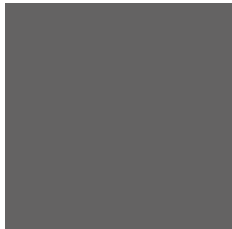


ELIA

EASY LIGHTING & INSTALLATION APPLICATION

GEWISS



Ed. 03
2022

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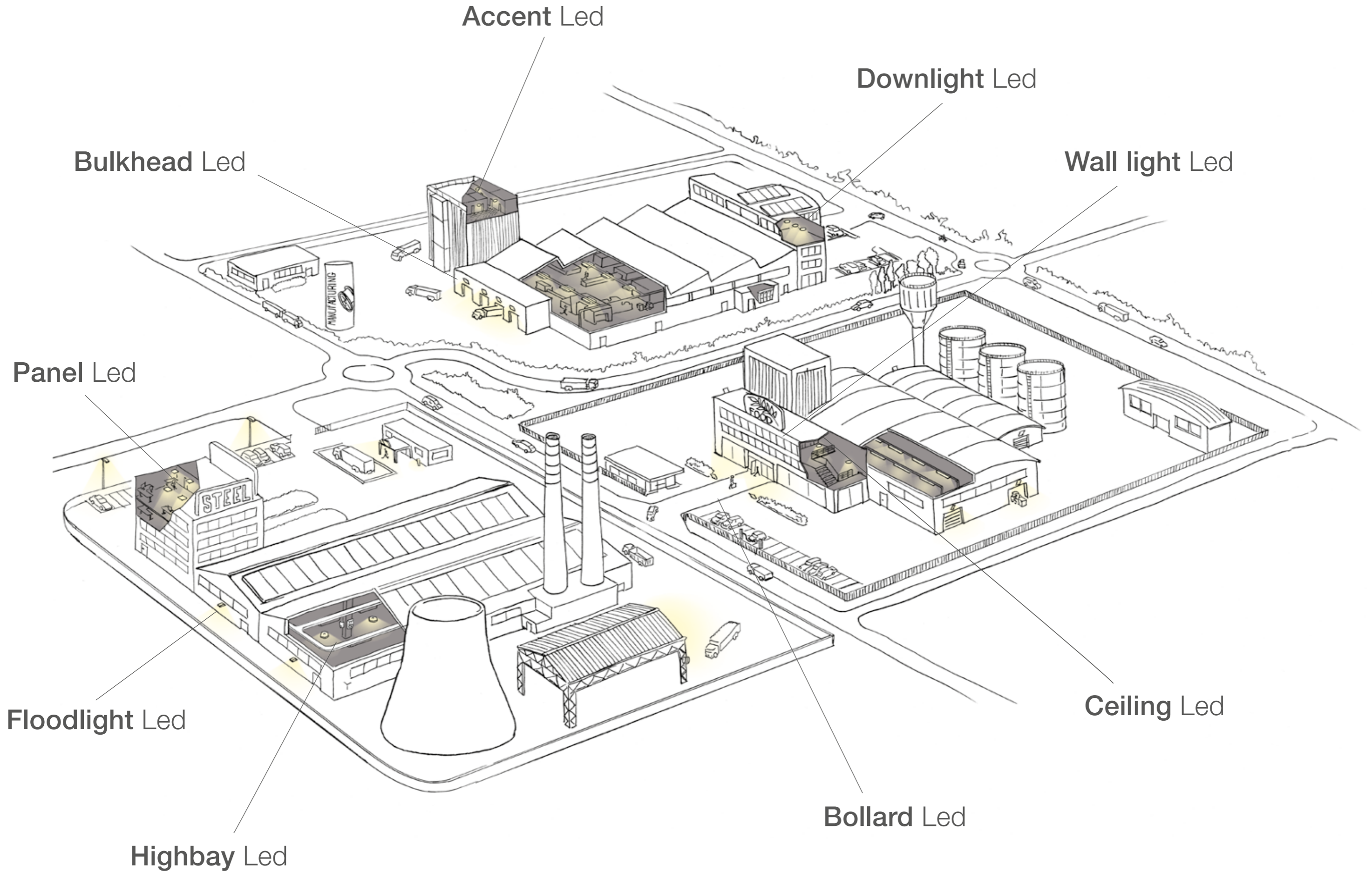
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The ELIA logo is centered in the middle of the page. It is composed of the letters "E", "L", "I", and "A" in a minimalist, white, sans-serif font. The "E" is formed by three horizontal lines, the "L" is a single vertical line with a horizontal base, the "I" is a single vertical line, and the "A" is a simple triangular shape.

EASY LIGHTING & INSTALLATION APPLICATION

The acronym Easy Lighting & Installation Application has given rise to ELIA, the new range of GEWISS products for industry, designed to meet the needs of the smallest companies without compromise.

ELIA products have been conceived to satisfy the demands of small companies in the manufacturing and commercial sectors, offering **ease of installation**, **reliability** and a **fast return on investment**.



PRODUCT RANGE



ELIA^{AL}

Elia AL - Accent Led - circular recessed accent lighting designed for the tertiary sector. Flexible and suitable for all contexts, it guarantees great energy savings and low maintenance requirements.



ELIA^{BL}

Elia BL - Bollard Led - an elegant, die-cast aluminium ground-mounted device, ideal for architectural lighting in residential areas and passageways.



ELIA^{CL}

Elia CL - Ceiling Led - the circular surface-mounted lowbay for indoor and tertiary lighting. Constructed in polycarbonate, it guarantees excellent performance with an elegant and compact design.



ELIA^{DL}

Elia DL - Downlight Led - circular recessed lighting designed for commercial sector. Flexible and suitable for all contexts, it guarantees great energy savings and low maintenance requirements.



ELIA^{EL}

Elia EL - External Led - the circular surface-mounted ceiling bulkhead for outdoor and commercial lighting. The die-cast aluminium body and polycarbonate screen guarantee excellent performance with an elegant and durable design.



ELIA^{FL}

NEW

Elia FL - Floodlight Led - the range of medium and high-power compact floodlights in die-cast aluminium. Ideal for indoor and outdoor lighting, it combines quality lighting, energy savings and low maintenance requirements.



ELIA^{FL MINI}

NEW

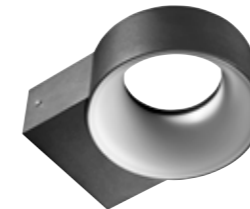
Elia FL Mini - Floodlight Led - the range of low-power compact floodlights in die-cast aluminium. Designed for lighting indoor and outdoor architectural elements, both in residential and professional contexts.



ELIA^{HL}

NEW

Elia HL - Highbay Led - the solution for high-level lighting in production areas. Suitable for the industrial and commercial sector, it guarantees high performance and high energy savings, with low maintenance requirements.



ELIA^{OL}

Elia OL - Outdoor Led - an elegant die-cast aluminium wall-mounted device, ideal for indoor and outdoor architectural lighting with a pure and essential aesthetic.



ELIA^{PL}

NEW

Elia PL - Panel Led - the modular panel available with multiple optics and light sources combinations. It is the perfect solution for any indoor lighting application, including demanding environments thanks to the IP65 version.



ELIA^{PL BACKLIT}

NEW

Elia PL Backlit - Panel Led - the modular panel which combines high energy efficiency and flexibility for a quick return on the investment in the replacement of traditional lighting systems in multiple indoor applications.



ELIA

The ELIA product family was designed in order to respond to the needs of a specific area of application - the industrial and commercial sector - rewarding a modest investment with a host of clear benefits in terms of energy savings, low maintenance and easy replacement of the existing lighting system.

ELIA has three key distinguishing features:

EASY RELAMPING

Pay off your lighting investment in under a year and a half, with a lighting system which is more efficient and durable. The ELIA range has been conceived to offer an excellent efficiency/price ratio - the perfect solution for replacing old devices, guaranteeing a rapid return on investment.

FAST INSTALLATION

Simple, fast assembly for reduced labour time. Extremely flexible and easy to install, ELIA has been designed with a series of features and accessories that facilitate installation.

GUARANTEED QUALITY

5 years warranty on all components and a longer lifespan. ELIA is part of the GEWISS LED product family, developed to provide maximum reliability and innovation, in terms of the quality of the product as a whole and of the individual components.

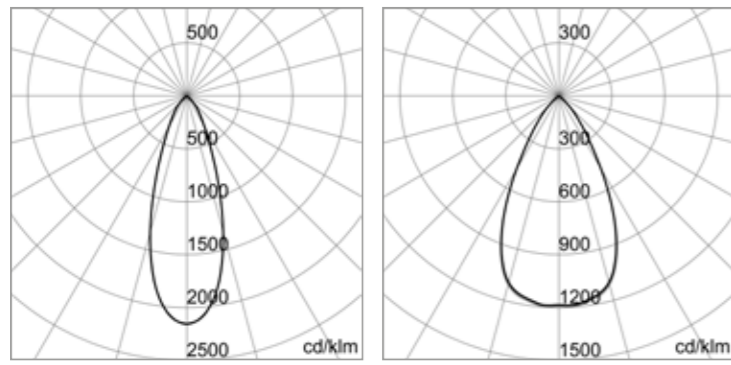
ELIA AL

Recessed LED fixture for accent lighting in commercial areas and offices



ELIA AL is a flush-mounting LED device for accent lighting in commercial areas and offices, composed of a white powder-coated die-cast aluminium frame and 2 different optics (36° and 60°) that guarantee a UGR of less than 19. The range is available in two sizes, with a colour temperature of 3,000 K (warm white) or 4,000 K (neutral white), a colour rendering index of more than 80 or more than 90 and the option of an electronic power supply with On/Off or DALI command. This modular flush-mounting solution features a rotosymmetrical optic equipped with a passive heat dissipation system in die-cast aluminium. Installation is quick and easy, thanks to of the reduced weight of the device, the bayonet coupling and the simple wiring with the integrated connector and remote power supply included.

PHOTOMETRY



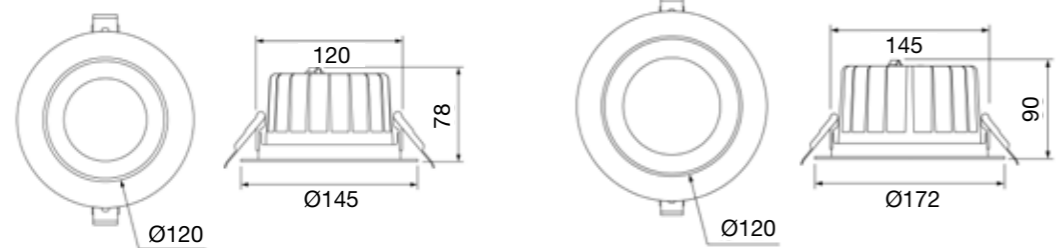
36° optic

60° optic

DIMENSIONS

S2

M2



-  IP 54
-  IK 06
-  GWT 850°C
- 
- 
- 
- 



GENERAL INFORMATION

Application	Indoor
Colour	White
Light source	LED - non-replaceable
Power	18 W - 25 W
Lifetime	L80B50 (Tq=25°C) = 50,000 h
Weight	Up to 0.7 kg
Warranty	5 years
Storage temperature	- 20°C + 65°C
Operating temperature	- 20°C + 45°C
Protection degree	IP54/IP40
Impact resistance	IK06

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	36° - 60°
Glare and luminance control	UGR <19
System luminous flux	Up to 2,700 lm
Luminous efficacy	Up to 113 lm/W
Colour temperature	3,000 K - 4,000 K
Colour rendering index	CRI 80 - 90
Chromatic tolerance	SDCM = 5
Photobiological class	RG0

MATERIALS

Body	Die-cast aluminium
Optical group	High-efficiency reflector
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Typical installation	Recessed mounting through integrated springs
Wiring	With terminal on power supply driver

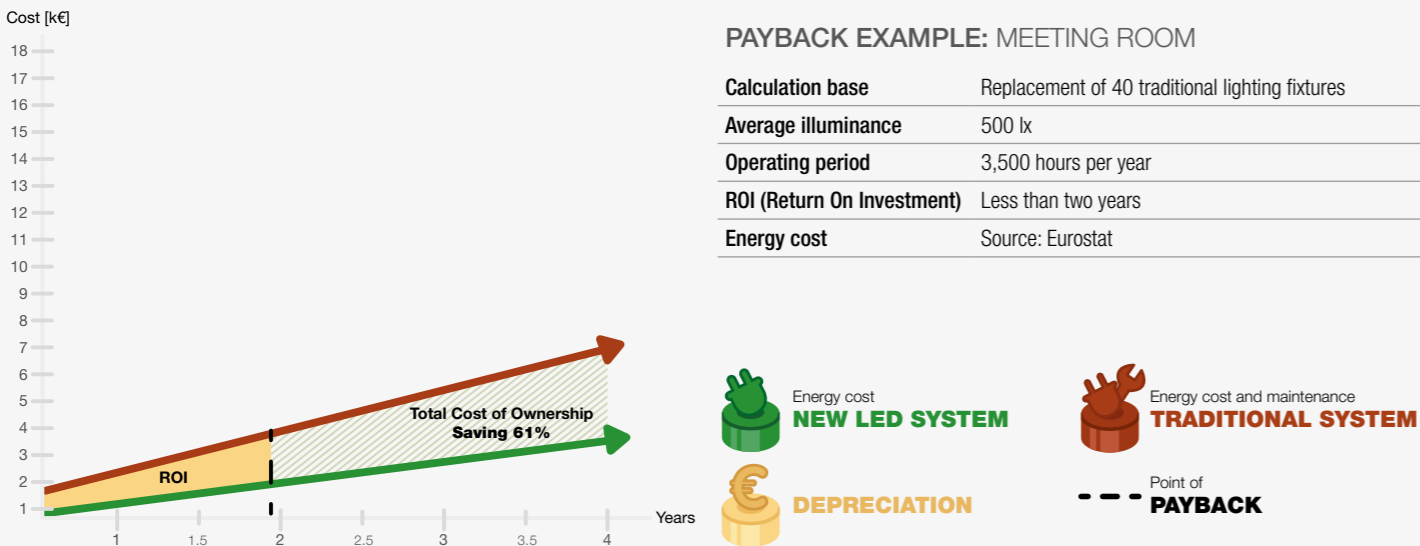
ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Rated voltage	220 - 240 V
Rated frequency	50/60 Hz
Driver	External - included
Protection device	Resistance to overvoltages up to 0.5 kV to 1 kV
Control system	On/Off - DALI

LIST OF CODES



Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Power (W)	Colour temperature (K)	UGR	Control system
GWF1410GG830	36°	CRI 80	1,900	S2	18 W	3,000 K	UGR <19	On/Off
GWF1410GG840	36°	CRI 80	2,000	S2	18 W	4,000 K	UGR <19	On/Off
GWF1410GG930	36°	CRI 90	1,700	S2	18 W	3,000 K	UGR <19	On/Off
GWF1410GG940	36°	CRI 90	1,800	S2	18 W	4,000 K	UGR <19	On/Off
GWF1410GH830	60°	CRI 80	2,000	S2	18 W	3,000 K	UGR <19	On/Off
GWF1410GH840	60°	CRI 80	2,100	S2	18 W	4,000 K	UGR <19	On/Off
GWF1410GH930	60°	CRI 90	1,800	S2	18 W	3,000 K	UGR <19	On/Off
GWF1410GH940	60°	CRI 90	1,900	S2	18 W	4,000 K	UGR <19	On/Off
GWF1410MG830	36°	CRI 80	2,500	M2	25 W	3,000 K	UGR <19	On/Off
GWF1410MG840	36°	CRI 80	2,700	M2	25 W	4,000 K	UGR <19	On/Off
GWF1410MG930	36°	CRI 90	2,300	M2	25 W	3,000 K	UGR <19	On/Off
GWF1410MG940	36°	CRI 90	2,500	M2	25 W	4,000 K	UGR <19	On/Off
GWF1410MH830	60°	CRI 80	2,600	M2	25 W	3,000 K	UGR <19	On/Off
GWF1410MH840	60°	CRI 80	2,800	M2	25 W	4,000 K	UGR <19	On/Off
GWF1410MH930	60°	CRI 90	2,400	M2	25 W	3,000 K	UGR <19	On/Off
GWF1410MH940	60°	CRI 90	2,600	M2	25 W	4,000 K	UGR <19	On/Off
GWF1411GG830	36°	CRI 80	1,900	S2	18 W	3,000 K	UGR <19	DALI
GWF1411GG840	36°	CRI 80	2,000	S2	18 W	4,000 K	UGR <19	DALI
GWF1411GG930	36°	CRI 90	1,700	S2	18 W	3,000 K	UGR <19	DALI
GWF1411GG940	36°	CRI 90	1,800	S2	18 W	4,000 K	UGR <19	DALI
GWF1411GH830	60°	CRI 80	2,000	S2	18 W	3,000 K	UGR <19	DALI
GWF1411GH840	60°	CRI 80	2,100	S2	18 W	4,000 K	UGR <19	DALI
GWF1411GH930	60°	CRI 90	1,800	S2	18 W	3,000 K	UGR <19	DALI
GWF1411GH940	60°	CRI 90	1,900	S2	18 W	4,000 K	UGR <19	DALI
GWF1411MG830	36°	CRI 80	2,500	M2	25 W	3,000 K	UGR <19	DALI
GWF1411MG840	36°	CRI 80	2,700	M2	25 W	4,000 K	UGR <19	DALI
GWF1411MG930	36°	CRI 90	2,300	M2	25 W	3,000 K	UGR <19	DALI
GWF1411MG940	36°	CRI 90	2,500	M2	25 W	4,000 K	UGR <19	DALI
GWF1411MH830	60°	CRI 80	2,600	M2	25 W	3,000 K	UGR <19	DALI
GWF1411MH840	60°	CRI 80	2,800	M2	25 W	4,000 K	UGR <19	DALI
GWF1411MH930	60°	CRI 90	2,400	M2	25 W	3,000 K	UGR <19	DALI
GWF1411MH940	60°	CRI 90	2,600	M2	25 W	4,000 K	UGR <19	DALI



ACCESSORIES

Code	Description
GWS2992	Emergency kit 3 h

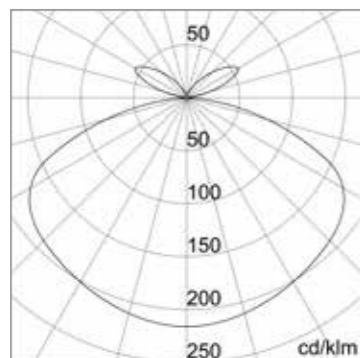
ELIA^{BL}

LED bollard for outdoor lighting in residential areas and passageways



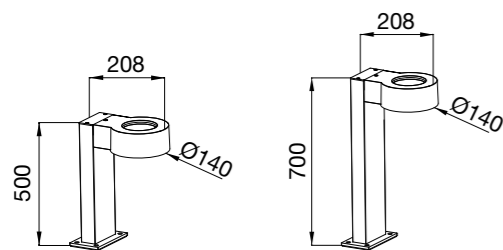
The Elia BL is an elegant die-cast aluminium bollard, ideal for residential areas and passageways lighting. Available in two different heights (500 mm and 700 mm), with a double emission polycarbonate diffuser to create an inviting atmosphere, colour temperature of 3,000 K (warm white), 4,000 K (neutral white) and 5,700 K (cool white) and colour rendering index greater than 80. It is designed to withstand ambient temperature variations from - 20°C to + 45°C, water and dust penetration up to IP65 grade and shocks up to IK08 grade. The ELIA BL is easy to install thanks to the ground anchoring system with 4 locking plugs.

PHOTOMETRY



Opal bi-emission

DIMENSIONS



IP
65

IK
08

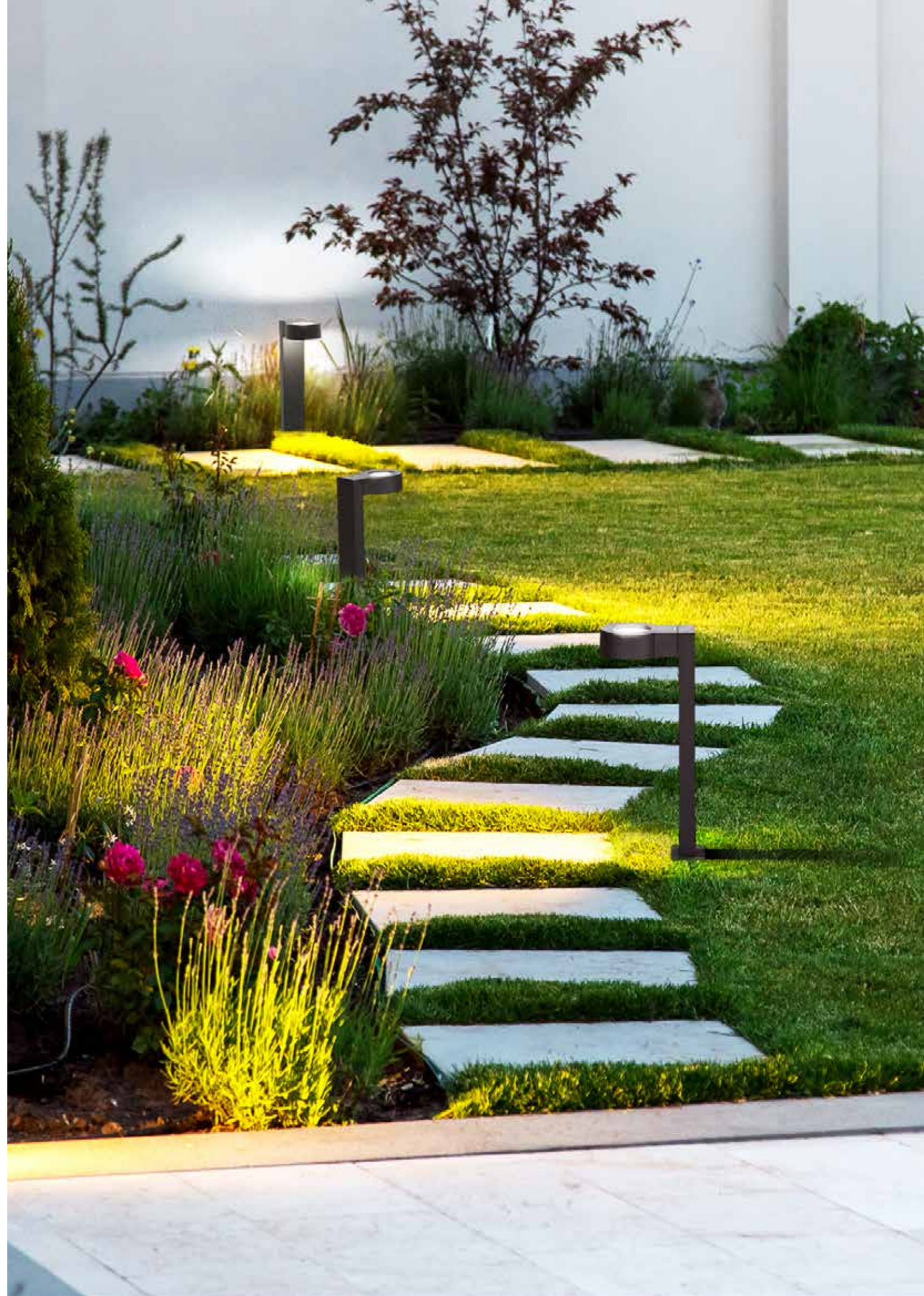
GWT
750°C



CE



5 YEARS



GENERAL INFORMATION

Application	Outdoor
Colour	Black
Light source	LED - non-replaceable
Power	8 W
Lifetime	L80B50 (Tq=25°C) = 50,000 h
Weight	1.7 kg (500 mm) - 2.2 kg (700 mm)
Warranty	5 years
Storage temperature	- 20°C + 65°C
Operating temperature	- 20°C + 45°C
Protection degree	IP65
Impact resistance	IK08

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal bi-emission
System luminous flux	Up to 680 lm
Luminous efficacy	Up to 85 lm/W
Colour temperature	3,000 K - 4,000 K - 5,700 K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM ≤ 5

MATERIALS

Body	Die-cast aluminium and extruded aluminium
Diffuser	Polycarbonate
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Typical installation	Ground
Wiring	With feeding cable
Driver box	Integrated

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

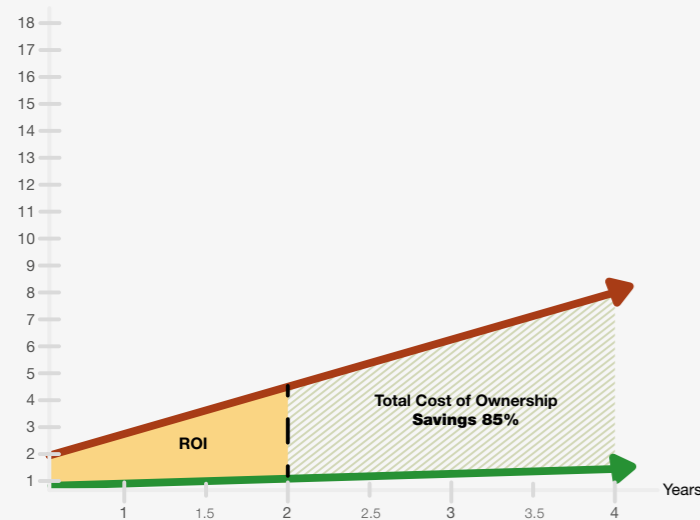
Rated voltage	100 - 240 V
Rated frequency	50/60 Hz
Driver	Integrated
Protection device	Resistance to overvoltages up to 0.5 kV - 1 kV
Control system	On/Off

LIST OF CODES



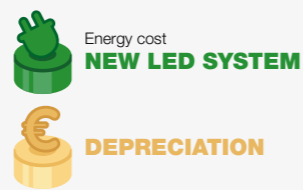
Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Height	Power (W)	Colour temperature (k)	Control system
GWF2300LR830	Opal bi-emission	CRI 80	650	500 mm	8 W	3,000 K	On/Off
GWF2300LR840	Opal bi-emission	CRI 80	650	500 mm	8 W	4,000 K	On/Off
GWF2300LR857	Opal bi-emission	CRI 80	680	500 mm	8 W	5,700 K	On/Off
GWF2300PR830	Opal bi-emission	CRI 80	650	700 mm	8 W	3,000 K	On/Off
GWF2300PR840	Opal bi-emission	CRI 80	650	700 mm	8 W	4,000 K	On/Off
GWF2300PR857	Opal bi-emission	CRI 80	680	700 mm	8 W	5,700 K	On/Off

Costs [k€]



PAYBACK EXAMPLE: OUTDOOR AREA

Calculation base	Replacement of 40 traditional lighting fixtures
Average illuminance	100 lx
Operating period	3,200 hours per year
ROI (Return On Investment)	In two years
Energy cost	Source: Eurostat



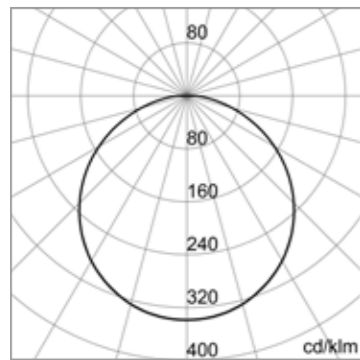
ELIA^{CL}

Surface-mounted LED fixture for diffuse lighting of stairways, bathroom/rest rooms and service areas



ELIA CL is an LED device made from white polycarbonate designed for ceiling or surface mounting, ideal for lighting stairways, bathrooms/restrooms and service areas. It is quick and easy to install, and features clean, minimalist lines. Available in two different sizes and power steps, it features a polycarbonate opal diffusing shell, a colour temperature of 4,000 K (neutral white) and a colour rendering index of more than 80. ELIA CL is also available in the Sensor version, with movement detection up to 8m and a radius of up to 120°, and in the Emergency version, with guaranteed luminous flux for 3 hours of operation at 10%. It has been designed to withstand ambient temperature variations from - 20°C to + 45°C and offers protection from water and dust penetration of up to level IP54 and from shocks and impacts of up to level IK08. Light and easy to handle, ELIA CL is easy to install thanks to the steel bracket on the back of the device for wall mounting, the quick-coupling terminal on the rear of the device for the electrical wiring and the bayonet locking mechanism for attaching the body of the light.

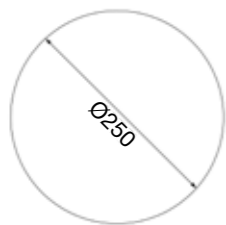
PHOTOMETRY



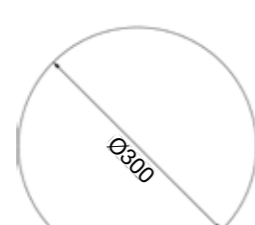
Opal

DIMENSIONS

S2



M2



IP
54

IK
08

GWT
650°C



CE



GENERAL INFORMATION

Application	Indoor
Colour	White
Light source	LED - non-replaceable
Power	12 W -25 W
Lifetime	L80B50 (Tq=25°C) = 50,000 h
Weight	Up to 0.9 kg
Warranty	5 years (3 years Emergency version)
Storage temperature	- 20°C + 65°C
Operating temperature	- 20°C + 45°C (On/Off version) - 0°C + 45°C (Emergency version)
Protection degree	IP54/IP20
Impact resistance	IK08

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal
System luminous flux	Up to 2,550 lm (380 lm in Emergency mode)
Luminous efficacy	Up to 102 lm/W
Colour temperature	4,000 K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM = 5
Photobiological class	RG0

MATERIALS

Body	Polycarbonate
Diffuser	Polycarbonate
Colour finish	Coloured polycarbonate

INSTALLATION AND MAINTENANCE

Typical installation	Ceiling - Wall
Wiring	With terminal
Driver box	Integrated

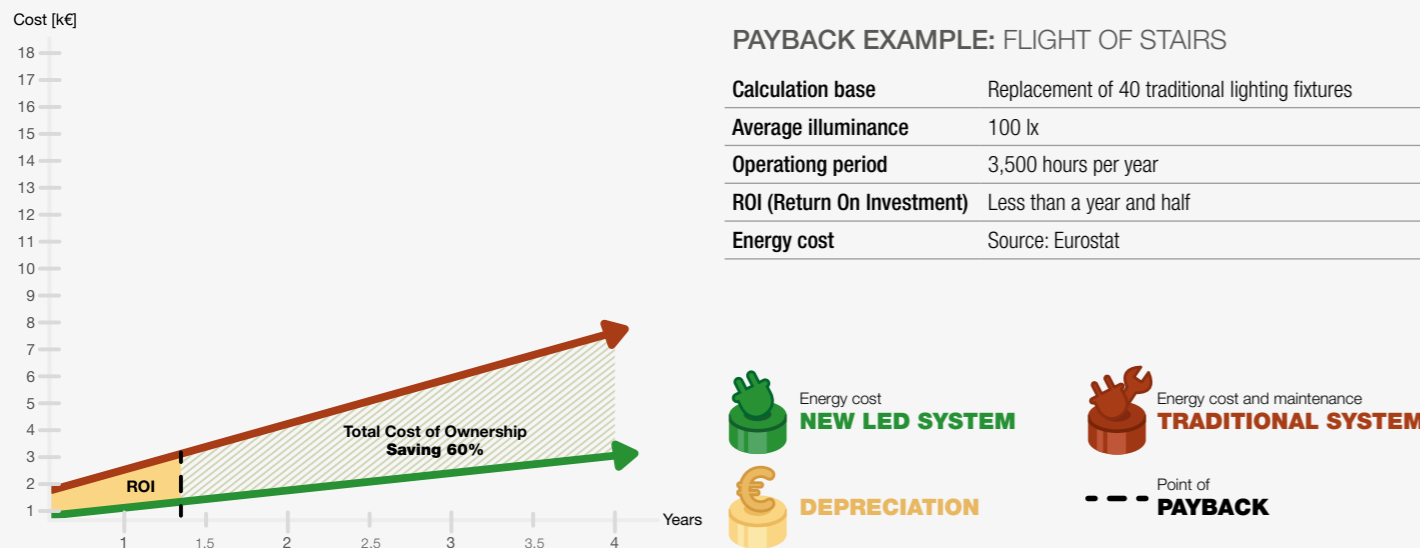
ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Rated voltage	220 - 240 V
Rated frequency	50/60 Hz
Driver	Integrated
Protection device	Resistance to overvoltages up to 0.5 kV - 1 kV
Control system	On/Off

LIST OF CODES

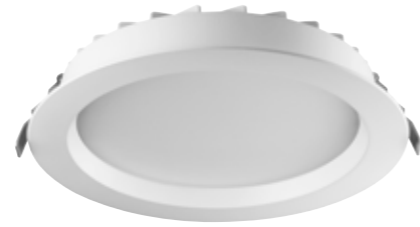


Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Power (W)	Colour temperature (K)	Control system
GW1310GA830	Opal	CRI 80	1,200	S2	12 W	3,000 K	On/Off
GW1310GA840	Opal	CRI 80	1,300	S2	12 W	4,000 K	On/Off
GW1310MA830	Opal	CRI 80	2,400	M2	25 W	3,000 K	On/Off
GW1310MA840	Opal	CRI 80	2,600	M2	25 W	4,000 K	On/Off
GW1314MA840	Opal	CRI 80	2,600 (380 Em.)	M2	25 W	4,000 K	Emergency
GW1315GA830	Opal	CRI 80	1,200	S2	12 W	3,000 K	Motion sensor
GW1315GA840	Opal	CRI 80	1,300	S2	12 W	4,000 K	Motion sensor
GW1315MA830	Opal	CRI 80	2,400	M2	25 W	3,000 K	Motion sensor
GW1315MA840	Opal	CRI 80	2,600	M2	25 W	4,000 K	Motion sensor
GW1316MA840	Opal	CRI 80	2,600 (380 Em.)	M2	25 W	4,000 K	Motion sensor + Emergency



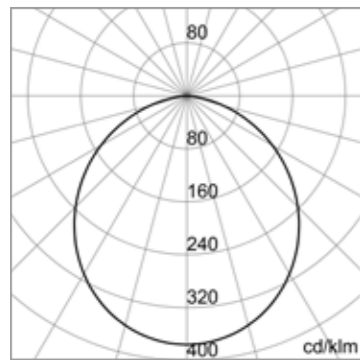
ELIA^{DL}

Recessed LED downlight for diffuse lighting in entrance areas, corridors and shared spaces



ELIA DL is a flush-mounting LED downlight for lighting entrance areas, corridors and shared spaces, made of a white power-coated die-cast aluminium body with an opal diffuser. It is available in two power steps, with two external electronic power supply options (On/Off or DALI) included with the device, colour temperature of 4,000 K (neutral white) and colour rendering index of more than 80 or more than 90. ELIA DL has been designed to withstand ambient temperature variations from - 20°C to + 45°C, and offers protection from water and dust penetration of up to level IP54 and from shocks and impacts of up to level IK06. Light and easy to handle, ELIA DL is easy to install thanks to the integrated connector for the electrical wiring and the quick, simple clip-locking mechanism.

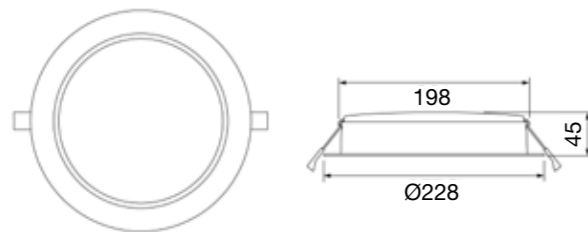
PHOTOMETRY



Opal

DIMENSIONS

M2 - L2



IP 54

IK 06

GWT 650°C



CE



5 YEARS



GENERAL INFORMATION

Application	Indoor
Colour	White
Light source	LED - non-replaceable
Power	25 W - 35 W
Lifetime	L80B50 (Tq=25°C) = 50,000 h
Weight	0.8 kg
Warranty	5 years
Storage temperature	- 20°C + 65°C
Operating temperature	- 20°C + 45°C
Protection degree	IP54/IP40
Impact resistance	IK06

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal
System luminous flux	Up to 3,350 lm
Luminous efficacy	Up to 104 lm/W
Colour temperature	4,000 K
Colour rendering index	CRI 80 - 90
Chromatic tolerance	SDCM = 5
Photobiological class	RG0

MATERIALS

Body	Die-cast aluminium
Shield	Polycarbonate
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Typical installation	Recessed mounting through integrated springs
Wiring	With terminal on power supply driver

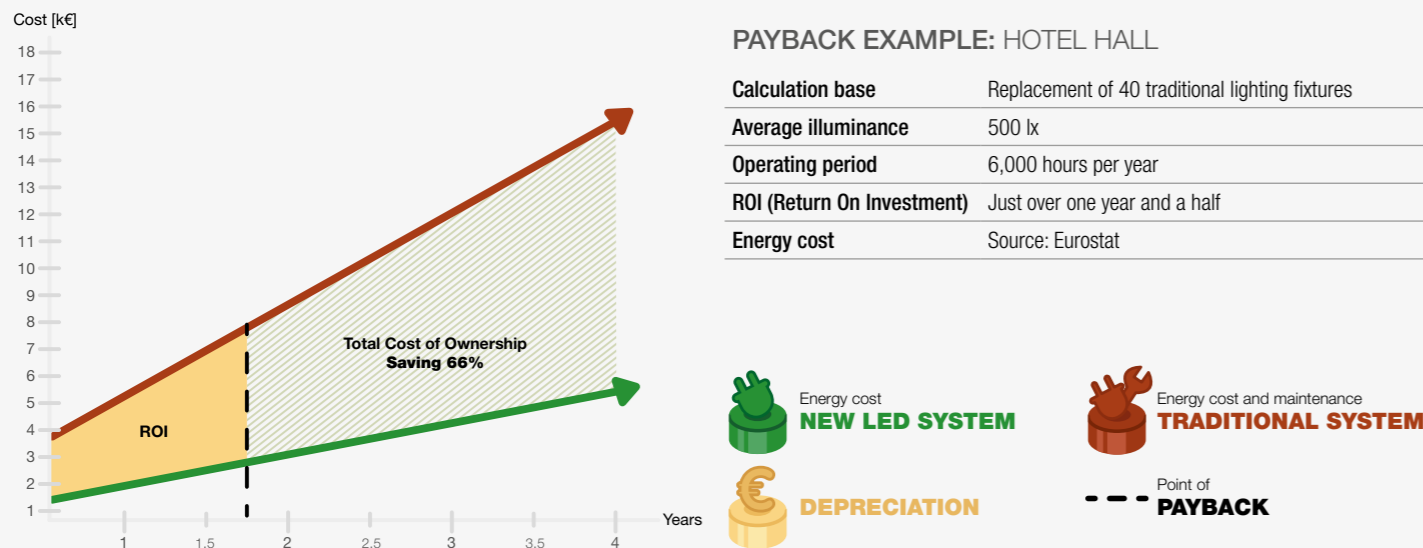
ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Rated voltage	220 - 240 V
Rated frequency	50/60 Hz
Driver	External - Included
Protection device	Resistance to overvoltages up to 0.5 kV - 1 kV
Control system	On/Off - DALI

LIST OF CODES



Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Power (W)	Colour temperature (K)	Control system
GWF1510MA840	Opal	CRI 80	2,600	M2	25 W	4,000 K	On/Off
GWF1510MA940	Opal	CRI 90	2,400	M2	25 W	4,000 K	On/Off
GWF1510QA840	Opal	CRI 80	3,600	L2	35 W	4,000 K	On/Off
GWF1510QA940	Opal	CRI 90	3,300	L2	35 W	4,000 K	On/Off
GWF1511MA840	Opal	CRI 80	2,600	M2	25 W	4,000 K	DALI
GWF1511MA940	Opal	CRI 90	2,400	M2	25 W	4,000 K	DALI
GWF1511QA840	Opal	CRI 80	3,600	L2	35 W	4,000 K	DALI
GWF1511QA940	Opal	CRI 90	3,300	L2	35 W	4,000 K	DALI



ACCESSORIES

Code	Description
GWS2992	Emergency kit 3 h

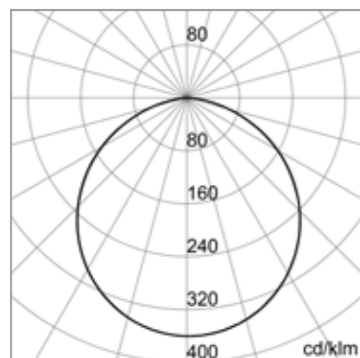
ELIA^{EL}

Surface-mounted LED fixture for lighting stairs, passageways or service rooms



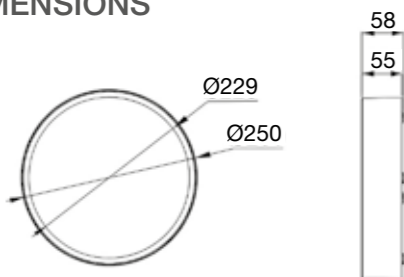
ELIA EL is a die-cast aluminium LED wall or ceiling-mounted device, ideal for indoor and outdoor applications such as stairs, passageways and service rooms. They are simple and quick to install, with a clean and minimalistic aesthetic. Available in two different finishes (black or white), with an opal screen in polycarbonate, colour temperature of 3,000 K (warm white), 4,000 K (neutral white) and 5,700 K (cool white) and colour rendering index greater than 80. It is designed to withstand ambient temperature variations from - 20°C to + 50°C, as well as water and dust penetration up to IP65 grade and shocks up to IK08 grade. Lightweight and easy to handle, the ELIA EL is easy to install thanks to the quick coupling terminals for the electrical wiring located at the rear and the second cable outlet for the through wiring.

PHOTOMETRY



Opal

DIMENSIONS



IP
65

IK
08

GWT
750°C



CE



5 YEARS



GENERAL INFORMATION

Application	Indoor - Outdoor
Colour	Black - White
Light source	LED - non-replaceable
Power	18 W
Lifetime	L80B50 (Tq=25°C) = 50,000 h
Weight	1 kg
Warranty	5 years
Storage temperature	- 20°C + 65°C
Operating temperature	- 20°C + 50°C
Protection degree	IP65
Impact resistance	IK08

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal
System luminous flux	Up to 1,700 lm
Luminous efficacy	Up to 95 lm/W
Colour temperature	3,000 K - 4,000 K - 5,700 K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM ≤ 5

MATERIALS

Body	Die-cast aluminium
Diffuser	Polycarbonate
Colour finish	Powder coated

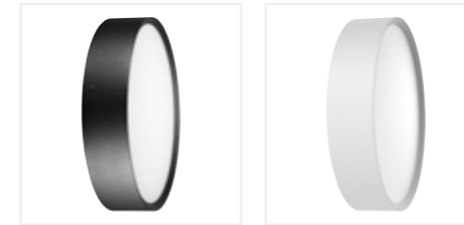
INSTALLATION AND MAINTENANCE

Typical installation	Ceiling - Wall
Wiring	With terminal
Driver box	Integrated

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

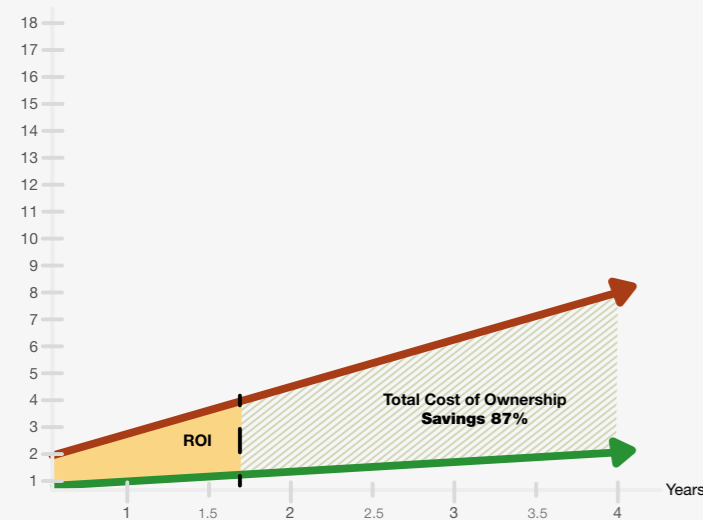
Rated voltage	100 - 240 V
Rated frequency	50/60 Hz
Driver	Integrated
Protection device	Resistance to overvoltages up to 0.5 kV - 1 kV
Control system	On/Off

LIST OF CODES



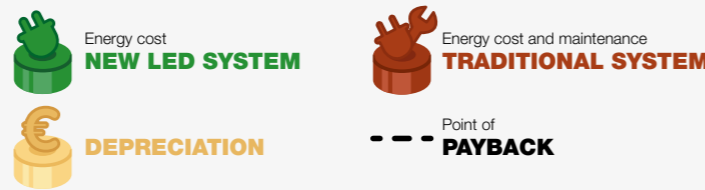
Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Colour	Power (W)	Colour temperature (k)	Control system
GWF2200LA830	Opal	CRI 80	1.500	Black	18 W	3,000 K	On/Off
GWF2200LA840	Opal	CRI 80	1.650	Black	18 W	4,000 K	On/Off
GWF2200LA857	Opal	CRI 80	1.700	Black	18 W	5,700 K	On/Off
GWF2210LA830	Opal	CRI 80	1.500	White	18 W	3,000 K	On/Off
GWF2210LA840	Opal	CRI 80	1.650	White	18 W	4,000 K	On/Off
GWF2210LA857	Opal	CRI 80	1.700	White	18 W	5,700 K	On/Off

Cost [k€]



PAYBACK EXAMPLE: EXTERNAL STAIRCASE

Calculation base	Replacement of 40 traditional lighting fixtures
Average illuminance	100 lx
Operating period	3,200 hours per year
ROI (Return On Investment)	Just over a year and a half
Energy cost	Source: Eurostat



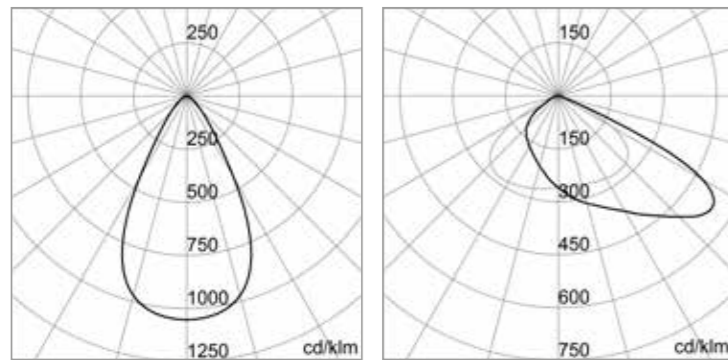
ELIA FL **NEW**

Medium and high power LED floodlights for professional lighting.



ELIA FL is an LED floodlight available in medium and high-power versions, for outdoor and indoor applications in industrial and sports contexts, such as façades, warehouses, car parks and sports fields. It can be ceiling, surface or ground-mounted through the integrated adjustable steel bracket, or pole-mounted (in poles with diameter up to 61 mm) through dedicated accessory. Made of a black powder-coated die-cast aluminium body, it is available in many different combinations: four sizes and powers steps (from 50 W to 200 W), two integrated power supply control systems (On/Off or DALI), two types of optics (60° or asymmetrical) and three colour temperature options (3,000 K warm white, 4,000 K neutral white and 5,700 K cool white) with a colour rendering index of more than 80. Tough and durable, ELIA FL has been designed to withstand overvoltages of up to 10 kV and ambient temperature variations from - 30°C to + 50°C, and offers protection from water and dust penetration of up to IP66 grade and from shocks up to IK08 grade. ELIA FL is quick and easy to install thanks to its limited weight and adjustable bracket with integrated protractor.

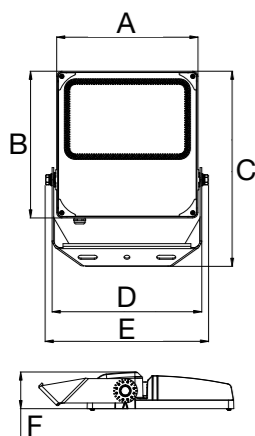
PHOTOMETRY



Optic 60°

Asymmetrical optic - AS

DIMENSIONS



Dimensione	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
S3	191	201	269	205	229	52
M3	231	241	315	246	270	60
L3	261	271	360	276	302	68
XL3	300	305	399	317	341	71

-
- IP 66**
- IK 08**
-
- CE**
-
- 5 YEARS**



GENERAL INFORMATION

Application	Indoor - Outdoor
Colour	Black
Light source	LED - non-replaceable
Power	50 W - 100 W - 150 W - 200 W
Lifetime	L80B50 (Tq=25°C) > 75,000 h
Weight	Up to 5.8 kg
Warranty	5 years
Storage temperature	- 40°C + 80°C
Operating temperature	- 30°C + 50°C
Protection degree	IP66
Impact resistance	IK08

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Asymmetrical - 60°
System luminous flux	from 6,200 lm to 27,900 lm
Luminous efficacy	Up to 141 lm/W
Colour temperature	3,000 K - 4,000 K - 5,700 K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM = 5
Photobiological class	RG1

MATERIALS

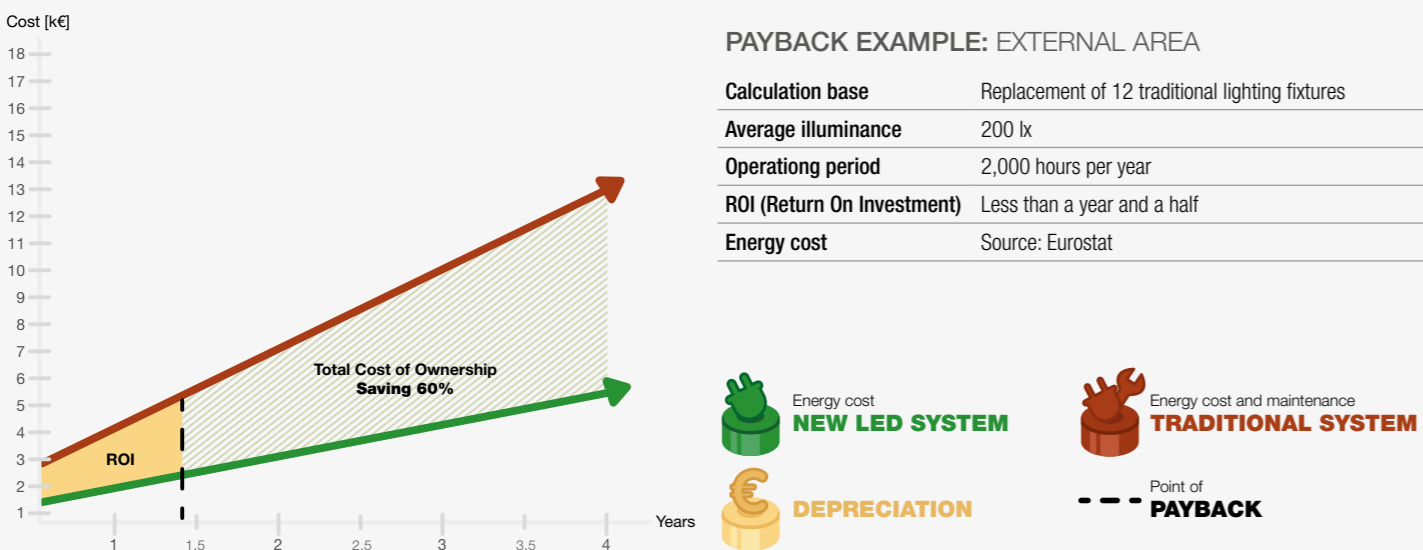
Body	Die-cast aluminium
Front glass	Tempered flat 4 mm glass screen printed with Gewiss logo
Optical group	Lens combined with high-efficiency reflector
External screws	Stainless steel
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Typical installation	Pole-top - Ceiling - Wall - Ground
Tilting	Adjusting the integrated bracket with goniometer
Wiring	With feeding cable
Driver box	Integrated
Maximum wind-exposed surface	from 0.04 m ² to 0.095 m ²

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Rated voltage	220 - 240 V (On/Off Version) - 100 - 240 V (DALI Version)
Rated frequency	50/60 Hz
Driver	Integrated
Protection device	Resistance to overvoltages from 1 kV - 2 kV to 6 kV - 10 kV
Control system	On/Off - DALI



LIST OF CODES



Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Power (W)	Colour temperature (K)	Control system
GWF1100HH830	60°	CRI 80	6,600	S3	50 W	3,000 K	On/Off
GWF1100HC830	Asymmetrical	CRI 80	6,200	S3	50 W	3,000 K	On/Off
GWF1100HH840	60°	CRI 80	6,800	S3	50 W	4,000 K	On/Off
GWF1100HC840	Asymmetrical	CRI 80	6,400	S3	50 W	4,000 K	On/Off
GWF1100HH857	60°	CRI 80	6,800	S3	50 W	5,700 K	On/Off
GWF1100HC857	Asymmetrical	CRI 80	6,400	S3	50 W	5,700 K	On/Off
GWF1100NH830	60°	CRI 80	13,300	M3	100 W	3,000 K	On/Off
GWF1100NC830	Asymmetrical	CRI 80	12,900	M3	100 W	3,000 K	On/Off
GWF1100NH840	60°	CRI 80	13,800	M3	100 W	4,000 K	On/Off
GWF1100NC840	Asymmetrical	CRI 80	13,400	M3	100 W	4,000 K	On/Off
GWF1100NH857	60°	CRI 80	13,800	M3	100 W	5,700 K	On/Off
GWF1100NC857	Asymmetrical	CRI 80	13,400	M3	100 W	5,700 K	On/Off
GWF1100RH830	60°	CRI 80	20,400	L3	150 W	3,000 K	On/Off
GWF1100RC830	Asymmetrical	CRI 80	19,900	L3	150 W	3,000 K	On/Off
GWF1100RH840	60°	CRI 80	21,200	L3	150 W	4,000 K	On/Off
GWF1100RC840	Asymmetrical	CRI 80	20,600	L3	150 W	4,000 K	On/Off
GWF1101RH840	60°	CRI 80	21,200	L3	150 W	4,000 K	DALI
GWF1101RC840	Asymmetrical	CRI 80	20,600	L3	150 W	4,000 K	DALI
GWF1100RH857	60°	CRI 80	21,200	L3	150 W	5,700 K	On/Off
GWF1100RC857	Asymmetrical	CRI 80	20,600	L3	150 W	5,700 K	On/Off
GWF1100ZH830	60°	CRI 80	26,900	XL3	200 W	3,000 K	On/Off
GWF1100ZC830	Asymmetrical	CRI 80	26,600	XL3	200 W	3,000 K	On/Off
GWF1100ZH840	60°	CRI 80	27,900	XL3	200 W	4,000 K	On/Off
GWF1100ZC840	Asymmetrical	CRI 80	27,600	XL3	200 W	4,000 K	On/Off
GWF1101ZH840	60°	CRI 80	27,900	XL3	200 W	4,000 K	DALI
GWF1101ZC840	Asymmetrical	CRI 80	27,600	XL3	200 W	4,000 K	DALI
GWF1100ZH857	60°	CRI 80	27,900	XL3	200 W	5,700 K	On/Off
GWF1100ZC857	Asymmetrical	CRI 80	27,600	XL3	200 W	5,700 K	On/Off

ACCESSORIES

Code	Description	Pole diameter
GWF1901	Pole-top mounting accessory compatible with all versions	Up to 61mm

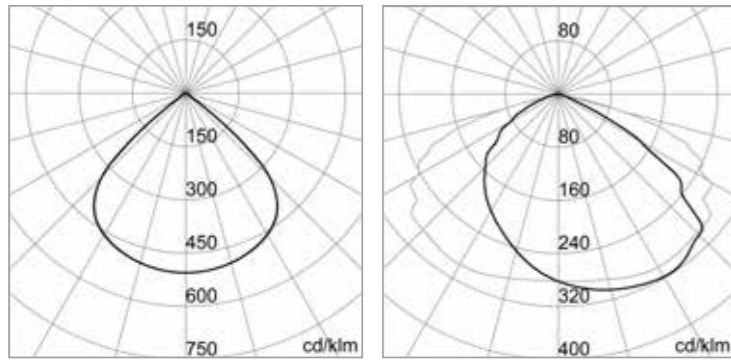
ELIA FL MINI **NEW**

Low-power LED floodlight for residential and professional applications



ELIA FL Mini is a low-power LED floodlight designed for lighting architectural elements in indoor and outdoor applications, both in residential and professional contexts such as façades, gardens, green areas and walkways. It can be wall, ceiling or ground mounted through its integrated adjustable steel bracket. Made of a black powder-coated die-cast aluminium body, it is available in many different combinations: three power steps options (from 10 W to 30 W), two optics options (100° and asymmetrical) and two colour temperature options (3,000 K warm white or 4,000 K neutral white) with a colour rendering index of more than 80 and integrated On/Off electronic power supply. It is also available with an integrated sensor capable of detecting movement and luminosity, that can be combined with all optic and light source options available for the standard version. Tough and durable, it was designed to withstand ambient temperature variations from - 30°C to + 50°C (- 20°C to + 40°C in the sensor-equipped version), and offers protection from water and dust penetration up to IP66 grade (IP65 grade in sensor-equipped versions) and from shocks up to IK08 grade. ELIA FL Mini is quick and easy to install thanks to its limited weight and the integrated adjustable bracket.

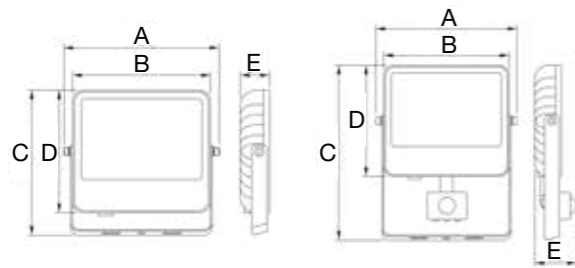
PHOTOMETRY



100° Optic

Asymmetrical optic - AS

DIMENSIONS



On/Off Version

PIR Sensor Version

On/Off Version

Size	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
XS1	175	153	165	139	34
XS2	175	153	165	139	34
XS3	196	175	183	155	37

PIR Sensor Version

Size	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
XS1	175	153	230	139	56
XS2	175	153	230	139	56
XS3	196	175	243	155	58



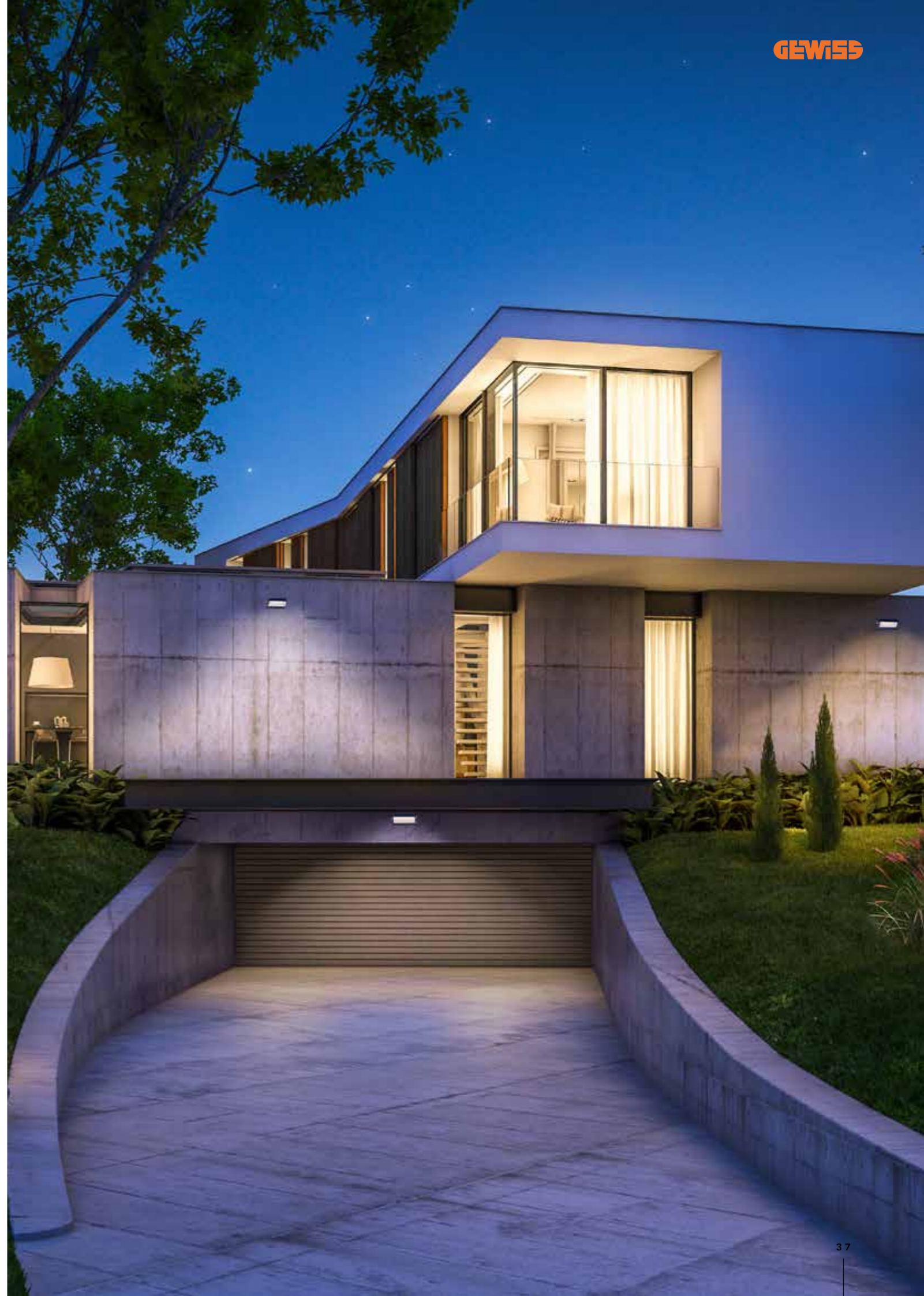
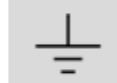
IP 66

On/Off Version

IP 65

PIR Sensor Version

IK 08



GENERAL INFORMATION

Application	Indoor - Outdoor
Colour	Black
Light source	LED - non-replaceable
Power	10 W - 20 W - 30 W
Lifetime	L80B50 (Tq=25°C) = 90,000 h
Weight	Up to 1.1 kg
Warranty	5 years (3 years PIR Sensor version)
Storage temperature	- 40°C + 80°C
Operating temperature	- 30°C + 50°C (On/Off version) - - 20°C + 40°C
Protection degree	IP66 (On/Off version) - IP65 (PIR Sensor version)
Impact resistance	IK08

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Asymmetrical - 100°
System luminous flux	From 1,400 lm to 4,000 lm
Luminous efficacy	Up to 150 lm/W
Colour temperature	3,000 K - 4,000 K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM = 5
Photobiological class	RG1

MATERIALS

Body	Die-cast aluminium
Front glass	Tempered flat 4mm glass screen printed with Gewiss logo
Optical group	Lens combined with high-efficiency reflector
External screws	Stainless steel
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Typical installation	Ceiling - Wall - Ground
Tilting	Adjusting the integrated bracket
Wiring	With feeding cable
Driver box	Integrated
Maximum wind-exposed surface	from 0.02 m² to 0.04 m²

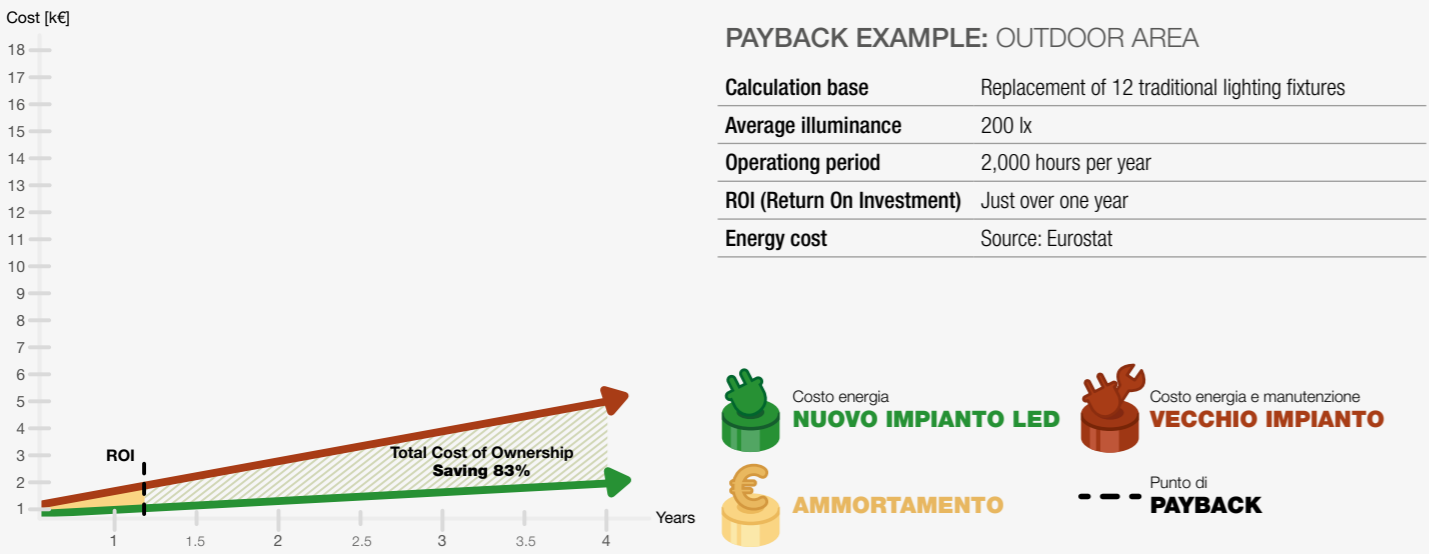
ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Rated voltage	220 - 240 V
Rated frequency	50/60 Hz
Driver	Integrated
Protection device	Resistance to overvoltages from up to 1 kV - 2 kV
Control system	On/Off - PIR Sensor

LIST OF CODES



Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Power (W)	Colour temperature (K)	Control system
GWF1100AL830	100°	CRI 80	1,400	XS1	10 W	3,000 K	On/Off
GWF1105AL830	100°	CRI 80	1,400	XS1	10 W	3,000 K	PIR Sensor
GWF1100AL840	100°	CRI 80	1,500	XS1	10 W	4,000 K	On/Off
GWF1105AL840	100°	CRI 80	1,500	XS1	10 W	4,000 K	PIR Sensor
GWF1100BL830	100°	CRI 80	2,300	XS2	20 W	3,000 K	On/Off
GWF1105BL830	100°	CRI 80	2,300	XS2	20 W	3,000 K	PIR Sensor
GWF1100BL840	100°	CRI 80	2,400	XS2	20 W	4,000 K	On/Off
GWF1105BL840	100°	CRI 80	2,400	XS2	20 W	4,000 K	PIR Sensor
GWF1100CL830	100°	CRI 80	3,900	XS3	30 W	3,000 K	On/Off
GWF1100CC830	Asymmetrical	CRI 80	3,600	XS3	30 W	3,000 K	On/Off
GWF1105CL830	100°	CRI 80	3,900	XS3	30 W	3,000 K	PIR Sensor
GWF1105CC830	Asymmetrical	CRI 80	3,600	XS3	30 W	3,000 K	PIR Sensor
GWF1100CL840	100°	CRI 80	4,000	XS3	30 W	4,000 K	On/Off
GWF1100CC840	Asymmetrical	CRI 80	3,700	XS3	30 W	4,000 K	On/Off
GWF1105CL840	100°	CRI 80	4,000	XS3	30 W	4,000 K	PIR Sensor
GWF1105CC840	Asymmetrical	CRI 80	3,700	XS3	30 W	4,000 K	PIR Sensor



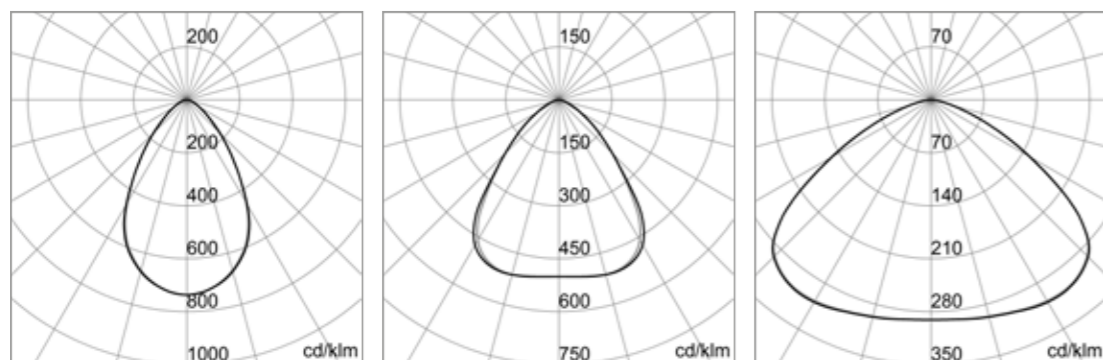
ELIA HL NEW

LED highbay for lighting production and logistics areas in industrial environments



ELIA HL is a suspended LED highbay designed for lighting production and logistics areas in industrial environments with medium height ceilings, where high levels of performance and luminous flux are required. Made of a black powder-coated die-cast aluminium body with integrated heatsink, it is available in three powers steps (from 120 W to 200 W), two integrated power supply control systems options (On/Off or DALI), three polycarbonate lens options (60°, 90° and 120°) and with a colour temperature of 4,000 K (neutral white) with colour rendering index of more than 80. Tough and durable, ELIA HL has been designed to withstand overvoltages of up to 6 kV and ambient temperature variations from - 30°C to + 50°C, and offers protection from water and dust penetration of up to IP65 grade and from shocks up to IK08 grade. ELIA HL is quick and easy to install thanks to its limited weight and the hook attachment on the upper part of the device.

PHOTOMETRY



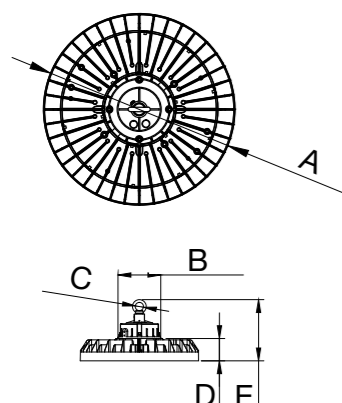
60° optic

90° optic

120° optic

DIMENSIONI

M2



Size	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
M2	Ø 360	130	Ø 25	68	186
M3	Ø 360	130	Ø 25	68	186
L2	Ø 360	146	Ø 25	68	186
M2, M3, L2 DALI	Ø 360	192	Ø 30	68	190



IP 65

IK 08



CE



GENERAL INFORMATION

Application	Indoor
Colour	Black
Light source	LED - non-replaceable
Power	120 W - 150 W - 200 W
Lifetime	L80B50 (Tq=25°C) = 50,000 h
Weight	Up to 4.3 kg
Warranty	5 years
Storage temperature	- 40°C + 85°C
Operating temperature	- 30°C + 50°C
Protection degree	IP65
Impact resistance	IK08

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	60° - 90° - 120°
System luminous flux	Up to 28,000 lm
Luminous efficacy	Up to 142 lm/W
Colour temperature	4,000 K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM = 5
Photobiological class	RG1

MATERIALS

Body	Die-cast aluminium
Optical group	Polycarbonate lens
External screws	Stainless steel
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Typical installation	Suspension
Wiring	With feeding cable

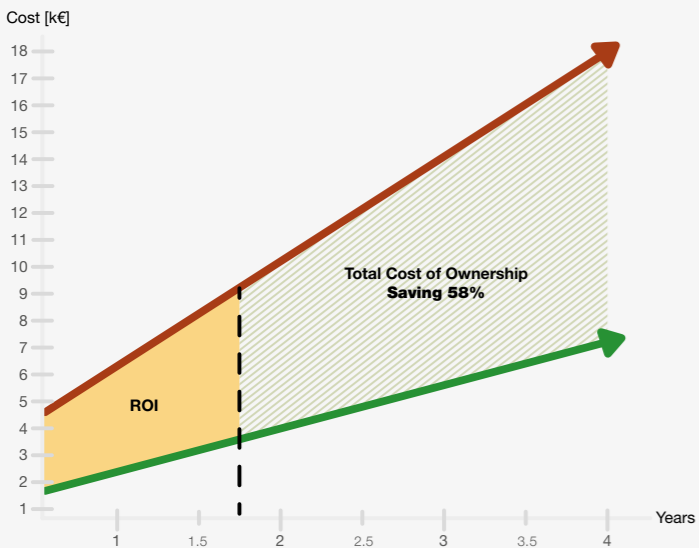
ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Rated voltage	100 - 240 V (On/Off version) - 220 - 240 V (DALI version)
Rated frequency	50/60 Hz
Driver	Integrated
Protection device	Resistance to overvoltages up to 4 kV - 6 kV
Control system	On/Off - DALI

LIST OF CODES

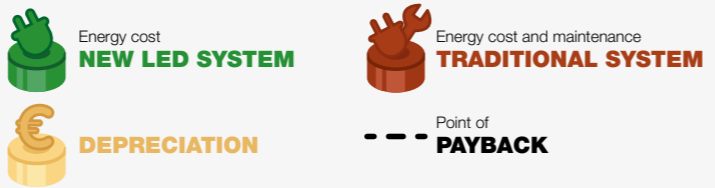


Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Power (W)	Colour temperature (K)	Control system
GWF1000MH840	60°	CRI 80	17,900	M2	120 W	4,000 K	On/Off
GWF1000ML840	90°	CRI 80	18,200	M2	120 W	4,000 K	On/Off
GWF1000MM840	120°	CRI 80	18,000	M2	120 W	4,000 K	On/Off
GWF1000NH840	60°	CRI 80	22,400	M3	150 W	4,000 K	On/Off
GWF1000NL840	90°	CRI 80	22,800	M3	150 W	4,000 K	On/Off
GWF1000NM840	120°	CRI 80	22,500	M3	150 W	4,000 K	On/Off
GWF1000QH840	60°	CRI 80	29,800	L2	200 W	4,000 K	On/Off
GWF1000QL840	90°	CRI 80	30,300	L2	200 W	4,000 K	On/Off
GWF1000QM840	120°	CRI 80	30,000	L2	200 W	4,000 K	On/Off
GWF1001MH840	60°	CRI 80	17,900	M2	120 W	4,000 K	DALI
GWF1001ML840	90°	CRI 80	18,200	M2	120 W	4,000 K	DALI
GWF1001MM840	120°	CRI 80	18,000	M2	120 W	4,000 K	DALI
GWF1001NH840	60°	CRI 80	22,400	M3	150 W	4,000 K	DALI
GWF1001NL840	90°	CRI 80	22,800	M3	150 W	4,000 K	DALI
GWF1001NM840	120°	CRI 80	22,500	M3	150 W	4,000 K	DALI
GWF1001QH840	60°	CRI 80	29,800	L2	200 W	4,000 K	DALI
GWF1001QL840	90°	CRI 80	30,300	L2	200 W	4,000 K	DALI
GWF1001QM840	120°	CRI 80	30,000	L2	200 W	4,000 K	DALI



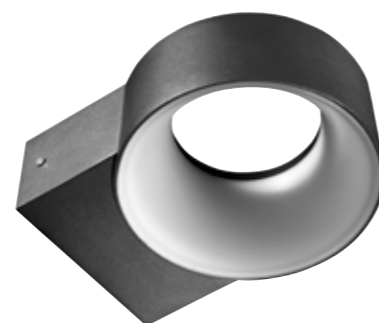
PAYBACK EXAMPLE: WORKSHOP

Calculation base	Replacement of 24 traditional lighting fixtures
Average illuminance	300 lx
Operating period	3,500 hours per year
ROI (Return On Investment)	Just over one year and a half
Energy cost	Source: Eurostat



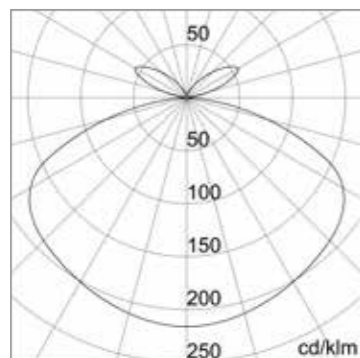
ELIA^{OL} **NEW**

Wall-mounting LED fixture for lighting stairs, passageways or façades



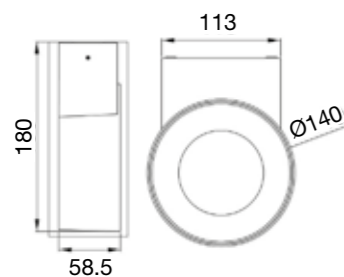
ELIA OL is an elegant die-cast aluminium wall-mounted device, ideal for indoor and outdoor architectural lighting such as stairs, passageways or façades. They are simple and quick to install, with a clean and minimalistic aesthetic. Available in two different finishes (black or white), with a double emission polycarbonate diffuser to create an inviting atmosphere, colour temperature of 3,000 K (warm white), 4,000 K (neutral white) and 5,700 K (cool white) and colour rendering index greater than 80. It is designed to withstand ambient temperature variations from - 20°C to + 45°C, water and dust penetration up to IP65 grade and shocks up to IK08 grade. Lightweight and easy to handle, ELIA OL is easy to install thanks to its integrated attachment bracket and the quick coupling terminal located at the rear for the quick electrical wiring.

PHOTOMETRY



Opal bi-emission

DIMENSIONS



IP
65

IK
08

GWT
750°C



CE



5 YEARS



GENERAL INFORMATION

Application	Indoor - Outdoor
Colour	Black - White
Light source	LED - non-replaceable
Power	8 W
Lifetime	L80B50 (Tq=25°C) = 50,000 h
Weight	0.5 kg
Warranty	5 years
Storage temperature	- 20°C + 65°C
Operating temperature	- 20°C + 45°C
Protection degree	IP65
Impact resistance	IK08

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal bi-emission
System luminous flux	Up to 680 lm
Luminous efficacy	Up to 85 lm/W
Colour temperature	3,000 K - 4,000 K - 5,700 K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM ≤ 5

MATERIALS

Body	Die-cast aluminium
Diffuser	Polycarbonate
Colour finish	Powder coated

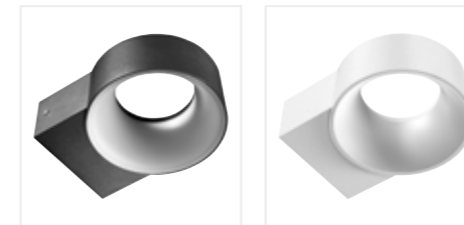
INSTALLATION AND MAINTENANCE

Typical installation	Wall
Wiring	With terminal
Driver box	Integrated

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

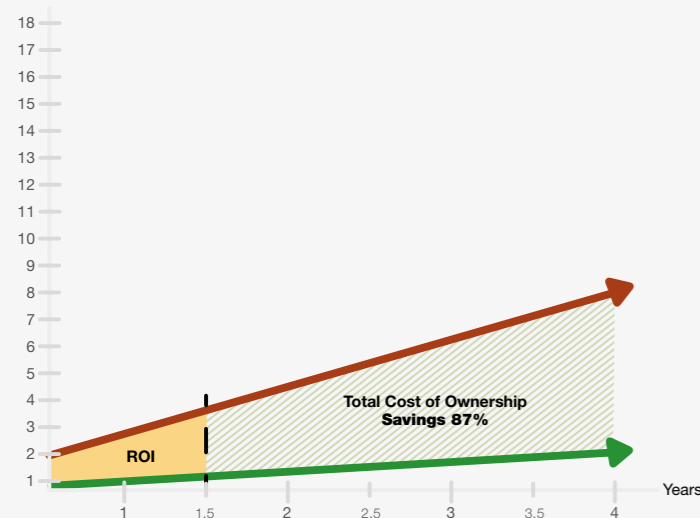
Rated voltage	100 - 240 V
Rated frequency	50/60 Hz
Driver	Integrated
Protection device	Resistance to overvoltages up to 0.5 kV - 1 kV
Control system	On/Off

LIST OF CODES



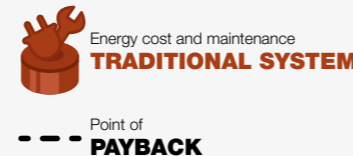
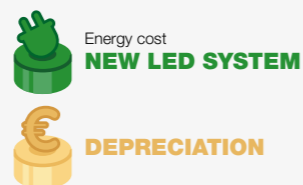
Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Colour	Power (W)	Colour temperature (k)	Control system
GWF2100FR830	Opal bi-emission	CRI 80	650	Black	8 W	3,000 K	On/Off
GWF2100FR840	Opal bi-emission	CRI 80	650	Black	8 W	4,000 K	On/Off
GWF2100FR857	Opal bi-emission	CRI 80	680	Black	8 W	5,700 K	On/Off
GWF2110FR830	Opal bi-emission	CRI 80	650	White	8 W	3,000 K	On/Off
GWF2110FR840	Opal bi-emission	CRI 80	650	White	8 W	4,000 K	On/Off
GWF2110FR857	Opal bi-emission	CRI 80	680	White	8 W	5,700 K	On/Off

Cost [k€]



PAYBACK EXAMPLE: FACADE

Calculation base	Replacement of 40 traditional lighting fixtures
Average illuminance	100 lx
Operating period	3,200 hours per year
ROI (Return On Investment)	in one year and a half
Energy cost	Source: Eurostat



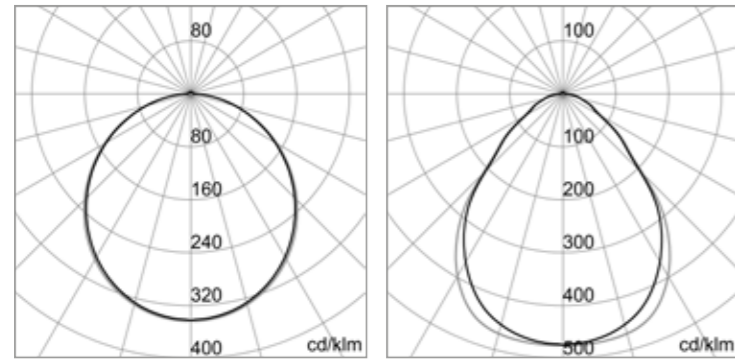
ELIA PL **NEW**

Modular LED panel
for diffuse indoor lighting



ELIA PL is a modular LED panel for indoor lighting applications. It is available in square (600 x 600 mm or 620 x 620 mm) or rectangular (300 x 1200 mm) shapes with a white powder-coated die-cast aluminium frame and two PMMA diffuser options: a high-efficiency microprismatic one with UGR lower than 19, and an opal one with UGR lower than 22. ELIA PL can be flush-mounted in modular ceilings, or alternatively, can be ceiling or suspension-mounted using the accessories ordered separately. The product can be composed in multiple combinations of light sources and power supplies: two colour temperature options (3,000 K warm white or 4,000 K neutral white), two colour rendering index options (more than 80 or more than 90) and two external electronic power supply options (On/Off or DALI) supplied with the device. ELIA PL is easy to install thanks to its reduced weight and its connector for quick electrical wiring. Moreover, the new ELIA PL IP65 version allows its application in indoor environments which require a high resistance against the penetration of water and dust, such as high-humidity ambients and clean rooms.

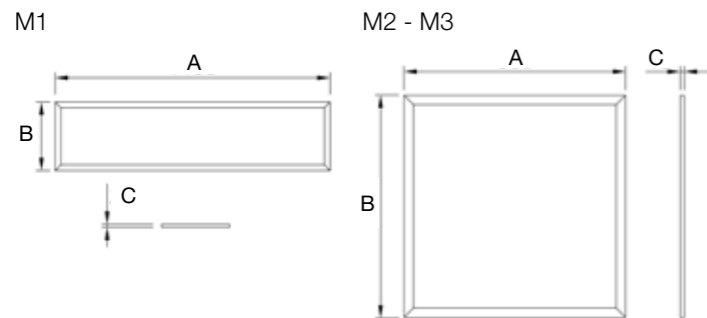
PHOTOMETRY



Opal

Microprismatic

DIMENSIONS



Size	A (mm)	B (mm)	C (mm)
M1	1195	295	9
M2	595	595	9
M3	620	620	9
M1 IP65	1195	295	10
M2 IP65	595	595	10
M3 IP65	620	620	10



IP 40

Standard Version

IP 65

IP65 Version

IK 03

GWT 650°C



GENERAL INFORMATION

Application	Indoor
Colour	White
Light source	LED - non-replaceable
Power	33 W
Lifetime	L80B50 (Tq=25°C) = 50,000 h
Weight	Up to 2.6 kg
Warranty	5 years
Storage temperature	- 20°C + 65°C
Operating temperature	- 20°C + 45°C
Protection degree	IP40/IP20
Impact resistance	IK03

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal - Microprismatic
Glare and luminance control	UGR <19 (Microprismatic diffuser) - UGR <22 (Opal diffuser)
System luminous flux	Up to 4,300 lm
Luminous efficacy	Up to 130 lm/W
Colour temperature	3,000 K - 4,000 K
Colour rendering index	CRI 80 - CRI 90
Chromatic tolerance	SDCM = 5
Photobiological class	RG0

MATERIALS

Body	Aluminium
Diffuser	PMMA
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Typical installation	Free-standing or through accessories ordered separately
Wiring	With terminal on power supply driver

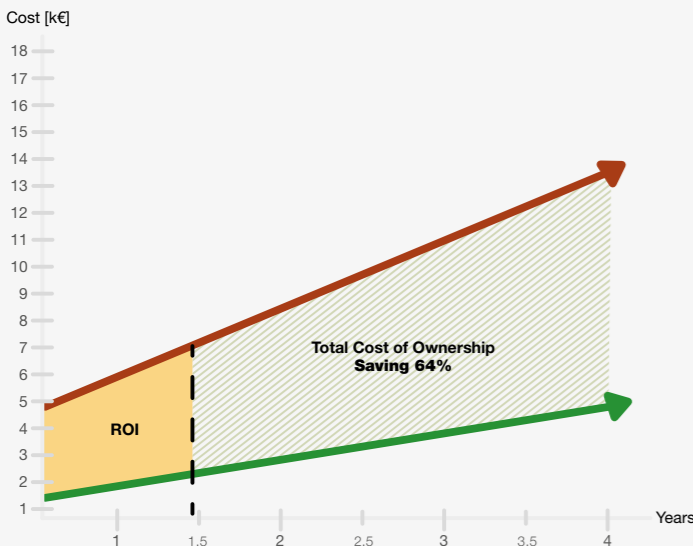
ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Rated voltage	220 - 240 V
Rated frequency	50/60 Hz
Driver	External - Included
Protection device	Resistance to overvoltages up to 1 kV
Control system	On/Off - DALI

LIST OF CODES

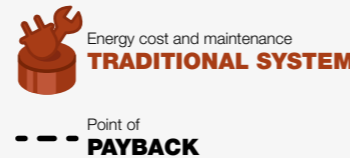
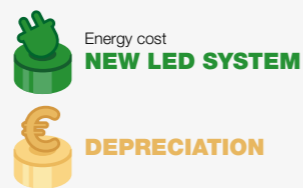


Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Absorbed power (W)	Colour temperature (K)	UGR	Control system
GWF1610LA830	Opal	CRI 80	4,000	M1	33 W	3,000 K	UGR <22	On/Off
GWF1610LA840	Opal	CRI 80	4,300	M1	33 W	4,000 K	UGR <22	On/Off
GWF1610LA930	Opal	CRI 90	3,300	M1	33 W	3,000 K	UGR <22	On/Off
GWF1610LA940	Opal	CRI 90	3,600	M1	33 W	4,000 K	UGR <22	On/Off
GWF1610LN830	Microprismatic	CRI 80	4,000	M1	33 W	3,000 K	UGR <19	On/Off
GWF1610LN840	Microprismatic	CRI 80	4,300	M1	33 W	4,000 K	UGR <19	On/Off
GWF1610LN930	Microprismatic	CRI 90	3,300	M1	33 W	3,000 K	UGR <19	On/Off
GWF1610LN940	Microprismatic	CRI 90	3,600	M1	33 W	4,000 K	UGR <19	On/Off
GWF1610MA830	Opal	CRI 80	4,000	M2	33 W	3,000 K	UGR <22	On/Off
GWF1610MA840	Opal	CRI 80	4,300	M2	33 W	4,000 K	UGR <22	On/Off
GWF1610MA930	Opal	CRI 90	3,300	M2	33 W	3,000 K	UGR <22	On/Off
GWF1610MA940	Opal	CRI 90	3,600	M2	33 W	4,000 K	UGR <22	On/Off
GWF1610MN830	Microprismatic	CRI 80	4,000	M2	33 W	3,000 K	UGR <19	On/Off
GWF1610MN840	Microprismatic	CRI 80	4,300	M2	33 W	4,000 K	UGR <19	On/Off
GWF1610MN930	Microprismatic	CRI 90	3,300	M2	33 W	3,000 K	UGR <19	On/Off
GWF1610MN940	Microprismatic	CRI 90	3,600	M2	33 W	4,000 K	UGR <19	On/Off
GWF1610NA830	Opal	CRI 80	4,000	M3	33 W	3,000 K	UGR <22	On/Off
GWF1610NA840	Opal	CRI 80	4,300	M3	33 W	4,000 K	UGR <22	On/Off
GWF1610NA930	Opal	CRI 90	3,300	M3	33 W	3,000 K	UGR <22	On/Off
GWF1610NA940	Opal	CRI 90	3,600	M3	33 W	4,000 K	UGR <22	On/Off
GWF1610NN830	Microprismatic	CRI 80	4,000	M3	33 W	3,000 K	UGR <19	On/Off
GWF1610NN840	Microprismatic	CRI 80	4,300	M3	33 W	4,000 K	UGR <19	On/Off
GWF1610NN930	Microprismatic	CRI 90	3,300	M3	33 W	3,000 K	UGR <19	On/Off
GWF1610NN940	Microprismatic	CRI 90	3,600	M3	33 W	4,000 K	UGR <19	On/Off
GWF1611LA830	Opal	CRI 80	4,000	M1	33 W	3,000 K	UGR <22	DALI
GWF1611LA840	Opal	CRI 80	4,300	M1	33 W	4,000 K	UGR <22	DALI
GWF1611LA930	Opal	CRI 90	3,300	M1	33 W	3,000 K	UGR <22	DALI
GWF1611LA940	Opal	CRI 90	3,600	M1	33 W	4,000 K	UGR <22	DALI
GWF1611LN830	Microprismatic	CRI 80	4,000	M1	33 W	3,000 K	UGR <19	DALI
GWF1611LN840	Microprismatic	CRI 80	4,300	M1	33 W	4,000 K	UGR <19	DALI
GWF1611LN930	Microprismatic	CRI 90	3,300	M1	33 W	3,000 K	UGR <19	DALI
GWF1611LN940	Microprismatic	CRI 90	3,600	M1	33 W	4,000 K	UGR <19	DALI
GWF1611MA830	Opal	CRI 80	4,000	M2	33 W	3,000 K	UGR <22	DALI
GWF1611MA840	Opal	CRI 80	4,300	M2	33 W	4,000 K	UGR <22	DALI
GWF1611MA930	Opal	CRI 90	3,300	M2	33 W	3,000 K	UGR <22	DALI
GWF1611MA940	Opal	CRI 90	3,600	M2	33 W	4,000 K	UGR <22	DALI
GWF1611MN830	Microprismatic	CRI 80	4,000	M2	33 W	3,000 K	UGR <19	DALI
GWF1611MN840	Microprismatic	CRI 80	4,300	M2	33 W	4,000 K	UGR <19	DALI
GWF1611MN930	Microprismatic	CRI 90	3,300	M2	33 W	3,000 K	UGR <19	DALI
GWF1611MN940	Microprismatic	CRI 90	3,600	M2	33 W	4,000 K	UGR <19	DALI
GWF1611NA830	Opal	CRI 80	4,000	M3	33 W	3,000 K	UGR <22	DALI
GWF1611NA840	Opal	CRI 80	4,300	M3	33 W	4,000 K	UGR <22	DALI
GWF1611NA930	Opal	CRI 90	3,300	M3	33 W	3,000 K	UGR <22	DALI
GWF1611NA940	Opal	CRI 90	3,600	M3	33 W	4,000 K	UGR <22	DALI
GWF1611NN830	Microprismatic	CRI 80	4,000	M3	33 W	3,000 K	UGR <19	DALI
GWF1611NN840	Microprismatic	CRI 80	4,300	M3	33 W	4,000 K	UGR <19	DALI
GWF1611NN930	Microprismatic	CRI 90	3,300	M3	33 W	3,000 K	UGR <19	DALI
GWF1611NN940	Microprismatic	CRI 90	3,600	M3	33 W	4,000 K	UGR <19	DALI



PAYBACK EXAMPLE: OFFICE

Calculation base	Replacement of 48 traditional lighting fixtures
Average illuminance	500 lx
Operating period	3,500 hours per year
ROI (Return On Investment)	Less than a year and a half
Energy cost	Source: Eurostat



ACCESSORIES

Code	Description
GWF1911	Ceiling box kit 600 x 600 mm
GWF1912	Ceiling box kit 620 x 620 mm
GWF1913	Ceiling box kit 300 x 1200 mm
GWF1917	Assemblable ceiling box kit 600 x 600 mm
GWF1918	Assemblable ceiling box kit 620 x 620 mm
GWF1919	Assemblable ceiling box kit 300 x 1200 mm
GWF1921	Kit with 4 suspension cables
GWF1922	Kit with 4 springs for flush-mounting
GWF1923	Safety cable kit
GWS2992	Emergency kit 3h

IP65 VERSION

GENERAL INFORMATION

Application	Indoor
Colour	White
Light source	LED - non-replaceable
Power	36 W
Lifetime	L80B50 (Tq=25°C) = 50,000 h
Weight	Up to 3.4 kg
Warranty	5 years
Storage temperature	- 20°C + 65°C
Operating temperature	- 20°C + 45°C
Protection degree	IP65
Impact resistance	IK03

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal
Glare and luminance control	UGR <22 (Opal diffuser)
System luminous flux	Up to 3,600 lm
Luminous efficacy	Up to 100 lm/W
Colour temperature	3,000 K - 4,000 K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM ≤ 6
Photobiological class	RG1

MATERIALS

Body	Aluminium
Diffuser	PMMA
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Typical installation	Free-standing or through accessories ordered separately
Wiring	With feeding cable

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Rated voltage	220 - 240 V
Rated frequency	50/60 Hz
Driver	External (IP65) - included
Protection device	Resistance to overvoltages up to 1 kV
Control system	On/Off

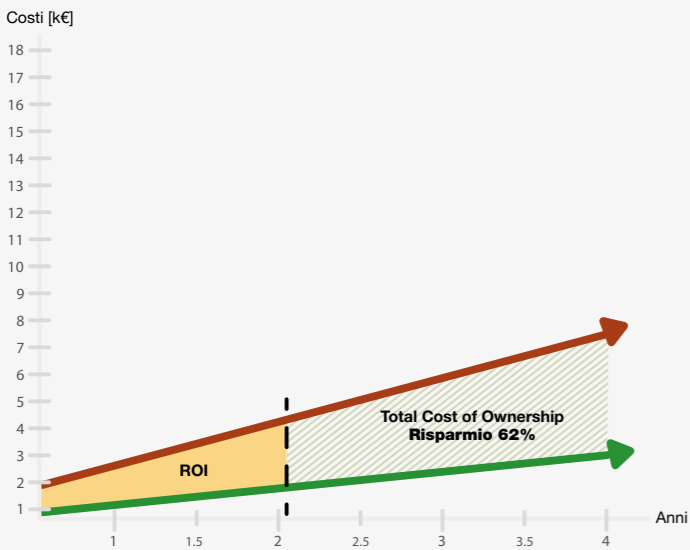
LIST OF CODES



Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Power (W)	Colour temperature (K)	UGR	Control system
GWF1910LA830	Opal	CRI 80	3,300	M1	36 W	3,000 K	UGR <22	On/Off
GWF1910LA840	Opal	CRI 80	3,600	M1	36 W	4,000 K	UGR <22	On/Off
GWF1910MA830	Opal	CRI 80	3,300	M2	36 W	3,000 K	UGR <22	On/Off
GWF1910MA840	Opal	CRI 80	3,600	M2	36 W	4,000 K	UGR <22	On/Off
GWF1910NA830	Opal	CRI 80	3,300	M3	36 W	3,000 K	UGR <22	On/Off
GWF1910NA840	Opal	CRI 80	3,600	M3	36 W	4,000 K	UGR <22	On/Off

ACCESSORIES

Code	Description
GWF1917	Assemblable ceiling box kit 600 x 600 mm
GWF1918	Assemblable ceiling box kit 620 x 620 mm
GWF1919	Assemblable ceiling box kit 300 x 1200 mm
GWF1930	Ceiling box kit 600 x 600 mm
GWF1931	Ceiling box kit 620 x 620 mm
GWF1932	Ceiling box kit 300 x 1200 mm
GWF1923	Safety cable kit
GWF1924	Kit with 4 suspension cables
GWF1925	Kit with 4 springs for flush-mounting



PAYBACK EXAMPLE: LOCKER ROOM

Calculation base	Replacement of 20 traditional lighting fixtures
Average illuminance	200 lx
Operating period	3.500 hours per year
ROI (Return On Investment)	In two years
Energy cost	Source: Eurostat

Energy cost **NEW LED SYSTEM**
DEPRECIATION
 Energy cost and maintenance **TRADITIONAL SYSTEM**
 Point of **PAYBACK**

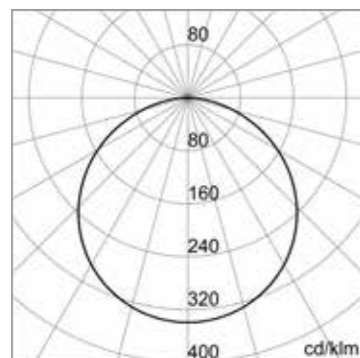
ELIA PL BACKLIT NEW

Modular backlit LED panel
for diffuse indoor lighting



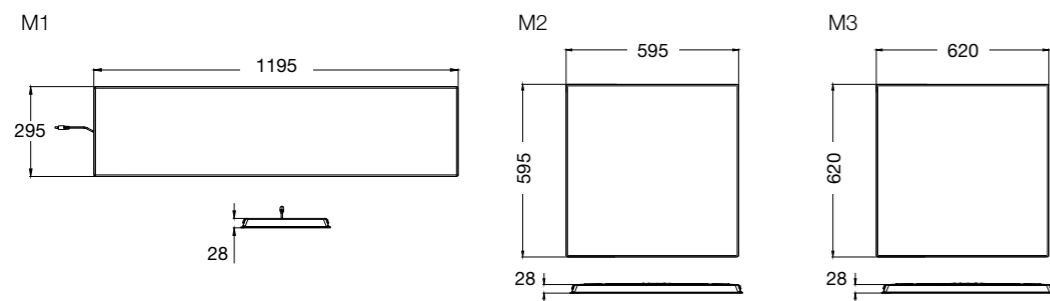
ELIA PL Backlit is the new modular LED panel for indoor lighting applications. Thanks to its superior energy efficiency, it is the ideal solution for a fast return on the investment on the replacement of traditional lighting systems. It is available in square (600 x 600 mm or 620 x 620 mm) or rectangular (300 x 1200 mm) shapes with an opal diffuser with UGR lower than 22. ELIA PL Backlit can be flush-mounted in modular ceilings, or alternatively, can be ceiling or suspension-mounted using the dedicated accessories ordered separately. The product can be composed in multiple combinations of light sources and power supplies: two colour temperature options (3,000 K warm white or 4,000 K neutral white) with a colour rendering index of more than 80, and two external electronic power supply options (On/Off or DALI) supplied with the device. ELIA PL Backlit is easy to install thanks to its reduced weight and its connector for quick electrical wiring.

PHOTOMETRY



Opal

DIMENSIONS



-  IP 40
-  IK 03
-  GWT 650°C
-  CE
-  5 YEARS



GENERAL INFORMATION

Application	Indoor
Colour	White
Light source	LED - non-replaceable
Power	25 W
Lifetime	L80B50 (Tq=25°C) = 50,000 h
Weight	Up to 1.8 kg
Warranty	5 years
Storage temperature	- 20°C + 65°C
Operating temperature	- 20°C + 45°C
Protection degree	IP40
Impact resistance	IK03

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal
Glare and luminance control	UGR <22
System luminous flux	Up to 3,300 lm
Luminous efficacy	Up to 132 lm/W
Colour temperature	3,000 K - 4,000 K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM ≤ 3
Photobiological class	RG0

MATERIALS

Body	Cold-rolled steel
Diffuser	Polystyrene
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Typical installation	Free-standing or through accessories ordered separately
Wiring	With terminal on power supply driver

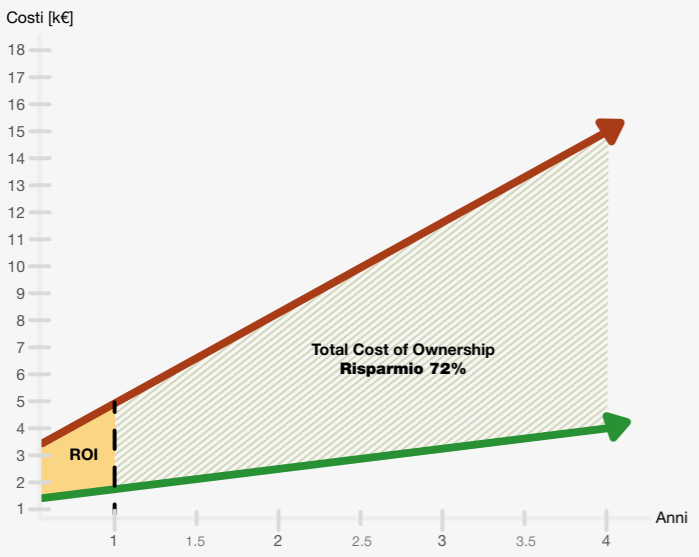
ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Rated voltage	220 - 240 V
Rated frequency	50/60 Hz
Driver	External - Included
Protection device	Resistance to overvoltages up to 1 kV
Control system	On/Off - DALI

LIST OF CODES

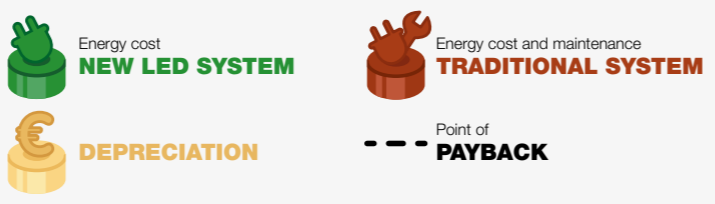


Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Power (W)	Colour temperature (K)	UGR	Control system
GWF1610LT830	Opal	CRI 80	3,000	M1	25 W	3,000 K	UGR <22	On/Off
GWF1611LT830	Opal	CRI 80	3,000	M1	25 W	3,000 K	UGR <22	DALI
GWF1610LT840	Opal	CRI 80	3,300	M1	25 W	4,000 K	UGR <22	On/Off
GWF1611LT840	Opal	CRI 80	3,300	M1	25 W	4,000 K	UGR <22	DALI
GWF1610MT830	Opal	CRI 80	3,000	M2	25 W	3,000 K	UGR <22	On/Off
GWF1611MT830	Opal	CRI 80	3,000	M2	25 W	3,000 K	UGR <22	DALI
GWF1610MT840	Opal	CRI 80	3,300	M2	25 W	4,000 K	UGR <22	On/Off
GWF1611MT840	Opal	CRI 80	3,300	M2	25 W	4,000 K	UGR <22	DALI
GWF1610NT830	Opal	CRI 80	3,000	M3	25 W	3,000 K	UGR <22	On/Off
GWF1611NT830	Opal	CRI 80	3,000	M3	25 W	3,000 K	UGR <22	DALI
GWF1610NT840	Opal	CRI 80	3,300	M3	25 W	4,000 K	UGR <22	On/Off
GWF1611NT840	Opal	CRI 80	3,300	M3	25 W	4,000 K	UGR <22	DALI



PAYBACK EXAMPLE: RECEPTION

Calculation base	Replacement of 48 traditional lighting fixtures
Average illuminance	500 lx
Operating period	3,500 hours per year
ROI (Return On Investment)	One year
Energy cost	Source: Eurostat



ACCESSORIES

Code	Description
GWF1917	Assemblable ceiling box kit 600 x 600 mm
GWF1918	Assemblable ceiling box kit 620 x 620 mm
GWF1919	Assemblable ceiling box kit 300 x 1200 mm
GWF1926	Kit with 4 suspension cables
GWS2992	Emergency kit 3h

ELIA

EASY LIGHTING & INSTALLATION APPLICATION





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