REWOZOOM

C | B | A

CE | □ | IP20 | ◁▷ | DALI | BLE-DALI | LOW FLICKER
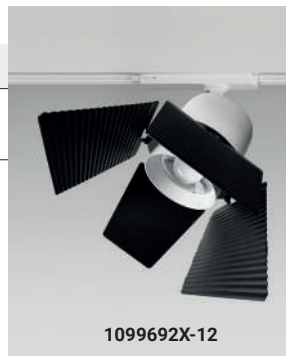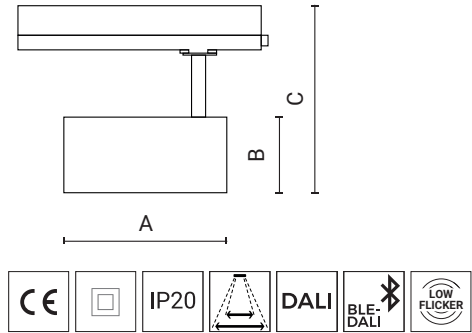
REWO / REWO ZOOM – compact design spotlights, also available **with variable beam**. The frame with a scale allows easy adjustment of the beam from 20° to 55°, thus ensuring complete flexibility and the ability to adapt the light to different lighting needs, ensuring optimal precision and control of the beam.
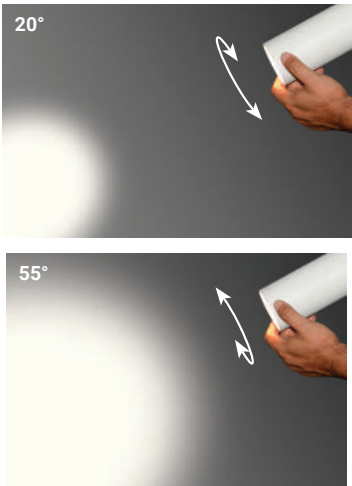
20°

55°

100 mm

150 mm

150 mm

REWO1
700 lm

REWO3
2550 lm

REWO3 ZOOM
from 1800 to 2650lm

CHARACTERISTICS
· Extruded aluminum body.
· UV-stabilized powder coating with anti-yellowing properties.
· Driver built into the adapter.
· High vacuum metallized polycarbonate reflector or PMMA lens.
· Long LED service life: >50000h with L80.
· Built in accordance with EN 60598-1 and EN 60598-2-1 standards.

INSTALLATION
· Track installation.
· Electrified track adapter made in technopolymer.

NOTE: Also available in version with CCT: **4000K (-940);**
OPTIONAL WIRING: also available in **DALI (B)** version
On request version with CASAMBI and other modern control systems

LIGHTING DATA - REWO3 ZOOM

Code: 0180037A

ZOOM 20°-55°

H (m)	d1 - 20° (m)	d1 - Lux (max)	H (m)	d1 - 55° (m)	d1 - Lux (max)
1,00	0,32	13189	1,00	0,99	2442
2,00	0,65	3297	2,00	1,99	610
3,00	0,97	1465	3,00	2,98	271
4,00	1,30	824	4,00	3,97	153
5,00	1,62	528	5,00	4,96	98

Code: 0180038A

ZOOM 20°-55°

H (m)	d1 - 20° (m)	d1 - Lux (max)	H (m)	d1 - 55° (m)	d1 - Lux (max)
1,00	0,32	19418	1,00	0,99	3595
2,00	0,65	4854	2,00	1,99	899
3,00	0,97	2158	3,00	2,98	399
4,00	1,30	1214	4,00	3,97	225
5,00	1,62	777	5,00	4,96	144
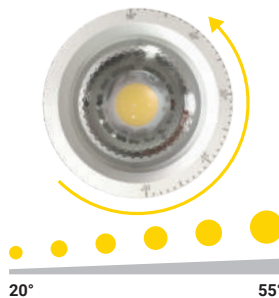
REWO3, ZOOM
Ferrule of adjustment from 20° to 55° ZOOM optics internal (without excursion).

20° **55°**

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REW01 (WHITE colour)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code	
flood 36°	11W, 750lm	90/3000K	ON/OFF	100x50x153	**0180031A-930-11**	■

REW01 (BLACK colour)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code	
medium 18°	11W, 700lm	90/3000K	ON/OFF	100x50x153	**0180030A-930-12**	■
flood 36°	11W, 750lm	90/3000K	ON/OFF	100x50x153	**0180031A-930-12**	■

REW03 (WHITE colour)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code	
medium 18°	33W, 2500lm	90/3000K	ON/OFF	150x70x173	**0180034A-930-11**	■
wide flood 60°	33W, 2550lm	90/3000K	ON/OFF	150x70x173	**0180036A-930-11**	■

REW03 (BLACK colour)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code	
medium 18°	33W, 2500lm	90/3000K	ON/OFF	150x70x173	**0180034A-930-12**	■
wide flood 60°	33W, 2550lm	90/3000K	ON/OFF	150x70x173	**0180036A-930-12**	■

REW03 ZOOM (WHITE colour)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
zoom 20°-55°	20W, 1800lm	90/3000K	ON/OFF	150x70x173	**0180037A-930-11**
zoom 20°-55°	20W, 1800lm	90/4000K	ON/OFF	150x70x173	**0180037A-940-11**
zoom 20°-55°	33W, 2650lm	90/3000K	ON/OFF	150x70x173	**0180038A-930-11**
zoom 20°-55°	33W, 2650lm	90/4000K	ON/OFF	150x70x173	**0180038A-940-11**

REW03 ZOOM (BLACK colour)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
zoom 20°-55°	20W, 1800lm	90/3000K	ON/OFF	150x70x173	**0180037A-930-12**
zoom 20°-55°	20W, 1800lm	90/4000K	ON/OFF	150x70x173	**0180037A-940-12**
zoom 20°-55°	33W, 2650lm	90/3000K	ON/OFF	150x70x173	**0180038A-930-12**
zoom 20°-55°	33W, 2650lm	90/4000K	ON/OFF	150x70x173	**0180038A-940-12**

■ Products subject to availability verification.

INDOOR

*Fixture data (measured).

CORE

WARRANTY 5 YEAR

ZOOM Version

CE | ⏚ | IP20 | ⟷ | LOW FLICKER
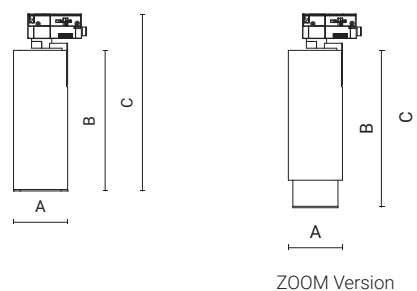
CORE series track spotlights are offered in three universal sizes, adapted to various applications. The "CORE2" and "CORE3" models have a "ZOOM" version and allow individual adjustment of the beam from 18° to 50° (CORE2) and from 20° to 56° (CORE3), ensuring **optimal flexibility** for each lighting situation.
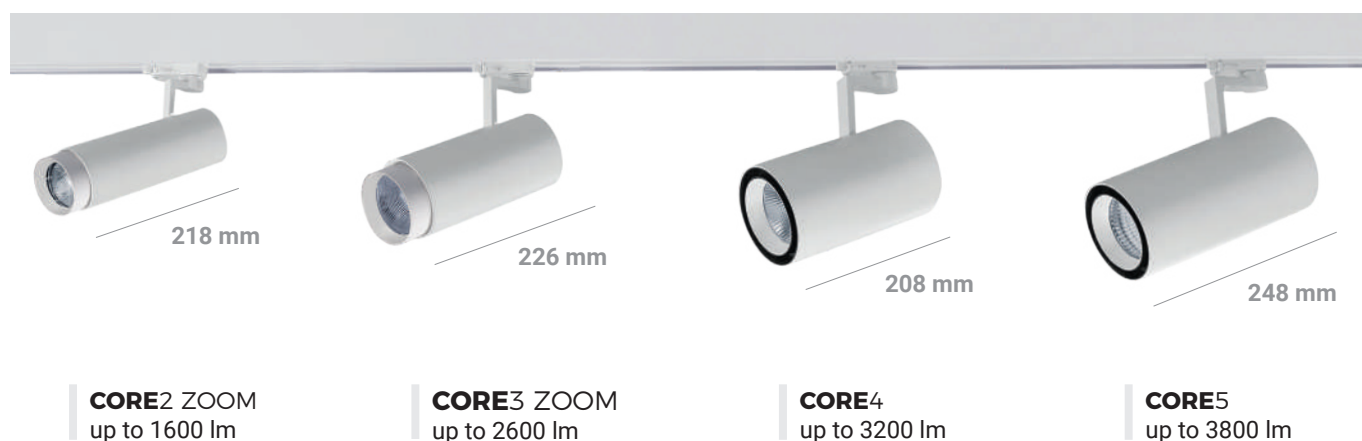
218 mm

226 mm

208 mm

248 mm

CORE2 ZOOM
up to 1600 lm

CORE3 ZOOM
up to 2600 lm

CORE4
up to 3200 lm

CORE5
up to 3800 lm

CHARACTERISTICS
- Extruded aluminum body.
- UV-stabilized powder coating with anti-yellowing properties.
- High vacuum metallized polycarbonate reflector or PMMA lens.
- Long LED service life: >60000h with L80.
- Fixture built in accordance with EN 60598-1 and EN 60598-2-1 standards, complete with CE marking in compliance with EU directives.

INSTALLATION
- Track installation.
- Electrified track adapter made of technopolymer.
- Possibility of ceiling or recessed installation via the special technopolymer base accessory.

NOTE: Available versions with CCT **4000K (940)**

20°

56°
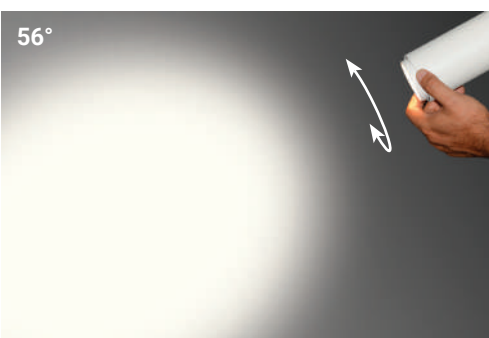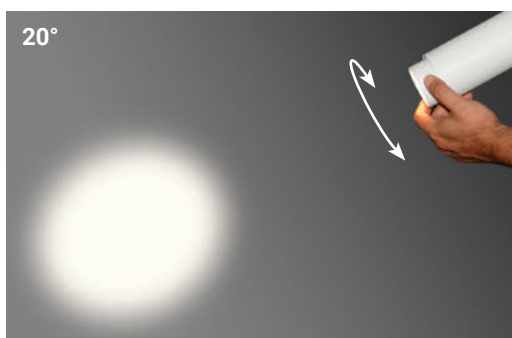
CORE3 ZOOM
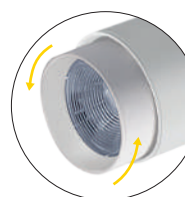
Example of adjustment from 20° to 56° ZOOM optics external (with excursion).

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CORE2 ZOOM

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code	
zoom 18°-50°	22W, 1700lm	90/3000K	ON/OFF	75x218x252	**0180014A-930-12**	■
zoom 18°-50°	22W, 1700lm	90/4000K	ON/OFF	75x218x252	**0180014A-940-11**	■
zoom 18°-50°	22W, 1700lm	90/4000K	ON/OFF	75x218x252	**0180014A-940-12**	■

CORE3 ZOOM

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code	
zoom 20°-56°	32W, 2500lm	90/3000K	ON/OFF	98x226x262	**0180015A-930-12**	■
zoom 20°-56°	32W, 2500lm	90/4000K	ON/OFF	98x226x262	**0180015A-940-12**	■

CORE2

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code	
medium 16°	21W, 1400lm	90/4000K	ON/OFF	75x195x245	**0180000A-940-11**	■
medium 20°	21W, 1400lm	90/4000K	ON/OFF	75x195x245	**0180001A-940-12**	■

CORE3

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code	
medium 18°	33W, 2700lm	90/4000K	ON/OFF	98x200x253	**0180003A-940-11**	■
medium 24°	33W, 2700lm	90/4000K	ON/OFF	98x200x253	**0180004A-940-12**	■

CORE4

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code	
wide flood 50°	41W, 3150lm	90/3000K	ON/OFF	125x208x270	**0180009A-930-11**	■
wide flood 50°	41W, 3150lm	90/4000K	ON/OFF	125x208x270	**0180009A-940-11**	■

CORE5

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code	
wide flood 50°	47W, 3800lm	90/3000K	ON/OFF	125x248x309	**0180010A-930-12**	■
flood 34°	47W, 3800lm	90/4000K	ON/OFF	125x248x309	**0180012A-940-12**	■
wide flood 50°	41W, 3150lm	90/3000K	ON/OFF	125x208x270	**0180013A-930-11**	■

■ Products subject to availability verification.

INDOOR

LIGHTING DATA

Code: 0180014A-940-11 — zoom 18°-50°

H (m)	Ø (m)	Lux (max)
1,00	0,92	2863
1,50	1,37	1272
2,00	1,83	716
2,50	2,29	458
3,00	2,75	318

Code: 0180015A-940-11 — zoom 20°-56°

H (m)	Ø (m)	Lux (max)
1,00	1,05	2985
1,50	1,58	1327
2,00	2,11	746
2,50	2,64	478
3,00	3,16	332

Code: 0180009A-940-11 — wide flood 50°

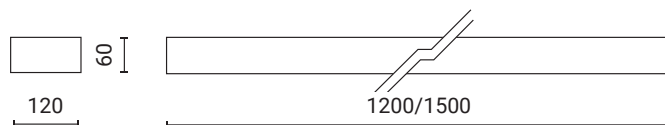| H (m)	Ø (m)	Lux (max)
1,00	0,94	5077
2,00	1,87	1269
3,00	2,81	564
4,00	3,75	317
5,00	4,68	203

ACCESSORIES

| DESCRIPTION	Code
Technopolymer ceiling base.	**1099005X-11**
Tencopolymer recessed base, for false ceiling, thickness from 1mm to 30mm, hole 110. Fmax 50 N	**1099012X-11**

Accessories also avaible in black colour: (**-12**)

CORE4 ceiling base
1099005X

Recessed base
1099012X

Ø110-115mm

*Fixture data (measured).

THETA

120 | 60 | 1200/1500

| UGR <19 White optic | UGR <16 Chrome optic | CE | IP20 | CCT SELECTOR | high CRI | Adatto per videoterminali | LOW FLICKER |

THETA ceiling or suspended universal luminaire, available in two lengths. Particularly suitable for lighting schools (classrooms, corridors, common areas) and offices, where high and functional lighting quality is required. Clean and concise design. THETA is classified according to **UGR<19** and **UGR<16**, therefore ensuring comfortable lighting and low glare.

3000K — 4000K
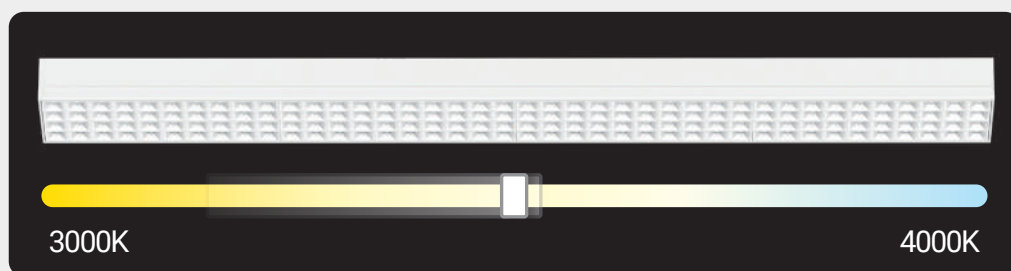
SELECTOR CCT

THETA is equipped as standard with a **CCT Selector** (settable to **3000K** or **4000K**) and a **Power Selector** (see table above). The selectors, located inside the fixture, are easily accessible even after installation. The ceiling light is also equipped with a safety cord and hook to facilitate activities even after installation.

CHARACTERISTICS
- Extruded aluminum body.
- Technopolymer end caps.
- UV-stabilized powder coating with anti-yellowing properties.
- Technopolymer reflector.
- Optical technopolymer LED lenses.
- High-quality LED light sources characterized according to IES TM-30 methodology, with high color consistency <3SDCM and long lifespan >60,000 hours with L80.
- Fixture built in accordance with EN 60598-1 and EN 60598-2-1 standards, complete with CE marking in compliance with EU directives.

INSTALLATION
- Ceiling or suspended installation.
- Double cable entry prepared for cascading connection.
- Suspension with 1.5m steel cable (accessory).

NOTE: Available versions with Casambi and other modern control systems.
OTHER MOUNTING ACCESSORIES TO BE ORDERED SEPARATELY.
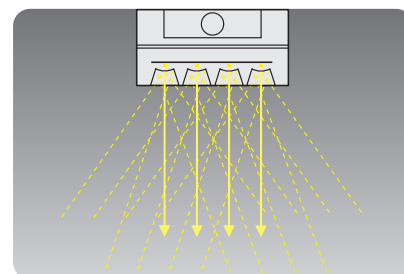
POWER SELECTOR (Versions **ON/OFF** - CRI80/4000K)			
THETA 1200	30W/4600lm	34W/5150lm	36W/5450lm	40W/6000lm
THETA 1500	40W/6000lm		46W/6600lm	

POWER SELECTOR (Versions **DALI** - CRI90/4000K)			
THETA 1200	25W/3125lm	30W/3750lm	35W/4375lm	40W/5000lm
THETA 1500	35W/4200lm	40W/4800lm	45W/5400lm	50W/6000lm

Modularity and ease of installation

THETA structure is designed with mounting holes to allow luminaires to be installed in a single line. The luminaire has electrical inputs at both ends and is connected to the line by means of additional accessories.

Suspended straight connector

These technical features allow for a neat and safe system configuration, simplifying installation operations even in the presence of complex systems. A daisy-chain connection is also supported, ideal for creating modular and continuous installations, optimising both wiring time and costs.

INDOOR

THETA Versions ON/OFF (WHITE)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 74°	40W, 5400lm	80/Selector	ON/OFF	120x60x1200	**0217002A-11**
very wide flood 74°	46W, 6400lm	80/Selector	ON/OFF	120x60x1500	**0217003A-11**

THETA Versions ON/OFF (BLACK)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 74°	40W, 5300lm	80/Selector	ON/OFF	120x60x1200	**0217002A-12**
very wide flood 74°	46W, 6200lm	80/Selector	ON/OFF	120x60x1500	**0217003A-12**

THETA Versions ON/OFF-E with Emergency KIT (SA-SE autonomy 3 hours - WHITE)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 74°	40W, 5400lm	80/Selector	ON/OFF-E	120x60x1200	**0217002G-11**
very wide flood 74°	46W, 6400lm	80/Selector	ON/OFF-E	120x60x1500	**0217003G-11**

THETA Versions ON/OFF-E with Emergency KIT (SA-SE autonomy 3 hours - BLACK)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 74°	40W, 5300lm	80/Selector	ON/OFF-E	120x60x1200	**0217002G-12**
very wide flood 74°	46W, 6200lm	80/Selector	ON/OFF-E	120x60x1500	**0217003G-12**

THETA Versions DALI (WHITE)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 74°	40W, 5000lm	90/Selector	DALI	120x60x1200	**0217000B-11**
very wide flood 74°	50W, 6000lm	90/Selector	DALI	120x60x1500	**0217001B-11**

THETA Versions DALI (BLACK)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 74°	40W, 4900lm	90/Selector	DALI	120x60x1200	**0217000B-12**
very wide flood74°	50W, 5950lm	90/Selector	DALI	120x60x1500	**0217001B-12**

THETA - Versions DALI-E with Emergency KIT (SA-SE autonomy 3 hours - WHITE)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 74°	40W, 5000lm	90/Selector	DALI-E	120x60x1200	**0217000H-11**
very wide flood 74°	50W, 6000lm	90/Selector	DALI-E	120x60x1500	**0217001H-11**

THETA - Versions DALI-E with Emergency KIT (SA-SE autonomy 3 hours - BLACK)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
very wide flood 74°	40W, 4900lm	90/Selector	DALI-E	120x60x1200	**0217000H-12**
very wide flood 74°	50W, 5950lm	90/Selector	DALI-E	120x60x1500	**0217001H-12**

ACCESSORIES
Color: White ○ 11 (-11) / Black ● 12 (-12)

DESCRIPTION	Code
Ceiling-mounted linear joint	**1099718X**
Suspension KIT	**1099721X**
ACCESSORIES COLOR WHITE	
Suspended straight connector	**1099719X-11**
Suspension + rosette KIT 5-pole	**1099720X-11**
Suspension + rosette KIT 3-pole	**1099738X-11**
ACCESSORIES COLOR BLACK	
Suspended straight connector	**1099719X-12**
Suspension + rosette KIT 5-pole	**1099720X-12**
Suspension + rosette KIT 3-pole	**1099738X-12**

1099718X

1099719X

1099720X
1099738X

1099721X

*Fixture data (measured).
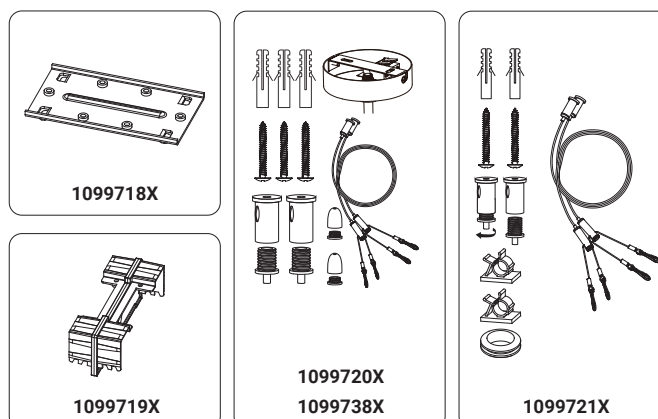
LIGHTING DATA

Code: 0217000B

very wide flood 74°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	1,67	1,51	3521
1,50	2,51	2,27	1565
2,00	3,34	3,03	880
2,50	4,15	3,78	563
3,00	5,02	4,54	391

Code: 0217001B

very wide flood 74°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	1,67	1,51	4225
1,50	2,51	2,27	1878
2,00	3,34	3,03	1056
2,50	4,15	3,78	676
3,00	5,02	4,54	469

OPTIC

very wide flood 74°

INDOOR
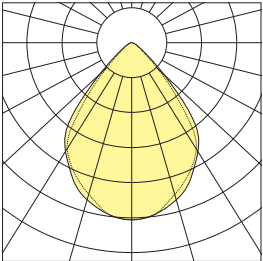
CASE STUDY ON A CLASSROOM

*Total energy consumption over 8 hours of continuous use.

N°4 Ceiling light from 2x36W
(with fluorescent tubes).

N°6 LED panel from 36W
(dimensions 30x120cm).

**N°4 Ceiling light THETA from 40W
Code **0217000B-11**

Pre-installation	Fixtures nr.	Unit Compsumtion	Lumen	Efficiency	Duration	Deterioration	Energy* Consumption 8 hrs (WATT)	Energy consumption (%)
Ceiling light (fluorescent tubes)	4	72W (2x36W)	6300lm	90lm/W	ca. 10.000h	Rapid in relation to hours of use	2304	⬇
LED panel	6	36	3400lm	94lm/W	>50.000h	20% after 50000 hours of use	1728	
THETA 1200 Code **0217000B-11**	4	40W	5000lm	125lm/W	>50.000h	20% after 50000 hours of use	1280	**-45%** (with THETA)

****Room dimensions: 7x7m
Lux at 80cm from the floor:
503 Lux / Uniformity: 0.60**

As required by the UNI EN 12464-1 standard.

The new installation has provided a more comfortable lighting quality (in accordance with the standard), ensuring a longer and more efficient lifespan for the light sources, as well as a significant energy savings.

Point-to-point replacement of the old 2x36/72W fluorescent ceiling lights with the new **THETA 1200** (without adding additional light points).

FLAT

WARRANTY 5 YEAR
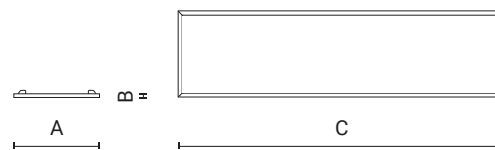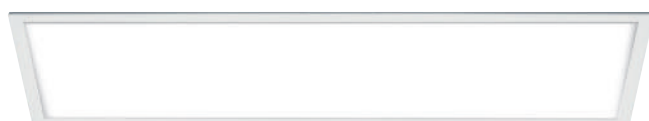
UGR <19 | CE | □ | IP20 / IP40 | DALI | LOW FLICKER | Suitable for use with visual display units

FLAT Illuminating plane with **microprismatic screen**, designed to ensure even light distribution and **optimal glare reduction** (**UGR<19**). Available in rectangular format with CRI90, ensuring excellent color rendering. It is adapted to environments that require both high light output and better visual comfort. Suitable for both suspended ceilings and plasterboard and surface mounting (with accessories).

Frame made in 5 processing steps
Double-sided robotic welding for superior strength.
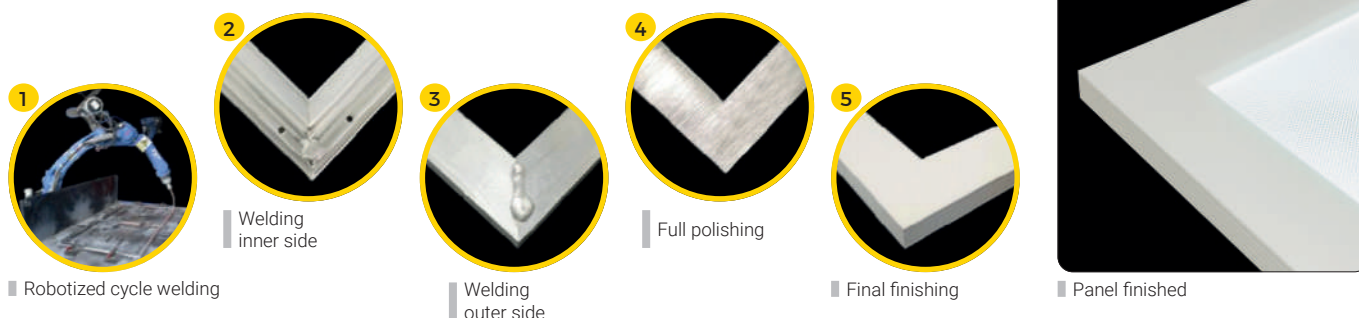
1 Robotized cycle welding

2 Welding inner side

3 Welding outer side

4 Full polishing

5 Final finishing

Panel finished

CHARACTERISTICS
- Stamped steel body.
- Extruded aluminum frame.
- UV-stabilized anti-yellowing powder coating.
- Transparent microprismatic visible screen, inner PMMA screen
- Long LED service life: >50000h with L80.
- Luminaire constructed in accordance with EN 60598-1 and EN 60598-2-2.

INSTALLATION
- Recessed installation.
- Possibility of ceiling or recessed installation in false ceilings plasterboard using appropriate accessories.

NOTA: Also available in versions with **DALI** wiring **(B)**, **ON/OFF-E (G)**, **DALI-E (H).**

NO FLEX

Lightweight structure and thin, which does not flex.

iC illuminazione commerciale.*it*
by **Arcluce**
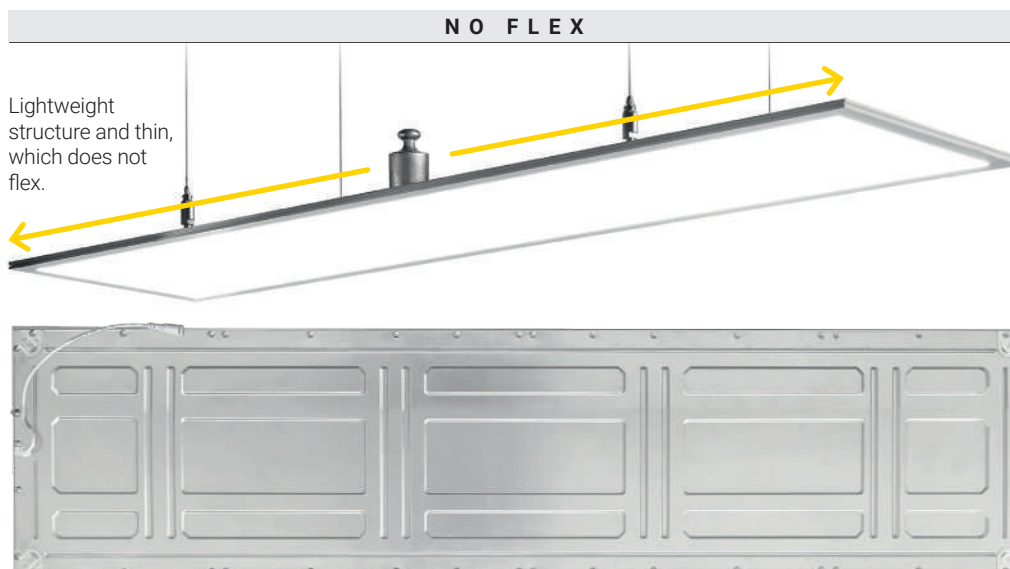
FLAT (rectangular)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 82°	34W, 3500lm	90/4000K	ON/OFF	296x10x1196	**0341003A-940-11**

LIGHTING DATA

ultra wide flood 82°

H (m)	Ø (m)	Lux (max)
0,50	0,84	7653
1,00	1,68	1913
1,50	2,52	850
2,00	3,36	478
2,50	4,20	306
3,00	5,03	213

ACCESSORIES

DESCRIPTION	Code
Rectangular white backbox for ceiling mounting (FLAT - 296x1196mm).	**1099496X-11**
"Y" suspension kit with millimeter-adjustable steel rope (1.5m).	**1099498X**

1099496X-11

Rectangular white backbox for ceiling mounting.

1099498X

"Y" suspension kit with millimeter-adjustable steel rope (1.5m).

INDOOR

FLAT (rectangular)

WARRANTY 5 YEAR

FLAT. Quality light panel!

> Robust ribbed structure high strength

> EVA film

> Reflector with reflectance 95%

> LGP in PMMA

> Led source

> Heatsink

> Aluminum frame

Designed and built to stand out from common bright panels, guaranteeing performance and solidity at the highest level.

LIGHTING AND CONSTRUCTION QUALITY

UGR <19

Microprismatized view screen.
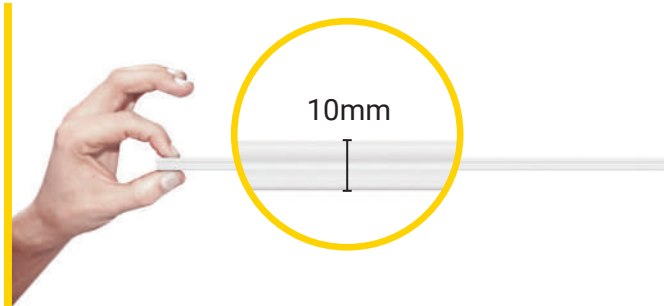
10mm

Only 10mm. **Super thin**

FLAT (rectangular)

INDOOR

VISUAL LED

GSE PRODUCT CERTIFIED

WARRANTY 5 YEAR

A   B   C

A   B   C
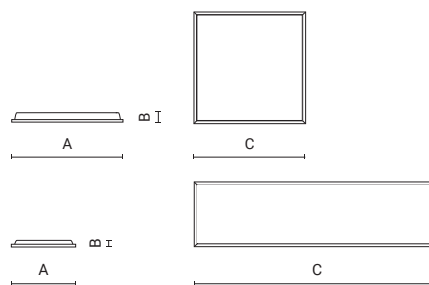
| UGR <19 | CE | ⏚ | IP20 / IP40 | IP20 / IP54 | DALI | Suitable for use with visual display units |

0344103A

Competitively priced luminous plane with **microprismatic screen**, ensuring even light distribution and **optimal glare reduction** (**UGR<19**). Also available with CRI90 and rectangular format, ensuring excellent color rendering and excellent adaptation to different environments.

VISUAL LED - MAIN FEATURES AND CONSTRUCTION DETAILS OF THE PANEL
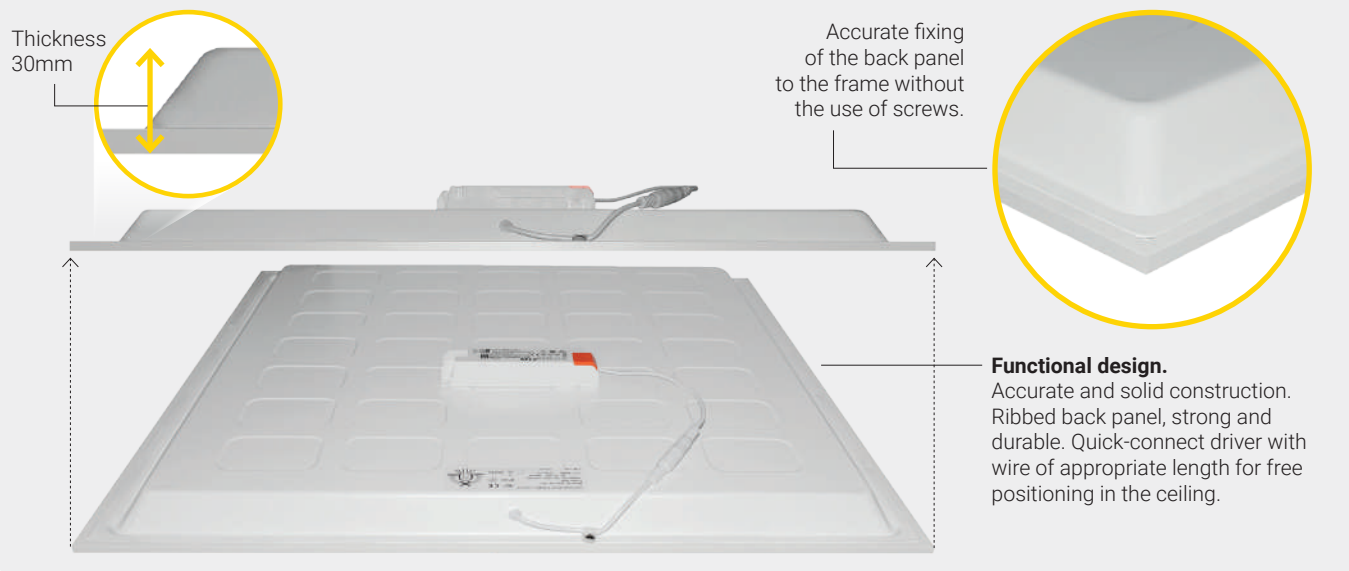
Thickness 30mm

Accurate fixing of the back panel to the frame without the use of screws.

Functional design.
Accurate and solid construction. Ribbed back panel, strong and durable. Quick-connect driver with wire of appropriate length for free positioning in the ceiling.

CHARACTERISTICS

- Stamped steel body.
- Extruded aluminum frame.
- UV-stabilized anti-yellowing powder coating.
- Transparent or opal microprismatized visible screen.
- Long LED service life: >50000h with L80.
- Luminaire constructed in accordance with EN 60598-1 and EN 60598-2-2.

INSTALLATION

- Recessed installation.
- Possibility of ceiling or recessed installation in false ceilings plasterboard using appropriate accessories.

NOTA: Also available with CCT: **3000K** (-830); wiring: **DALI (B), ON/OFF-E (G), DALI-E (H)** Also available with wattage: **36W**, **4320lm** (efficiency 120lm/W) - price upon request.

LIGHTING DATA

Code: 0344100A-840 — ultra wide flood 84°

H (m)	Ø (m)	Lux (max)
1	1,79	2151
1,5	2,69	956
2	3,58	538
2,5	4,48	344
3	5,38	239

Code: 0344101A-840 — ultra wide flood 105°

H (m)	Ø (m)	LUX (max)
1	2,77	1598
1,5	4,16	710
2	5,54	400
2,5	6,93	256
3	8,32	178

MICROPRISMATIC SCREEN

UGR <19

GSE PRODUCT CERTIFIED

Uniform light distribution.
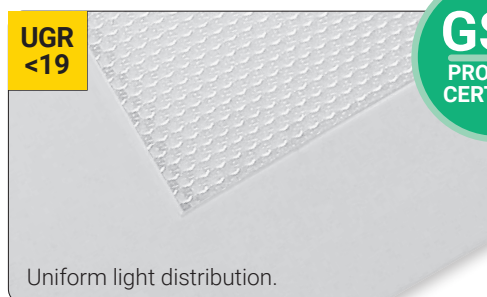
VISUAL LED products respect EUDirectives 2009/125/EC and 2010/30 and are certified by an accredited external laboratory to access incentives provided by GSE as lighting fixtures that increase energy efficiency and savings in energy end-use.

iC illuminazione commerciale.it
by **Arcluce**

VISUAL LED - Square version

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 84° - UGR<19	36W, 4320lm(120lm/W)	80/4000K	ON/OFF	596x30x596	**0344100A-840-11**
ultra wide flood 84° - UGR<19	36W, 4320lm (120lm/W)	90/4000K	ON/OFF	596x30x596	**0344100A-940-11**
ultra wide flood 84° - UGR<19	36W, 3400lm	90/3000K	ON/OFF	596x30x596	**0344100A-930-11**

VISUAL LED - Square version - Opal

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 105° - UGR<22	36W, 4320lm (120lm/W)	80/4000K	ON/OFF	596x30x596	**0344101A-840-11**
IP 54 Version					
ultra wide flood 105° - UGR<22	36W, 4320lm (120lm/W)	90/4000K	ON/OFF	596x30x596	**0344103A-940-11**

VISUAL LED - Rectangular version

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 84° - UGR<19	36W, 4320lm (120lm/W)	80/4000K	ON/OFF	296x30x1196	**0344102A-840-11**
ultra wide flood 84° - UGR<19	36W, 4320lm (120lm/W)	90/4000K	ON/OFF	296x30x1196	**0344102A-940-11**
ultra wide flood 84° - UGR<19	36W, 3400lm	90/3000K	ON/OFF	296x30x1196	**0344102A-930-11**

ACCESSORIES

DESCRIPTION	Code
Square white countertop for installation in smooth plasterboard ceilings.(VISUAL LED - 596x596mm).	**1099497X-11**
Square white frame height 70mm for ceiling mounting (595x595x70).	**1099570X-11**
Rectangular white frame height 70mm for ceiling mounting (295x1195x70).	**1099571X-11**
"Y" suspension kit with millimeter-adjustable steel rope (1.5m).	**1099498X**

1099570X-11   **1099571X-11**

White square or rectangular frame height 70mm for ceiling mounting

1099497X-11

Square white countertop for installation in smooth plasterboard ceilings

1099498X

"Y" suspension kit with steel rope (1.5m) with millimeter adjustment.

INDOOR

ANYTHING BUT ORDINARY - THIS ISN'T JUST A PANEL!

The new LED panels OPTICAL and PHASE combine design and high lighting performance.
The optics created to optimize **visual comfort** and to **reduce glare**, make these devices particularly adapted for installation in schools, offices, and environments with video terminals as such as in hospitality facilities and commercial spaces.

Equipped with **CCT Selector 3000K**, **4000K**, and **5700K** are also available in DALI version. Possibility of installation on the ceiling or recessed using specific accessories.
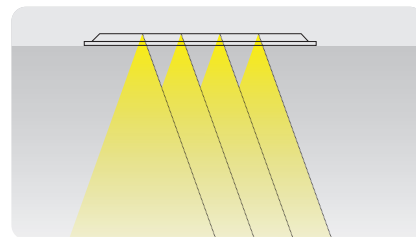
OPTICAL: optical system designed to ensure high performance and **reduce glare**.
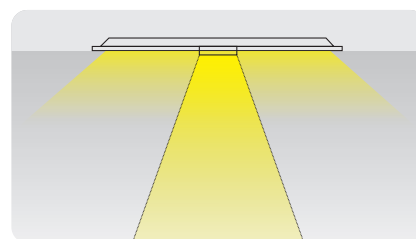
PHASE: optical system with differentiated microprismatization for high visual comfort and a **reduction of glare.**

OPTICAL

Optical system designed for guarantee high performance and minimize **minimum glare** (UGR<19).

Powder coating **anti-yellowing stabilized by UV rays**.

Anti glare louver in tecnopolymer.

INDOOR

PHASE

Optical system designed for guarantee high performance and **minimize glare** (UGR<19).

Screen made of technopolymer **microprismatized opal**.

Microprismatization differentiated: one on the reflector chromed to optimize the light distribution and another on the white panel to reduce glare.

OPTICAL

C

A   B
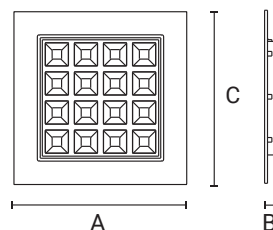
UGR <19   CE   □   IP20   CCT SELECTOR   DALI   LOW FLICKER   Suitable for use with visual display units

OPTICAL is an LED panel that combines style and high efficiency (up to 150 lm/W). The pressed steel and powder-coated housing houses high-efficiency, long-lasting LEDs. The use of **technopolymer LED lenses** ensures uniform light distribution and **minimal glare**, making the product particularly suitable for environments with video terminals. Equipped with a CCT selector (3000K, 4000K and 5700K), it is also available with **DALI control**.

CHARACTERISTICS

- Stamped steel body.
- UV-stabilized anti-yellowing powder coating.
- Technopolymer lightbreaker.
- Opal microprismatic plastic screen.
- High quality LED sources characterized according to IES TM-30 methodology, with high color consistency <3SDCM and long life >60000 hours with L80.
- Luminaire built in accordance with EN 60598-1 and EN 60598-2-2, complete with CE marking in compliance with EU.

INSTALLATION

- Recessed installation.
- Possibility of ceiling or recessed installation in false ceilings.

OPTICAL WITH CCT SELECTOR

The CCT Selector allows you to customize the temperature of the light emitted (with settings at 3000K, 4000K, 5700K).

3000K   4000K   5700K
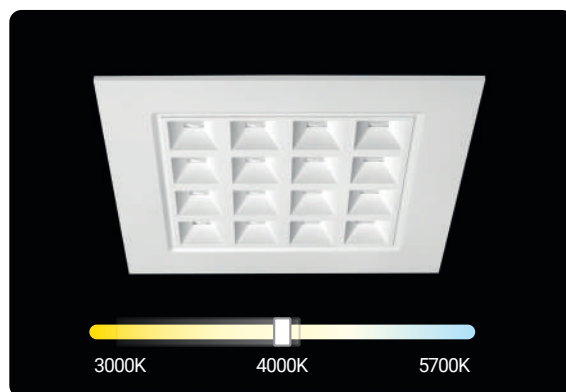
OPTICAL - ON/OFF and ON/OFF-E version with Emergency KIT (1 hour autonomy)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 92°	32W, 4800lm	80/Selector	ON/OFF	596x34x596	**0344120A-11**
ultra wide flood 92°	32W, 4800lm	80/Selector	ON/OFF-E	596x34x596	**0344120G-11**

OPTICAL - DALI and DALI-E version with Emergency KIT (1 hour autonomy)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 92°	32W, 4800lm	80/Selector	DALI	596x34x596	**0344120B-11**
ultra wide flood 92°	32W, 4800lm	80/Selector	DALI-E	596x34x596	**0344120H-11**

LIGHTING DATA

Code: 0344120A-11

Ultra wide flood 92°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	2,14	2,11	2202
1,50	3,22	3,16	979
2,00	4,29	4,22	550
2,50	5,36	5,27	352
3,00	6,43	6,32	245

OPTIC

ultra wide flood 92°
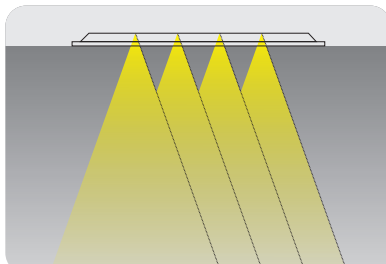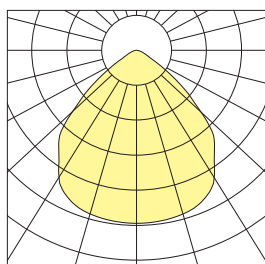
Optics system designed to ensure high performance and **minimize glare** (UGR<19)

*Fixture data (measured).

ACCESSORIES

DESCRIPTION	Code
Square white countertop for installation in smooth plasterboard ceilings.	**1099497X-11**
Square white frame 50 mm high for ceiling mounting (595x595x50).	**1099495X-11**
Spring kit for installation in plasterboard ceilings (KIT 4 pcs).	**1099743X**

1099495X-11

Square white frame 50 mm high for ceiling mounting.

1099497X-11

Square white countertop for installation in smooth plasterboard ceilings.

1099743X

Spring kit for installation in plasterboard ceilings (KIT 4 pcs).

INDOOR

PHASE

WARRANTY
5 YEAR

| UGR <19 | CE | ▢ | IP20 | CCT SELECTOR | DALI | LOW FLICKER | Visual comfort | Suitable for use with visual display units |
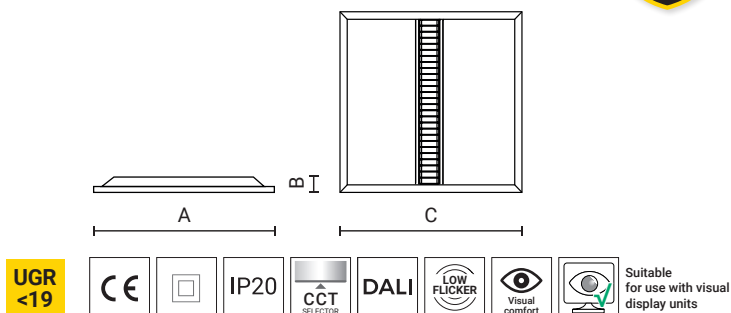
PHASE is an LED panel designed to maximize visual comfort thanks to the combined **microprismatic optics** and **chrome reflector**. Balanced light distribution between the light emitting part and the central reflector strip. Designed for installation in offices and public spaces, it is also recommended for schools, receptions and commercial spaces. Integrated CCT 3000K, 4000K and 5700K selector, it is also available in DALI version. Can be mounted on the ceiling or recessed using special accessories.

CHARACTERISTICS
- Stamped steel body.
- Extruded aluminum frame.
- UV-stabilized anti-yellowing powder coating.
- External hardware in AISI 316 stainless steel.
- Technopolymer lightbreaker.
- Opal microprismatic plastic screen.
- High quality LED sources characterized according to IES TM-30 methodology, with high color consistency <3SDCM and long life >60000 hours with L80.
- Fixture built in accordance with EN 60598-1 and EN 60598-2-2, complete with CE marking in compliance with EU directives.

INSTALLATION
- Recessed installation.
- Possibility of ceiling installation or recessed installation in false ceilings plasterboard using special accessories.

PHASE WITH CCT SELECTOR
The CCT Selector allows you to customize the temperature of the light emitted (with settings at 3000K, 4000K, 5700K).

3000K   4000K   5700K
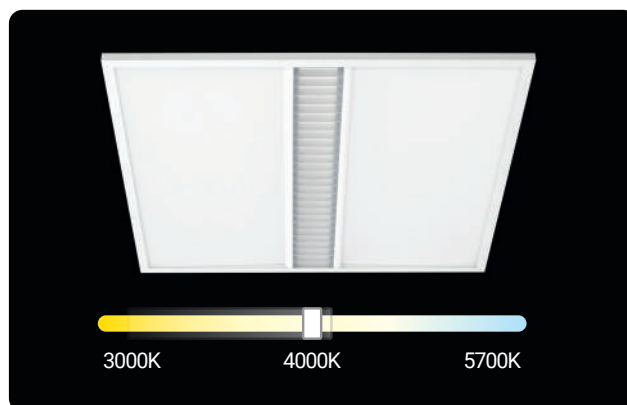
PHASE - Versions ON/OFF-E with Emergency KIT (autonomy 1 hours)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 80°	32W, 3550lm	80/Selector	ON/OFF	596x34x596	**0344110A-11**
ultra wide flood 80°	32W, 3550lm	80/Selector	ON/OFF-E	596x34x596	**0344110G-11**

PHASE - Versions DALI-E with Emergency KIT (autonomy 1 hours)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 80°	32W, 3550lm	80/Selector	DALI	596x34x596	**0344110B-11**
ultra wide flood 80°	32W, 3550lm	80/Selector	DALI-E	596x34x596	**0344110H-11**

LIGHTING DATA

Code: 0344110A-11
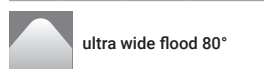
ultra wide flood 80°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	1,55	1,66	2107
1,50	2,32	2,49	936
2,00	3,09	3,32	527
2,50	3,86	4,15	337
3,00	4,64	4,98	234

OPTIC

ultra wide flood 80°
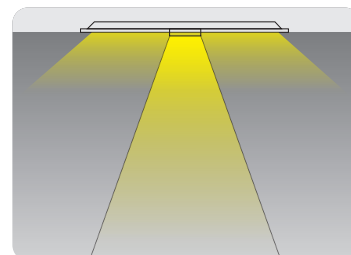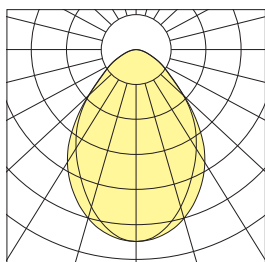
Optics system designed to ensure high performance and **minimize glare** (UGR<19).

*Fixture data (measured).

INDOOR

ACCESSORIES

DESCRIPTION	Code
Square white countertop for installation in smooth plasterboard ceilings.	**1099497X-11**
Square white frame 50 mm high for ceiling mounting (595x595x50).	**1099570X-11**
Spring kit for installation in plasterboard ceilings (KIT 4 pcs).	**1099744X**

1099570X-11

Square white frame 50 mm high for ceiling mounting.

1099497X-11

Square white countertop for installation in smooth plasterboard ceilings.

1099744X

Spring kit for installation in plasterboard ceilings (KIT 4 pcs).

WARRANTY 5 YEAR

WATERPROOF PRODUCTS FOR EVERY APPLICATION YOU NEED

Waterproof ceiling luminaires provide **high protection** against external factors such as dust, humidity and liquids, in environments with **high resistance to harsh conditions**, such as warehouses, production lines with dust or fumes, where there is humidity, temperature changes and there may be exposure to exhaust gases and aggressive and disinfectant fumes.

Compare models, choose the most suitable waterproof producst for your project.

Model	Hooks material	Body material	Ip index	Selector	Rated Ta (max Ta)	Wiring available	Efficiency up to
FLIPPER	Technopolymer	Polycarbonate	IP65	No	-20°C ÷ +25°C (45°)	ON/OFF	110lm/W
NOVA	Stainless steel	Polycarbonate	IP66	Power selector	-20°C ÷ +25°C (45°)	ON/OFF ON/OFF-E	160lm/W
NEFFPlus	Stainless steel	Polycarbonate	IP66	CCT 3000K, 4000K, 6500K	-20°C ÷ +25°C (45°)	ON/OFF ON/OFF-E DALI	140lm/W
THERMA	Stainless steel	PMMA	IP69K	No	-40°C ÷ +50°C	ON/OFF DIMM 1-10V	160lm/W
NOXIA	Stainless steel	Stainless steel	IP65	Power selector	-20°C ÷ +25°C (45°)	ON/OFF ON/OFF-E	150lm/W
E-GLOWPlus	Technopolymer	Polycarbonate	IP65	CCT 3000K, 4000K, 6500K	-20°C ÷ +25°C (45°)	ON/OFF ON/OFF-E DALI	140lm/W

Food industry

Chemical laboratories

FLIPPER

Functional and thin

NOVA

High performance (with power selector)

NEFFPlus

Strong (with CCT selector)

THERMA

For extreme environments (+50°/-40°)

NOXIA

Stainless steel with stainless steel body
(with power selector)

E-GLOWPlus

The modular waterproof system

INDUSTRY

Warehouse and logistics

Mechanical Workshops and Garages

FLIPPER

WARRANTY 5 YEAR

CE | IP65 | IK08 | 850°C | LOW FLICKER
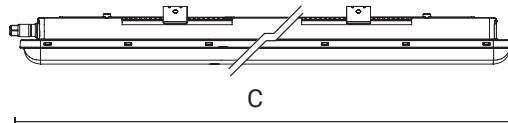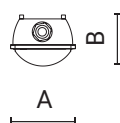
FLIPPER waterproof luminaire has been designed for practicality and functionality, especially for environments that require reliable operation and durability of the luminaire. Thanks to its robust and discreet design, it easily integrates into any environment, while ensuring a **very competitive price-quality ratio**. It is a universal choice for lighting industrial, commercial and technical spaces, where efficiency and economy are combined.

CHARACTERISTICS

- Body and diffuser made of polycarbonate resistant to the incandescent filament test at 850°C.
- Opal diffuser stabilized against UV rays.
- Fixture built in accordance with EN 60598-1 and EN 60598-2-1 standards.
- Fixture with efficiency up to 110lm/W.
- Long LED lifespan: >50,000 hours.

INSTALLATION

- Ceiling or wall mounting using stainless steel brackets or suspension.
- Panel connector for quick wiring.
- M20 cable gland.

Rated Ta (max Ta):	ON/OFF	-20°C ÷ +25°C (45°)

FLIPPER

INSTALLATION IN 4 STEPS
Simple, no tools required

1 | 2 | 3 | 4
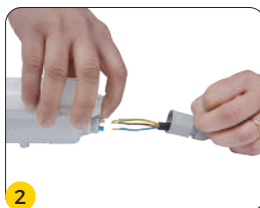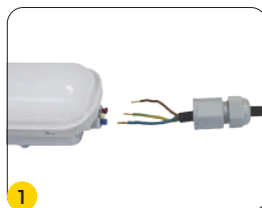
THE PACKAGE INCLUDES.

Hooks and mounting clips

FLIPPER

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	22W, 2550lm	80/4000K	ON/OFF	70x68x630	**0201017A-840-21**
extra wide flood 120°	36W, 4500lm	80/4000K	ON/OFF	70x68x1230	**0201018A-840-21**
extra wide flood 120°	47W, 5850lm	80/4000K	ON/OFF	70x68x1530	**0201019A-840-21**

LIGHTING DATA

Code: 0201017A — extra wide flood 120°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	2,00	3,00	4,00
1,50	6,52	4,04	313
2,00	8,70	5,39	176
2,50	10,87	6,73	113
3,00	13,04	8,08	78

Code: 0201018A — extra wide flood 120°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	4,29	2,63	1166
1,50	6,43	3,94	518
2,00	8,58	5,25	292
2,50	10,72	6,56	187
3,00	12,87	7,88	130

Code: 0201019A — extra wide flood 120°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	4,25	2,63	1630
1,50	6,38	3,95	724
2,00	8,50	5,27	408
2,50	10,63	6,59	261
3,00	12,75	7,90	181

*Fixture data (measured).

INDUSTRY

NOVA

POWER
SELECTOR
on all versions

CE | ⏚ | IP66 | IK08 | 850°C | LOW FLICKER
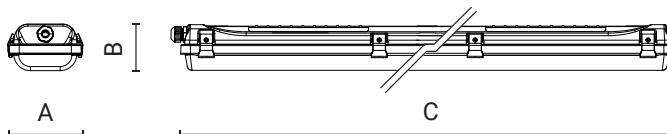
NOVA is a high-performance waterproof luminaire that combines innovation and durability to meet lighting needs in demanding environments. It features a practical integrated **power selector** that allows you to optimize energy consumption without compromising **energy efficiency**.

CHARACTERISTICS

- Body and diffuser made of polycarbonate resistant to the incandescent filament test at 850°C.
- Semi-transparent diffuser stabilized against UV rays.
- All versions are equipped with a power selector for optimized management of energy consumption and lighting values.
- Stainless steel closure hooks.
- Fixture built in accordance with EN 60598-1 and EN 60598-2-1 standards.
- Fixture with efficiency up to 160lm/W.
- Long LED lifespan: >50,000 hours.

INSTALLATION

- Ceiling or wall mounting using stainless steel brackets with included hooks, or suspension with KIT to be ordered separately: Code 1099576X.
- M20 cable gland.

NOTE: ● **Versions with 6500K LED.**

Rated Ta (max Ta):	ON/OFF	-20°C ÷ +25°C (45°)
	ON/OFF-E	+5°C ÷ +25°C (40°)

Stainless steel closure hooks.

THE PACKAGE INCLUDES.

Hooks and mounting clips.

COMFORT OPAL DIFFUSOR
(OPTIONAL ACCESSORY)

Made of **opal** polycarbonate with a pleasant ribbed finish, it reduces the lighting performance (-6%), improving visual comfort. This accessory is suitable for installations in indoor passage or waiting areas for staff or customers.

LIGHTING DATA

Code: 0201061A				**Code: 0201062A-840**				**Code: 0201062A-865**			
extra wide flood 120°				extra wide flood 120°				extra wide flood 120°			
H (m)	Ø1 (m)	Ø2 (m)	Lux (max)	H (m)	Ø1 (m)	Ø2 (m)	Lux (max)	H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	3,71	2,49	1675	1,00	3,71	2,49	2924	1,00	3,64	2,51	2762
1,50	5,57	3,73	744	1,50	5,57	3,73	1299	1,50	5,46	3,77	1228
2,00	7,43	4,97	419	2,00	7,43	4,97	731	2,00	7,28	5,03	691
2,50	9,29	6,22	268	2,50	9,29	6,22	468	2,50	9,09	6,29	442
3,00	11,14	7,46	186	3,00	11,14	7,46	325	3,00	10,91	7,54	307

NOVA

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	20W, 3100lm	80/4000K	ON/OFF	120x80x636	**0201060A-840-21**
extra wide flood 120°	36W, 5900lm	80/4000K	ON/OFF	120x80x1236	**0201061A-840-21**
extra wide flood 120°	60W, 8600lm	80/4000K	ON/OFF	120x80x1536	**0201062A-840-21**
extra wide flood 120°	60W, 9000lm	80/6500K ●	ON/OFF	120x80x1536	**0201062A-865-21**

NOVA EM - with Emergency KIT (SE/SA - autonomy 3 hours)

Optic	Luminaire*	(values in emergency)	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	20W, 3100lm	(184lm x 3 ore)	80/4000K	ON/OFF-E	120x80x636	**0201060G-840-21**
extra wide flood 120°	36W, 5900lm	(290lm x 3 ore)	80/4000K	ON/OFF-E	120x80x1236	**0201061G-840-21**
extra wide flood 120°	60W, 8600lm	(326lm x 3 ore)	80/4000K	ON/OFF-E	120x80x1536	**0201062G-840-21**

NOVA SNS - with Motion and Twilight Sensor

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	20W, 3100lm	80/4000K	ON/OFF-SNS	120x80x636	**0201060S-840-21**
extra wide flood 120°	36W, 5900lm	80/4000K	ON/OFF-SNS	120x80x1236	**0201061S-840-21**
extra wide flood 120°	60W, 8600lm	80/4000K	ON/OFF-SNS	120x80x1536	**0201062S-840-21**

INDUSTRY

*Fixture data (measured).

NOVA

Selector setting

Technical diagram for power setting.

The power selector is accessible upon opening the luminaire (wiring compartment). The setting can be modified at any time, even after installation (always with the fixture turned off).

Position PIN		SELECTABLE POWER (fluorescent tube replacement)		
1	2	636 mm	1236 mm	1536 mm
ON	ON	11W / 1800lm equivalent 1x18W	20W / 3500lm equivalent 1x36W	34W / 5200lm equivalent 1x58W
ON	OFF	14W / 2200lm	26W / 4300lm	43W / 6200lm
OFF	ON	17W / 2600lm	31W / 5000lm	51W / 7300lm
OFF	OFF	20W / 3100lm equivalent 2x18W	36W / 5900lm equivalent 2x36W	60W / 8600lm equivalent 2x58W
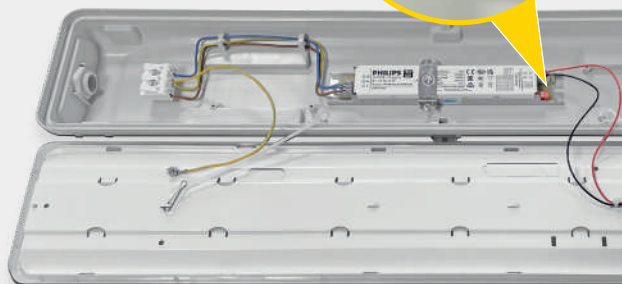
Sensor Setting

Technical diagram for sensor setting.

On versions equipped with a Motion and Twilight Sensor, it is possible to accurately customize the **sensitivity, duration, and illumination threshold** by directly adjusting the settings panel located in the wiring compartment. The setting can be modified at any time, even after installation.

Position PIN		1	2
Sensibility	25%	OFF	OFF
	50%	ON	OFF
	75%	OFF	ON
	100%	ON	OFF

Position PIN		3	4	5
Duration	5 s	ON	ON	ON
	30 s	OFF	ON	ON
	90 s	ON	OFF	ON
	5 min	OFF	OFF	ON
	20 min	ON	ON	OFF
	30 min	OFF	OFF	OFF

Position PIN		6	7	8
Threshold illuminance	Low (2 lx)	ON	ON	ON
	Medium-Low (10 lx)	ON	ON	OFF
	Medium-High (30 lx)	OFF	ON	OFF
	High (50 lx)	ON	OFF	OFF
	OFF	OFF	OFF	OFF

ACCESSORIES

DESCRIPTION	Code
COMFORT Opal diffuser (rigid finish) for NOVA luminaire. **Length 636mm**	1099633X
COMFORT Opal diffuser (rigid finish) for NOVA luminaire. **Length 1236mm**	1099634X
COMFORT Opal diffuser (rigid finish) for NOVA luminaire. **Length 1536mm**	1099635X
Connector with cable gland for Ø 20mm pipe.	1099664X
Suspension ropes (2 pcs).	1099576X

1099664X

NEFF Series

iC **illuminazione commerciale.it**

by **Arcluce**
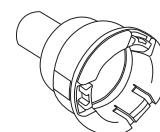
NEFFEasy NEFFHP NEFFPlus

NEFF is **ultra-rugged** waterproof ceiling luminaires that guarantee reliability and durability. Available in three versions: Easy, HP and Plus.

CE | ⏚ | IP66 | IK08 | 850°C | LOW FLICKER

Choose the NEFF that best suits your project.

Model	Hooks material	Panel Connector	CCT Selector	Available wiring	Lumen max
NEFFEasy	Technopolymer	Internal	No	ON/OFF ON/OFF-E	7650
NEFFHP	Stainless Steel	External	No	ON/OFF	10000
NEFFPlus	Stainless Steel	External	3000K, 4000K, 6500K	ON/OFF ON/OFF-E DALI	7650

NEFF Series. **Quality laid bare!**
Simple design, incredible durability.

1
2
3
4
5
6

Designed for rear access.

Stainless steel closure clips
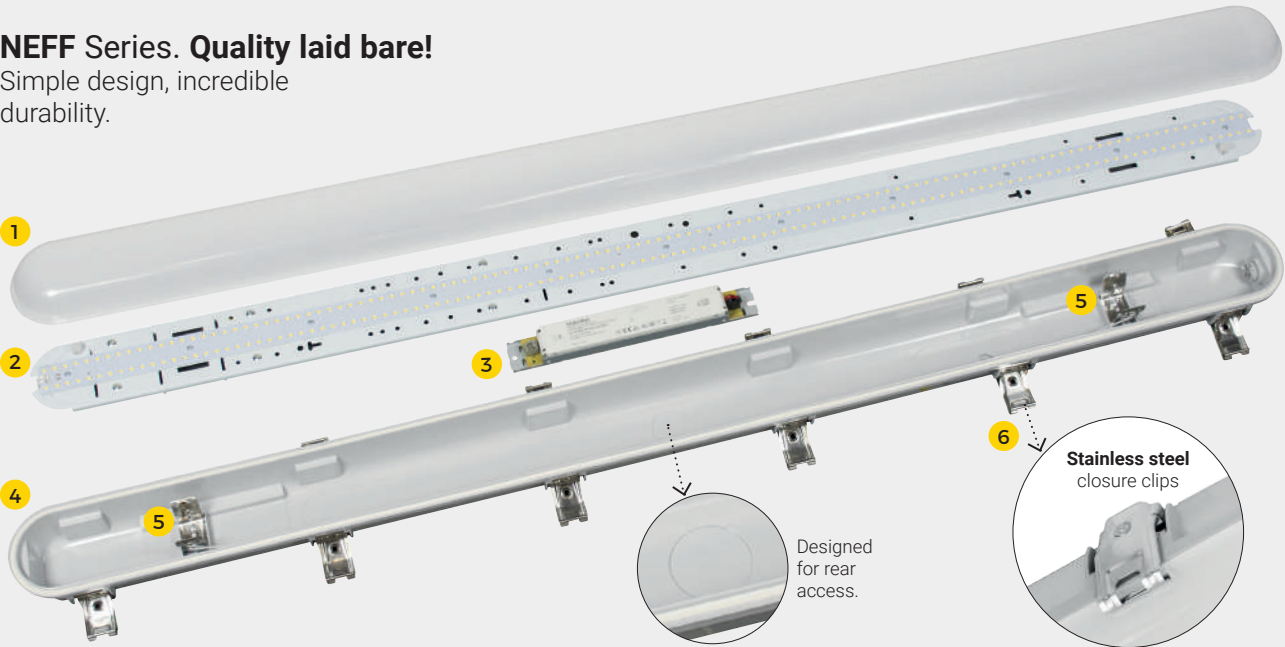
1 Injection-molded opal polycarbonate diffuser with high light transmittance, UV-stabilized. Smooth exterior finish for easy cleaning and ribbed interior for optimal light distribution. High resistance to mechanical impacts.

2 Equipped with an SMD2835 LG LED board arranged in two rows for uniform light distribution and improved heat dissipation.

3 LOW FLICKER driver with integrated color temperature selector. Power factor >0.9.

4 Injection-molded polycarbonate housing in RAL7035, UV-stabilized, with high mechanical impact resistance..

5 Internal clips for quick and secure LED board mounting..

6 Stainless steel closure clips.

INDUSTRY

NEFFEasy

WARRANTY
5
YEAR
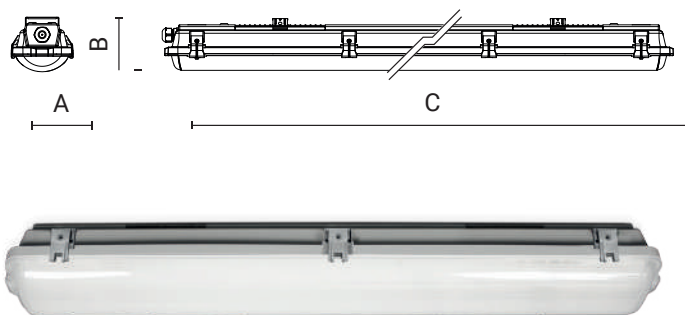
Waterproof ceiling luminaire with **technopolymer fixtures**.
Also available with a 6500 K colour temperature.
High-quality design at a competitive price.

CE | ⏚ | IP66 | IK08 | 850°C | LOW FLICKER

CHARACTERISTICS

- Body and diffuser made of polycarbonate resistant to the incandescent wire test at 850°C.
- UV-stabilized opal diffuser.
- Technopolymer closure clips.
- Fixture built in compliance with EN 60598-1 and EN 60598-2-1 standards.
- Fixture with efficiency up to 140lm/W.
- Long LED lifespan: >50,000 hours.

INSTALLATION

- Ceiling or wall mounting with stainless steel brackets or suspended installation.
- Panel connector for quick wiring.
- M20 cable gland.

Rated Ta (max Ta):	ON/OFF	-20°C ÷ +25°C (45°)

NEFFEasy

NEFFEasy

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	50W, 6600lm	80/4000K	ON/OFF	102x81x1506	**0201023A-840-21**
extra wide flood 120°	55W, 7650lm	80/4000K	ON/OFF	102x81x1506	**0201040A-840-21**
extra wide flood 120°	58W, 6600lm	80/4000K	ON/OFF-E**	102x81x1506	**0201008G-840-21**

LIGHTING DATA

Code: 0201040A

extra wide flood 120°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	4,62	2,68	2351
1,50	6,93	4,02	1045
2,00	9,24	5,37	588
2,50	11,55	6,71	376
3,00	13,87	8,05	261

Technopolymer hooks.

THE PACKAGE INCLUDES

Hooks and mounting clips.

*Fixture data (measured).   **Emergency.

NEFFHP

iC **illuminazione commerciale**.*it*

by **Arcluce**
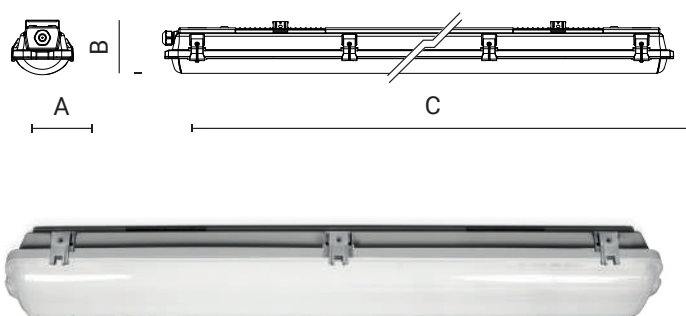
Ultra-rugged waterproof ceiling luminaire with **stainless steel fixtures**. High-performance version - 62V and up to 10,000 lumens.

CE | ⏚ | IP66 | IK08 | 850°C ↓ | LOW FLICKER

CHARACTERISTICS

• Body and diffuser made of polycarbonate resistant to the incandescent wire test at 850°C.
• UV-stabilized opal diffuser.
• Stainless steel closure hooks.
• Fixture built in compliance with EN 60598-1 and EN 60598-2-1 standards.
• Fixture with efficiency up to 160lm/W.
• Long LED lifespan: >50,000 hours.

INSTALLATION

• Ceiling or wall mounting with stainless steel brackets or suspended installation.
• Panel connector for quick wiring.
• M20 cable gland.

Rated Ta (max Ta):	ON/OFF	-20°C ÷ +25°C (45°)

NEFFHP/Plus

✗ 🪛 **INSTALLATION IN 4 STEPS**
Simple, no tools required!

① ② ③ ④

NEFFHP

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
HIGH PERFORMANCE Version	up to 10000lm				
extra wide flood 120°	62W, 10000lm	80/4000K	ON/OFF	102x81x1506	**0201020A-840-21**

LIGHTING DATA - NEFF HP

Code: 0201020A

extra wide flood 120°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	4,08	2,85	3026
1,50	6,12	4,27	1345
2,00	8,17	5,69	756
2,50	10,21	7,11	484
3,00	12,25	8,54	336

Stainless steel closure hooks.

THE PACKAGE INCLUDES

Hooks and mounting clips.

INDUSTRY

*Fixture data (measured).   **Emergency.

NEFFPlus
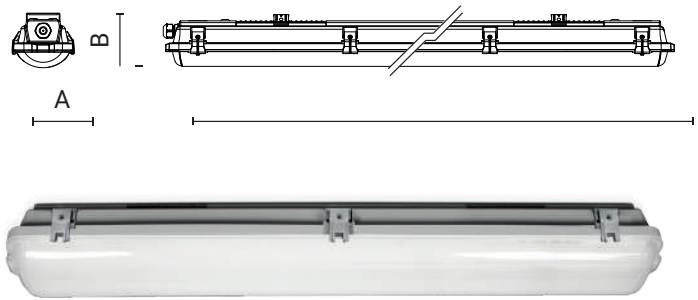
Ultra-rugged waterproof ceiling luminaire with **stainless steel fixtures**. Integrated CCT selector with selectable spectra: 3000 K, 4000 K and 6500 K.

CE | ⏚ | IP66 | IK08 | 850°C | CCT SELECTOR | LOW FLICKER

CHARACTERISTICS

- Body and diffuser made of polycarbonate resistant to the incandescent wire test at 850°C.
- UV-stabilized opal diffuser.
- Stainless steel closure hooks.
- Fixture built in compliance with EN 60598-1 and EN 60598-2-1 standards.
- Fixture with efficiency up to 140lm/W.
- Long LED lifespan: >50,000 hours.

INSTALLATION

- Ceiling or wall mounting with stainless steel brackets or suspended installation.
- Panel connector for quick wiring.
- M20 cable gland.

NOTA: Also available in versions with wiring **DALI (B)**, **ON/OFF-E (G)**

Rated Ta (max Ta):	ON/OFF	-20°C ÷ +25°C (45°)

NEFFPlus - with 80CRI

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	15W, 2050lmm	80/Selector	ON/OFF	102x81x636	**0201014A-21**
extra wide flood 120°	34W, 4550lmm	80/Selector	ON/OFF	102x81x1176	**0201015A-21**
extra wide flood 120°	34W, 4550lmm	80/Selector	DALI	102x81x1176	**0201015B-21**
extra wide flood 120°	54W, 7850lmm	80/Selector	ON/OFF	102x81x1506	**0201016A-21**
extra wide flood 120°	54W, 7850lmm	80/Selector	DALI	102x81x1506	**0201016B-21**

NEFFPlus - with 90CRI

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	15W, 1650lmm	90/Selector	ON/OFF	102x81x636	**0201047A-21**
extra wide flood 120°	34W, 4200lmm	90/Selector	ON/OFF	102x81x1176	**0201048A-21**
extra wide flood 120°	54W, 7200lmm	90/Selector	ON/OFF	102x81x1506	**0201049A-21**

NEFFPlus - with Emergency KIT (SE/SA - autonomy 3 hours)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	37W, 4600lmm	80/Selector	ON/OFF-E	102x81x1176	**0201015G-21**
extra wide flood 120°	57W, 7850lmm	80/Selector	ON/OFF-E	102x81x1506	**0201016G-21**

CCT SELECTOR

NEFFPlus with CCT selector is much more versatile than other similar products. This option allows:

• Reduce storage space by a third, as the same product includes several product versions.
• The spectrum can be changed according to customer requirements even after installation, simply by adjusting the setting.
• By reducing the amount of stock in the warehouse, the need to buy multiple versions of the same product is also sustainably reduced.

3000K   4000K   6500K

CCT SELECTOR
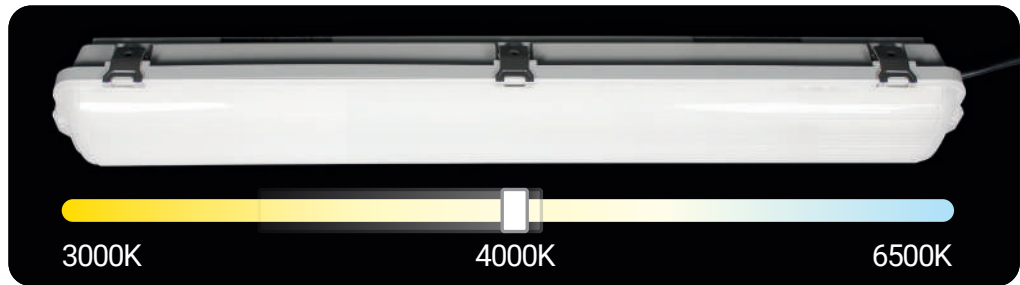
LIGHTING DATA - NEFF Plus

Code: 0201015A

extra wide flood 120°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	3,83	2,68	1376
1,50	5,74	4,02	611
2,00	7,65	5,37	344
2,50	9,56	6,71	220
3,00	11,48	8,05	153

Code: 0201016A

extra wide flood 120°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	3,76	2,68	2370
1,50	5,64	4,02	1053
2,00	7,52	5,37	592
2,50	9,40	6,71	379
3,00	11,28	8,05	263

Code: 0201014A

extra wide flood 120°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	4,08	2,85	523
1,50	6,12	4,27	232
2,00	8,17	5,69	131
2,50	10,21	7,11	84
3,00	12,25	8,54	58

Stainless steel closure hooks.

PROMO DISPLAY

Waterproof Ceiling luminaire in configurable KIT

The Waterproof Ceiling Light **PROMO DISPLAY** *is the ideal solution for the dynamic management of this product category within retail spaces.*

Made of sturdy cardboard and firmly anchored to the included wooden pallet, it features a practical honeycomb structure designed to keep the ceiling lights perfectly positioned, even when only one remains.

The PROMO DISPLAY is available in a customizable configuration for NEFF and E-GLOW Plus products.

Contact us for more details

The **PROMO DISPLAY** *is delivered complete with a custom Arcluce-branded natural brown cardboard shell and transparent shrink film.*

INDUSTRY

THERMA/THERMAEasy

WARRANTY 5 YEAR

Fino a **+50 -40**

CE · IP69K · IK08 · LOW FLICKER
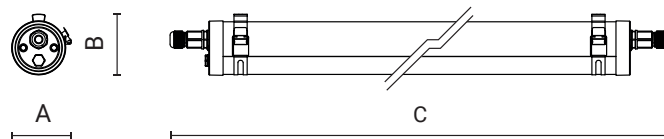
THERMA/ THERMAEasy) - a technical ceiling luminaire with a single housing, designed for **extreme temperature conditions**, reliably operates in environments with large fluctuations, ensuring optimal operation from -40 °C to +50 °C (THERMA) and from -25 °C to +25 °C (THERMAEasy). **Resistance class IP69K**.

CHARACTERISTICS

- Body and diffuser made of opal PMMA, resistant to aggressive acidic or highly alkaline agents.
- Stainless steel end caps and hooks.
- Anti-condensation valve.
- Dual M20 cable gland.
- Fixture built in compliance with EN 60598-1 and EN 60598-2-1 standards, with CE marking in accordance with EU directives.
- Fixture with efficiency up to 160lm/W.
- Long LED lifespan >50,000 hours.

INSTALLATION

- Ceiling or wall installation with stainless steel hooks.
- Dual panel connector for quick wiring, allowing for cascade connection.

NOTE: Do not install the fixtures on surfaces subject to strong vibrations.
Do not install the fixture outdoors exposed to direct sunlight.
For chemical resistance, please request the compatibility data sheet.

Rated Ta (max Ta):	Therma	-40°C ÷ +50°C
	Therma Easy	-20°C ÷ +25°C (40°)

THERMA - Up to -40° / + 50°

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	40W, 6200lm	80/4000	ON/OFF	75x75x1210	**0201081A-840-11**
extra wide flood 120°	50W, 7750lm	80/4000	ON/OFF	75x75x1510	**0201082A-840-11**

THERMAEasy - Up to -20° / +25° (40°)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	40W, 6200lm	80/4000	DIMM 1-10V	75x75x1210	**0201091D-840-11**
extra wide flood 120°	50W, 7750lm	80/4000	DIMM 1-10V	75x75x1510	**0201092D-840-11**
extra wide flood 120°	40W, 5800lm	80/3000	DALI	75x75x1210	**0201091B-830-11**
extra wide flood 120°	50W, 7250lm	80/3000	DALI	75x75x1510	**0201092B-830-11**

THERMA (Resistence class IP69K)
The cylindrical design is specifically engineered to prevent the accumulation of dust and dirt on the surfaces. THERMA has an IP69K protection rating, making it easy to clean, even with high-pressure water jets (pressure washers).

THERMA
Up to -40° / +50°
Specifically designed for cold storage rooms and greenhouses.

THERMA Easy
Up to -20° / +25° (40°)
Designed for livestock facilities.

Wiring with 1-10V DIMM control, DALI

Dual panel connector for quick wiring, allowing for cascade connection, with an IP68 protection rating.

LIGHTING DATA

Code: 0201081A

extra wide flood 120°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	2,82	5,21	1683
1,50	4,24	7,82	748
2,00	5,65	10,42	421
2,50	7,06	13,03	269
3,00	8,47	15,63	187

Code: 0201082A

extra wide flood 120°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1,00	2,82	5,21	2103
1,50	4,24	7,82	935
2,00	5,65	10,42	526
2,50	7,06	13,03	337
3,00	8,47	15,63	234
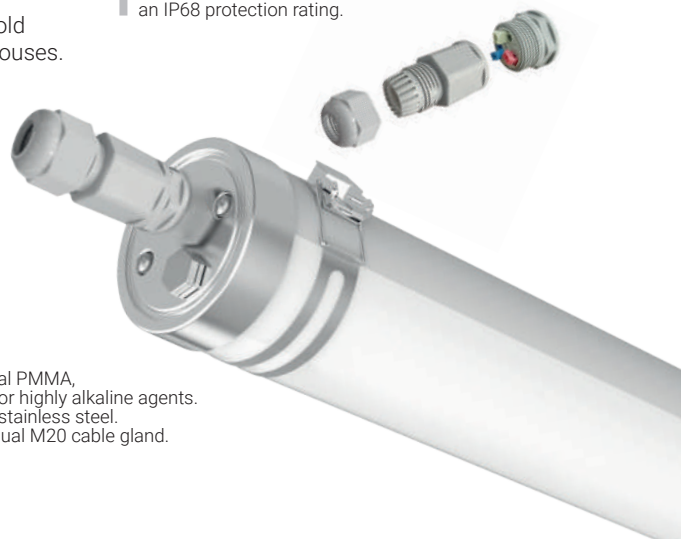
THERMA (Materials)
Body and diffuser made of opal PMMA, resistant to aggressive acidic or highly alkaline agents. End caps and hooks made of stainless steel. Anti-condensation valve and dual M20 cable gland.

*Fixture data (measured).

Food greenhouses

Live stocks facilities

Cold storage rooms

Wine Cellars

Car washes

INDUSTRY

NOXIA

WARRANTY 5 YEAR

made of 304 stainless steel

CE | ⏚ | IP65 | IK08 | 850°C | LOW FLICKER
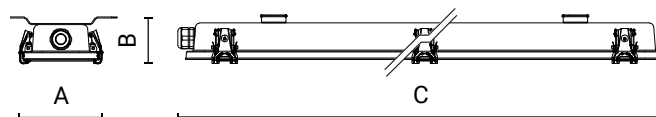
NOXIA - a high-quality waterproof ceiling luminaire with a stainless steel housing, characterized by strength and durability. It is **made of stamped and painted 304 stainless steel**, with a tempered glass, impact-resistant diffuser, or a UV stabilized opal polycarbonate diffuser.

CHARACTERISTICS

- Body made of 304 stainless steel, stamped and painted.
- Stainless steel closure hook.
- UV-stabilized anti-yellowing powder coating.
- Silicone rubber seals.
- Tempered glass diffuser resistant to thermal shock or UV-stabilized opal polycarbonate. Resistant to the incandescent wire test at 850°C, self-extinguishing V0.
- High-quality LED sources characterized according to IES TM-30 methodology, with high color consistency <3SDCM and long lifespan >60,000 hours with L80.
- Fixture built in compliance with EN 60598-1 and EN 60598-2-1 standards, with CE marking in accordance with EU directives.

INSTALLATION

- Ceiling or wall installation.
- M20 steel cable gland.
- Mounting to ceiling or wall using stainless steel brackets with included hooks, or suspended installation with KIT available separately: Code 1099576X

NOTA: Also avaible with wiring **DALI (B)**

All codes are available in EMERGENCY version.
Replace the letter **"A"** in the code with the letter "**G**" (SE/SA) (3 hours).

Rated Ta (max Ta):	ON/OFF	-20°C ÷ +25°C (45°)
	ON/OFF-E	+5°C ÷ +25°C (40°)

NOXIA - Glass diffuser

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	40W, 6000lm	840	ON/OFF	122x58x1290	**0212011A-840-11**
extra wide flood 120°	60W, 9000lm	840	ON/OFF	122x58x1590	**0212012A-840-11**

NOXIA - PC diffuser

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 120°	40W, 5600lm	840	ON/OFF	122x80x1290	**0212001A-840-11**
extra wide flood 120°	60W, 8400lm	840	ON/OFF	122x80x1590	**0212002A-840-11**

LIGHTING DATA

Code: 0212012A

extra wide flood 120°

H (m)	Ø1 (m)	Lux (max)
1,00	3,00	3594
1,50	4,50	1597
2,00	5,00	898
2,50	7,49	575
3,00	8,99	399

Code: 0212002A

extra wide flood 120°

H (m)	Ø1 (m)	Lux (max)
1,00	3,65	2550
1,50	5,47	1133
2,00	7,29	637
2,50	9,12	408
3,00	10,94	283

NOXIA
Flat tempered glass diffuser.

Suitable for installations exposed to direct sunlight.

NOXIA
Shaped opal polycarbonate diffuser.

Suitable for the food industry: IFS, BRC, HACCP.

*Fixture data (measured).

Selector Setting

Technical schematic selector configuration for power setting

Position PIN		SELECTABLE POWER			
		GLASS	**GLASS**	**POLYCARBONATE**	**POLYCARBONATE**
1	**2**	**1290 mm**	**1590 mm**	**1290 mm**	**1590 mm**
ON	**ON**	25W / 3800lm	45W / 6800lm	25W / 3500lm	45W / 6300lm
ON	**OFF**	30W / 4500lm	50W / 7500lm	30W / 4200lm	50W / 7000lm
OFF	**ON**	35W / 5200lm	53W / 7900lm	35W / 4900lm	53W / 7400lm
OFF	**OFF**	40W / 6000lm	60W / 9000lm	40W / 5600lm	60W / 8400lm

ACCESSORIES

DESCRIPTION	Code
Suspension cable KIT (2 pieces).	**1099576X**

1099576X

■ Livestock facilities

■ Food industry

INDUSTRY

IP65 Modular System (waterproof)
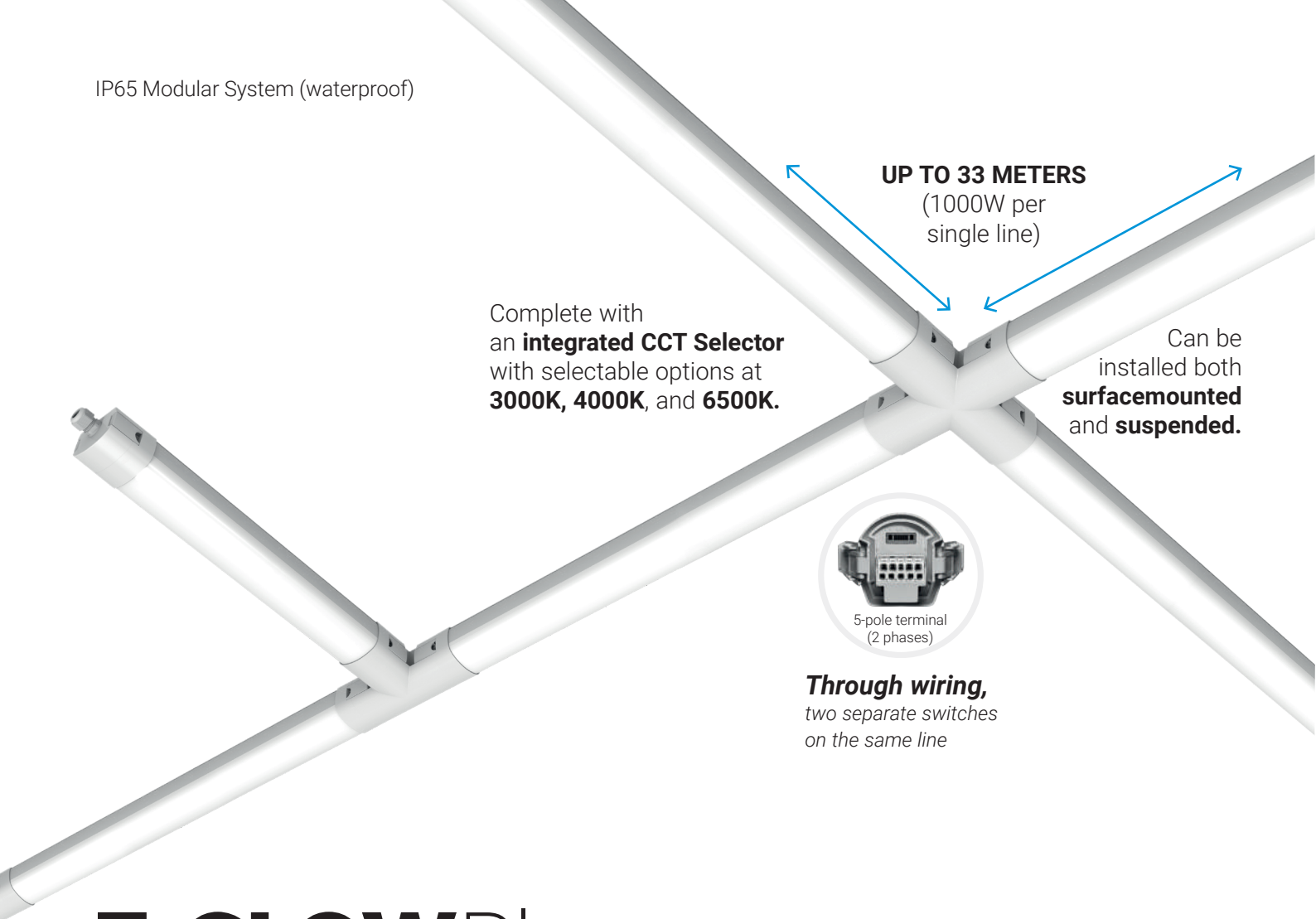
UP TO 33 METERS
(1000W per
single line)

Complete with
an **integrated CCT Selector**
with selectable options at
3000K, 4000K, and **6500K.**

Can be
installed both
surfacemounted
and **suspended.**

5-pole terminal
(2 phases)
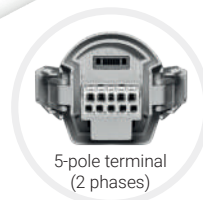
Through wiring,
*two separate switches
on the same line*

E-GLOWPlus
SYSTEM

Thanks to the **selector** on the end cap, you can choose between warm light (3000K), neutral light (4000K), or cool white light (up to 6500K), adapting it to any commercial sector while keeping the same installed product.With its sleek, linear, and unobtrusive design, it is suitable not only for industrial environments but also for commercial display areas.

- The lighting modules are pre-wired with a dual push-in terminal, allowing for cascade connection up to 1000W per run.

- With the complete range of IP65 accessories, you can create various lighting layouts, ensuring uniform illumination of display areas without the need for additional exposed conduits.

- All accessories feature a quick-snap connection to the lighting module, eliminating the need for tools during installation.

- You can install it suspended using the included triangular steel brackets, allowing for the use of chains or cables of your choice.
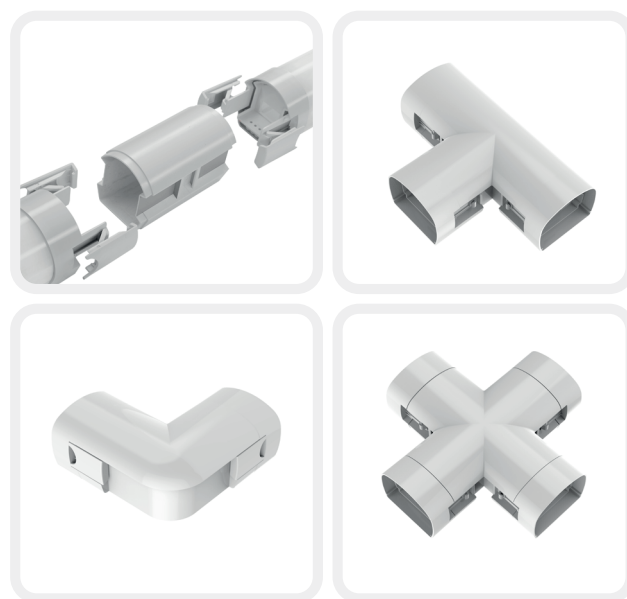
4 practical connectors for endless lighting solutions.

- For a quick and practical surface-mount installation, use the quick-lock stainless steel brackets (included), which slide along the entire length of the lighting module, eliminating the need for fixed drilling points in the ceiling.

- The low-flicker driver ensures excellent visual comfort in workplaces, such as production lines with on-site personnel.

APPLICATION AREAS

E-GLOW Plus is a lighting solution that can be installed either as a single unit or in a modular configuration. Installation examples based on the version: **SYSTEM** *using practical connectors for flexible installations,* **LINEAR** *pre-wired for cascade connection.*

Supermarkets

Shopping centers

Technical workshops and Manufacturing labs

Warehouse and logistics

INDUSTRY

E-GLOWPlus

WARRANTY 5 YEAR
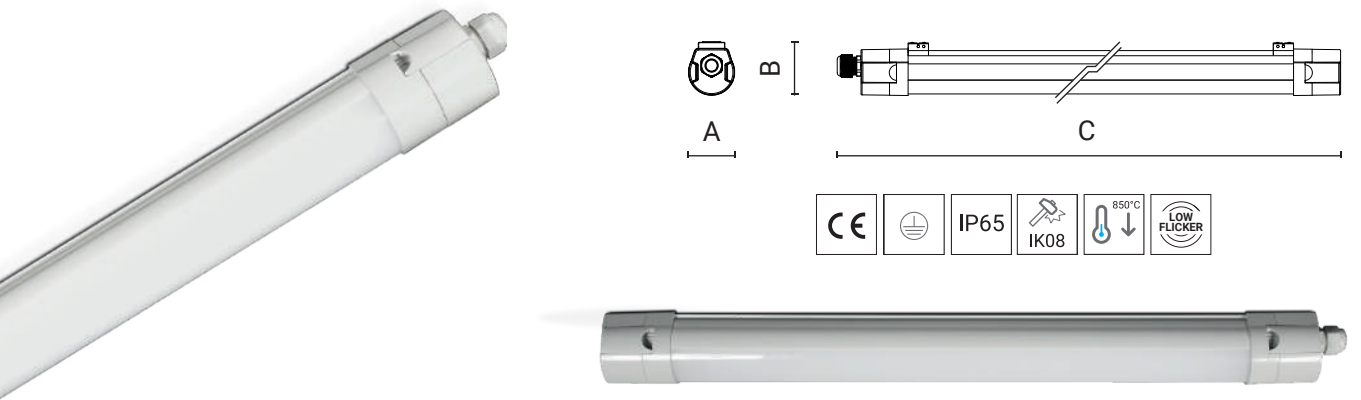
E-GLOW is a ready-to-connect ceiling light with **advanced technology,** designed to ensure maximum convenience and installation flexibility, with an integrated **CCT selector** that allows you to choose from a variety of light color temperatures (3000 K, 4000 K and 6500 K).

CHARACTERISTICS

- Body and diffuser made of polycarbonate, resistant to the incandescent wire test at 850°C.
- UV-stabilized opal diffuser.
- Fixture built in compliance with EN 60598-1 and EN 60598-2-1 standards.
- Fixture with efficiency up to 140lm/W.
- Long LED lifespan: >50,000 hours.

INSTALLATION

- Ceiling or wall mounting via stainless steel brackets or suspended installation.
- Panel connector for quick wiring.
- M20 cable gland (option for double cable gland for cascade connection).
- Pre-wired fixture for cascade connection.

Rated Ta (max Ta):	ON/OFF	-20°C ÷ +25°C (45°)
	ON/OFF-E	+5°C ÷ +25°C (40°)

E-GLOWPlus

INSTALLATION IN 4 STEPS
Simple, no tools required!

THE PACKAGE INCLUDES

Cable gland, hooks, mounting clips.
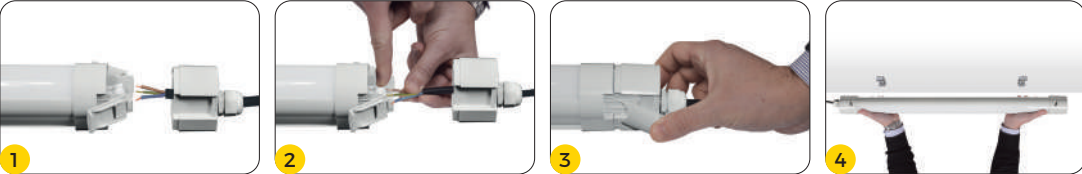
1 Cable gland for standard electrical connection.

2 The opposite side is pre-wired with provisions for cascade connection and includes a CCT selector (cable gland accessory included in the package).
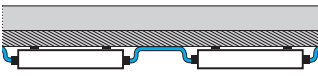
Installations up to 1000W per single line.

LIGHTING DATA

THE WATERTIGHT MODULAR SYSTEM WITH CONVENIENT CCT SELECTOR
Thanks to the CCT selector, it is far more versatile than similar products, as this feature allows you to customise the light colour temperature (with settings at 3000K, 4000K, and 6500K).

Code: 0201011A — extra wide flood 115°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1	4,62	2,85	591
1,5	6,93	4,27	263
2	9,24	5,7	148
2,5	11,54	7,12	95
3	13,85	8,55	66

Code: 0201037A — extra wide flood 115°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1	4,69	2,80	1186
1,5	7,03	4,21	527
2	9,38	5,61	297
2,5	11,72	7,01	190
3	14,07	8,41	132

Code: 0201038A — extra wide flood 115°

H (m)	Ø1 (m)	Ø2 (m)	Lux (max)
1	4,66	2,84	1694
1,5	6,99	4,26	753
2	9,33	5,68	423
2,5	11,66	7,09	271
3	13,99	8,51	188

3000K   4000K   6500K

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by **Arcluce**

LINEAR - For **single installations** or daisy-chain connections (version with end caps included).

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
GREY colour (-21)					
extra wide flood 115°	17W, 2100lm	80/Selector	ON/OFF	67x80x650	**0201036A-21**
extra wide flood 115°	33W, 4200lm	80/Selector	ON/OFF	67x80x1200	**0201037A-21**
extra wide flood 115°	33W, 4200lm	80/Selector	ON/OFF-E	67x80x1200	**0201037G-21***
extra wide flood 115°	50W, 6000lm	80/Selector	ON/OFF	67x80x1500	**0201038A-21**
WHITE colour (-11)					
extra wide flood 115°	17W, 2100lm	80/Selector	ON/OFF	67x80x650	**0201036A-11**
extra wide flood 115°	33W, 4200lm	80/Selector	ON/OFF	67x80x1200	**0201037A-11**
extra wide flood 115°	33W, 4200lm	80/Selector	ON/OFF-E	67x80x1200	**0201037G-11***
extra wide flood 115°°	50W, 6000lm	80/Selector	ON/OFF	67x80x1500	**0201038A-11**

**Product with cascade connection at 5-pole terminal (2 phases) ***Product with EMERGENCY (SE/SA 3 hours).

SYSTEM - For **system installations** (without end caps, accessories to be ordered separately).

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
DALI version (for optimized energy savings and better light flow control).					
extra wide flood 115°	17W, 2100lm	80/Selector	DALI	67x80x542	**0201030B-21**
extra wide flood 115°	33W, 4200lm	80/Selector	DALI	67x80x1094	**0201031B-21**
extra wide flood 115°	50W, 6000lm	80/Selector	DALI	67x80x1395	**0201032B-21**
Structural module **GREY** colour (-21)					
Structural module (without light source)	-	-		67x80x543	**0201033X-21**
Structural module (without light source)	-	-		67x80x1092	**0201034X-21**
Structural module (without light source)	-	-		67x80x1392	**0201035X-21**
Structural module **WHITE** colour (-11)					
Structural module (without light source)	-	-		67x80x543	**0201033X-11**
Structural module (without light source)	-	-		67x80x1092	**0201034X-11**
Structural module (without light source)	-	-		67x80x1392	**0201035X-11**

CONNECTION JOINTS

1 **E-GLOW Plus** is now available with standard through-wiring, allowing two separate switchings on the same **line.**

5-pole terminal (2 phases)

2 **AVAILABLE COLORS**
Grey ● 21 (-21)
White ○ 11 (-11)

3 Also available in the **EMERGENCY** version.
Code **0201037G**

1099507X

1099519X

1099520X

1099521X

1099568X

1099569X

1099576X

INDUSTRY

ACCESSORIES

DESCRIPTION	Code	Weight
Suspension cables 3m (2pcs)	**1099576X**	-
ACCESSORIES GREY COLOUR		
Linear connector	**1099507X-21**	0,05kg
90° corner connector	**1099519X-21**	0,08kg
T-connector	**1099520X-21**	0,01kg
Cross connector	**1099521X-21**	0,13kg
End cap with cable gland	**1099568X-21**	0,04kg
Blind connector	**1099569X-21**	0,03kg

DESCRIZIONE	Codice	Peso
ACCESSORIES WHITE COLOUR		
Linear connector	**1099507X-11**	0,05kg
90° corner connector	**1099519X-11**	0,08kg
T-connector	**1099520X-11**	0,01kg
Cross connector	**1099521X-11**	0,13kg
End cap with cable gland	**1099568X-11**	0,04kg
Blind connector	**1099569X-11**	0,03kg

*Fixture data (measured).

AIRONPlus

power selector switch

CE | ⏚ | IP65
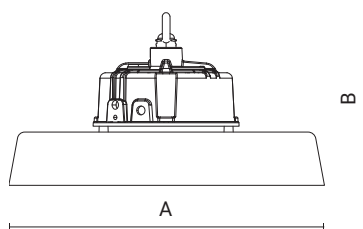
AIRON PLUS High-performance industrial high bay light, now offered in new versions with a **power selector switch** that allows you to choose different settings of 120 W, 160 W and 200 W, and a flux intensity of up to 33,500 lumens.

CHARACTERISTICS

- Die-cast aluminum body.
- Long LED lifespan: >50,000h.
- Fixture built in accordance with EN 60598-1 and EN 60598-2-1 standards.
- Driver with surge protection.

INSTALLATION

- Ceiling or suspended installation.
- Fixing via eye hook.

Rated Ta (max Ta):	ON/OFF	-20°C ÷ +25°C (45°)
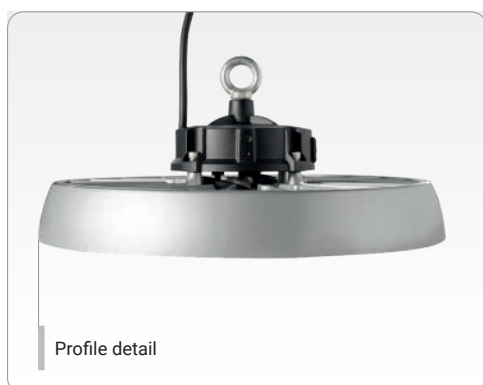
Profile detail
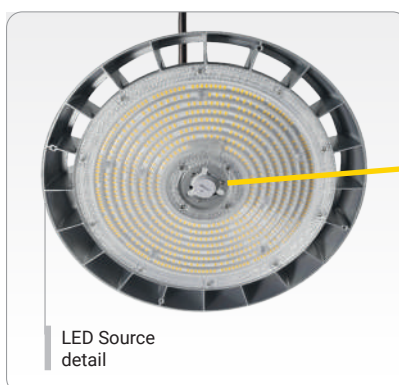
LED Source detail

Expansion slot for sensor module installation (optional).

AIRONPlus

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 60°	200W, 33500lm	80/4000K	ON/OFF	330x115x165	**0202232A-840-21**
ultra wide flood 90°	200W, 33300lm	80/4000K	ON/OFF	330x115x165	**0202230A-840-21**
extra wide flood 120°	200W, 33000lm	80/4000K	ON/OFF	330x115x165	**0202231A-840-21**

LIGHTING DATA

Code: 0202232A (200W) — wide flood 60°

H (m)	Ø (m)	Lux (max)
2,00	2,14	6955
4,00	4,29	1739
6,00	6,43	773
8,00	8,58	435
10,00	10,72	278

WATT	Lumen
120W	20900lm
160W	26700lm
200W	33000lm

Code: 0202230A (200W) — ultra wide flood 90°

H (m)	Ø (m)	Lux (max)
2,00	3,65	3935
4,00	7,31	984
6,00	10,96	437
8,00	14,61	246
10,00	18,26	157

WATT	Lumen
120W	21300lm
160W	27000lm
200W	33300lm

Code: 0202231A (200W) — extra wide flood 120°

H (m)	Ø (m)	Lux (max)
2,00	6,58	2460
4,00	13,16	615
6,00	19,74	273
8,00	26,32	154
10,00	32,89	98

WATT	Lumen
120W	21300lm
160W	27100lm
200W	33000lm

Protection cover for the setting compartment.

Power selector detail: 120W, 160W, 200W

*Fixture data (measured).

AIRONPlus

iC illuminazione commerciale.*it*
by **Arcluce**

ACCESSORIES

DESCRIPTION	Code
Presence and brightness sensor for **AIRON Plus**	**1099681X**
Remote control for sensor management for **AIRON Plus**	**1099693X**

1099681X   1099693X

INDUSTRY

LOFT/**LOFT**Plus

WARRANTY 5 YEAR

CE | IP65 | IK08 glass screen | IK10 PC screen
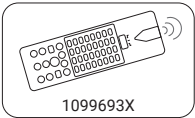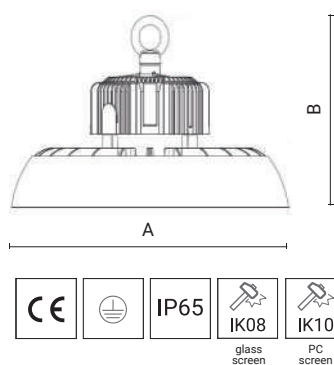
LOFT / LOFT PLUS Versatile and reliable industrial high bay light. Available in three versions: 100 W, 150 W and 200W, perfectly suited to various **industrial needs** and ensuring **high light output**.
Complete with DIMM 1-10 V LED controllers.

CHARACTERISTICS

- Die-cast aluminum body.
- Tempered glass or polycarbonate screen.
- Fixture with efficiency up to 150lm/W.
- Long LED lifespan: >50,000h.
- Fixture built in accordance with EN 60598-1 and EN 60598-2-1 standards.

INSTALLATION

- DIMM 1-10V driver included.
- Driver with surge protection.
- Ceiling or suspended installation.
- Fixing via painted steel bracket (code 1099421X) or eye hook.

NOTE: ● **Versions with 6500K LED.**

Rated Ta (max Ta):	ON/OFF	-20°C ÷ +25°C (45°)

LOFT Plus with tempered glass screen (100W / 150W / 200W)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 115°	200W, 35000lm	80/Selector	DIMM	336X200	**0202015D-21**

LOFT Plus with Polycarbonate screen (100W / 150W / 200W)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 90°	200W, 31000lm	80/Selector	DIMM	336X200	**0202017D-21**

LOFT Plus with Polycarbonate screen (100W / 150W / 200W)

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
wide flood 60°	200W, 32000lm	80/Selector	DIMM	336X200	**0202018D-21**

LOFT with tempered glass screen

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 115°	150W, 21200lm	80/4000K	DALI	302x183	**0202008B-840-21**
extra wide flood 115°	200W, 35000lm	80/4000K	DALI	336X200	**0202020B-840-21**

LOFT with Polycarbonate screen

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 90°	200W, 31000lm	80/4000K	DALI	336x200	**0202021B-840-21**
extra wide flood 90°	200W, 32000lm	80/4000K	DALI	336x200	**0202022B-840-21**

*Fixture data (measured).
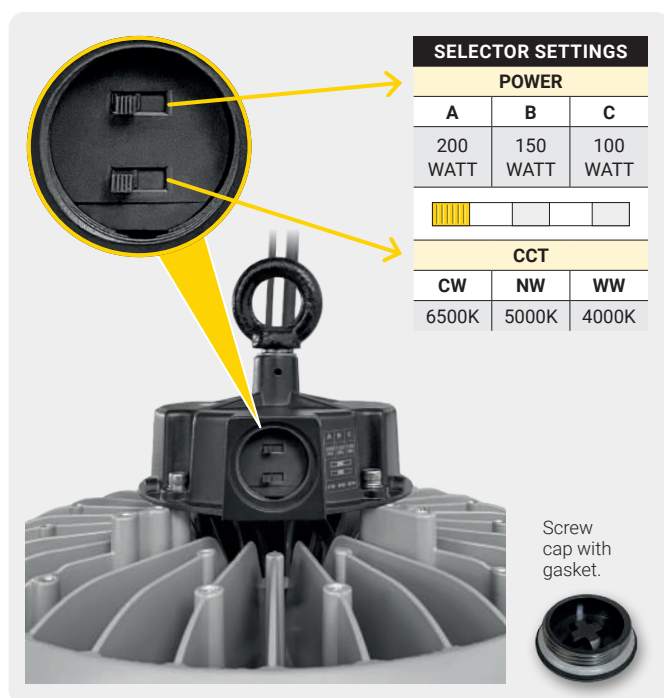
LOFT ECO with tempered glass screen

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
extra wide flood 115°	144W, 21600lm	80/4000K	ON/OFF	302x183	**0202011A-840-21**
extra wide flood 115°	144W, 21600lm	80/6500K	DALI	302x183	**0202011B-840-21**
extra wide flood 115°	200W, 33600lm	80/6500K ●	DIMM	336X200	**0202006D-865-21** ■

LOFT ECO with Polycarbonate screen

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
ultra wide flood 90°	150W, 19500lm	80/4000K	DIMM	302x183	**0201012A-840-21**
ultra wide flood 90°	150W, 19500lm	80/4000K	DALI	302x183	**0202012B-840-21**
ultra wide flood 90°	200W, 30300lm	80/6500K ●	DIMM	336X200	**0202007D-865-21** ■

■ Products subject to availability verification.

Power and CCT Selector

SELECTOR SETTINGS		
POWER		
A	B	C
200 WATT	150 WATT	100 WATT
CCT		
CW	NW	WW
6500K	5000K	4000K

Screw cap with gasket.

ACCESSORIES

DESCRIPTION	Code
Satin aluminum floodlight.	**1099419X**
Ribbed transparent polycarbonate diffuser.	**1099420X**
Adjustable bracket (accessory not suitable for DALI versions).	**1099421X**
IP68 linear connector - 2-way - 2-pole.	**1099408X**
IP68 linear connector - 2-way - 3-pole.	**1099409X**

Satin finish floodlight. **1099419X**

Adjustable bracket **1099421X**

Not suitable for DALI versions

PC Diffuser **1099420X**

Linear connectors
2 poles **099408X**
3 poles **1099409X**
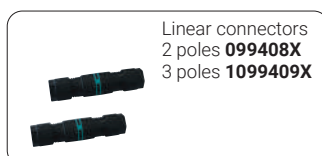
LIGHTING DATA - LOFT Plus (GLASS screen - extra wide flood 115°)

Power: 100W/19000lm — extra wide flood 115°

H (m)	Ø (m)	Lux (max)
2	6,30	1668
4	12,60	417
6	18,80	185
8	25,00	104
10	31,30	67

CCT	Lumen
4000K	18000lm
5000K	19000lm
6500K	17500lm

Power: 150W/27000lm — extra wide flood 115°

H (m)	Ø (m)	Lux (max)
2	6,30	2370
4	12,60	593
6	18,80	263
8	25,00	148
10	31,30	95

CCT	Lumen
4000K	25500lm
5000K	27000lm
6500K	25000lm

Power: 200W/35000lm — extra wide flood 115°

H (m)	Ø (m)	Lux (max)
2	6,30	3076
4	12,60	769
6	18,80	342
8	25,00	192
10	31,30	123

CCT	Lumen
4000K	33000lm
5000K	35000lm
6500K	32500lm

LIGHTING DATA - LOFT Plus (PC screen - ultra wide flood 90°)

Power: 100W/19000lm — ultra wide flood 90°

H (m)	Ø (m)	Lux (max)
2	3,86	4133
4	7,73	1033
6	11,59	459
8	15,45	257
10	19,31	165

CCT	Lumen
4000K	16000lm
5000K	16300lm
6500K	15800lm

Power: 150W/27000lm — ultra wide flood 90°

H (m)	Ø (m)	Lux (max)
2,00	3,86	3189
4,00	7,73	797
6,00	11,59	354
8,00	15,45	199
10,00	19,31	128

CCT	Lumen
4000K	22800lm
5000K	23800lm
6500K	22700lm

Power: 200W/31000lm — ultra wide flood 90°

H (m)	Ø (m)	Lux (max)
2,00	3,86	3661
4,00	7,73	915
6,00	11,59	407
8,00	15,45	229
10,00	19,31	146

CCT	Lumen
4000K	28900lm
5000K	30800lm
6500K	29300lm

LIGHTING DATA - LOFT Plus (PC screen - wide flood 60°)

Power: 100W/19000lm — wide flood 60°

H (m)	Ø (m)	Lux (max)
2	1,16	4394
4	2,32	1099
6	3,47	488
8	4,63	275
10	5,79	176

CCT	Lumen
4000K	16400lm
5000K	17000lm
6500K	16600lm

Power: 150W/27000lm — wide flood 60°

H (m)	Ø (m)	Lux (max)
2	1,16	6152
4	2,32	1538
6	3,47	684
8	4,63	385
10	5,79	246

CCT	Lumen
4000K	23700lm
5000K	24900lm
6500K	23800lm

Power: 200W/32000lm — wide flood 60°

H (m)	Ø (m)	Lux (max)
2	1,16	6231
4	2,32	1558
6	3,47	692
8	4,63	389
10	5,79	249

CCT	Lumen
4000K	30000lm
5000K	32000lm
6500K	30300lm

INDUSTRY

ECO [Series]

CE | Floodlight | Urban Pole-top | IP66 | IK07 | 0,05 m² ECO0 | 0,10 m² ECO1 | 0,12 m² ECO2

WARRANTY 5 YEAR
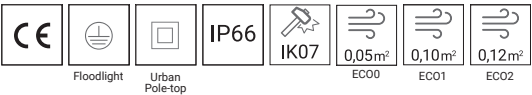
ECO0 (20W up to 99W)
FLOODLIGHT

ECO1 (50W up to 147W)
FLOODLIGHT

Also **RGBW**

ECO2 (106W up to 244W)
FLOODLIGHT

Also **RGBW**

ECO1 | ECO2 (106W up to 190W)
URBAN LIGHTING

ECO is a new series of spotlights designed for **professional lighting** of large areas and streets, as well as for **architectural use** (both direct on facades and reflected light). Suitable for use in public spaces and residential environments. High energy efficiency, economy and reliability - a product designed and manufactured from easily recyclable materials such as aluminum, glass and steel. The laconic design and compact profile are the result of careful design aimed at ensuring a pleasant aesthetic impression and **optimal cooling of the housing**.

The ECO series is available in three sizes: ECO0, ECO1 and ECO2, in two versions: **floodlight** (with steel bracket) and **urban for pole mounting** (with adjustable pole bracket or Ø 60 mm reducer). Both high-performance and professional versions are available with a wide choice of optics and power supplies.

MAIN FEATURES
- Die-cast aluminum body (EN 47100).
- Polyester powder coating stabilized against UV rays, corrosion-resistant, and resistant to salt mist.
- Silicone rubber gaskets.
- External screws in AISI 316 stainless steel.
- Driver with protection against network overvoltage.
- Floodlight reflector in anodized anti-glare aluminum or optical polymer lenses.
- Urban (post-top): LED lenses in PMMA.
- 4mm thick tempered glass screen, resistant to thermal shocks.
- High-quality LED light sources characterized according to IES TM-30 methodology, with high color consistency <3SDCM and long service life >80,000 hours with L80.
- Compliant with EN 60598-1 and EN 60598-2-3 standards.

INSTALLATION (Floodlight)
- Galvanized and painted steel mounting bracket.
- M20 cable gland in technopolymer with anti-condensation valve.
- Supplied complete with 0.5m power cable.

INSTALLATION (Urban - Pole-top)
- Pole-top installation (reduction from Ø60mm).
- Adjustable orientation: Pole-top: -5° to +30°; Arm: -30° to +30°.
- M20 cable gland in technopolymer with anti-condensation valve.
- Supplied complete with cable and IP66 plug-and-socke connector with locking collar for cables from 9 to 12mm.

NOTE: Available also in CCT version: **3000K (-830).**

On request, available with DALI wiring: **DALI (B).**

Also available in **black 12 (-12)** and **dark gray 16 (-16)** color options.

Rated Ta:	ON/OFF	-20°C ÷ +25°C
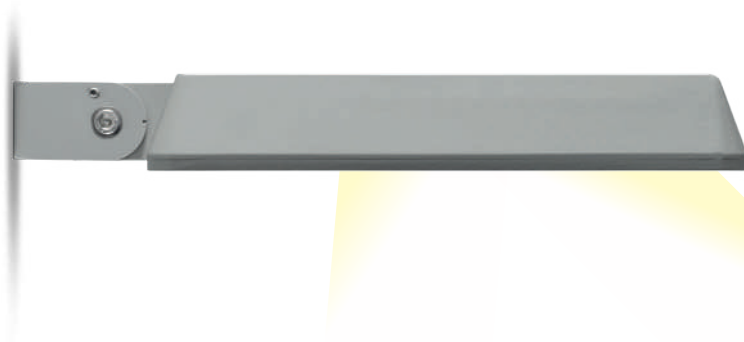
Perfect asymmetry for professional applications.
ECO is available with a **45° asymmetric optic,** along with a wide range of other optics.

Suitable for direct or indirect lighting

Product tested for indirect lighting (facing upwards), designed for professional illumination of ceilings and vaults in both indoor and outdoor environments.

Compact profile

Wide rear finning for optimal heat dissipation in all positions.

Adjustment screw

Support bracket in galvanized and painted steel.

M20 cable gland in technopolymer with anti-condensation valve.
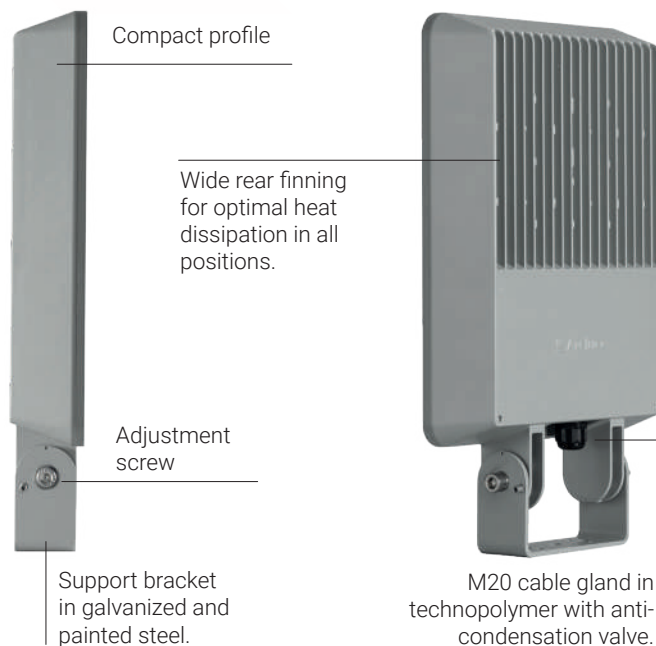
ASYMMETRIC OPTIC 45° (APPLICATION EXAMPLE)

Lighting for large areas (SPORTS HALL 40x20M FOR 8M HEIGHT)

ECO2 - Floodlight (Power 200W)
Code: 0662003A-840
Asymmetric Optic: 45°

Nr of Luminaires: **16 Floodlight**
Installation Height: 7m
Luminaire Spacing: 5m

Illuminance:	350 lux
Uniformity:	0,70

200W

0	5	10	25	50	100	300	600	900	**LUX**

INDUSTRY

ECO0

	Floodlight		Architectural Floodlight
Application	general lighting		architectural lighting
Wattage	up to 99W		up to 58W
Lumen	up to 12850lm		up to 7450lm
Efficiency	up to 130lm/W		up to 127lm/W
Wiring	ON/OFF, DALI		ON/OFF, DALI
Insulation	Class I		Class I
Optics	wide flood, asymmetric Imax=45°		narrow, medium, flood, wide flood, elliptical, asymmetric Imax=60°
Dimensions	355x192x60mm		355x192x60mm

ECO1

	Floodlight		Architectural Floodlight
Application	general lighting		Architectural (accent) lighting
Wattage	up to 147W		up to 147W
Lumen	up to 19550lm		up to 19300lm
Efficiency	up to 133lm/W		up to 132lm/W
Wiring	ON/OFF, DALI		ON/OFF, DALI, DMX (RGBW)
Insulation	Class I		Class I
Optics	wide flood, asymmetric Imax=45°		narrow, medium, flood, wide flood, elliptical, asymmetric Imax=60° *street optics*: type II, type III
Dimensions	440x268x60mm		440x268x60mm

Also
RGBW

ECO1 - Urban Lighting (public, residential)

Application	parks, parkings, walkways, cycle paths
Wattage	up to 27W
Lumen	up to 3500lm
Efficiency	up to 130lm/W
Wiring	ON/OFF, DALI, BIP
Insulation	Class II
Street optics	type VS, type II, type III, type IV, type IV-L *crosswalk*: type ZCR, type ZCL
Dimensions	525x268x60mm

ECO0 - AVAILABLE OPTICS

ECO1 - AVAILABLE OPTICS

iC illuminazione **commerciale**.*it*
by **Arcluce**
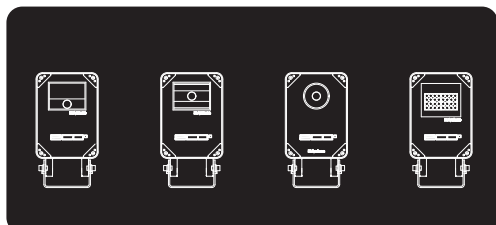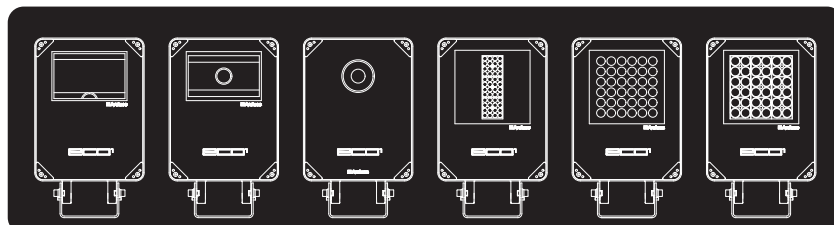
ECO2 - Floodlight

Application	architectural lighting
Wattage	up to 244W
Lumen	up to 33500lm
Efficiency	up to 137lm/W
Wiring	ON/OFF, DALI
Insulation	Class I
Optics	medium, flood, wide flood, elliptical, asymmetric Imax=45° *street optics*: type II, type III
Dimensions	460x325x60mm

ECO2 - Architectural Floodlight

Application	Architectural (accent) lighting
Wattage	up to 104W
Lumen	up to 11300lm
Efficiency	up to 108lm/W
Wiring	ON/OFF, DALI, DMX (RGBW)
Insulation	Class I
Optics	narrow, flood, wide flood, elliptical, asymmetric Imax=60°
Dimensions	460x325x60mm

Also
RGBW

ECO2 - Urban Lighting (public, residential)

Application	parks, parkings, walkways, cycle paths
Wattage	up to 100W
Lumen	up to 13500lm
Efficiency	up to 135lm/W
Wiring	ON/OFF, DALI, BIP
Insulation	Class II
Street optics	type VS, type II, type III, type IV, type IV-L *crosswalk*: type ZCR, type ZCL
Dimensions	545x325x60mm

INDUSTRY

ECO2 - AVAILABLE OPTICS

ECOo Floodlight

Version
WIDE FLOOD
SYMMETRIC/ASYMMETRIC

fastening holes
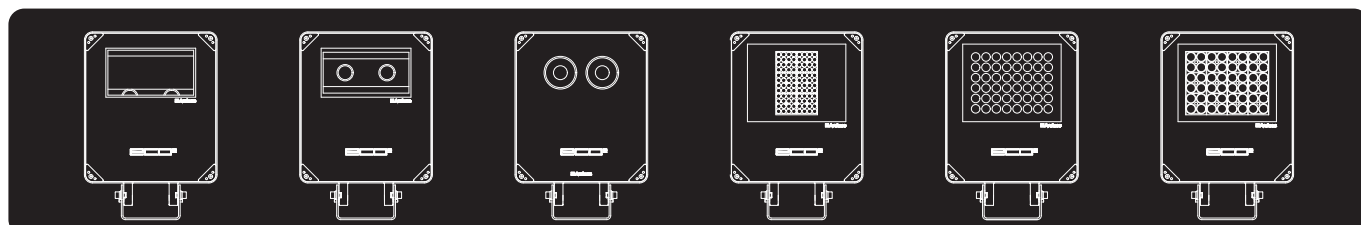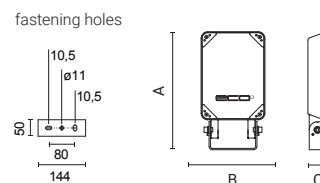
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
extra wide flood 101°	35W, 4550lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660000A-840-21**
asymmetric Imax=45°	35W, 4450lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660001A-840-21**
extra wide flood 104°	73W, 10200lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660002A-840-21**
asymmetric Imax=45°	73W, 9950lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660003A-840-21**
extra wide flood 101°	58W, 7600lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660030A-840-21**
asymmetric Imax=45°	58W, 7500lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660031A-840-21**
extra wide flood 104°	99W, 12850lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660032A-840-21**
asymmetric Imax=45°	99W, 12500lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660033A-840-21**

LIGHTING DATA

0660000A

extra wide flood 101°		
2	2,26	789
4	4,52	197
6	6,79	88
8	9,05	49
10	11,31	32
H m	Ø m	lux

0660001A

asymmetric Imax=45°		
2	4,32	421
4	8,64	105
6	12,97	47
8	17,29	26
10	21,61	17
H m	Ø m	lux max

0660002A

extra wide flood 104°		
2	2,26	1500
4	4,52	375
6	6,79	167
8	9,05	94
10	11,31	60
H m	Ø m	lux

0660003A

asymmetric Imax=45°		
2	3,96	946
4	7,92	236
6	11,87	105
8	15,83	59
10	19,79	38
H m	Ø m	lux max

0660030A

extra wide flood 101°		
2	5,01	1200
4	10,02	300
6	15,03	133
8	20,04	75
10	25,05	48
H m	Ø m	lux

0660031A

asymmetric Imax=45°		
2	4	711
4	8	178
6	12	79
8	16	44
10	20,01	28
H m	Ø m	lux max

0660032A

extra wide flood 104°		
2	2,45	2021
4	4.9	505
6	7.35	225
8	9.81	126
10	12.26	81
H m	Ø m	lux

0660033A

asymmetric Imax=45°		
2	3,95	1188
4	7,9	297
6	11,84	132
8	15,79	74
10	19,74	48
H m	Ø m	lux max

*Fixture data (measured).

DIRECT LIGHTING (APPLICATION EXAMPLE)

Commercial building lighting

ECO0 - Floodlight (Wattage 73W)
Code: 0660003A-840-21

Optic: Asymmetric 45°
Number of fixtures: **8 floodlights**

Installation height: 10.5m
Interdistance between fittings: 15m

Illuminace:	32,6 lux
Uniformity:	0,45
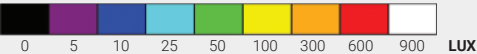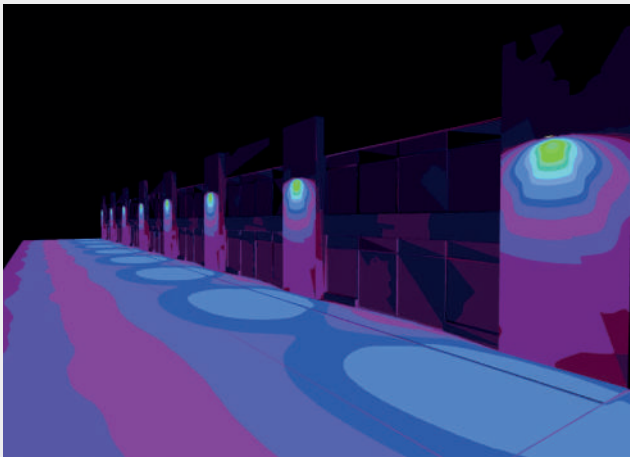
0	5	10	25	50	100	300	600	900	**LUX**

73W

INDUSTRY

ECOo Floodlight

Version
ROTOSYMMETRIC
ARCHITECTURAL

fastening holes
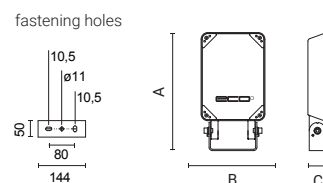
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
medium 17°	42W, 4900lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660004A-840-21**
flood 41°	42W, 5250lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660005A-840-21**
very wide flood 84°	42W, 5200lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660006A-840-21**
medium 23°	58W, 6550lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660007A-840-21**
flood 47°	58W, 74500lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660008A-840-21**
very wide flood 77°	58W, 7400lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660009A-840-21**
medium 23°	73W, 8750lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660034A-840-21**
flood 47°	73W, 10000lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660035A-840-21**
very wide flood 77°	73W, 9950lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660036A-840-21**
medium 23°	100W, 11000lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660037A-840-21**
flood 46°	100W, 12500lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660038A-840-21**
very wide flood 77°	100W, 12500lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660039A-840-21**

LIGHTING DATA

0660004A

medium 17°		
2	0,84	3221
4	1,7	805
6	2,5	358
8	3,3	201
10	4,2	129
H m	Ø m	lux

0660005A

flood 41°		
2	1,4	1749
4	2,7	437
6	4,1	194
8	5,4	109
10	6,8	70
H m	Ø m	lux

0660006A

very wide flood 84°		
2	3,4	639
4	6,8	160
6	10	71
8	14	40
10	17	26
H m	Ø m	lux

0660007A

medium 23°		
2	0,84	6245
4	1,7	1561
6	2,5	694
8	3,3	390
10	4,2	250
H m	Ø m	lux

0660008A

flood 47°		
2	1,4	3424
4	2,7	856
6	4,1	380
8	5,4	214
10	6,8	137
H m	Ø m	lux

0660009A

very wide flood 77°		
2	3,4	1251
4	6,8	313
6	10	139
8	14	78
10	17	50
H m	Ø m	lux

ECOo Floodlight

Version
PROFESSIONAL
STREET OPTICS

fastening holes

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
type II	20W, 1450lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660012A-840-21**
type III	20W, 1500lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660013A-840-21**
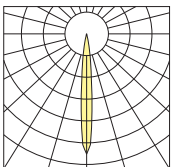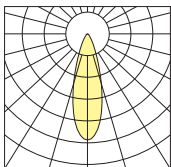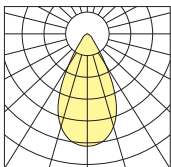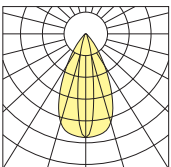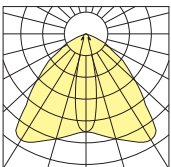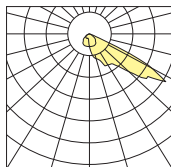
*Fixture data (measured).

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by Arcluce

ECOo Floodlight

Version
PROFESSIONAL
ARCHITECTURAL

fastening holes
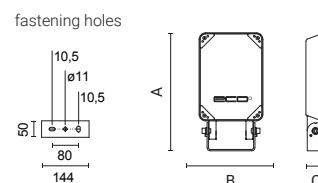
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
narrow 10°	20W, 2000lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660020A-840-21**
flood 31°	20W, 1900lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660021A-840-21**
wide flood 52°	20W, 1900lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660022A-840-21**
elliptic 50°x17°	20W, 1800lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660023A-840-21**
elliptic 115°x24°	20W, 1700lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660024A-840-21**
asymmetric Imax=60°	20W, 1300lm	80/4000K	ON/OFF	355x192x60	3Kg	**0660026A-840-21**

LIGHTING DATA

0660020A
narrow 10°

H m	Ø m	lux
2	0,34	9394
4	0,69	2348
6	1	1044
8	1,4	587
10	1,7	376

0660021A
flood 31°

H m	Ø m	lux
2	1,1	1252
4	2,2	313
6	3,3	139
8	4,3	78
10	5,4	50

0660022A
wide flood 52°

H m	Ø m	lux
2	2	519
4	4	130
6	6	58
8	8	32
10	10	21

0660023A
elliptic 50°x17°

H m	Ø1 m	Ø2 m	lux
2	2	0,6	1159
4	4	1,2	290
6	6	1,8	129
8	8	2,4	72
10	10	3	46

0660024A
elliptic 115°x24°

H m	Ø1 m	Ø2 m	lux
2	4,4	0,83	486
4	8,9	1,7	121
6	13	2,5	54
8	18	3,3	30
10	22	4,1	19

0660026A
asymmetric Imax=60°

H m	Ø m	lux max
2	2,54	120
4	5,08	30
6	7,63	13
8	10,17	8
10	12,71	5

*Fixture data (measured).

INDUSTRY

ECO1 Floodlight

Version
WIDE FLOOD
SYMMETRIC/ASYMMETRIC

fastening holes
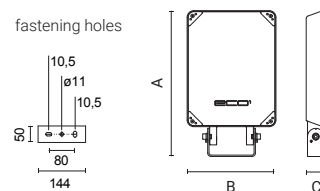
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
extra wide flood 110°	107W, 13800lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661000A-840-21**
asymmetric Imax=45°	107W, 11600lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661001A-840-21**
extra wide flood 102°	147W, 19550lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661002A-840-21**
asymmetric Imax=45°	147W, 17650lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661003A-840-21**
extra wide flood 110°	180W, 24900lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661040A-840-21**
asymmetric Imax=45°	180W, 24000lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661041A-840-21**

LIGHTING DATA

0661000A

extra wide flood 110°		
2	5,53	1704
4	11,05	426
6	16,58	189
8	22,10	106
10	27,63	68
H m	Ø m	lux

0661001A

asymmetric Imax=45°		
2	4,77	1102
4	9.54	276
6	14.30	122
8	19.07	69
10	23.84	44
H m	Ø m	lux max

0661002A

extra wide flood 102°		
2	4,96	2415
4	9,91	604
6	14,87	268
8	19,83	151
10	24,79	97
H m	Ø m	lux

0661003A

asymmetric Imax=45°		
2	4.65	1102
4	9.54	276
6	14.30	122
8	19.07	69
10	23.84	44
H m	Ø m	lux max

0661040A

extra wide flood 110°		
2	4,08	2309
4	8,16	577
6	12,24	257
8	16,32	144
10	20,4	92
H m	Ø m	lux

0661041A

asymmetric Imax=45°		
2	4,96	3076
4	9,92	769
6	14,88	342
8	19,85	192
10	24,81	123
H m	Ø m	lux max

PADEL COURT (PLAY AREA 20X10M AS PER UNI-EN12193:2019)

CLASS III 200 LUX AVERAGE
ECO1 (0661001A-840) 107W
Asymmetrical Imax=45°

Installation height: 6m
Interdistance between poles: 12m

Illuminance:	220 lux
Uniformity:	0,72
Qty of fittings:	8

CLASS II 300 LUX AVERAGE
ECO1 (0661003A-840) 147W
Asymmetrical Imax=45°

Installation height: 6m
Interdistance between poles: 12m

Illuminance	330 lux
Uniformity:	0,71
Qty of fittings:	8

*Fixture data (measured).

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by **Arcluce**
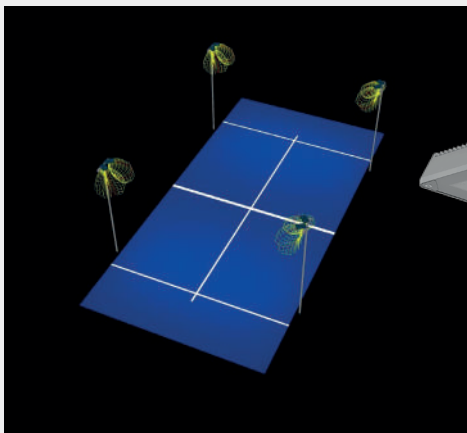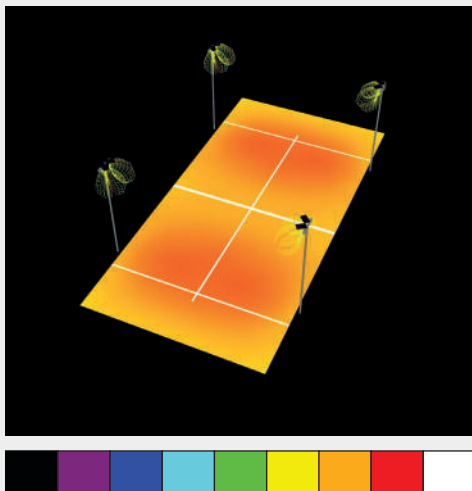
INDIRECT LIGHTING FOR VAULTS (APPLICATION EXAMPLE)

INDIRECT UPLIGHTING
ECO1 (0661001A-840) 107W
Asimmetrica Imax 45°

Installation height: variable
Interdistance between fittings: variable

Illuminance:	**130 lux**
Uniformity:	**0,60**
Qty of fittings:	**-**
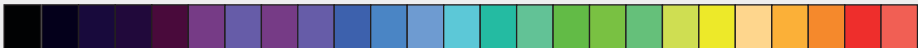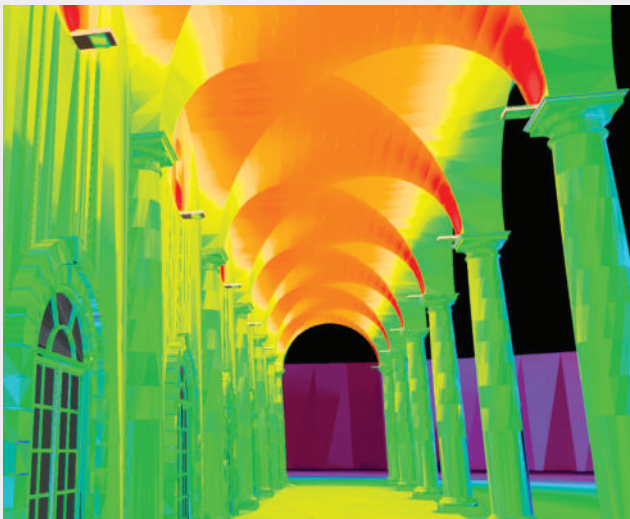
107W

INDUSTRY

ECO1 Floodlight

Version
ROTOSYMMETRIC
ARCHITECTURAL

fastening holes
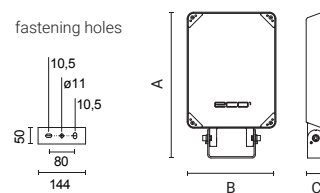
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
medium 22°	107W, 11500lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661004A-840-21**
flood 36°	107W, 13200lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661005A-840-21**
very-wide flood 80°	107W, 13200lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661006A-840-21**
medium 23°	147W, 16700lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661007A-840-21**
flood 37°	147W, 19300lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661008A-840-21**
very-wide flood 80°	147W, 19300lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661009A-840-21**

LIGHTING DATA

0661004A
medium 22°

H m	Ø m	lux
2,00	0,84	9034
4,00	1,67	2259
6,00	2,51	1004
8,00	3,34	565
10,00	4,18	361
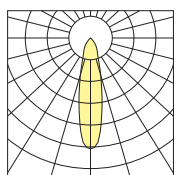
0661005A
flood 36°

H m	Ø m	lux
2,00	1,36	4912
4,00	2,72	1228
6,00	4,09	546
8,00	5,45	307
10,00	6,81	196
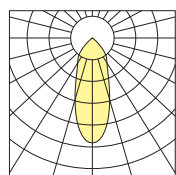
0661006A
very-wide flood 80°

H m	Ø m	lux
2,00	3,42	1795
4,00	6,83	449
6,00	10,25	199
8,00	13,67	112
10,00	17,08	72
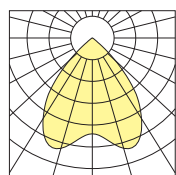
0661007A
medium 23°

H m	Ø m	lux
2,00	0,81	13276
4,00	1,63	3319
6,00	2,44	1475
8,00	3,26	830
10,00	4,07	531
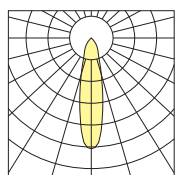
0661008A
flood 37°

H m	Ø m	lux
2,00	1,35	7118
4,00	2,71	1779
6,00	4,06	791
8,00	5,42	445
10,00	6,77	285
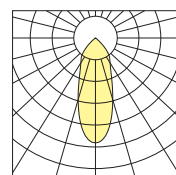
0661009A
very-wide flood 80°

H m	Ø m	lux
2,00	3,32	2665
4,00	6,64	666
6,00	9,96	296
8,00	13,28	167
10,00	16,60	107
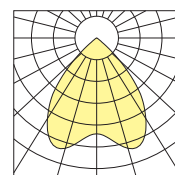
ECO1 Floodlight

Version
PROFESSIONAL
STREET OPTICS

fastening holes
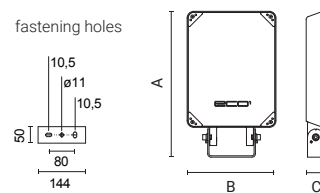
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
tipo II	76W, 9300lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661012A-840-21**
tipo III	76W, 9500lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661013A-840-21**
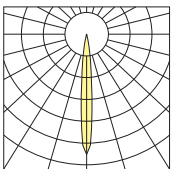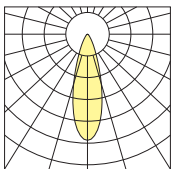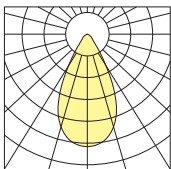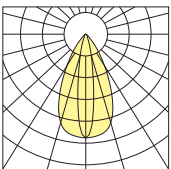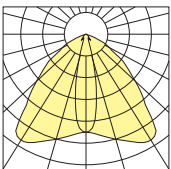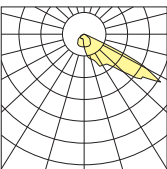
*Fixture data (measured).

ECO1 Floodlight

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Version
PROFESSIONAL
ARCHITECTURAL

AVAILABLE RGBW VERSIONS

fastening holes
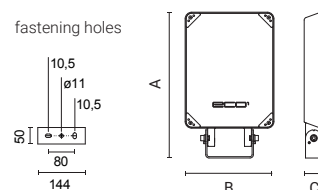
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
narrow 10°	79W, 8750lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661020A-840-21**
flood 31°	79W, 8400lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661021A-840-21**
wide flood 52°	79W, 8400lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661022A-840-21**
elliptic 54°x17°	79W, 8050lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661023A-840-21**
elliptic 105°x24°	79W, 8000lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661024A-840-21**
asymmetric Imax=58°	79W, 6500lm	80/4000K	ON/OFF	440x268x60	5,4Kg	**0661026A-840-21**
narrow	50W	RGBW	DMX	440x268x60	5,4Kg	**0661030F-21**
medium	50W	RGBW	DMX	440x268x60	5,4Kg	**0661031F-21**
wide flood	50W	RGBW	DMX	440x268x60	5,4Kg	**0661032F-21**
elliptic	50W	RGBW	DMX	440x268x60	5,4Kg	**0661033F-21**
elliptic	50W	RGBW	DMX	440x268x60	5,4Kg	**0661034F-21**
asymmetric	50W	RGBW	DMX	440x268x60	5,4Kg	**0661036F-21**

LIGHTING DATA

0661020A

narrow 10°

H m	Ø m	lux
2,00	0,36	13276
4,00	1,71	3319
6,00	1,07	1475
8,00	1,43	830
10,00	1,78	531

0661021A

flood 31°

H m	Ø m	lux
2,00	1,09	5535
4,00	2,17	1384
6,00	3,26	615
8,00	4,35	346
10,00	5,43	221

0661022A

wide flood 52°

H m	Ø m	lux
2,00	2,01	2296
4,00	4,02	574
6,00	6,04	255
8,00	8,05	144
10,00	10,06	92

0661023A

elliptic 54°x17°

H m	Ø1 m	Ø2 m	lux
2,00	1,01	0,3	5184
4,00	2,01	0,61	1296
6,00	3,02	0,91	576
8,00	4,03	1,21	324
10,00	5,03	1,51	207

0661024A

elliptic 105°x24°

H m	Ø1 m	Ø2 m	lux
2,00	2,63	0,42	2124
4,00	5,25	0,83	531
6,00	7,88	1,25	236
8,00	10,51	1,67	133
10,00	13,14	2,08	85

0661026A

asymmetric Imax=58°

H m	Ø m	lux
2,00	2,25	441
4,00	4,51	110
6,00	6,76	49
8,00	9,76	28
10,00	11,27	18

INDUSTRY

*Fixture data (measured).

ECO2 Floodlight

Version
WIDE FLOOD
SYMMETRIC/ASYMMETRIC

fastening holes

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
extra wide flood110°	190W, 25200lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662002A-840-21**
asymmetric Imax=45°	190W, 21700lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662003A-840-21**
extra wide flood110°	244W, 34000lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662004A-840-21**
asymmetric Imax=45°	244W, 33500lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662005A-840-21**

LIGHTING DATA

0662002A
extra wide flood110°

H m	Ø m	lux
2,00	5,37	3127
4,00	10,73	782
6,00	16,10	347
8,00	21,47	195
10,00	26,83	125
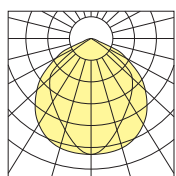
0662003A
asymmetric Imax=45°

H m	Ø m	lux
2,00	4,67	2193
4,00	9,35	548
6,00	14,02	244
8,00	18,69	137
10,00	23,37	88
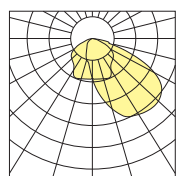
0662004A
extra wide flood110°

H m	Ø m	lux
2,00	5,00	4980
4,00	10,00	1245
6,00	15,00	553
8,00	20,00	311
10,00	25,00	199
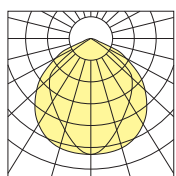
0662005A
asymmetric Imax=45°

H m	Ø m	lux
2,00	3,56	3043
4,00	7,12	761
6,00	10,68	338
8,00	14,24	190
10,00	17,80	122
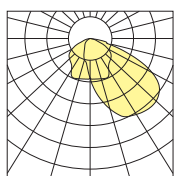
Version
ROTOSYMMETRIC
ARCHITECTURAL

fastening holes
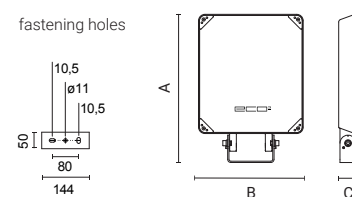
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
medium 23°	190W, 21400lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662007A-840-21**
flood 37°	190W, 24450lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662008A-840-21**
very-wide flood 82°	190W, 24500lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662009A-840-21**

LIGHTING DATA

0662007A
medium 23°

H m	Ø m	lux
2,00	0,83	16828
4,00	1,66	4207
6,00	2,49	1870
8,00	3,31	1052
10,00	4,14	673
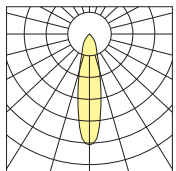
0662008A
flood 37°

H m	Ø m	lux
2,00	1,34	9192
4,00	2,68	2298
6,00	4,02	1021
8,00	5,35	574
10,00	6,69	368
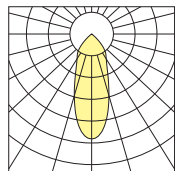
0662009A
very-wide flood 82°

H m	Ø m	lux
2,00	3,46	3265
4,00	6,93	816
6,00	10,39	363
8,00	13,86	204
10,00	17,32	131
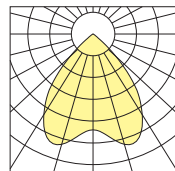
Version
PROFESSIONAL
STREET OPTICS

fastening holes
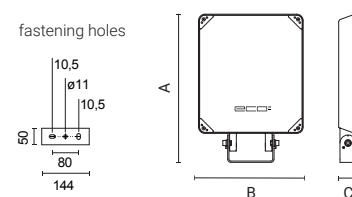
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
type II	106W, 13200lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662012A-840-21**
type III	106W, 13000lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662013A-840-21**
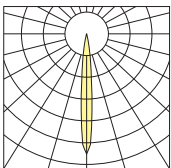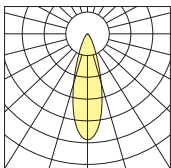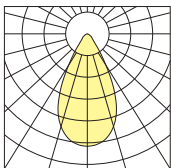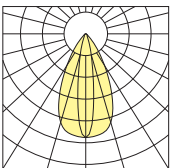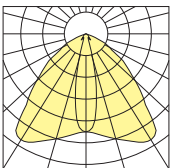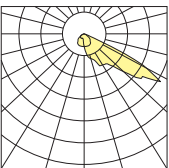
*Fixture data (measured).

ECO2 Floodlight

illuminazione
commerciale.it
by **Arcluce**

Version
PROFESSIONAL
ARCHITECTURAL

AVAILABLE
RGBW VERSIONS

fastening holes

10,5
ø11
10,5
50
80
144

A
B
C
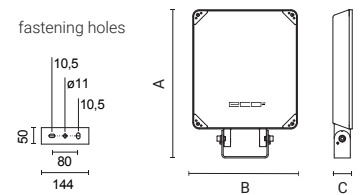
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
narrow 10°	107W, 11300lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662020A-840-21**
flood 31°	107W, 11300lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662021A-840-21**
wide flood 53°	107W, 11300lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662022A-840-21**
elliptic 53°x17°	107W, 10800lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662023A-840-21**
elliptic 109°x24°	107W, 10250lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662024A-840-21**
asymmetric Imax=56°	107W, 9000lm	80/4000K	ON/OFF	460x325x60	6Kg	**0662026A-840-21**
narrow	107W	RGBW	DMX	460x325x60	6Kg	**0662030F-21**
flood	107W	RGBW	DMX	460x325x60	6Kg	**0662031F-21**
wide flood	107W	RGBW	DMX	460x325x60	6Kg	**0662032F-21**
elliptic	107W	RGBW	DMX	460x325x60	6Kg	**0662033F-21**
elliptic	107W	RGBW	DMX	460x325x60	6Kg	**0662034F-21**
asimmetrica	107W	RGBW	DMX	460x325x60	6Kg	**0662036F-21**

LIGHTING DATA

0662020A
narrow 10°

H m	Ø m	lux
2,00	0,36	13276
4,00	1,71	3319
6,00	1,07	1475
8,00	1,43	830
10,00	1,78	531

0662021A
flood 31°

H m	Ø m	lux
2,00	1,09	5535
4,00	2,17	1384
6,00	3,26	615
8,00	4,35	346
10,00	5,43	221

0662022A
wide flood 53°

H m	Ø m	lux
2,00	2,01	2296
4,00	4,02	574
6,00	6,04	255
8,00	8,05	144
10,00	10,06	92

0662023A (ellit. verticale)
elliptic 53°x17°

H m	Ø1 m	Ø2 m	lux
2,00	2,00	0,60	6925
4,00	4,01	1,21	1731
6,00	6,01	1,81	769
8,00	8,01	2,42	433
10	10,02	3,02	277

0662024A (ellit. verticale)
elliptic 109°x24°

H m	Ø1 m	Ø2 m	lux
2,00	2,63	0,42	2124
4,00	5,25	0,83	531
6,00	7,88	1,25	236
8,00	10,51	1,67	133
10,00	13,14	2,08	85

0662026A
asymmetric Imax=56°

H m	Ø m	lux
2,00	4,75	1941
4,00	9,49	485
6,00	14,24	216
8,00	18,99	121
10,00	23,74	78

INDUSTRY

BASKETBALL COURT (PLAY AREA 32x19M AS PER UNI-EN12193:2019)

LUX BASED ON QTY OF FITTINGS
ECO2 (0662003A-840) 200W
Asymmetric Imax=45°

Installation height: 9m
Interdistance between poles: based on requested LUX.
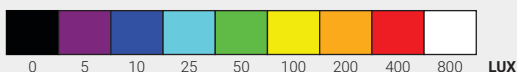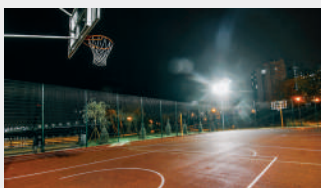
Illuminance:	**200 lux**
Uniformity:	**0,81**
Qty of fittings:	**10**

Illuminance:	**360 lux**
Uniformity:	**0,79**
Qty of fittings:	**18**

Illuminance:	**550 lux**
Uniformity:	**0,72**
Qty of fittings:	**26**

0	5	10	25	50	100	200	400	800	**LUX**

200W

*Fixture data (measured).
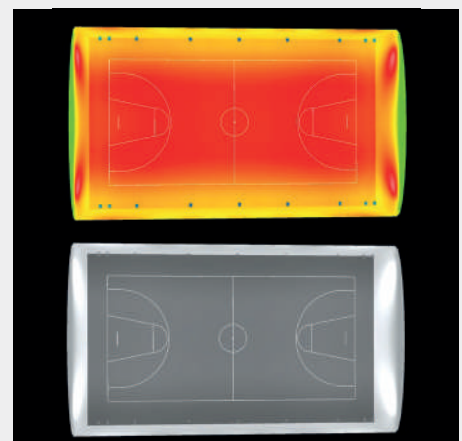
ECO1 Urban (post-top)

Version
PROFESSIONAL
STREET OPTICS
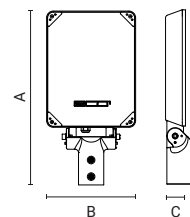
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
type VS	15W, 1750lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841010A-840-21**
type II	15W, 1750lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841011A-840-21**
type III	15W, 1800lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841012A-840-21**
type IV	15W, 1850lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841013A-840-21**
type IV-L	15W, 1800lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841014A-840-21**
type ZCR (crosswalks)	15W, 1550lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841015A-840-21**
type ZCL (crosswalks)	15W, 1550lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841016A-840-21**
type VS	27W, 3300lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841020A-840-21**
type II	27W, 3300lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841021A-840-21**
type III	27W, 3400lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841022A-840-21**
type IV	27W, 3500lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841023A-840-21**
type IV-L	27W, 3300lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841024A-840-21**
type ZCR (crosswalks)	28W, 2850lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841025A-840-21**
type ZCL (crosswalks)	28W, 2850lm	80/4000K	ON/OFF	525x268x60	5,4Kg	**0841026A-840-21**

STREET - CROSSWALK

ECO1 - STREET TYPE ZCR
28W (0841025A-840)

Installation height: 5m

Illuminance:	**34 lux**
Uniformity:	**0,78**
Qty of fittings:	**2**

*Fixture data (measured).

LIGHTING DATA

type VS
H=5m
LUX (m)
Cod:
0841010A

type II
H=5m
LUX (m)
Cod:
0841011A

type III
H=5m
LUX (m)
Cod:
0841012A

tipo IV
H=5m
LUX (m)
Cod:
0841013A

type IV-L
H=5m
LUX (m)
Cod:
0841014A

type ZCR
H=5m
LUX (m)
Cod:
0841015A

type ZCL
H=5m
LUX (m)
Cod:
0841016A

type VS
H=5m
LUX (m)
Cod:
0841020A

type II
H=5m
LUX (m)
Cod:
0841021A

type III
H=5m
LUX (m)
Cod:
0841022A

tipo IV
H=5m
LUX (m)
Cod:
0841023A

type-L
H=5m
LUX (m)
Cod:
0841024A

type ZCR
H=5m
LUX (m)
Cod:
0841025A

type ZCL
H=5m
LUX (m)
Cod:
0841026A

28W

| 0.10 | 0.14 | 0.19 | 0.27 | 0.37 | 0.52 | 0.72 | 1.00 | 1.53 | 2.37 | 3.65 | 5.62 | 8.65 | 13 | 21 | 32 | 49 | 75 | 115 | 177 | 273 | 421 | 649 | **LUX** |

INDUSTRY

ECO2 Urban (post-top)

Version
PROFESSIONAL
STREET OPTICS

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
type VS	52W, 6800lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842010A-840-21**
type II	52W, 6900lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842011A-840-21**
type III	52W, 6900lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842012A-840-21**
type IV	52W, 7200lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842013A-840-21**
type IV-L	52W, 6800lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842014A-840-21**
type ZCR (crosswalks)	52W, 5700lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842015A-840-21**
type ZCL (crosswalks)	52W, 5700lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842016A-840-21**
type VS	106W, 12900lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842020A-840-21**
type II	106W, 13250lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842021A-840-21**
type III	106W, 13200lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842022A-840-21**
type IV	106W, 13500lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842023A-840-21**
type IV-L	106W, 13000lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842024A-840-21**
type ZCR (crosswalks)	107W, 10600lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842025A-840-21**
type ZCL (crosswalks)	107W, 10600lm	80/4000K	ON/OFF	545x325x60	6,2Kg	**0842026A-840-21**

ACCESSORIES ECO

DESCRIPTION	Code
Single pole attachment Ø 60 mm.	**1099587X-21**
Double pole attachment Ø 60 mm.	**1099588X-21**
Single pole attachment Ø 76 mm.	**1099514X-21**
Double pole attachment Ø 76 mm.	**1099515X-21**
Adjustable single pole attachment Ø 102 mm.	**1099470X-21**
Adjustable double pole attachment Ø 102 mm.	**1099471X-21**
Wall-mounted floodlight supporting bracket with angular attachment.	**1099616X-21**
Wall-mounted floodlight supporting bracket.	**1099617X-21**
1 floodlight supporting bracket with Ø 60 mm pole reduction (L=500mm).	**1099153X-21**
2 floodlights supporting bracket with Ø 60 mm pole reduction (L=1000mm).	**1099151X-21**
3 floodlights supporting bracket with Ø 60 mm pole reduction (L=1500mm).	**1099152X-21**

DESCRIPTION	Code
Single aiming bracket.	**1099716X**
Double aiming bracket.	**1099717X**
Attachment to convert ECO floodlight to post top Ø 60 mm (for ECO1and ECO2).	**1099596X-21**
Kit quick electrical connection IP68 - 3 poles (to be ordered with the light fitting).	**1099409X**
Kit quick electrical connection IP68 - 5 poles (to be ordered with the light fitting).	**1099597X**
ECO0 - Protection grid.	**1099636X**
ECO0 - Sloped visor.	**1099637X-12**
ECO1 - Protection grid.	**1099589X**
ECO1 - Sloped visor.	**1099590X-21**
ECO2 - Protection grid.	**1099591X**
ECO2 - Sloped visor.	**1099592X-21**

*Fixture data (measured).

LIGHTING DATA

type VS
H=5m
LUX (m)
Cod:
0842010A

type II
H=5m
LUX (m)
Cod:
0842011A

type III
H=5m
LUX (m)
Cod:
0842012A

tipo IV
H=5m
LUX (m)
Cod:
0842013A

type IV-L
H=5m
LUX (m)
Cod:
0842014A

type ZCR
H=5m
LUX (m)
Cod:
0842015A

type ZCL
H=5m
LUX (m)
Cod:
0842016A

type VS
H=5m
LUX (m)
Cod:
0842020A

type II
H=5m
LUX (m)
Cod:
0842021A

type III
H=5m
LUX (m)
Cod:
0842022A

tipo IV
H=5m
LUX (m)
Cod:
0842023A

type IV-L
H=5m
LUX (m)
Cod:
0842024A

type ZCR
H=5m
LUX (m)
Cod:
0842025A

type ZCL
H=5m
LUX (m)
Cod:
0842026A

1099587X-21

1099588X-21

1099514X-21

1099515X-21

1099470X-21

1099471X-21

1099616X-21

1099617X-21

1099153X-21
1099151X-21
1099152X-21

1099409X
1099597X

1099596X-21

1099636X
1099589X
1099591X

1099590X-12 / 1099592X-12 / 1099637X-12

1099716X

1099717X

STREET OPTICS

MAIN

type I

type II

type III

type IV

type VS

type VS

CROSSWALK

INDUSTRY

EQOS [Series]

WARRANTY 5 YEAR

EQOS0 (40W up to 75W)

PERFORMANCE   PROFESSIONAL

EQOS1 (75W up to 150W)

PERFORMANCE   PROFESSIONAL

EQOS2 (160W up to 300W)

PERFORMANCE   PROFESSIONAL

CE | ⏚ | IP66 | IK08 EQOS0 | IK07 | 0,06 m² EQOS0 | 0,15 m² EQOS1 | 0,20m² EQOS2

EQOS is the **latest generation of floodlights,** designed to provide optimal light output, wide versatility of use and energy efficiency. Modern, subtle and elegant design combines with cutting-edge technology to ensure high lighting performance, highlighting architectural elements. Durable materials ensure excellent resistance to corrosion and weathering.

The EQOS series is available in three sizes: EQOS0, EQOS1 and EQOS2, in 3 versions: **floodlight** (with steel bracket); **ceiling-mounted** (with galvanized and painted steel bracket) **and suspended** (with 4 eyelet fixings).

MAIN FEATURES
- Die-cast aluminium body (EN 47100).
- Double layer polyester powder paint resistant to corrosion and salt spray fog.
- Silicone rubber gaskets.
- AISI 316 stainless steel external screws.
- Wiring on removable galvanized steel tray.
- Driver protected against voltage surges up to 4kV.
- Reflector made of anodized aluminium with non-iridescent specular finishing or metallized polycarbonate in high-vacuum.
- Screen made of 4mm thermal-shock resistant tempered glass.
- Goniometer scale to aim light.
- It complies with standards EN 60598-1 and EN 60598-2-5.
- High quality LED sources characterized according to IES TM-30, with high color consistency <3SDCM and long useful life >60000 hours at L80.

INSTALLATION
- M20 cable gland in technopolymer.
- Support bracket in galvanized and painted steel.
- Suspension versions supplied with 4 eye bolt attachments..

NOTE: Also available with CCT: **3000K (-830)**
Also available with wiring: **DALI (B)** upon request
Also available in **black 12 (-12)** and **dark grey 16 (-16)**

Rated Ta:	ON/OFF	-20°C ÷ +25°C

Quick one-handed opening with practical hook.

Perfect asymmetry for professional applications

EQOS2 is available with a 60° asymmetric optics and a wide range of beam angles.

Ceiling mount/Suspension

The high-performance **EQOS** Series is also available in ceiling and suspension versions.

Compact profile.

Wide rear fins for optimal heat dissipation in all positions.

Graduated goniometer for aiming.

EQOS2 plus
*Up to **300W** e **38400lm***

Support bracket in galvanized and painted steel.

M20 cable gland in technopolymer.

ASYMMETRIC 60° (APPLICATION EXAMPLE)

Basketball Court 32X19M AS PER EN 12193:2019 STANDARD

EQOS2 - Floodlight
Code: 0672002A-840
Optic: Asymmetric Imax 60°

Qty of fittings: **16 floodlights**
Installation height: 9m
Interdistance between fittings: 4m

Illuminance:	**310 lux**
Uniformity:	**0,80**

| 0 | 5 | 50 | 75 | 100 | 150 | 250 | 800 | 1000 | **LUX** |

200W

INDUSTRY
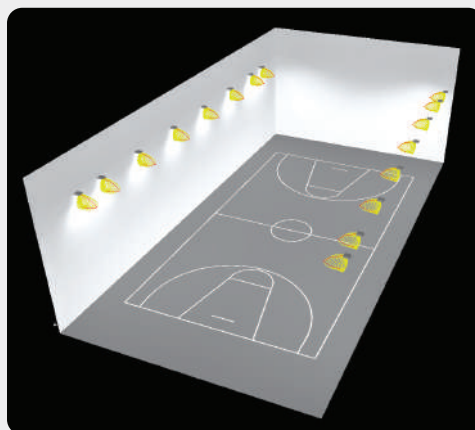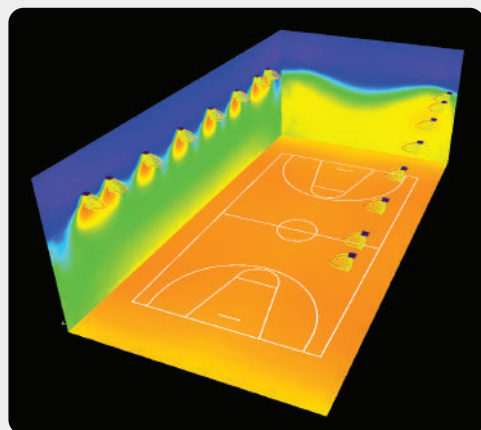
EQOS0 - Floodlight

Application	lighting of small and medium areas
Wattage	up to 76W
Lumen	up to 9100lm
Efficiency	up to 119lm/W
Wiring	ON/OFF, DALI
Insulation	Class I
Optics	narrow, medium, flood, extra wide flood, asymmetric Imax=30°
Dimensions	308x253x83mm

EQOS1 - Floodlight

Application	lighting of small and medium areas
Wattage	up to 150W
Lumen	up to 18500lm
Efficiency	up to 123lm/W
Wiring	ON/OFF, DALI
Insulation	Class I
Optics	narrow, medium, flood, extra wide flood, asymmetric Imax=30° asymmetric Imax=45°
Dimensions	394x315x91mm

EQOS2 - Floodlight

Application	lighting of large areas, shopping centres, parkings, parks, architectures, façades
Wattage	up to 300W
Lumen	up to 38400lm
Efficiency	up to 128lm/W
Wiring	ON/OFF, DALI
Insulation	Class I
Street optics	narrow, medium, flood, extra wide flood, elliptic asymmetric Imax=45°, asymmetric Imax=60°
Dimensions	449x435x91mm

EQOS0 - AVAILABLE OPTICS
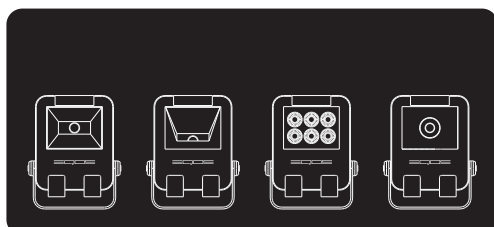
EQOS1 - AVAILABLE OPTICS

EQOS1 - Ceiling-mounted

Application	lighting of small and medium areas
Wattage	up to 150W
Lumen	up to 18100lm
Efficiency	up to 120lm/W
Wiring	ON/OFF, DALI
Insulation	Class I
Optics	extra wide flood, asymmetric Imax=30°, asymmetric Imax=45°
Dimensions	355x318x182mm

EQOS1 - Suspended

Application	lighting of small and medium areas
Wattage	up to 150W
Lumen	up to 18100lm
Efficiency	up to 120lm/W
Wiring	ON/OFF, DALI
Insulation	Class I
Optics	extra wide flood
Dimensions	355x286x91mm

EQOS2 - Ceiling-mounted

Application	lighting of large areas and industrial buildings
Wattage	up to 186W
Lumen	up to 27900lm
Efficiency	up to 150lm/W
Wiring	ON/OFF, DALI
Insulation	Class I
Street optics	extra wide flood, elliptic, asymmetric Imax=45°, asymmetric Imax=60°
Dimensions	414 x438x181mm
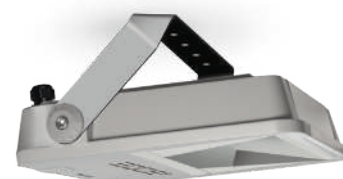
EQOS2 - Suspended

Application	lighting of large areas and industrial buildings
Wattage	up to 186W
Lumen	up to 27900lm
Efficiency	up to 150lm/W
Wiring	ON/OFF, DALI
Insulation	Class I
Street optics	extra wide flood, elliptic
Dimensions	414x406x91mm

EQOS2 - AVAILABLE OPTICS
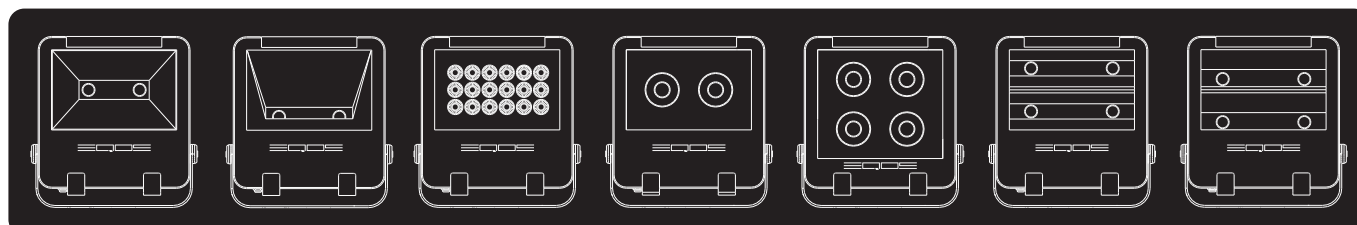
INDUSTRY

EQOSo Floodlight

Version
WIDE FLOOD
SYMMETRIC/ASYMMETRIC

fastening holes

Ø10,5
Ø12
Ø10,5
132

A
B
C
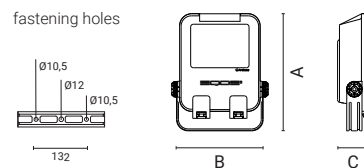
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
extra wide flood 100°	41W, 4950lm	80/4000K	ON/OFF	308x253x83	3Kg	**0670000A-840-21**
extra wide flood 100°	76W, 8400lm	80/4000K	ON/OFF	308x253x83	3Kg	**0670001A-840-21**
asymmetric Imax=30°	41W, 4600lm	80/4000K	ON/OFF	308x253x83	3Kg	**0670002A-840-21**
asymmetric Imax=30°	76W, 8400lm	80/4000K	ON/OFF	308x253x83	3Kg	**0670003A-840-21**

LIGHTING DATA

0670000A
extra wide flood 100°

H m	Ø m	lux
1,00	2,29	2010
2,00	4,59	503
3,00	6,88	223
4,00	9,17	126
5,00	11,46	80

0670001A
extra wide flood 100°

H m	Ø m	lux
1,00	2,18	3637
2,00	4,37	909
3,00	6,55	404
4,00	8,73	227
5,00	10,91	145

0670002A
asymmetric Imax=30°

H m	Ø m	lux
2,00	2,84	497
4,00	5,67	124
6,00	8,51	55
8,00	11,34	31
10,00	14,18	20

0670003A
asymmetric Imax=30°

H m	Ø m	lux
2,00	3,07	918
4,00	6,14	229
6,00	9,22	102
8,00	12,29	57
10,00	15,36	37

Version
ROTOSYMMETRIC
ARCHITECTURAL

fastening holes

Ø10,5
Ø12
Ø10,5
132

A
B
C

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
narrow 12°	52W, 5900lm	80/4000K	ON/OFF	308x253x83	3Kg	**0670004A-840-21**
medium 22°	76W, 7400lm	80/4000K	ON/OFF	308x253x83	3Kg	**0670005A-840-21**
flood 38°	76W, 9100lm	80/4000K	ON/OFF	308x253x83	3Kg	**0670006A-840-21**
very-wide flood 78°	76W, 9100lm	80/4000K	ON/OFF	308x253x83	3Kg	**0670007A-840-21**

LIGHTING DATA

0670004A
narrow 12°

H m	Ø m	lux
2,00	0,50	15520
4,00	0,90	3900
6,00	1,30	1730
8,00	1,80	970
10,00	2,20	620

0670005A
medium 22°

H m	Ø m	lux
2,00	0,80	6460
4,00	1,50	1620
6,00	2,30	720
8,00	3,00	400
10,00	3,90	260

0670006A
flood 38°

H m	Ø m	lux
2,00	1,40	3370
4,00	2,70	850
6,00	4,00	380
8,00	5,40	210
10,00	6,80	140

0670007A
very-wide flood 78°

H m	Ø m	lux
1,00	1,60	5200
2,00	3,20	1300
3,00	4,80	600
4,00	6,40	330
5,00	8,00	210

*Fixture data (measured).

EQOS1 Floodlight

illuminazione
commerciale.*it*

by **Arcluce**

Version
WIDE FLOOD
SYMMETRIC/ASYMMETRIC

fastening holes

Ø10,5
Ø12
Ø10,5

132

B   C

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
extra wide flood 94°	120W, 14200lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671000A-840-21**
asymmetric Imax=45°	120W, 12400lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671001A-840-21**
extra wide flood 100°	150W, 18100lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671002A-840-21**
asymmetric Imax=45°	150W, 15800lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671003A-840-21**
extra wide flood 100°	76W, 8850lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671008A-840-21**
asymmetric Imax=45°	76W, 8100lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671009A-840-21**
asymmetric Imax=30°	76W, 7700lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671010A-840-21**

LIGHTING DATA

0671000A
extra wide flood 94°

H m	Ø m	lux
2,00	4,59	1904
4,00	9,17	476
6,00	13,76	212
8,00	18,34	119
10,00	22,93	76

0671001A
asymmetric Imax=45°

H m	Ø m	lux
2,00	3,21	1335
4,00	6,42	334
6,00	9,63	148
8,00	12,84	83
10,00	16,05	53

0671002A
extra wide flood 100°

H m	Ø m	lux
2,00	3,26	2096
4,00	6,52	524
6,00	9,79	233
8,00	13,05	131
10,00	16,31	84

0671003A
asymmetric Imax=45°

H m	Ø m	lux
2,00	3,55	1849
4,00	7,10	462
6,00	10,65	205
8,00	14,21	116
10,00	17,76	74

0671008A
extra wide flood 100°

H m	Ø m	lux
2,00	2,00	6925
4,00	4,01	1731
6,00	6,01	769
8,00	8,01	433
10	10,02	277

0671009A
asymmetric Imax=45°

H m	Ø m	lux
2,00	3,21	932
4,00	6,42	233
6,00	9,63	104
8,00	12,84	58
10,00	16,05	37

0671010A
asymmetric Imax=30°

H m	Ø m	lux
2,00	3,43	965
4,00	6,86	241
6,00	10,28	107
8,00	13,71	60
10,00	17,14	39

INDUSTRY

*Fixture data (measured).

EQOS1 Floodlight

Version
PROFESSIONAL
ARCHITECTURAL

fastening holes

Ø10,5
Ø12
Ø10,5

132

B

C

A

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
narrow 12°	76W, 8450lm	80/4000K	ON/OFF	394x315x91	4Kg	**0671005A-840-21**
medium 22°	120W, 11750lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671011A-840-21**
medium 22°	150W, 13900lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671014A-840-21**
flood 38°	120W, 14450lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671012A-840-21**
flood 38°	150W, 18500lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671015A-840-21**
very-wide flood 78°	120W, 14450lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671013A-840-21**
very-wide flood 78°	150W, 18500lm	80/4000K	ON/OFF	394x315x91	4,45Kg	**0671016A-840-21**

LIGHTING DATA

0671005A
narrow 12°

H m	Ø m	lux
2,00	0,43	22273
4,00	0,87	5568
6,00	1,30	2475
8,00	1,74	1392
10,00	2,17	891

0671011A
medium 22°

H m	Ø m	lux
2,00	0,76	10265
4,00	1,53	2566
6,00	2,29	1141
8,00	3,05	642
10,00	3,82	411

0671014A
medium 22°

H m	Ø m	lux
2,00	0,76	12144
4,00	1,53	3036
6,00	2,29	1349
8,00	3,05	759
10,00	3,82	486

0671012A
flood 38°

H m	Ø m	lux
2,00	1,35	5347
4,00	2,71	1337
6,00	4,06	594
8,00	5,42	334
10,00	6,77	214

0671015A
flood 38°

H m	Ø m	lux
2,00	1,35	6845
4,00	2,71	1711
6,00	4,06	761
8,00	5,42	428
10,00	6,77	274

0671013A
very-wide flood 78°

H m	Ø m	lux
1,00	1,60	5200
2,00	3,20	1300
3,00	4,80	600
4,00	6,40	330
5,00	8,00	210

0671016A
very-wide flood 78°

H m	Ø m	lux
2,00	3,22	2643
4,00	6,43	661
6,00	9,65	294
8,00	12,86	165
10,00	16,08	106

*Fixture data (measured).

EQOS1

Ceiling

Version
WIDE FLOOD
SYMMETRIC/ASYMMETRIC

fastening holes

Ø11 Ø11 Ø11

132   132   B

A   C

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
extra wide flood 100°	76W, 8850lm	80/4000K	ON/OFF	355x318x182	4Kg	**0271004A-840-21**
extra wide flood 100°	150W, 18100lm	80/4000K	ON/OFF	355x318x182	4Kg	**0271002A-840-21**
extra wide flood 94°	120W, 14200lm	80/4000K	ON/OFF	355x318x182	4Kg	**0271000A-840-21**
asymmetric Imax=30°	76W, 7700lm	80/4000K	ON/OFF	355x318x182	4Kg	**0271006A-840-21**
asymmetric Imax=45°	76W, 8100lm	80/4000K	ON/OFF	355x318x182	4Kg	**0271005A-840-21**
asymmetric Imax=45°	120W, 12400lm	80/4000K	ON/OFF	355x318x182	4Kg	**0271001A-840-21**
asymmetric Imax=45°	150W, 15800lm	80/4000K	ON/OFF	355x318x182	4Kg	**0271003A-840-21**

LIGHTING DATA

0271004A

extra wide flood 100°

H m	Ø m	lux
2,00	4,59	931
4,00	9,17	233
6,00	13,76	103
8,00	18,34	58
10,00	22,93	37

0271002A

extra wide flood 100°

H m	Ø1 m	lux
2,00	4,59	1904
4,00	9,17	476
6,00	13,76	212
8,00	18,34	119
10,00	22,93	76

0271000A

extra wide flood 94°

H m	Ø2 m	lux
2,00	4,30	2096
4,00	8,61	524
6,00	12,91	233
8,00	17,22	131
10,00	21,52	84

0271006A

asymmetric Imax=30°

H m	Ø m	lux
2,00	3,43	965
4,00	6,86	241
6,00	10,28	107
8,00	13,71	60
10,00	17,14	39

0271005A

asymmetric Imax=45°

H m	Ø m	lux
2,00	3,21	932
4,00	6,42	233
6,00	9,63	104
8,00	12,84	58
10,00	16,05	37

0271001A

asymmetric Imax=45°

H m	Ø m	lux
2,00	3,21	1335
4,00	6,42	334
6,00	9,63	148
8,00	12,84	83
10,00	16,05	53

0271003A

asymmetric Imax=45°

H m	Ø m	lux
2,00	3,55	1849
4,00	7,10	462
6,00	10,65	205
8,00	14,21	116
10,00	17,76	74

Suspended

Version
WIDE FLOOD
SYMMETRIC/ASYMMETRIC

A   C
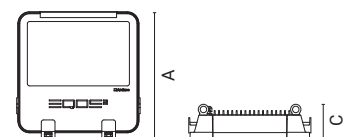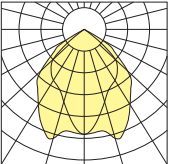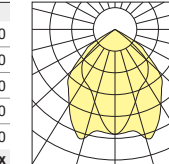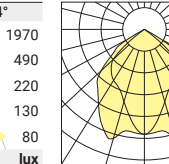
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
extra wide flood 100°	76W, 8850lm	80/4000K	ON/OFF	355x286x91	4Kg	**0271052A-840-21**
extra wide flood 100°	150W, 18100lm	80/4000K	ON/OFF	355x286x91	4Kg	**0271051A-840-21**
extra wide flood 94°	120W, 14200lm	80/4000K	ON/OFF	355x286x91	4Kg	**0271050A-840-21**

LIGHTING DATA

0271052A

extra wide flood 100°

H m	Ø m	lux
2,00	4,30	1250
4,00	8,60	320
6,00	12,90	140
8,00	17,20	80
10,00	21,50	50

0271051A

extra wide flood 100°

H m	Ø m	lux
2,00	4,60	1900
4,00	9,20	480
6,00	13,80	220
8,00	18,40	120
10,00	23,00	80

0271050A

extra wide flood 94°

H m	Ø m	lux
2,00	4,30	1970
4,00	8,60	490
6,00	12,90	220
8,00	17,30	130
10,00	21,50	80
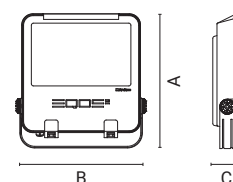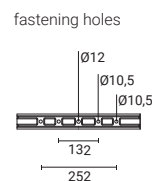
INDUSTRY

*Fixture data (measured).

EQOS2 Floodlight

Version
WIDE FLOOD
SYMMETRIC/ASYMMETRIC

fastening holes
Ø12
Ø10,5
Ø10,5
132
252

A
B
C

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
extra wide flood 109°	200W, 23500lm	80/4000K	ON/OFF	449x435x91	8,15Kg	**0672000A-840-21**
elliptic 100°x75°	200W, 23250lm	80/4000K	ON/OFF	449x435x91	8,1Kg	**0672003A-840-21**
asymmetric Imax=45°	200W, 20100lm	80/4000K	ON/OFF	449x435x91	8,15Kg	**0672001A-840-21**
asymmetric Imax=60°	200W, 20600lm	80/4000K	ON/OFF	449x435x91	8,1Kg	**0672002A-840-21**

LIGHTING DATA

0672000A

extra wide flood 109°

H m	Ø m	lux
2,00	4,60	2120
4,00	9,20	530
6,00	13,80	250
8,00	18,40	140
10,00	23,00	90
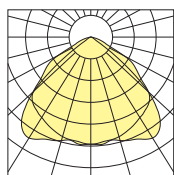
0672003A

elliptic 100°x75°

H m	Ø1 m	Ø2 m	lux
2,00	3,10	5,00	3320
4,00	6,20	10,00	830
6,00	9,30	15,00	370
8,00	12,40	20,00	210
10,00	15,50	25,00	140

0672001A

asymmetric Imax=45°

H m	Ø m	lux
2,00	2,37	2264
4,00	4,74	566
6,00	7,10	252
8,00	9,47	141
10,00	11,84	91

0672002A

asymmetric Imax=60°

H m	Ø m	lux
2,00	4,83	2512
4,00	9,66	628
6,00	14,48	279
8,00	19,31	157
10,00	24,14	100

Version
ROTOSYMMETRIC
ARCHITECTURAL

fastening holes
Ø12
Ø10,5
Ø10,5
132
252

A
B
C
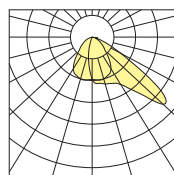
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
narrow 12°	160W, 16900lm	80/4000K	ON/OFF	449x435x91	7Kg	**0672006A-840-21**
medium 22°	200W, 17950lm	80/4000K	ON/OFF	449x435x91	7Kg	**0672009A-840-21**
flood 38°	200W, 23900lm	80/4000K	ON/OFF	449x435x91	7Kg	**0672010A-840-21**
very-wide flood 78°	200W, 23900lm	80/4000K	ON/OFF	449x435x91	7Kg	**0672011A-840-21**

LIGHTING DATA

0672006A

narrow 12°

H m	Ø m	lux
2,00	0,44	44436
4,00	0,87	11109
6,00	1,31	4937
8,00	1,75	2777
10,00	2,19	1777
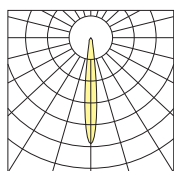
0672009A

medium 22°

H m	Ø m	lux
4,00	1,50	3710
8,00	3,00	930
12,00	4,60	410
16,00	6,10	230
20,00	7,70	150
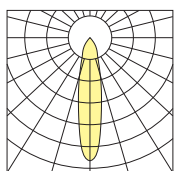
0672010A

flood 38°

H m	Ø m	lux
4,00	2,70	2090
8,00	5,40	520
12,00	8,10	230
16,00	10,80	130
20,00	13,60	90
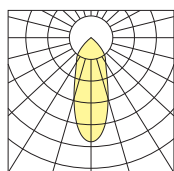
0672011A

very-wide flood 78°

H m	Ø m	lux
4,00	6,20	3230
8,00	6,50	810
12,00	9,70	360
16,00	12,70	200
20,00	16,10	130

*Fixture data (measured).
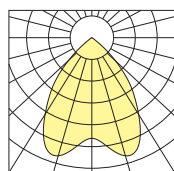
EQOS2 Floodlight

Version
ROTOSYMMETRIC
ARCHITECTURAL (with external Driver)

fastening holes

Ø12
Ø10,5
Ø10,5

132
252

A
B
C
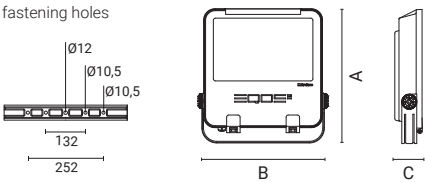
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
medium 22°	264W, 26200lm	840	ON/OFF	449x435x144	7,5Kg	**0672012A-840-21**
flood 38°	264W, 35000lm	840	ON/OFF	449x435x144	7,5Kg	**0672013A-840-21**
very-wide flood 78°	264W, 35000lm	840	ON/OFF	449x435x144	7,5Kg	**0672014A-840-21**

*Fixture data (measured).

LIGHTING DATA

0672012A
medium 22°

H m	Ø m	lux
4,00	1,50	5460
8,00	3,00	1370
12,00	4,60	600
16,00	6,10	340
20,00	7,70	220
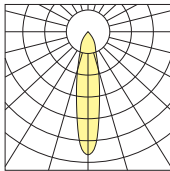
0672013A
flood 38°

H m	Ø m	lux
4,00	2,70	3090
8,00	5,40	780
12,00	8,10	350
16,00	10,80	200
20,00	13,60	124
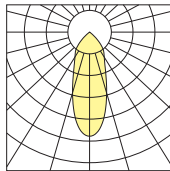
0672014A
very-wide flood 78°

H m	Ø m	lux
4,00	6,40	1200
8,00	12,90	300
12,00	19,30	130
16,00	25,70	80
20,00	32,20	50
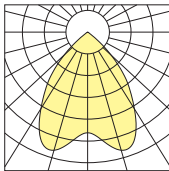
TENNIS COURT - AREA OF REFERENCE "PA" 30x15M, AS PER EN12193:2019 STANDARD

EQOS2 (0672002A-840)
Asymmetric optic Imax=60°

60°

| 0 | 5 | 10 | 25 | 50 | 100 | 150 | 250 | 600 | **LUX** |
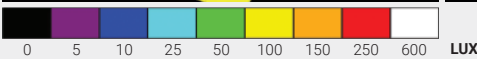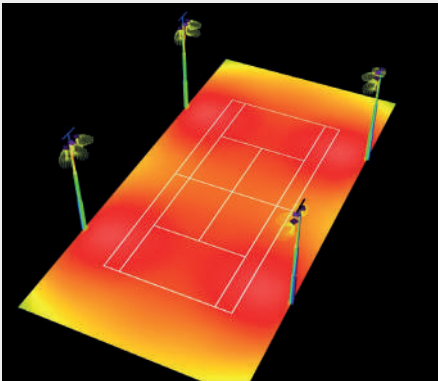
200W

Installation height: 9m
Interdistance between poles: 18m

Illuminance:	**230 lux**
Uniformity:	**0,73**
Qty of fittings:	**12**

INDUSTRY

*Fixture data (measured).
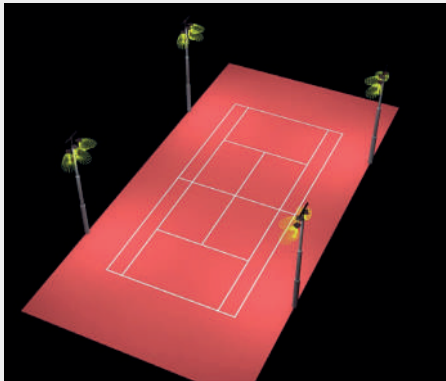
EQOS2 Plus

300 WATT

Version
WIDE FLOOD
LARGE AREAS

fastening holes

Ø12
Ø10,5
Ø10,5
132
252

A
B
C
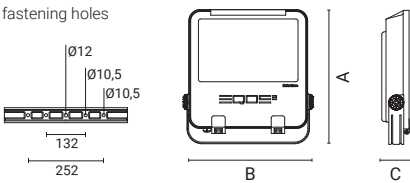
Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
extra wide flood 100°	300W, 38400lm	840	ON/OFF	449x435x91	7,5Kg	**0672020A-840-21**
asymmetric Imax=40°	300W, 37400lm	840	ON/OFF	449x435x91	7,5Kg	**0672021A-840-21**

LIGHTING DATA

0672020A

extra wide flood 100°		
4,00	9,37	1450
8,00	18,73	363
12,00	28,10	161
16,00	37,47	91
20,00	46,83	58
H m	**Ø m**	**lux**

0672021A

asymmetric Imax=40°		
2,00	6,72	913
4,00	13,44	228
6,00	20,16	101
8,00	26,88	57
10,00	33,60	37
H m	**Ø m**	**lux**
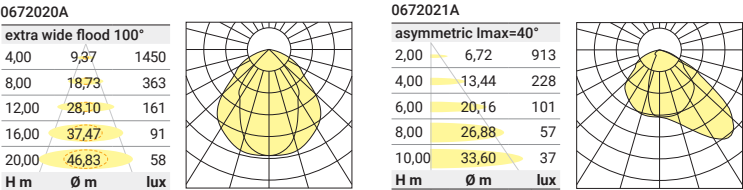
Lighting solution synergy between ECO and EQOS.

Shopping centre car park with illuminated perimeter, using **ECO Urban** with double post mounting and 25-metre high posts with **EQOS2** plus mounted on brackets to illuminate a large car park.
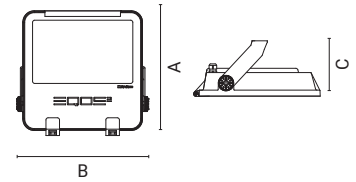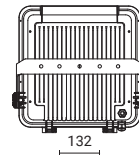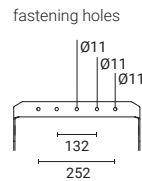
*Fixture data (measured).

EQOS2

Ceiling

Version
WIDE FLOOD
SYMMETRIC/ASYMMETRIC

fastening holes

Ø11
Ø11
Ø11

132
252

132

A

B

C

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
extra wide flood 109°	200W, 23500lm	80/4000K	ON/OFF	414x438x181	7Kg	**0272000A-840-21**
elliptic 100°x75°	200W, 23250lm	80/4000K	ON/OFF	414x438x181	7Kg	**0272003A-840-21**
asymmetric Imax=45°	200W, 20100lm	80/4000K	ON/OFF	414x438x181	7Kg	**0272001A-840-21**
asymmetric Imax=60°	200W, 20600lm	80/4000K	ON/OFF	414x438x181	7Kg	**0272002A-840-21**

LIGHTING DATA

0272000A

extra wide flood 109°		
4,00	2,70	2120
8,00	5,40	530
12,00	8,10	240
16,00	10,80	140
20,00	13,60	90
H m	**Ø m**	**lux**

0272003A

elliptic 100°x75°		
2,00	3,20	3320
4,00	6,50	830
6,00	9,70	370
8,00	12,70	210
10,00	16,10	140
H m	**Ø m**	**lux**

0272001A

asymmetric Imax=45°		
2,00	2,37	2264
4,00	4,74	566
6,00	7,10	252
8,00	9,47	141
10,00	11,84	91
H m	**Ø m**	**lux**

0272002A

asymmetric Imax=60°		
2,00	4,83	2512
4,00	9,66	628
6,00	14,48	279
8,00	19,31	157
10,00	24,14	100
H m	**Ø m**	**lux**

Suspended

Version
WIDE FLOOD
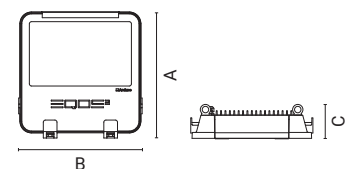
A

B

C

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Weight	Code
extra wide flood 109°	200W, 23500lm	80/4000K	ON/OFF	414x406x91	7Kg	**0272050A-840-21**
elliptic 100°x75°	200W, 23250lm	80/4000K	ON/OFF	414x406x91	7Kg	**0272051A-840-21**

LIGHTING DATA

0272050A

extra wide flood 109°		
2,00	6,90	2120
4,00	11,70	530
6,00	18,60	240
8,00	23,40	140
10,00	29,20	90
H m	**Ø m**	**lux**

0272051A

elliptic 100°x75°		
2,00	5,00	3320
4,00	10,00	830
6,00	15,00	370
8,00	20,00	210
10,00	25,00	140
H m	**Ø m**	**lux**

INDUSTRY

*Fixture data (measured).
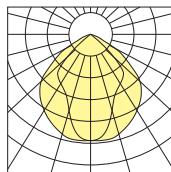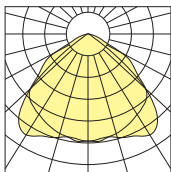
EQOS [Series]

COMMON ACCESSORIES

DESCRIPTION	Code
Powder-painted supporting bracket for 1 floodlight with Ø 60 mm pole. (L=500mm).	**1099153X-21**
Powder-painted supporting bracket for 2 floodlights with Ø 60 mm pole. (L=1000mm).	**1099151X-21**
Powder-painted supporting bracket for 3 floodlights with Ø 60 mm pole. (L=1500mm).	**1099152X-21**
Single aiming bracket.	**1099716X**
Double aiming bracket.	**1099717X**
Single pole bracket Ø 60 mm.	**1099080X-21**
Double pole bracket Ø 60 mm.	**1099079X-21**
Single adjustable pole bracket Ø 102 mm.	**1099472X-21**
Double adjustable pole bracket Ø 102 mm.	**1099473X-21**
Single adjustable pole bracket Ø 120 mm.	**1099085X-21**
Double adjustable pole bracket Ø 120 mm.	**1099082X-21**
Kit quick electrical connection IP66 3 poles (to be ordered with the light fitting).	**1099480X**
Kit quick electrical connection IP66 5 poles (to be ordered with the light fitting).	**1099481X**

EQOS0

DESCRIPTION	Code
Protection grid.	**1099170X**
Sloped visor.	**1099173X-12**

EQOS1

DESCRIPTION	Code
Protection grid.	**1099437X**
Sloped visor.	**1099438X-12**
Suspension cables kit (4 steel ropes and a carabiner).	**1099007X**

EQOS2 / EQOS2 plus

DESCRIPTION	Code
Protection grid.	**1099426X**
Sloped visor.	**1099624X-12**
Suspension cables kit (4 steel ropes and a carabiner).	**1099007X**

Floodlight-supporting bracket:
1099153X-21
1099151X-21
1099152X-21
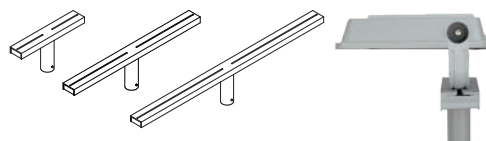
Staffa per puntatore singolo
1099716X
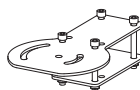
Staffa per puntatore doppio
1099717X

Single pole bracket:
1099080X-21
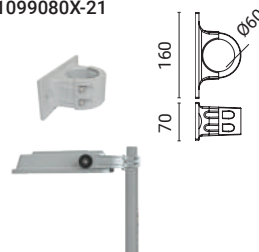
Double pole bracket:
1099079X-21
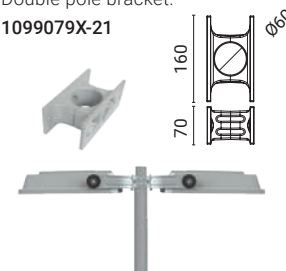
Adjustable pole bracket:
Ø102 (1099472X-21, 1099473X-21)
Ø120 (1099085X-21, 1099082X-21)
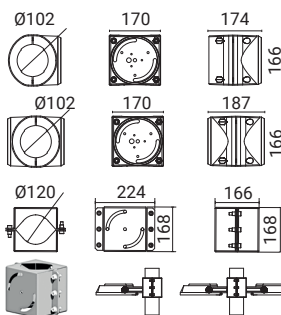
Visors:
EQOS0 (1099173X-12)
EQOS1 (1099438X-12)
EQOS2 (1099624X-12)

Suspension kit:
1099007X

Kit quick electrical connection, to be ordered with the light fitting:
3 poles (1099480X)
5 poles (1099481X)
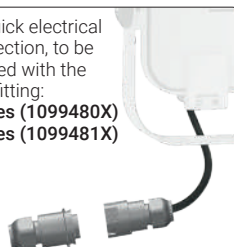
Grids:
EQOS0 (1099170X)
EQOS1 (1099437X)
EQOS2 (1099426X)

EQOS [Series]

TORY

CE | IP66 | IK08 | 0,09m² TORY1 | 0,17m² TORY2 | 0,24m² TORY3 | 0,32m² TORY4
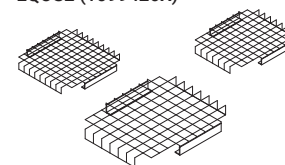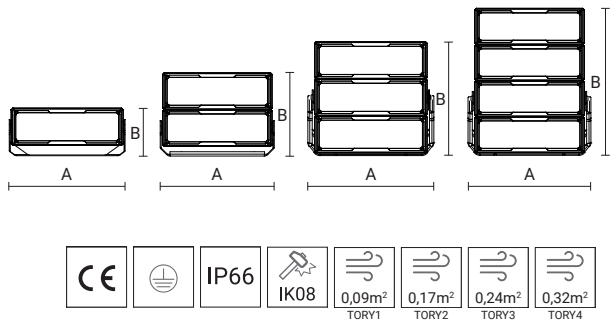
TORY is a series of **powerful modular floodlights** that provide an advanced and efficient solution for lighting category I, II and III sports facilities. Designed to provide uniform and high-quality lighting. A wide range of products is available, with different powers from 250 W to 1000 W.

CHARACTERISTICS

- Body and frame made of low-copper content aluminum alloy (EN 47100), die-cast.
- Powder-coated with UV-stabilized polyester paint, resistant to corrosion and salt mist.
- Silicone rubber gaskets with controlled hardness, UV-stabilized.
- External screws in stainless steel.
- Integrated LED driver with protection against overheating and network surges or voltage spikes, both common and differential mode.
- Replaceable surge protector for network spikes up to 10KV.
- Lenses made of PMMA.
- 4mm thick tempered glass lens, resistant to thermal shock.
- Graduated goniometer for aimin
- Laser pointer for long-distance alignment.
- Long LED lifespan >50,000 hours with L80.
- Fixture built in accordance with EN 60598-1 and EN 60598-2-5 standards, complete with CE marking in compliance with EU directives.

INSTALLATION

- Galvanized and painted steel bracket.

NOTA: The laser pointer for long-distance alignment is an accessory.

Rated Ta:	ON/OFF	-20°C ÷ +25°C

1000W, 140000lm

TORY series – suitable for lighting SPORTS!

The highest quality of construction and lighting, designed to be installed even on very high mast towers for stadiums. Innovative materials, modular system and technical solutions designed to reduce or even eliminate failures without making maintenance easier.

iC illuminazione commerciale.*it*
by **Arcluce**

CONVENIENT SPORTS LIGHTING AND MATERIALS THAT MAKE A DIFFERENCE.

Here are the main design features of the TORY series, designed to make installation and maintenance **in sports facilities as convenient as possible**, durable and maximize return on investment in the shortest possible time, while reducing energy consumption.

Stainless steel locking bolt.

Stainless steel screws

Robust and functional 4-block coupling system

Electrical compartment

4mm thick tempered glass lens

High-quality LED light sources characterized according to IES TM-30 methodology, with high color consistency and a long lifespan of >60,000 hours with L80

Reinforced bracket in galvanized and painted steel..
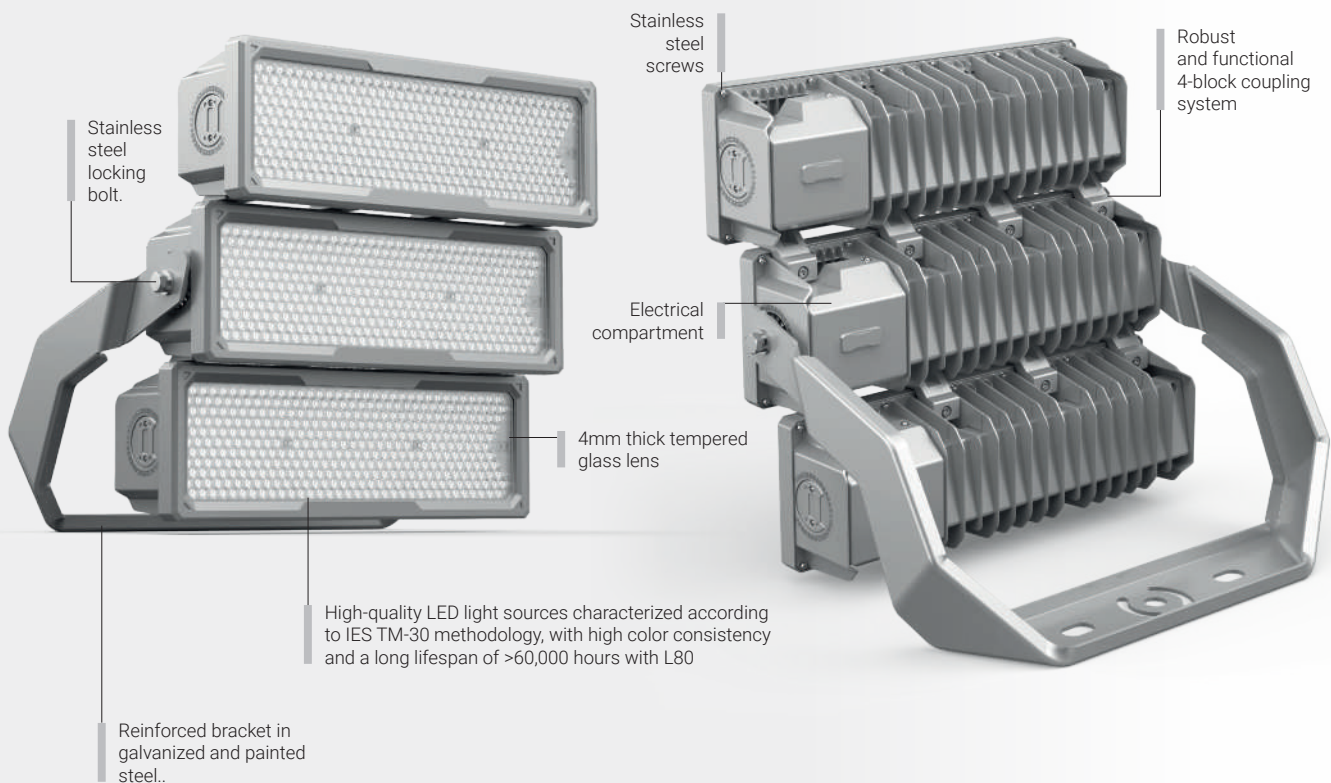
High-efficiency housing cooling.
In order to ensure maximum efficiency and durability of LED light sources and electronic components, a sophisticated high-efficiency fin design has been developed. This system optimally dissipates heat, ensuring the right operating temperature in all conditions.
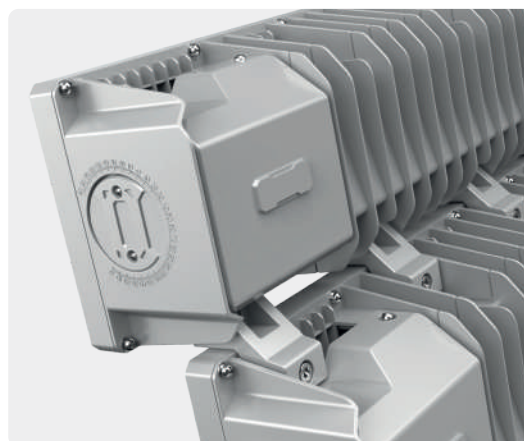
Precise graduated tilt scale on the housing.
Each module is equipped with a precise graduated goniometer for precise module alignment. In addition, a laser pointer for long-distance direction finding is available as an accessory.

INDUSTRY

TORY (Case studies)

WARRANTY 5 YEAR

BASKETBALL COURT - REFERENCE AREA: "PA" 32X16, STANDARD: UNI-EN 12193:2019 (CAT III)

TORY1 (0601003D-840)
Asymmetric Optic Imax=60°

250W

```
0   5   10   25   50   100   200   400   800   LUX
```
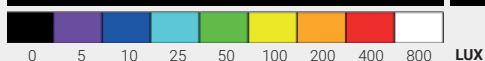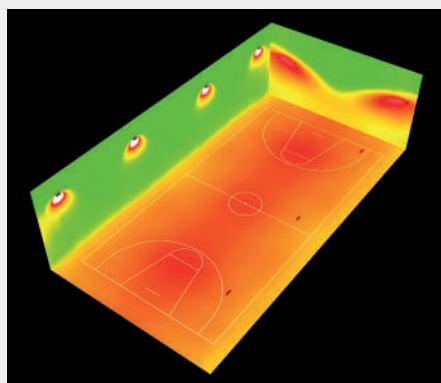
Installation height: 8m
Luminaires spacing: 10m

Illuminance: 283 lux
Uniformity: 0,74
Nr of luminaires: 8
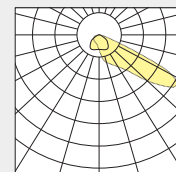
TENNIS COURT - REFERENCE AREA: "PA" 36X18 M, STANDARD: UNI-EN 12193:2019 (CAT I)

TORY2 (0601013D-840)
Asymmetric Optic Imax=60°

500W

```
0   1   10   25   50   100   200   400   800   LUX
```
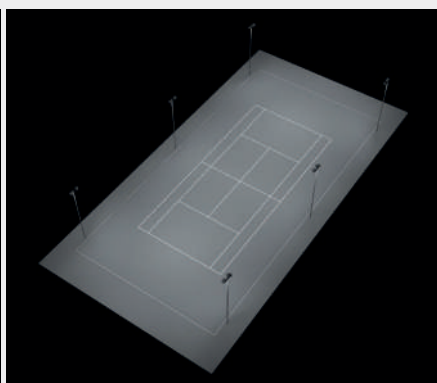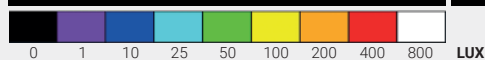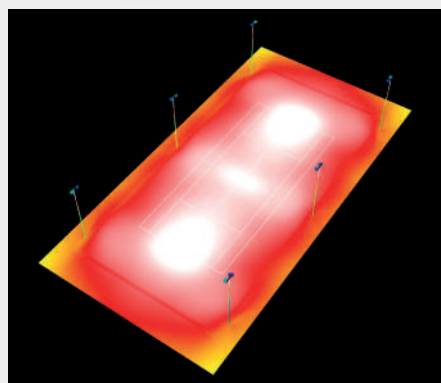
Installation height 8m
Masts spacing: 16m

Illuminance: 660 lux
Uniformity: 0,70
Nr of luminaries: 12
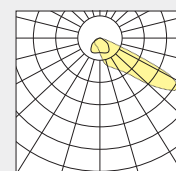
TORY (Case studies / Application areas / Category)

FOOTBALL FIELD - REFERENCE AREA "PA" 100x64M, STANDARD: UNI-EN12193:2019 (CAT I)
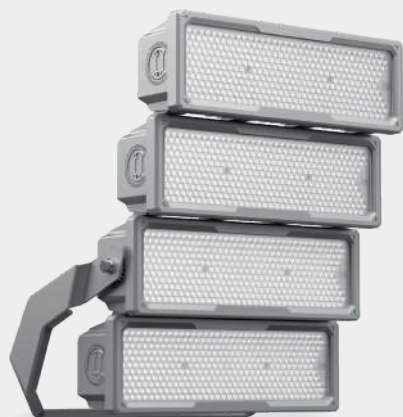
TORY4 (0601032D-840) / 12 pieces
Symmetric Optic 60°

TORY4 (0601031D-840) / 36 pieces
Symmetric Optic 30°

Height of Masts: 25m
Spacing: 70m

Illuminance:	**528 lux**
Uniformity:	**0,78**
Nr of luminaires:	**48**
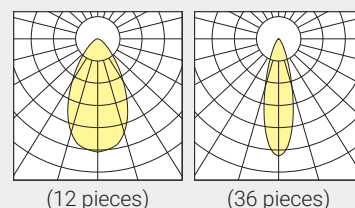
(12 pieces)   (36 pieces)

LUX
0   1   10   25   50   100   200   400   800
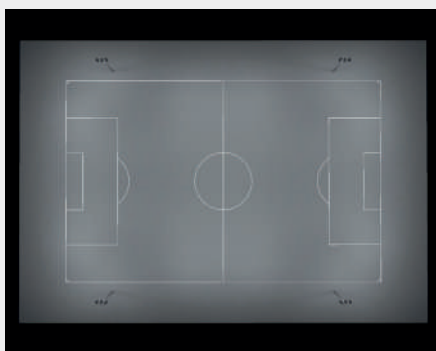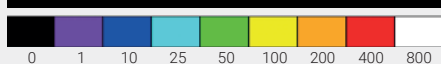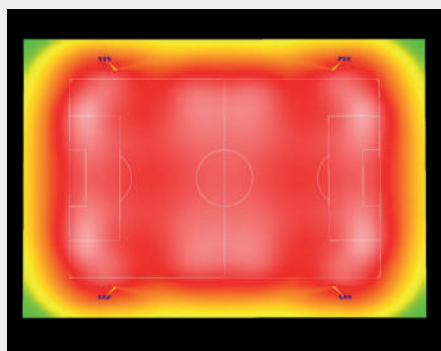
1000W

Sports lighting application areas

Football Field

Five-a-side football field (12 players).

Tennis Court

Indoor Tennis Court

Sports Arena

Multi-sport ground

Padel court

Rugby Field

Ice hockey rink

other sports: athletics, golf, BMX, shoting range.

Competition Category

■ **Category I**
Professional competition
(national, international, high level)

■ **Category II**
Semi professional competition
(Local, regional, high-level training)

■ **Category III**
Amateur or hobbyist competition
(Local, small clubs, training sessions, school sports).
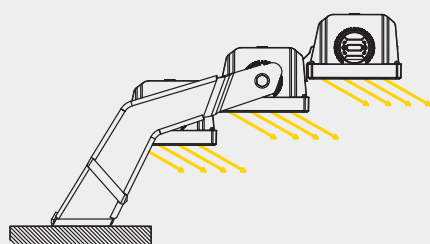
Installation examples Optic:
Asymmetric
Imax=60°

INDUSTRY

WARRANTY
5
YEAR

TORY1

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
narrow 16°	250W, 36500lm	80/4000K	DIMM	480x197x203	**0601000D-840-21**
flood 30°	250W, 36600lm	80/4000K	DIMM	480x197x203	**0601001D-840-21**
wide flood 60°	250W, 36600lm	80/4000K	DIMM	480x197x203	**0601002D-840-21**
asymmetric Imax=60°	250W, 35700lm	80/4000K	DIMM	480x197x203	**0601003D-840-21**
asymmetric Imax=60°	250W, 35500lm	80/5700K	DIMM	480x197x203	**0601003D-857-21**
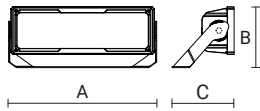
asymmetric Imax=60°

TORY2

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
narrow 16°	500W, 73000lm	80/4000K	DIMM	484x347x283	**0601010D-840-21**
flood 30°	500W, 73200lm	80/4000K	DIMM	484x347x283	**0601011D-840-21**
wide flood 60°	500W, 73200lm	80/4000K	DIMM	484x347x283	**0601012D-840-21**
asymmetric Imax=60°	500W, 71400lm	80/4000K	DIMM	484x347x283	**0601013D-840-21**
asymmetric Imax=60°	500W, 71000lm	80/5700K	DIMM	484x347x283	**0601013D-857-21**
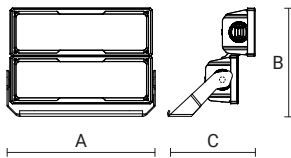
asymmetric Imax=60°
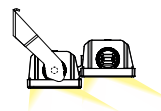
TORY3

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
narrow 16°	750W, 109500lm	80/4000K	DIMM	520x459x454	**0601020D-840-21**
flood 30°	750W, 109800lm	80/4000K	DIMM	520x459x454	**0601021D-840-21**
wide flood 60°	750W, 109800lm	80/5700K	DIMM	520x459x454	**0601022D-840-21**
asymmetric Imax=60°	750W, 107100lm	80/4000K	DIMM	520x459x454	**0601023D-840-21**
asymmetric Imax=60°	750W, 106500lm	80/5700K	DIMM	520x459x454	**0601023D-857-21**
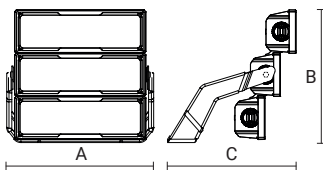
asymmetric Imax=60°
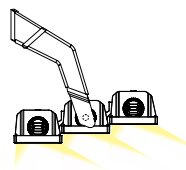
TORY4

Optic	Luminaire*	CRI/CCT	Wiring	Dim. (AxBxC) mm	Code
narrow 16°	1000W, 146000lm	80/4000K	DIMM	520x612x506	**0601030D-840-21**
flood 30°	1000W, 146400lm	80/4000K	DIMM	520x612x506	**0601031D-840-21**
wide flood 60°	1000W, 146400lm	80/4000K	DIMM	520x612x506	**0601032D-840-21**
asymmetric Imax=60°	1000W, 142800lm	80/4000K	DIMM	520x612x506	**0601033D-840-21**
asymmetric Imax=60°	1000W, 142000lm	80/5700K	DIMM	520x612x506	**0601033D-857-21**

*Fixture data (measured).

asymmetric Imax=60°

*Fixture data (measured).
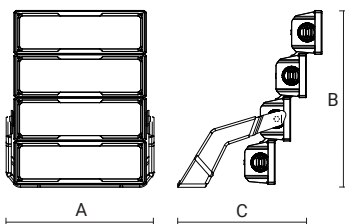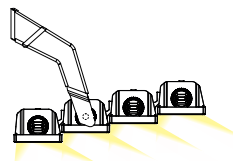
LIGHTING DATA

0601030D-840
narrow 16°

H m	Ø m	lux
10	2,85	7910
15	4,27	3515
20	5,7	1977
25	7,12	1266
30	8,55	879
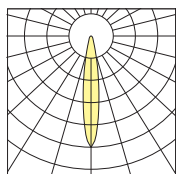
0601031D-840
flood 30°

H m	Ø m	lux
10	4,98	4173
15	7,47	1855
20	9,97	1043
25	12,46	668
30	14,95	464
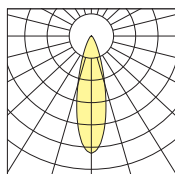
0601032D-840
wide flood 60°

H m	Ø m	lux
10	11	1383
15	16,49	615
20	21,99	346
25	27,49	221
30	32,99	154
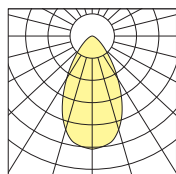
0601033D-840
asymmetric Imax=60°

H m	Ø m	lux max
10	37,52	409
15	56,27	182
20	75,03	102
25	93,79	65
30	112,55	45
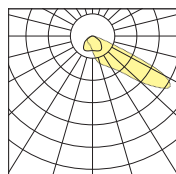
DRIVER

DRIVER compartment
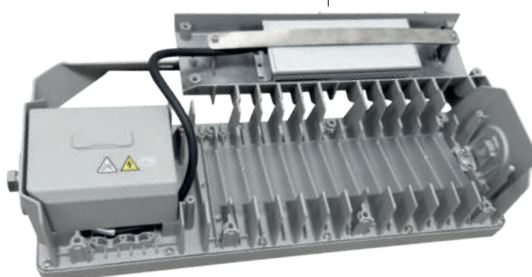
Each module is equipped with its own onboard DRIVER, **housed in a dedicated compartment**. A remote connection option is available upon request.

ACCESSORIES

DESCRIPTION	Code
Painted aluminium visor with fixation using 6 stainless steel screws (accessory for 1 module).	**1099714X-21**
Precision laser pointer for long-distance alignment.	**1099715X**

1099714X

1099715X

TORY3
with visor accessory.
Code: **1099714X-21**
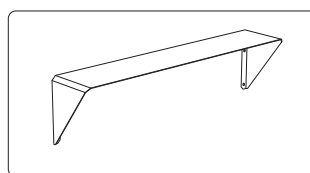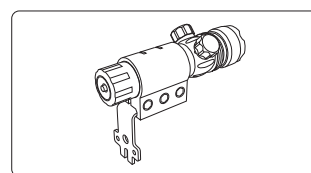
Precision laser pointer for long-distance alignment (available as an accessory).
Code: **1099715X**

Specialized technical advice.

TORY is a series of **high-power modular floodlights,** particularly suitable for lighting in category I, II and III sports facilities.

To help you design your lighting properly, Arcluce offers professional expertise that will guide you **step by step** through the creation of your **lighting project**.
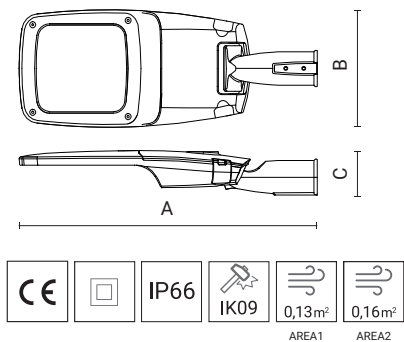
Consultations are **available** to all customers for small, medium and large installations, from 10 units to a larger number of luminaires.

■ Contact us at the number:
 +39 02 981 0981

■ or write to:
 project@arcluce.it

INDUSTRY

AREA

CE · IP66 · IK09 · 0,13m² AREA1 · 0,16m² AREA2

AREA series of **bollard lights for urban** and **street lighting**. Designed using advanced optical technologies, they provide efficient and uniform lighting. High-efficiency LED sources provide powerful lighting with low energy consumption, and the products are made of durable materials.

CHARACTERISTICS

- Die-cast low copper content aluminum body (EN 47100).
- Polyester powder coating stabilized against UV rays, resistant to corrosion and salt mist.
- Silicon rubber gaskets with controlled hardness, UV-stabilized.
- External screws made of stainless steel.
- Disconnector that automatically disconnects the power line upon opening the body.
- Integrated LED driver with protection against overheating, voltage spikes, and surges, both common mode and differential.
- Additional replaceable surge protector against network spikes up to 10KV.
- Lenses made of PMMA.
- 4mm thick tempered glass screen resistant to thermal shocks.
- LED long lifespan >50,000 hours with L80.
- Manufactured in accordance with EN 60598-1 and EN 60598-2-3 standards, CE marked in compliance with EU directives.

INSTALLATION

- Pole-top installation, requires a reducing socket from Ø60mm to 100mm height. Available accessories for single or multiple mounting on arm.
- Supplied complete with cable (0.15m or, upon request, pole length) with IP66 plug-and-socket connector, locking nut for cables from 9 to 12mm.
- Fitted with a condensation valve.

Easy access to the wiring compartment via hooks, no tools required.

NOTA: All versions are a**vailable with dual-power wiring (E)** featuring a switch for power reduction during nighttime hours.

Rated Ta (max Ta):	ON/OFF	-20°C ÷ +25°C (35°)

The electrical compartment is **physically isolated** from the light source compartment for better control of the light source cooling.

AREA1 (42W up to 7100lm)

AREA2 (77W up to 13600lm))

### AREA2 (102W up to 17400lm)

Pole-top installation at 90° – mounting with adjustable inclination via a fastening screw system.

AREA

Excellent lighting performance and low energy consumption, also thanks to the availability of **dual-power wiring (E)** with switching for **power reduction during nighttime hours**, available on all versions.

Lightweight, visually, functionally and with sustainable materials.

AREA is the result of a design that maximizes lighting performance using durable materials. The design features a wide and thin space for the light sources and a compact, well-insulated housing that houses and protects the electronic components from the elements. A universal, easy-to-adjust bracket.

A wide and slim area for the light sources

Compact and well-insulated body for the electronic components
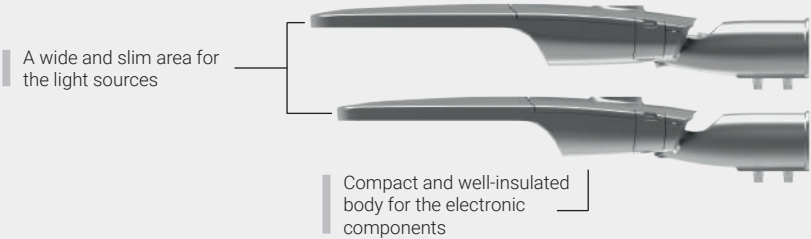
The result is a light, functional, and sustainable design; a sleek line with a pleasant aesthetic impact that ensures **high durability over time.**

The upper part, with a slightly curved shape, promotes drainage, preventing the accumulation of dirt and water stagnation.

AREA2 - CASE STUDY

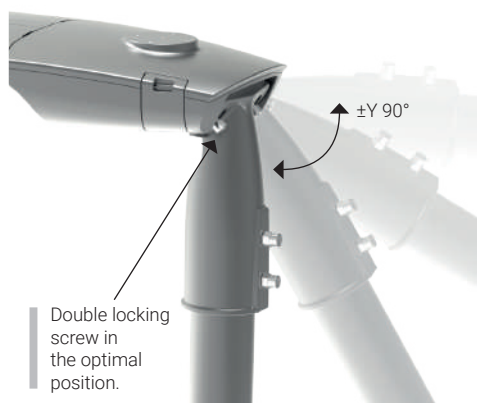| 0801020A - TYPE II (102W)	Average luminance	General uniformity	Longitudinal uniformity	Discomfort glare	Contiguity ratio
Values obtained	1.58	0.41	0.81	15	0.69
Values required by road class ME4b	≥ 0.75	≥ 0.40	≥ 0.50	≥ 15	≥ 0.50
Compliant	✓	✓	✓	✓	✓

Example: 2-lane road, 7-meter width, arrangement in a single row on one side.
Reference class ME4b.
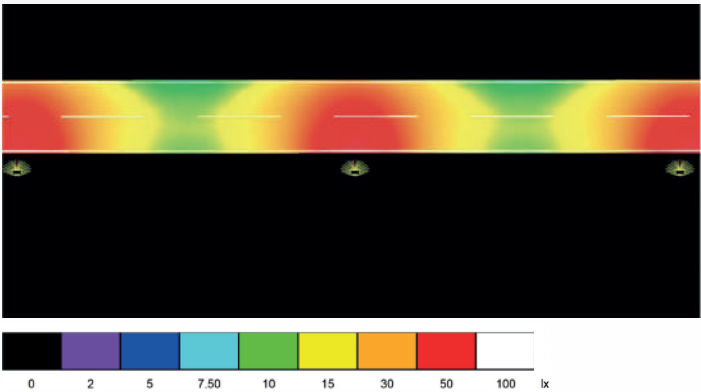
Optic: TYPE II
Power: 102W
Poles Height: 8m
Poles distance: 32m

| | 0 | 2 | 5 | 7.50 | 10 | 15 | 30 | 50 | 100 | lx |

INDUSTRY

WARRANTY 5 YEAR
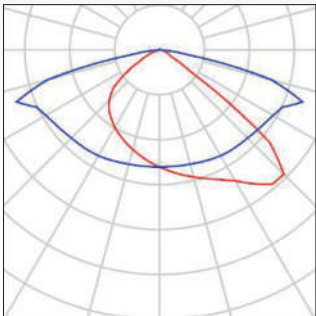
- Adjustable mounting from 0° to 90°.

±Y 90°

Double locking screw in the optimal position.

- Pole-top installation with 0° inclination.

AREA1

Optic	Luminaire*	CRI/CCT**	Wiring	Dim. (AxBxC) mm	Code
type II	42W, 7100lm	70/4000K**	ON/OFF	630x 229x 100	**0801000A-740-21**
type III	42W, 7000lm	70/4000K**	ON/OFF	630x 229x 100	**0801001A-740-21**
type IV	42W, 6900lm	70/4000K**	ON/OFF	630x 229x 100	**0801002A-740-21**

AREA2

Optic	Luminaire*	CRI/CCT**	Wiring	Dim. (AxBxC) mm	Code
type II	77W, 13600lm	70/4000K**	ON/OFF	664x 258x100	**0801010A-740-21**
type III	77W, 13550lm	70/4000K**	ON/OFF	664x 258x100	**0801011A-740-21**
type IV	77W, 13450lm	70/4000K**	ON/OFF	664x 258x100	**0801012A-740-21**
type II	102W, 17250lm	70/4000K**	ON/OFF	664x 258x100	**0801020A-740-21**
type III	102W, 17400lm	70/4000K**	ON/OFF	664x 258x100	**0801021A-740-21**
type IV	102W, 17200lm	70/4000K**	ON/OFF	664x 258x100	**0801022A-740-21**

**Also avaible with 3000K

AREA1 - LIGHTING DATA

typo II
H=5m
LUX (m)
Code: 0801000A

typo III
H=5m
LUX (m)
Code: 0801001A

typo IV
H=5m
LUX (m)
Code: 0801002A

AREA2 - TECHNICAL DATA

typo II
H=5m
LUX (m)
Code: 0801010A

typo III
H=5m
LUX (m)
Code: 0801011A

typo IV
H=5m
LUX (m)
Code: 0801012A

typo II
H=5m
LUX (m)
Code: 0801020A

typo III
H=5m
LUX (m)
Code: 0801021A

typo IV
H=5m
LUX (m)
Code: 0801022A

*Fixture data (measured).
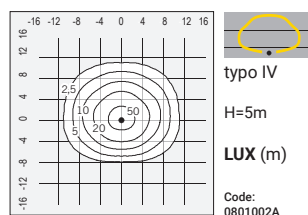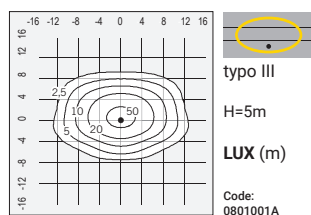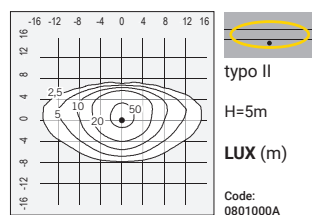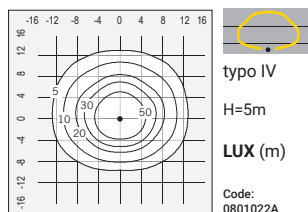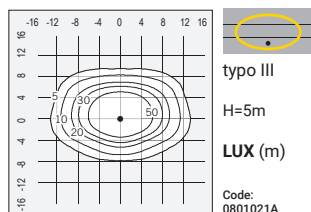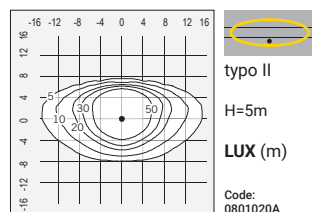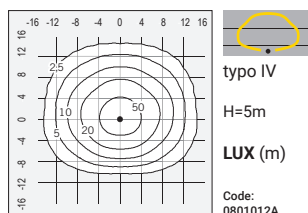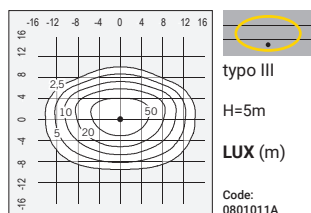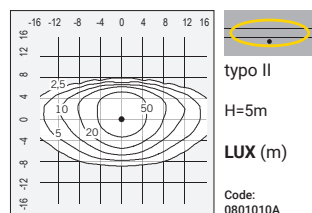
ACCESSORIES

DESCRIPTION	Codice
Single Ø 60mm mounting for installation on a Ø 60mm pole	**1099710X-21**
Double Ø 60mm mounting for installation on a Ø 60mm pole	**1099711X-21**
Single Ø 60mm mounting for installation on a Ø 76mm pole	**1099712X-21**
Double Ø 60mm mounting for installation on a Ø 76mm pole	**1099713X-21**
Ø 60mm mounting for wall installation – 15° inclination	**1099617X-21**
Ø 60mm mounting for wall installation – 0° inclination	**1099705X-21**
Ø 60mm mounting for wall installation on corner – 15° inclination	**1099616X-21**
Ø 60mm mounting for wall installation on corner – 0° inclination	**1099706X-21**
Double Ø 60mm mounting for pole-top installation – 90° inclination	**1099707X-21**
Triple Ø 60mm mounting for pole-top installation – 90° inclination	**1099730X-21**
Quadruple Ø 60mm mounting for pole-top installation – 90° inclination	**1099731X-21**
Single Ø 60mm mounting for pole-top installation – 1000mm arm length	**1099708X-21**
Double Ø 60mm mounting for pole-top installation – 1000mm arm length	**1099709X-21**

1099710X-21 **1099711X-21** **1099712X-21** **1099713X-21**

1099617X-21 **1099705X-21** **1099616X-21** **1099706X-21**

1099707X-21 **1099730X-21** **1099731X-21** **1099708X-21** **1099709X-21**

INDUSTRY
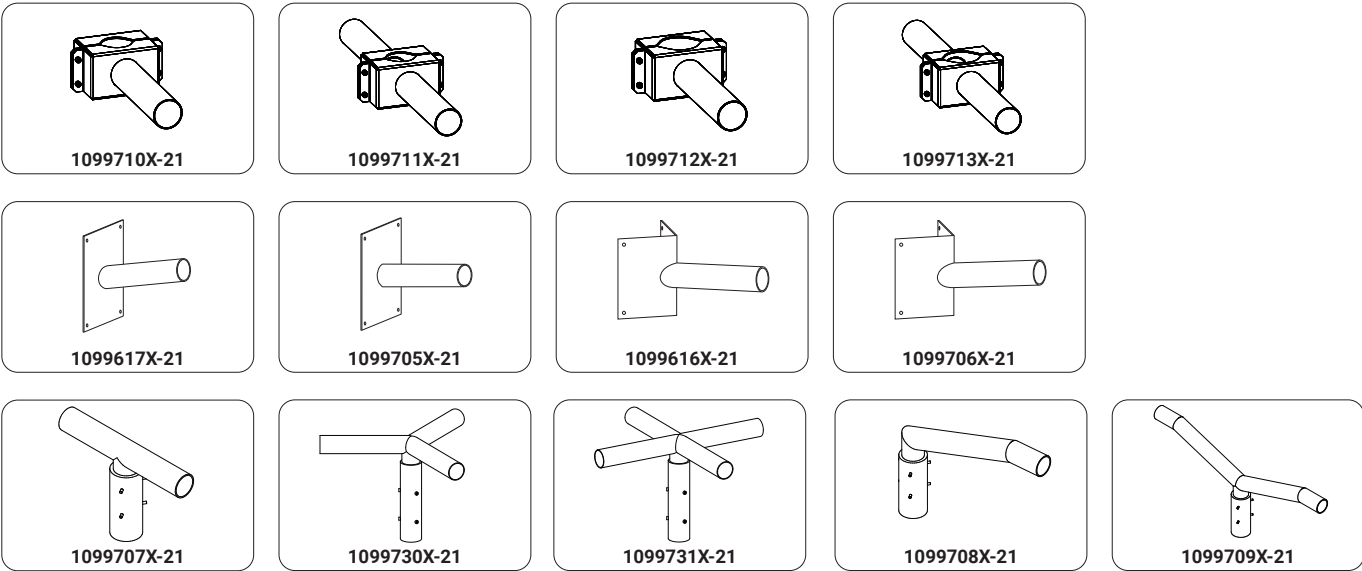
LEGEND

PRODUCT CODE

Product Number	Wiring*	Color Temperature	Product Color	Final Product Code
0768004	C	-830	-30	0768004C-830-30

Available Wiring
Check on the product.

Example: -830 = CRI **80 30**00K
-930 = CRI **90 30**00K

Production Colors
Check on the product.

All wired devices are suitable for operation with a supply voltage of 230V/50Hz.
Upon request, wiring for other supply voltages can be provided

*WIRING

							Product Version with EMERGENCY						
A	ON/OFF	D	DIMM	T	BLE		G	ON/OFF-E	L	DIMM-E	V	SNS-E
B	DALI	R	PUSH	F	DMX		H	DALI-E	N	PHASE-CUT-E	C	REM-D
E	BIP	P	PHASE-CUT	S	SNS		M	BIP-E	U	BLE-E	X	Accessories

COLORS**

○	-11	White
●	-12	Black
●	-15	Green
●	-16	Grey
●	-21	Aluminium
●	-30	Stainless Steel

** If the product is not available in your desired color, it is necessary to request a quote from Arcluce, which will provide a quotation based on the quantity.

SENSORS FOR LIGHT

1099651X-11

1099652X-11

1099653X-11

OFFICES (Height max = 5 m)
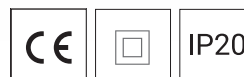
CE ▫ IP20

ON/OFF presence sensor (for CEILING Installation)

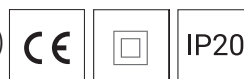| Description	Code
ON/OFF presence sensor for ceiling installation. A normally open channel at zero potential with a maximum manageable load of 2 kW (power factor 0.9). Circular detection area with a Ø 10 m radius, equipped with a Master function. Integrated twilight sensor. Protection rating IP20..	**1099651X-11**

DALI-2 presence and daylight sensor (for RECESSED installation)

Description	Codice
Presence and brightness sensor with DALI-2 interface for recessed installation. Circular detection area with a Ø 10 m radius, equipped with a Master function. Integrated light sensor for automatic constant light regulation. Control of up to 40 DALI drivers. Protection rating IP20. Programmable/controllable remotely via IR Remote Control (accessory 1099654X)).	**1099652X-11**

Accessory	Codice
IP54 base for ceiling installations (only for DALI Sensor - Code 1099652-11).	**1099653X-11**

1099648X-11

1099649X-11

1099650X-11

OFFICES/WAREHOUSES (Height max = 10 m)

CE ▫ IP20

ON/OFF presence sensor (for ceiling installation)

Description	Codice
ON/OFF presence sensor for ceiling installation. A normally open channel with zero potential, capable of handling a maximum load of 2 kW (power factor 0.9). Circular detection area with a diameter of 24 m, equipped with a Master function. Integrated twilight sensor. Protection degree IP20.	**1099648X-11**

DALI-2 presence and daylight sensor (for recessed installation)

Description	Codice
Presence and daylight sensor with DALI-2 interface for recessed installation. Circular detection area with a diameter of 24 m, equipped with a Master function. Integrated light sensor for automatic constant light regulation. Controls up to 40 DALI drivers. Protection degree IP20. Programmable/controllable remotely via IR remote control (accessory 1099654X)	**1099649X-11**

Accessory	Codice
IP54 base for ceiling installations (only for DALI Sensor - Code 1099649-11)	**1099650X-11**

1099654X

1099660X-11

COMMON ACCESSORIES

Description	Codice
IR Remote Control for system programming (only for DALI versions)	**1099654X**
Protection grid for sensors (for all versions)	**1099660X**

BEAM (codification)

Zoom		Wide Flood	<60°
Spot	<10°	Very Wide Flood	>60°
Narrow	<15°	Asymmetric	
Medium	<25°	Wall Washer	
Flood	<40°	Elliptic	
		Adjustable	

INSULATION CLASSES

Class I - Light fittings with all accessible metal parts connected to earth circuit.

Class II - Light fittings where all accessible metal parts are insulated from voltage in case of failure. The light fitting does not avail of earth device.

Class III - Light fittings working with very low voltage. The light fiiting does not avail of earth device.

CLASSIFICATION

CE	CE Mark (European Conformity).		Beam Opening Adjustment.
60mm	Recessed Hole.		High visual comfort.
IKXX	Degree of protection against external mechanical impacts.		Product suitable for use in rooms with video terminals.
KG XXX	Tolerable static load.	UGR <XX	Glare reduction.
850°	Technopolymer resistant to 850° glow wire test.	LOW FLICKER	Anti-flicker technologies for improved visual comfort.
	Can be driven over at a max speed of 20 Km/h.	CCT SELECT	Switch for settings: warm light, natural light, cold light.
	Can be walked over.		Presence detection sensor.
XXXm²	Surface exposed to wind.		Emergency batteries in case of power failure.

PROTECTION DEGREE

IP20	Protected against solid objects Ø > 12 mm.	IP44	Protected against solid objects Ø > 1 mm and splash-proof.	IP66	Dust-tight and powerful water jet-proof.
IP23	Protected against solid objects Ø > 12 mm and rain-proof.	IP54	Dust-proof and splash-proof.	IP67	Dust-tight and water-tight (immersible).
IP40	Protected against solid objects Ø > 1 mm.	IP55	Protection against dust and water jets.	IP68	Dust-tight and sealed against submersion.
IP43	Protected against solid objects Ø > 1 mm and rain-proof.	IP65	Dust-tight and jet-proof.	IP68 1m	Dust-tight and sealed against submersion at a max. depth of 1mt.

CONTROL

Intelligent lighting management for optimized energy consumption.

WAREHOUSES (max height = 16 m)

CE ☐ IP20 IP54

ON/OFF presence Sensor (for ceiling installation)

Description	Code
ON/OFF presence sensor for ceiling installation. Features a single normally open zero-potential channel with a maximum load capacity of 2 kW (power factor 0.9). Detection area of 30x19 m, equipped with Master function. Integrated twilight sensor. Protection rating: IP20.	**1099672X-11**

1099672X-11

DALI-2 Presence and Light Sensor (for ceiling installation)

| Description	Code
Presence and light sensor with DALI-2 interface for ceiling installation. Detection area of 30x19 m, equipped with Master function. Integrated light sensor for automatic constant light regulation. Controls up to 40 DALI drivers. Protection rating: IP54. Programmable/controllable remotely via IR remote control (accessory 1099654X).	**1099673X-11**

1099673X-11

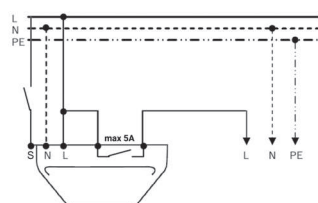Application: *Offices*
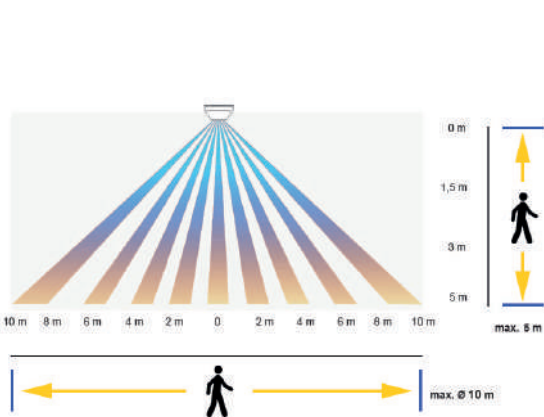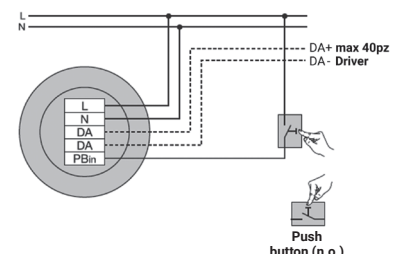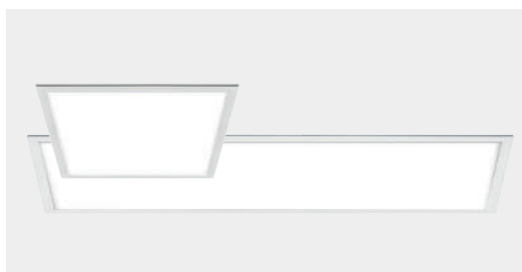
Offices / Warehouses
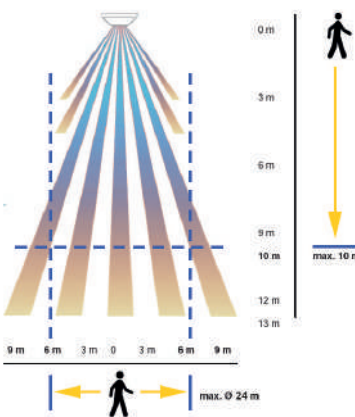
Warehouses (high ceilings)
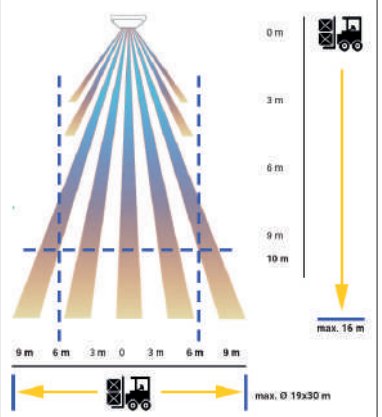
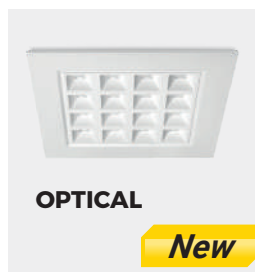## WIRING DIAGRAMS

For **ON/OFF** presence sensors

max 5A

For presence/light sensors **DALI**

DA+ **max 40pz**
DA - **Driver**

Push button (n.o.)