













GEWISS

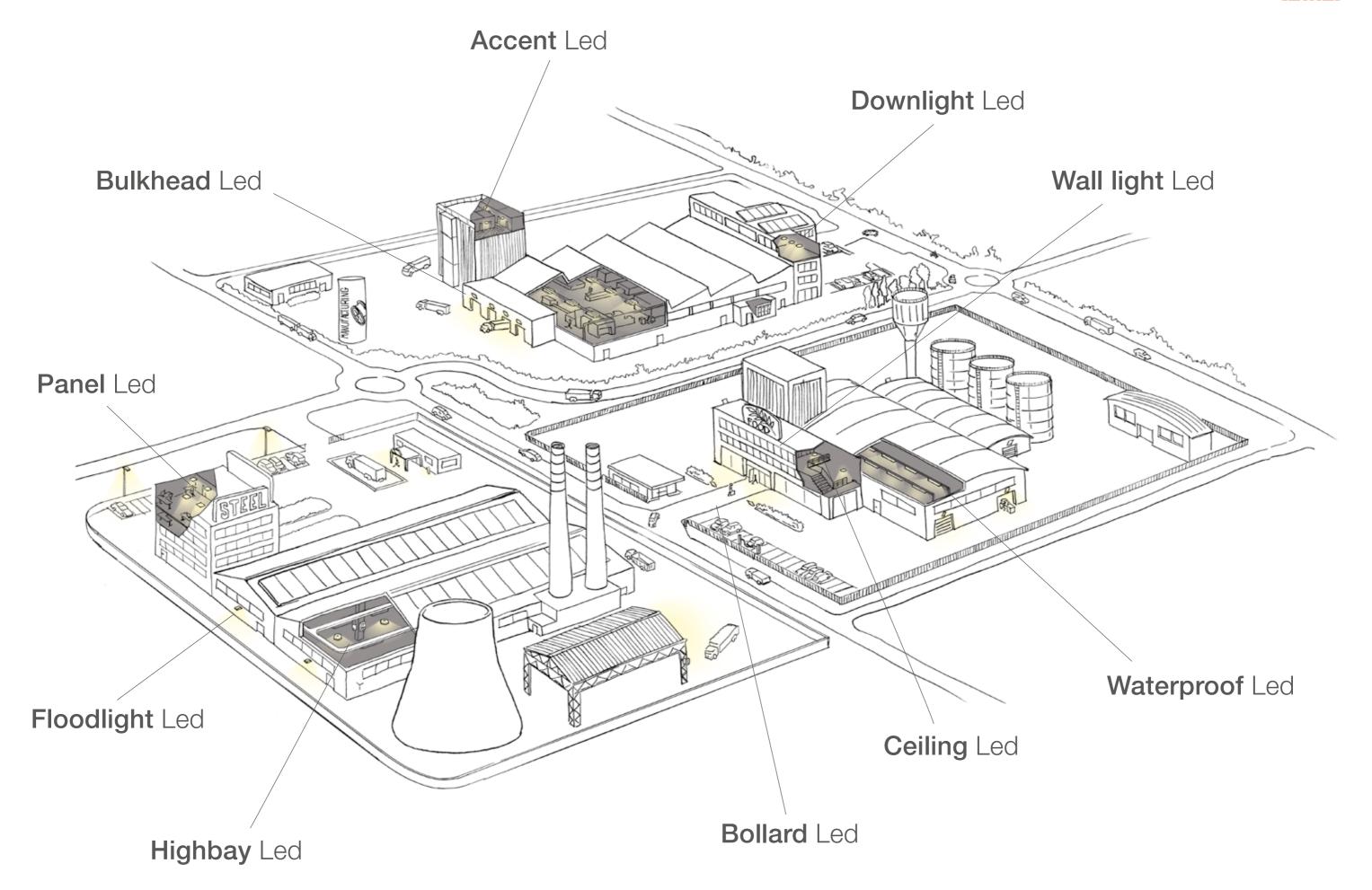


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PRODUCT RANGE





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





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 - 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 - 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.



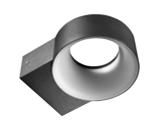


Elia FL - Floodlight LED - the range of compact floodlights, in die-cast aluminium. Ideal for lighting indoor and outdoor architectural elements, it combines quality lighting, energy savings and low maintenance requirements.





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 - 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 - LED Panel - the flush-mounting lowbay for offices and workplaces. Glare and luminance control, energy efficiency and comfort for an optimal solution to replace your old lighting system.





ELIA WL - Waterproof LED - the watertight ceiling luminaire with a compact design for lighting industrial spaces with low ceilings, with through wiring and excellent efficiency. The perfect solution for a quick return on investment, at an advantageous price.









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.



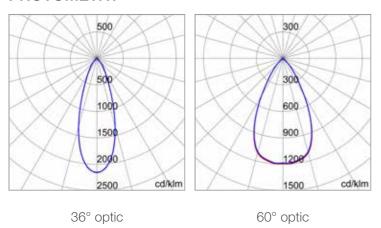
Flush-mounting LED device for accent lighting in commercial areas and offices



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 3,000K (warm white) or 4,000K (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 removal 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 connector located on the device and remote power supply included.

PHOTOMETRY













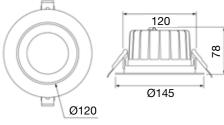


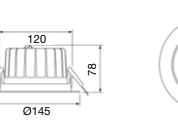


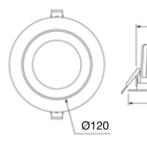


DIMENSIONS

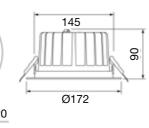








M2









Application	Internal
Colour	White
Lamp	Non-replaceable LED
Absorbed power	18 W - 25W
Lifespan	L80 B50 (Tq25°) = 50,000h
Weight	Up to 0.7 Kg
Warranty	5 years
Storage temperature	-20° - +65°
Operating temperature	-20° - +45°

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	36° - 60°		
Glare and luminance control	UGR<19		
Device luminous flux	Up to 2700lm		
Light efficiency	Up to 113lm/W		
Colour temperature	3,000K - 4,000K		
Colour rendering index	CRI 80 - 90		
Chromatic tolerance	SDCM = 5		
Photobiological class	RG0		

MATERIALS

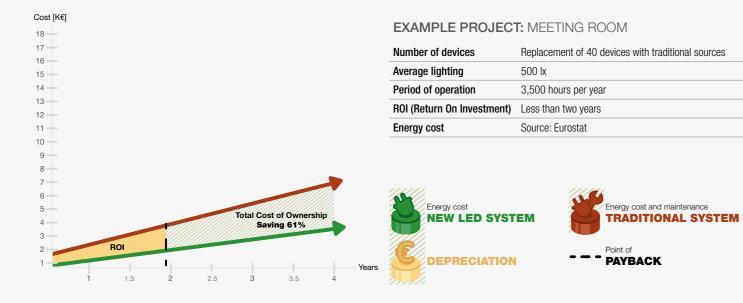
Body	Die-cast aluminium
Optical group	With high-efficiency optical structure
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Type of installation and assembly	Modular flush-mounting
Wiring	With terminal on power supply driver
Power supply compartment	Independent of the optical group

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Supply voltage	220-240V
Rated frequency	50/60 Hz
Power supply	Included
Protection device	Resistance to overvoltages from 0.5kV - 1kV
Control system	ON/OFF - DALI



LIST OF CODES







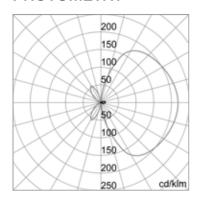
Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Absorbed power (W)	Colour temperature (K)	UGR	Control system
GWF1410GG830	36°	CRI 80	1900	S2	18W	3,000K	UGR<19	ON/OFF
GWF1410GG840	36°	CRI 80	2030	S2	18W	4,000K	UGR<19	ON/OFF
GWF1410GG930	36°	CRI 90	1700	S2	18W	3,000K	UGR<19	ON/OFF
GWF1410GG940	36°	CRI 90	1800	S2	18W	4,000K	UGR<19	ON/OFF
GWF1410GH830	60°	CRI 80	1990	S2	18W	3,000K	UGR<19	ON/OFF
GWF1410GH840	60°	CRI 80	2120	S2	18W	4,000K	UGR<19	ON/OFF
GWF1410GH930	60°	CRI 90	1790	S2	18W	3,000K	UGR<19	ON/OFF
GWF1410GH940	60°	CRI 90	1900	S2	18W	4,000K	UGR<19	ON/OFF
GWF1410MG830	36°	CRI 80	2500	M2	25W	3,000K	UGR<19	ON/OFF
GWF1410MG840	36°	CRI 80	2700	M2	25W	4,000K	UGR<19	ON/OFF
GWF1410MG930	36°	CRI 90	2250	M2	25W	3,000K	UGR<19	ON/OFF
GWF1410MG940	36°	CRI 90	2430	M2	25W	4,000K	UGR<19	ON/OFF
GWF1410MH830	60°	CRI 80	2600	M2	25W	3,000K	UGR<19	ON/OFF
GWF1410MH840	60°	CRI 80	2840	M2	25W	4,000K	UGR<19	ON/OFF
GWF1410MH930	60°	CRI 90	2340	M2	25W	3,000K	UGR<19	ON/OFF
GWF1410MH940	60°	CRI 90	2550	M2	25W	4,000K	UGR<19	ON/OFF
GWF1411GG830	36°	CRI 80	1900	S2	18W	3,000K	UGR<19	DALI
GWF1411GG840	36°	CRI 80	2030	S2	18W	4,000K	UGR<19	DALI
GWF1411GG930	36°	CRI 90	1700	S2	18W	3,000K	UGR<19	DALI
GWF1411GG940	36°	CRI 90	1800	S2	18W	4,000K	UGR<19	DALI
GWF1411GH830	60°	CRI 80	1990	S2	18W	3,000K	UGR<19	DALI
GWF1411GH840	60°	CRI 80	2120	S2	18W	4,000K	UGR<19	DALI
GWF1411GH930	60°	CRI 90	1790	S2	18W	3,000K	UGR<19	DALI
GWF1411GH940	60°	CRI 90	1900	S2	18W	4,000K	UGR<19	DALI
GWF1411MG830	36°	CRI 80	2500	M2	25W	3,000K	UGR<19	DALI
GWF1411MG840	36°	CRI 80	2700	M2	25W	4,000K	UGR<19	DALI
GWF1411MG930	36°	CRI 90	2250	M2	25W	3,000K	UGR<19	DALI
GWF1411MG940	36°	CRI 90	2430	M2	25W	4,000K	UGR<19	DALI
GWF1411MH830	60°	CRI 80	2600	M2	25W	3,000K	UGR<19	DALI
GWF1411MH840	60°	CRI 80	2840	M2	25W	4,000K	UGR<19	DALI
GWF1411MH930	60°	CRI 90	2340	M2	25W	3,000K	UGR<19	DALI
GWF1411MH940	60°	CRI 90	2550	M2	25W	4,000K	UGR<19	DALI





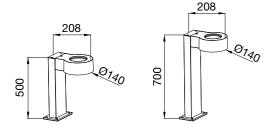
The Elia BL is an elegant die-cast aluminium ground-mounted device, ideal for pole lighting in residential areas and passageways. Designed in two different sizes (500 mm and 700 mm) with an opal screen in diffusing polycarbonate with high and low emissions, to create a comfortable atmosphere, colour temperature of 3,000K, 4,000 K and 5,700 K and colour rendering index greater than 80. It is designed to withstand 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

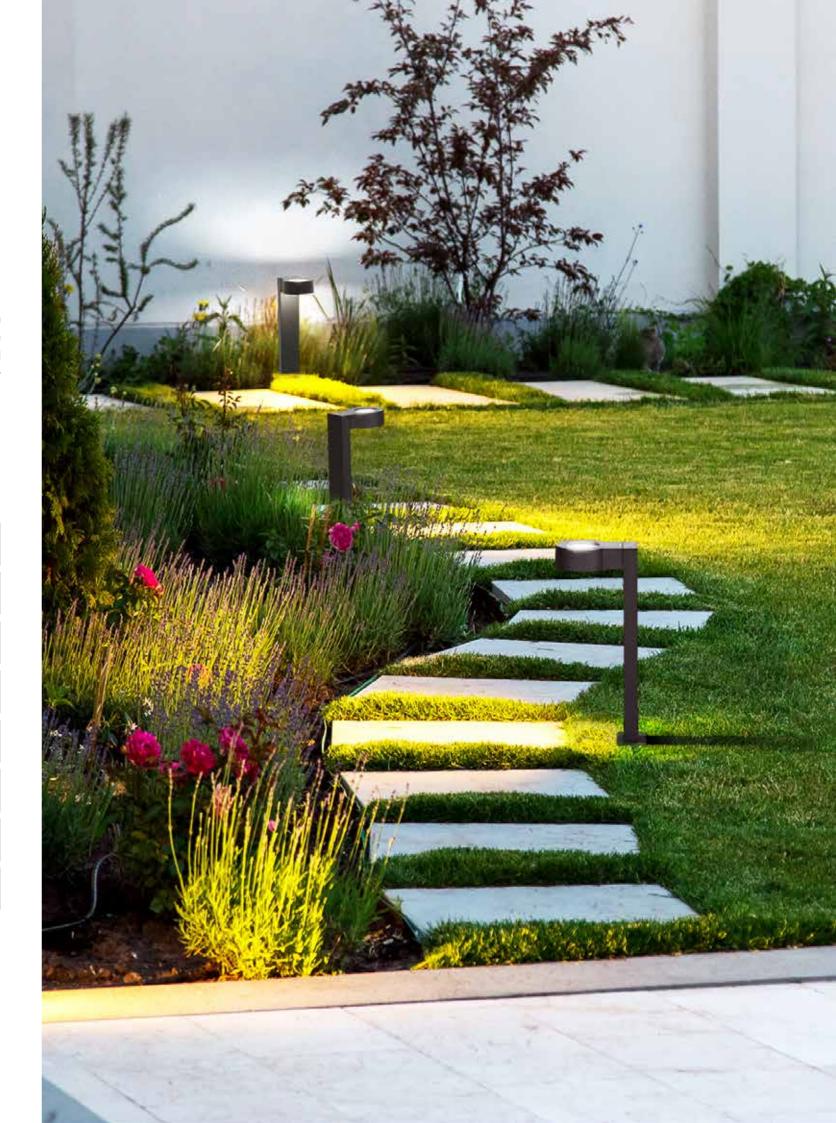
GWT **750°C**











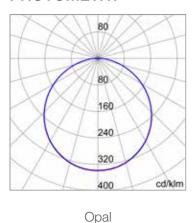


LED device for diffuse lighting of stairways, bathrooms/rest rooms and service areas



ELIA CL is an LED device made from white polycarbonate designed for ceiling or surface mounting, ideal for lighting stairways, bathrooms/rest rooms and service areas. It is quick and easy to install, and features clean, minimalist lines. Designed in two different sizes and power versions, 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, the luminous flux is guaranteed for 3 hours of operation at 10%. It has been designed to withstand 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







IK 08

GWT 650°C

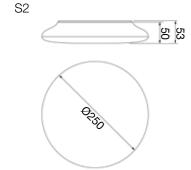


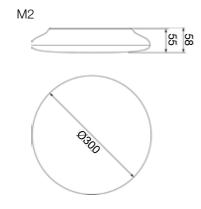


















Application	Internal
Colour	White
Lamp	Non-replaceable LED
Absorbed power	12 W -25W
Lifespan	L80 B50 (Tq25°) = 50,000h
Weight	Up to 0.9 Kg
Warranty	5 years (3 years emergency)
Storage temperature	-20° - +65°
Operating temperature	-20° - +45° (0° - +45° emergency)

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal diffusing
Device luminous flux	Up to 2550lm (380lm in emergency)
Light efficiency	Up to 102lm/W
Colour temperature	4,000K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM = 5
Photobiological class	RG0

MATERIALS

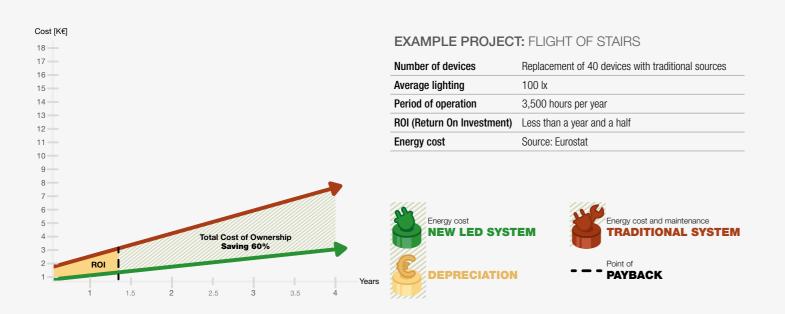
Body	Polycarbonate
Shield	Polycarbonate
Colour finish	PC coloured

INSTALLATION AND MAINTENANCE

Type of installation and assembly	Ceiling - Wall
Wiring	With terminal
Power supply compartment	Integrated

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Supply voltage	220-240V
Rated frequency	50/60 Hz
Power supply	Included
Protection device	Resistance to overvoltages from 0.5kV to 1kV
Control system	ON/OFF



LIST OF CODES





Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Absorbed power (W)	Colour temperature (K)	Control system
GWF1310GA840	Opal diffusing	CRI 80	1150	S2	12W	4,000K	ON/OFF
GWF1310MA840	Opal diffusing	CRI 80	2550	M2	25W	4,000K	ON/OFF
GWF1314MA840	Opal diffusing	CRI 80	2550	M2	25W	4,000K	Emergency
GWF1315GA840	Opal diffusing	CRI 80	1150	S2	12W	4,000K	Movement sensor
GWF1315MA840	Opal diffusing	CRI 80	2550	M2	25W	4,000K	Movement sensor
GWF1316MA840	Opal diffusing	CRI 80	2550	M2	25W	4,000K	Movement sensor - Emergency

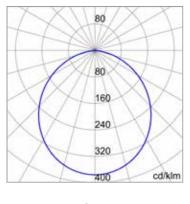


Flush-mounting LED downlight for diffuse lighting in entrance areas, corridors and shared spaces



ELIA DL Flush-mounting LED downlight for lighting entrance areas, corridors and shared spaces, crafted from white power-coated die-cast aluminium with an opal diffusing shield. It is available in two power versions, with separate electronic power supply in the On/Off or DALI options provided as part of a kit, 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 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 connector for the electrical wiring and the quick, simple fin-locking mechanism.

PHOTOMETRY









IK 06

GWT 650°C



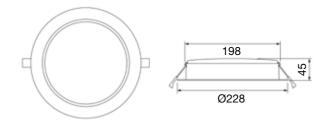






DIMENSIONS

M2 - L2









Application	Internal
Colour	White
Lamp	Non-replaceable LED
Absorbed power	25 W -35W
Lifespan	L80 B50 (Tq25°) = 50,000h
Weight	0.8 Kg
Warranty	5 years
Storage temperature	-20° - +65°
Operating temperature	-20° - +45°

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal diffusing
Device luminous flux	Up to 3550lm
Light efficiency	Up to 104lm/W
Colour temperature	4,000K
Colour rendering index	CRI 80 - 90
Chromatic tolerance	SDCM = 5
Photobiological class	RGO

MATERIALS

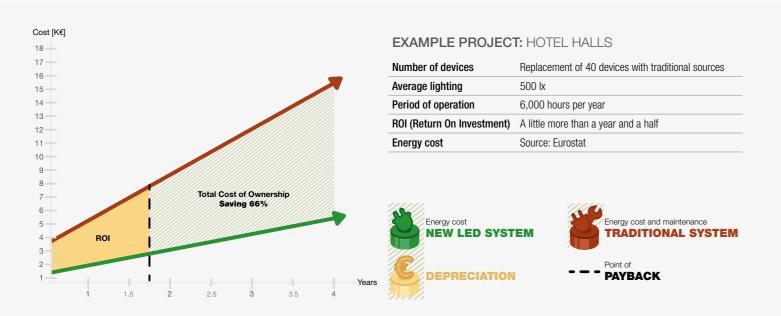
Body	Die-cast aluminium
Shield	Polycarbonate
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Type of installation and assembly	Modular flush-mounting		
Wiring	With terminal on power supply driver		
Power supply compartment	Independent of the optical group		

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Supply voltage	220-240V
Rated frequency	50/60 Hz
Power supply	Included
Protection device	Resistance to overvoltages from 0.5kV to 1kV
Control system	ON/OFF - DALI



LIST OF CODES







Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Absorbed power (W)	Colour temperature (K)	Control system
GWF1510MA840	Opal diffusing	CRI 80	2600	M2	25W	4,000K	ON/OFF
GWF1510MA940	Opal diffusing	CRI 90	2340	M2	25W	4,000K	ON/OFF
GWF1510QA840	Opal diffusing	CRI 80	3550	L2	35W	4,000K	ON/OFF
GWF1510QA940	Opal diffusing	CRI 90	3200	L2	35W	4,000K	ON/OFF
GWF1511MA840	Opal diffusing	CRI 80	2600	M2	25W	4,000K	DALI
GWF1511MA940	Opal diffusing	CRI 90	2340	M2	25W	4,000K	DALI
GWF1511QA840	Opal diffusing	CRI 80	3550	L2	35W	4,000K	DALI
GWF1511QA940	Opal diffusing	CRI 90	3200	L2	35W	4,000K	DALI



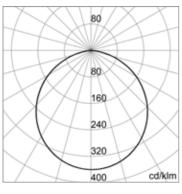


LED device for lighting stairs, passageways or service rooms



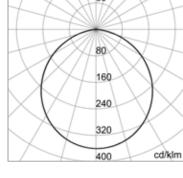
The ELIA EL is a die-cast aluminium LED wall or ceiling-mounted device, ideal for lighting exteriors and interiors such as: stairs, passageways and service rooms. They are simple and quick to install, with a clean and essential aesthetic. Designed in two different finishes (black and white), with an opal screen in diffusing polycarbonate, colour temperature of 3,000K, 4,000 K and 5,700 K and colour rendering index greater than 80. The ELIA EL is also available in the Emergency version, with guaranteed flow for 3 hours of operation. It is designed to withstand 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 manoeuvrable, 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



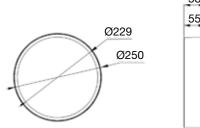








DIMENSIONS







80

GWT 750°C















Application	Indoor/Outdoor
Colour	Black - White
Source	LED - not replaceable
Power consumption	18 W
Lifetime	L80 B50 (Tq25°) = 50,000 h
Weight	1.05 kg ON/OFF - 1.15 kg Emergency
Warranty	5 years (3 years Emergency)
Storage temperature	-20° - +65°
Operating temperature	-20° - +50°

OPTIC AND LIGHTING FEATURES

Optics	Opal
Device luminous flux	Up to 1700 lm (440 Em.)
Luminous efficiency	Up to 95 lm/W
Colour temperature	3,000K - 4,000K - 5,700K
Colour rendering index	CRI>80
Standard deviation colour matching	SDCM ≤ 5

MATERIALS

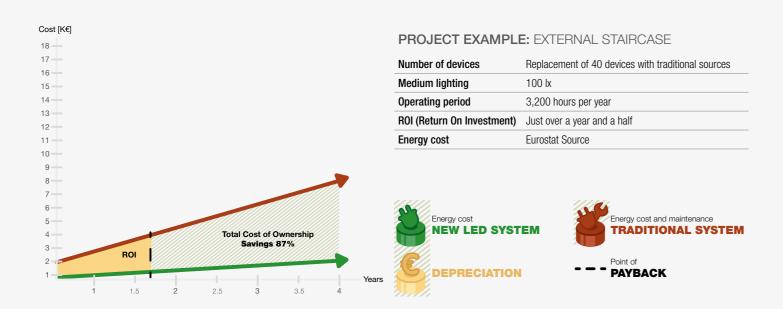
Body	Die-cast aluminium
Screen	Polycarbonate
Colour finish	Painted

INSTALLATION AND MAINTENANCE

Installation and assembly type	Ceiling lamp - Surface mounting
Cabling	With terminals
Driver box	Integrated

ELECTRICAL FEATURES AND LIGHT MANAGEMENT

Power voltage	100-240 V
Rated frequency	50/60 Hz
Power supply	Included
Protection device	Surge protection from 0.5 kV to 1 kV
Control system	ON OFF



CODE LIST





Code	Optics	Colour rendering index (CRI)	Luminous flux (lm)	Dimensions	Absorbed power (W)	Colour temperature (k)	Control system
GWF2200LA830	Opal	CRI>80	1500	Black	18 W	3,000K	ON OFF
GWF2200LA840	Opal	CRI>80	1650	Black	18 W	4,000K	ON OFF
GWF2200LA857	Opal	CRI>80	1700	Black	18 W	5,700K	ON OFF
GWF2204LA830	Opal	CRI>80	1500 (440 Em.)	Black	18 W	3,000K	Emergency
GWF2204LA840	Opal	CRI>80	1650 (440 Em.)	Black	18 W	4,000K	Emergency
GWF2204LA857	Opal	CRI>80	1700 (440 Em.)	Black	18 W	5,700K	Emergency
GWF2210LA830	Opal	CRI>80	1500	White	18 W	3,000K	ON OFF
GWF2210LA840	Opal	CRI>80	1650	White	18 W	4,000K	ON OFF
GWF2210LA857	Opal	CRI>80	1700	White	18 W	5,700K	ON OFF
GWF2214LA830	Opal	CRI>80	1500 (440 Em.)	White	18 W	3,000K	Emergency
GWF2214LA840	Opal	CRI>80	1650 (440 Em.)	White	18 W	4,000K	Emergency
GWF2214LA857	Opal	CRI>80	1700 (440 Em.)	White	18 W	5,700K	Emergency

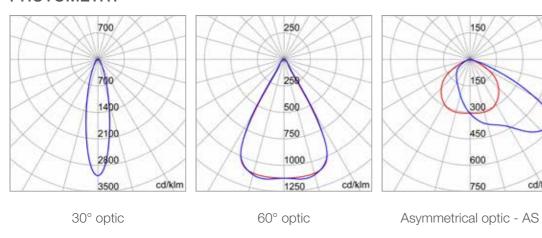


Low, medium and high power LED floodlights for lighting external industrial areas



ELIA FL is a LED outdoor floodlight available in low, medium and high power versions for lighting external industrial areas, such as façades, car parks and walkways or driveways. It can be mounted on surfaces, ceilings or on the ground using the adjustable steel bracket supplied with the device, or in the pole head version, courtesy of the dedicated accessory for poles with a diameter of up to 61 mm. Crafted from black powder-coated die-cast aluminium, it is available in four sizes and powers, with integrated power supply in the On/Off or DALI options, three types of optic (30°, 60° and asymmetrical) with a colour temperature of 4,000 K (neutral white) and a colour rendering index of more than 80. Tough and durable, ELIA FL has been designed to withstand overvoltages of up to 10KV and temperature variations from -30°C to + 50°C, and offers protection from water and dust penetration of up to level IP66 and from shocks and impacts of up to level IK08. ELIA FL is quick and easy to install thanks to its limited weight and adjustable bracket.

PHOTOMETRY









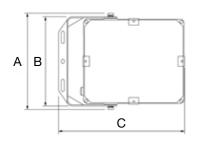








DIMENSIONS



Size	A (mm)	B (mm)	C (mm)	D (mm)
S2	240	222	314	63
M2	330	309	418	77
L2	330	309	451	77
XL2	395	347	494	87







Application	Internal/ External
Colour	Black
Lamp	Non-replaceable LED
Absorbed power	from 50W to 200W
Lifespan	L80 B50 (Tq25°) = 50,000h
Weight	Up to 6.3 Kg
Warranty	5 years
Storage temperature	-40° +85°
Operating temperature	-30° - +50°

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Asymmetrical - 30° - 60°
Glare and luminance control	from 6600 to 27100lm
Light efficiency	Up to 136lm/W
Colour temperature	4,000K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM = 5
Photobiological class	RGO

MATERIALS

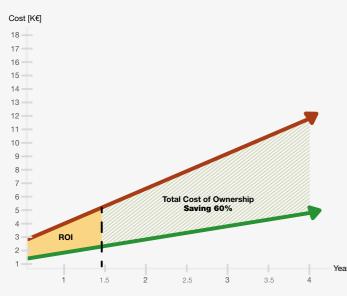
Body	Die-cast aluminium
Shield	Tempered flat glass, thickness 4mm, screen printed with the Gewiss logo
Optical group	With high-efficiency optical structure
External screws	Stainless steel
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Type of installation and assembly	Ceiling - Wall - Ground
Tilt	Through the adjustment of the bracket already fitted on the product
Wiring	With power supply cable
Power supply compartment	Integrated
Maximum wind-exposed surface	from 0.05m2 to 0.15m2

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

ELECTRICAL CHARACTERISTICS AND EIGHT WANAGEMENT	
Supply voltage	100/220-240V
Rated frequency	50/60 Hz
Power supply	Included
Protection device	Resistance to overvoltages from 6-4kV to 10-6kV
Control system	ON/OFF - DALI



EXAMPLE PROJECT: EXTERNAL AREA

Number of devices	Replacement of 12 devices with traditional sources
Average lighting	200 lx
Period of operation	2,000 hours per year
ROI (Return On Investment)	Less than a year and a half
Energy cost	Source: Eurostat





LIST OF CODES







Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Absorbed power (W)	Colour temperature (K)	Control system
GWF1100GC840	Asymmetrical	CRI 80	6600	S2	50W	4,000K	ON/OFF
GWF1100GF840	30°	CRI 80	6600	S2	50W	4,000K	ON/OFF
GWF1100GH840	60°	CRI 80	6600	S2	50W	4,000K	ON/OFF
GWF1100MC840	Asymmetrical	CRI 80	13000	M2	100W	4,000K	ON/OFF
GWF1100MF840	30°	CRI 80	13400	M2	100W	4,000K	ON/OFF
GWF1100MH840	60°	CRI 80	13400	M2	100W	4,000K	ON/OFF
GWF1100QC840	Asymmetrical	CRI 80	19600	L2	150W	4,000K	ON/OFF
GWF1100QF840	30°	CRI 80	19900	L2	150W	4,000K	ON/OFF
GWF1100QH840	60°	CRI 80	20400	L2	150W	4,000K	ON/OFF
GWF1100VC840	Asymmetrical	CRI 80	26000	XL2	200W	4,000K	ON/OFF
GWF1100VF840	30°	CRI 80	26600	XL2	200W	4,000K	ON/OFF
GWF1100VH840	60°	CRI 80	27100	XL2	200W	4,000K	ON/OFF
GWF1101MC840	Asymmetrical	CRI 80	13000	M2	100W	4,000K	DALI
GWF1101MF840	30°	CRI 80	13400	M2	100W	4,000K	DALI
GWF1101MH840	60°	CRI 80	13400	M2	100W	4,000K	DALI
GWF1101QC840	Asymmetrical	CRI 80	19600	L2	150W	4,000K	DALI
GWF1101QF840	30°	CRI 80	19900	L2	150W	4,000K	DALI
GWF1101QH840	60°	CRI 80	20400	L2	150W	4,000K	DALI
GWF1101VC840	Asymmetrical	CRI 80	26000	XL2	200W	4,000K	DALI
GWF1101VF840	30°	CRI 80	26600	XL2	200W	4,000K	DALI
GWF1101VH840	60°	CRI 80	27100	XL2	200W	4,000K	DALI

ACCESSORIES

Code	Description	Pole dimension Ø
GWF1901	Pole head accessory compatible with all versions	Up to 61mm

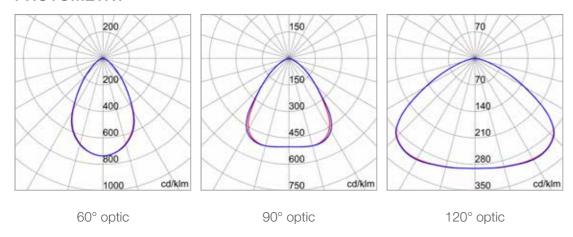


High power LED device for lighting production and logistics areas in industrial environments



ELIA HL is a suspended LED device designed for lighting production and logistics areas in industrial environments with mid-high ceilings, where high levels of performance and luminous flux are required. Crafted from black powder-coated die-cast aluminium with integrated cooling fins, it is available in two sizes and powers, with integrated power supply in the On/Off or DALI options, three types of optic with polycarbonate lenses (60°, 90° and 120°) with a colour temperature of 4,000 K (neutral white) and a colour rendering index of more than 80. Tough and durable, ELIA HL has been designed to withstand overvoltages of up to 4KV and temperature variations from -30°C to + 50°C, and offers protection from water and dust penetration of up to level IP65 and from shocks and impacts of up to level IK08. 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









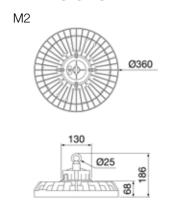


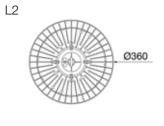


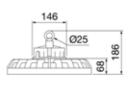


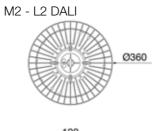


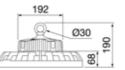
DIMENSIONS

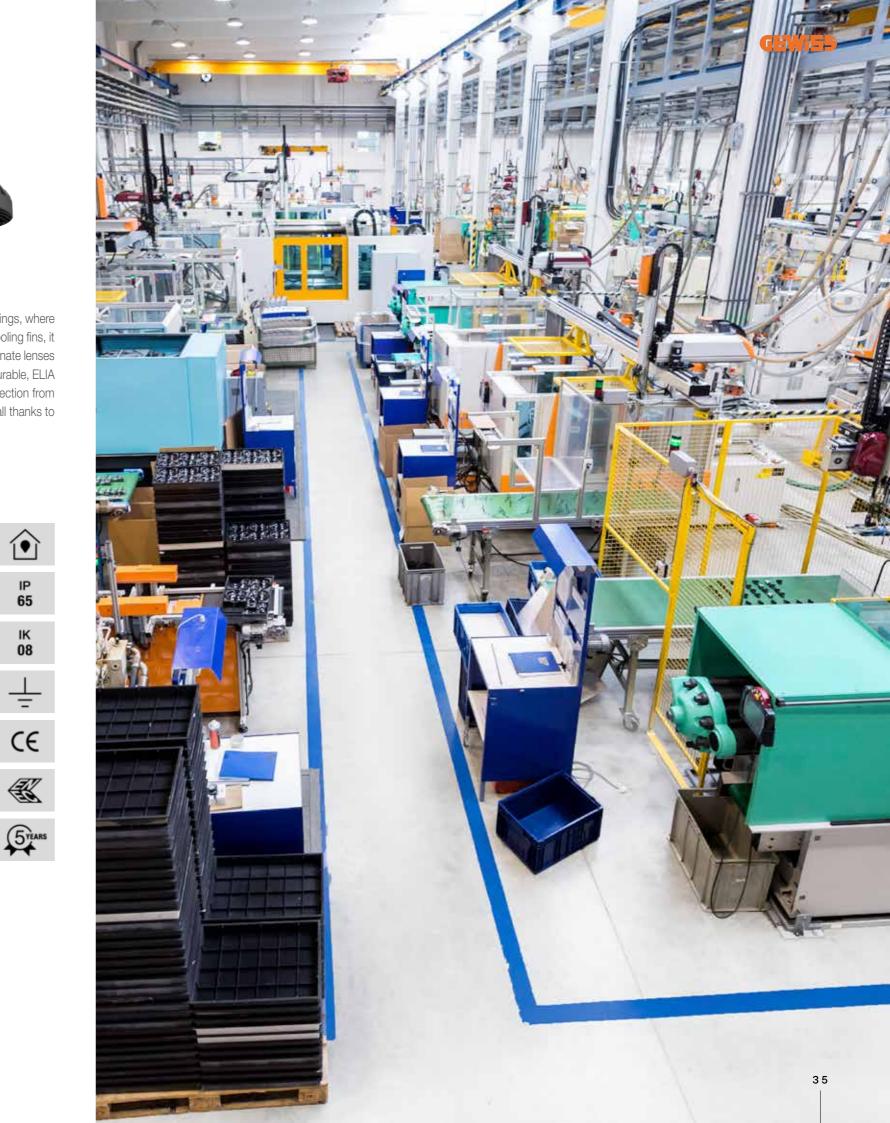
















Application	Internal
Colour	Black
Lamp	Non-replaceable LED
Absorbed power	120 W -200W
Lifespan	L80 B50 (Tq25°) = 50,000h
Weight	Up to 4.3 Kg
Warranty	5 years
Storage temperature	-40° +85°
Operating temperature	-30° - +50°

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	60°-90°-120°
Device luminous flux	Up to 28000lm
Light efficiency	Up to 142lm/W
Colour temperature	4,000K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM = 5
Photobiological class	RGO

MATERIALS

36

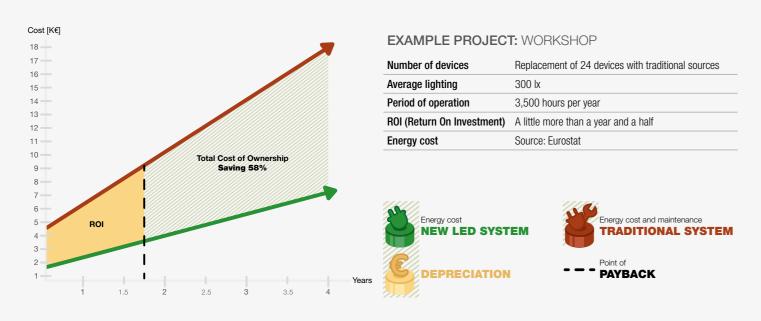
Body	Die-cast aluminium
Optical group	With high-efficiency optical structure
External screws	Stainless steel
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Type of installation and assembly	Suspension
Wiring	With power supply cable
Power supply compartment	Independent of the optical group

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

	ELECTRICAL CHARACTERISTICS AND LIGHT WAR ACCURENT	
Supply voltage	100/220-240V	
Rated frequency	50/60 Hz	
Power supply	Included	
Protection device	Resistance to overvoltages 4kV	
Control system	ON/OFF - DALI	



LIST OF CODES







	11111						
Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Absorbed power (W)	Colour temperature (K)	Control system
GWF1000MH840	60°	CRI 80	16900	M2	120 W	4,000K	ON/OFF
GWF1000ML840	90°	CRI 80	16100	M2	120 W	4,000K	ON/OFF
GWF1000MM840	120°	CRI 80	17000	M2	120 W	4,000K	ON/OFF
GWF1000QH840	60°	CRI 80	27850	L2	200W	4,000K	ON/OFF
GWF1000QL840	90°	CRI 80	26900	L2	200W	4,000K	ON/OFF
GWF1000QM840	120°	CRI 80	28000	L2	200W	4,000K	ON/OFF
GWF1001MH840	60°	CRI 80	16900	M2	120 W	4,000K	DALI
GWF1001ML840	90°	CRI 80	16100	M2	120 W	4,000K	DALI
GWF1001MM840	120°	CRI 80	17000	M2	120 W	4,000K	DALI
GWF1001QH840	60°	CRI 80	27850	L2	200W	4,000K	DALI
GWF1001QL840	90°	CRI 80	26900	L2	200W	4,000K	DALI
GWF1001QM840	120°	CRI 80	28000	L2	200W	4,000K	DALI

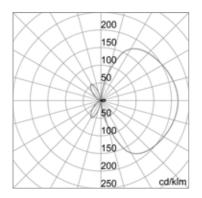


LED device for lighting stairs, passageways or facades



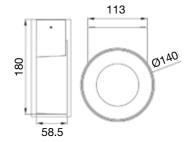
The ELIA OL is an elegant, die-cast aluminium wall-mounted device, ideal for architectural lighting of interiors and exteriors such as: stairs, passageways or facades. They are simple and quick to install, with a clean and essential aesthetic. Designed in two different finishes (black and white), with an a polycarbonate opal screen double emission to create a comfortable atmosphere, colour temperature of 3,000K, 4,000 K and 5,700 K and colour rendering index greater than 80. It is designed to withstand temperature variations from -20°C to + 45°C, water and dust penetration up to IP65 grade and shocks up to IK08 grade. Lightweight and manoeuvrable, the ELIA OL is easy to install thanks also to the rear attachment bracket, the quick coupling terminal located at the rear for the electrical wiring.

PHOTOMETRY



Opal bi-emission

DIMENSIONS







1K 08

GWT **750°C**















Application	Indoor/Outdoor
Colour	Black - White
Source	LED - not replaceable
Power consumption	8 W
Lifetime	L80 B50 (Tq25°) = 50,000 h
Weight	0.49 kg
Warranty	5 years
Storage temperature	-20° - +65°
Operating temperature	-20° - +45°

OPTIC AND LIGHTING FEATURES

Optics	Opal bi-emission
Device luminous flux	Up to 680 lm
Luminous efficiency	Up to 85 lm/W
Colour temperature	3,000K - 4,000K - 5,700K
Colour rendering index	CRI>80
Standard deviation colour matching	SDCM ≤ 5

MATERIALS

40

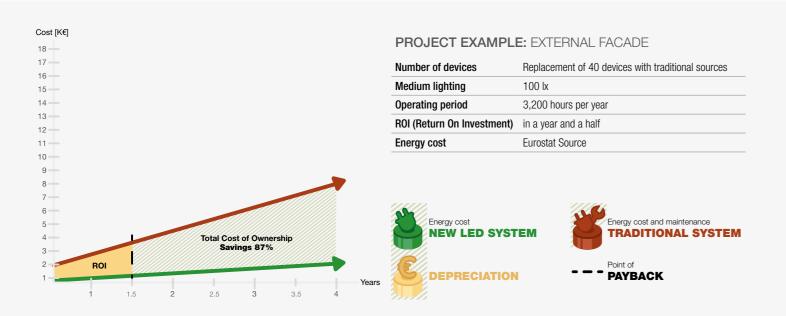
Body	Die-cast aluminium	
Screen	Polycarbonate	
Colour finish	Painted	

INSTALLATION AND MAINTENANCE

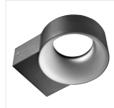
Installation and assembly type	Wall mounting
Cabling	With terminals
Driver box	Integrated

ELECTRICAL FEATURES AND LIGHT MANAGEMENT

Power voltage	100-240 V
Rated frequency	50/60 Hz
Power supply	Included
Protection device	Surge protection from 0.5 kV to 1 kV
Control system	ON OFF



CODE LIST





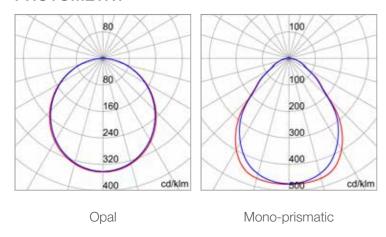
Code	Optics	Colour rendering index (CRI)	Luminous flux (lm)	Dimensions	Absorbed power (W)	Colour temperature (k)	Control system
GWF2100FR830	Opal bi-emission	CRI>80	650	Black	8 W	3,000K	ON OFF
GWF2100FR840	Opal bi-emission	CRI>80	650	Black	8 W	4,000K	ON OFF
GWF2100FR857	Opal bi-emission	CRI>80	680	Black	8 W	5,700K	ON OFF
GWF2110FR830	Opal bi-emission	CRI>80	650	White	8 W	3,000K	ON OFF
GWF2110FR840	Opal bi-emission	CRI>80	650	White	8 W	4,000K	ON OFF
GWF2110FR857	Opal bi-emission	CRI>80	680	White	8 W	5,700K	ON OFF





ELIA PL is a LED lowbay for lighting offices, available in square or rectangular versions with a frame in white powder-coated die-cast aluminium and two types of PMMA shield, a high-efficiency micro-prism version with a UGR of less than 19 and an opal version with an UGR of 22. ELIA PL can be flush-mounted in false ceilings with standard panels, or alternatively, can be ceiling or suspension-mounted using the accessories provided separately. The family of products is available with a colour temperature of 3,000K (warm white) or 4,000K (neutral white), a colour rendering index of more than 80 or more than 90 and a separate electronic power supply supplied as part of a kit, in On/Off or DALI versions. ELIA PL is easy to install thanks to the reduced weight of the device and the connector for electrical wiring which enables connection to the remote power supply.

PHOTOMETRY







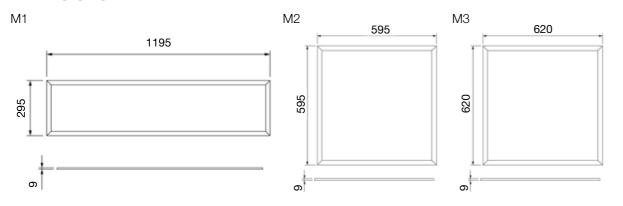








DIMENSIONS











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GENERAL INFORMATION

Application	Internal
Colour	White
Lamp	Non-replaceable LED
Absorbed power	33W
Lifespan	L80 B50 (Tq25°) = 50,000h
Weight	Up to 2.6 Kg
Warranty	5 years
Storage temperature	-20° - +65°
Operating temperature	-20° - +45°

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal diffusing - Micro-prismatic
Glare and luminance control	UGR<19 - UGR<22
Device luminous flux	Up to 4000lm
Light efficiency	Up to 120lm/W
Colour temperature	3,000K - 4,000K
Colour rendering index	CRI 80 - CRI90
Chromatic tolerance	SDCM = 5
Photobiological class	RG0

MATERIALS

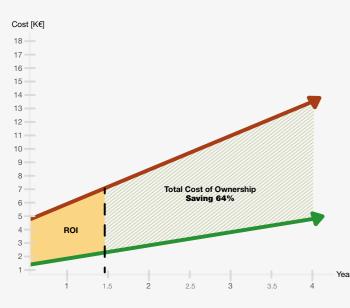
Body	Aluminium
Shield	Plexiglass
Optical group	With high-efficiency micro-prism structure
Colour finish	Powder coated

INSTALLATION AND MAINTENANCE

Type of installation and assembly	Modular flush-mounting
Tilt	With accessory for suspension mounting via adjusted cables
Wiring	With terminal on power supply driver
Power supply compartment	Independent of the optical group

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Supply voltage	220-240V
Rated frequency	50/60 Hz
Power supply	Included
Protection device	Resistance to overvoltages 1kV
Control system	ON/OFF - DALL



EXAMPLE PROJECT: OFFICE

Number of devices	Replacement of 48 devices with traditional sources
Average lighting	500 lx
Period of operation	3,500 hours per year
ROI (Return On Investment)	Less than a year and a half
Energy cost	Source: Eurostat





- - Point of PAYBACK

LIST OF CODES







Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Absorbed power (W)	Colour temperature (K)	UGR	Control system
GWF1610LA830	Opal diffusing	CRI 80	3700	M1	33W	3,000K	UGR<22	ON/OFF
GWF1610LA840	Opal diffusing	CRI 80	4000	M1	33W	4,000K	UGR<22	ON/OFF
GWF1610LA930	Opal diffusing	CRI 90	3000	M1	33W	3,000K	UGR<22	ON/OFF
GWF1610LA940	Opal diffusing	CRI 90	3300	M1	33W	4,000K	UGR<22	ON/OFF
GWF1610LN830	Micro-prismatic	CRI 80	3700	M1	33W	3,000K	UGR<19	ON/OFF
GWF1610LN840	Micro-prismatic	CRI 80	4000	M1	33W	4,000K	UGR<19	ON/OFF
GWF1610LN930	Micro-prismatic	CRI 90	3000	M1	33W	3,000K	UGR<19	ON/OFF
GWF1610LN940	Micro-prismatic	CRI 90	3300	M1	33W	4,000K	UGR<19	ON/OFF
GWF1610MA830	Opal diffusing	CRI 80	3700	M2	33W	3,000K	UGR<22	ON/OFF
GWF1610MA840	Opal diffusing	CRI 80	4000	M2	33W	4,000K	UGR<22	ON/OFF
GWF1610MA930	Opal diffusing	CRI 90	3000	M2	33W	3,000K	UGR<22	ON/OFF
GWF1610MA940	Opal diffusing	CRI 90	3300	M2	33W	4,000K	UGR<22	ON/OFF
GWF1610MN830	Micro-prismatic	CRI 80	3700	M2	33W	3,000K	UGR<19	ON/OFF
GWF1610MN840	Micro-prismatic	CRI 80	4000	M2	33W	4,000K	UGR<19	ON/OFF
GWF1610MN930	Micro-prismatic	CRI 90	3000	M2	33W	3,000K	UGR<19	ON/OFF
GWF1610MN940	Micro-prismatic	CRI 90	3300	M2	33W	4,000K	UGR<19	ON/OFF
GWF1610NA830	Opal diffusing	CRI 80	3700	M3	33W	3,000K	UGR<22	ON/OFF
GWF1610NA840	Opal diffusing	CRI 80	4000	M3	33W	4,000K	UGR<22	ON/OFF
GWF1610NA930	Opal diffusing	CRI 90	3000	M3	33W	3,000K	UGR<22	ON/OFF
GWF1610NA940	Opal diffusing	CRI 90	3300	M3	33W	4,000K	UGR<22	ON/OFF
GWF1610NN830	Micro-prismatic	CRI 80	3700	M3	33W	3,000K	UGR<19	ON/OFF
			4000	M3	33W	4,000K	UGR<19	ON/OFF
GWF1610NN840	Micro-prismatic	CRI 80 CRI 90	3000	M3	33W	3,000K	UGR<19	ON/OFF
GWF1610NN930	Micro-prismatic							
GWF1610NN940	Micro-prismatic	CRI 90	3300	M3	33W	4,000K	UGR<19	ON/OFF
GWF1611LA830	Opal diffusing	CRI 80	3700	M1	33W	3,000K	UGR<22	DALI
GWF1611LA840	Opal diffusing	CRI 80	4000	M1	33W	4,000K	UGR<22	DALI
GWF1611LA930	Opal diffusing	CRI 90	3000	M1	33W	3,000K	UGR<22	DALI
GWF1611LA940	Opal diffusing	CRI 90	3300	M1	33W	4,000K	UGR<22	DALI
GWF1611LN830	Micro-prismatic	CRI 80	3700	M1	33W	3,000K	UGR<19	DALI
GWF1611LN840	Micro-prismatic	CRI 80	4000	M1	33W	4,000K	UGR<19	DALI
GWF1611LN930	Micro-prismatic	CRI 90	3000	M1	33W	3,000K	UGR<19	DALI
GWF1611LN940	Micro-prismatic	CRI 90	3300	M1	33W	4,000K	UGR<19	DALI
GWF1611MA830	Opal diffusing	CRI 80	3700	M2	33W	3,000K	UGR<22	DALI
GWF1611MA840	Opal diffusing	CRI 80	4000	M2	33W	4,000K	UGR<22	DALI
GWF1611MA930	Opal diffusing	CRI 90	3000	M2	33W	3,000K	UGR<22	DALI
GWF1611MA940	Opal diffusing	CRI 90	3300	M2	33W	4,000K	UGR<22	DALI
GWF1611MN830	Micro-prismatic	CRI 80	3700	M2	33W	3,000K	UGR<19	DALI
GWF1611MN840	Micro-prismatic	CRI 80	4000	M2	33W	4,000K	UGR<19	DALI
GWF1611MN930	Micro-prismatic	CRI 90	3000	M2	33W	3,000K	UGR<19	DALI
GWF1611MN940	Micro-prismatic	CRI 90	3300	M2	33W	4,000K	UGR<19	DALI
GWF1611NA830	Opal diffusing	CRI 80	3700	М3	33W	3,000K	UGR<22	DALI
GWF1611NA840	Opal diffusing	CRI 80	4000	M3	33W	4,000K	UGR<22	DALI
GWF1611NA930	Opal diffusing	CRI 90	3000	M3	33W	3,000K	UGR<22	DALI
GWF1611NA940	Opal diffusing	CRI 90	3300	M3	33W	4,000K	UGR<22	DALI
GWF1611NN830	Micro-prismatic	CRI 80	3700	M3	33W	3,000K	UGR<19	DALI
GWF1611NN840	Micro-prismatic	CRI 80	4000	M3	33W	4,000K	UGR<19	DALI
GWF1611NN930	Micro-prismatic	CRI 90	3000	M3	33W	3,000K	UGR<19	DALI
GWF1611NN940	Micro-prismatic	CRI 90	3300	M3	33W	4,000K	UGR<19	DALI

ACCESSORIES

Code	Description
GWF1911	ELIA PL ceiling box kit 60X60
GWF1912	ELIA PL ceiling box kit 62X62
GWF1913	ELIA PL ceiling box kit 30X120
GWF1921	ELIA PL suspension kit 4 cables
GWF1922	ELIA PL kit with 4 flush-mounting springs
GWF1923	FLIA PL safety cable kit

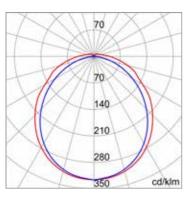


Watertight LED device for surface/ceiling mounting for lighting warehouses, covered car parks and industrial production areas



ELIA WL is a watertight LED device made from white-coloured polycarbonate with an opal diffusing shield, designed for lighting warehouses, covered car parks and industrial production areas. It is suitable for ceiling or surface mounting, thanks to the steel brackets on the back of the device. Available in two power versions, two lengths (1200 and 1500mm) and in stand-alone or feed-through wiring versions. Available with On/Off electronic power supply, colour temperature of 4,000 K (neutral white) and a colour rendering index of more than 80. ELIA WL has been designed to withstand temperature variations from -25°C to + 40°C, and offers protection from water and dust penetration of up to level IP66 and from shocks and impacts of up to level IK08. It is quick and easy to install thanks to the simple fixing system and the reduced weight of the device.

PHOTOMETRY



Opal

DIMENSIONS



IP 66

IK 08

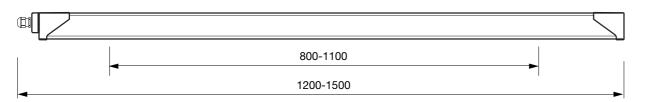
GWT **850°C**

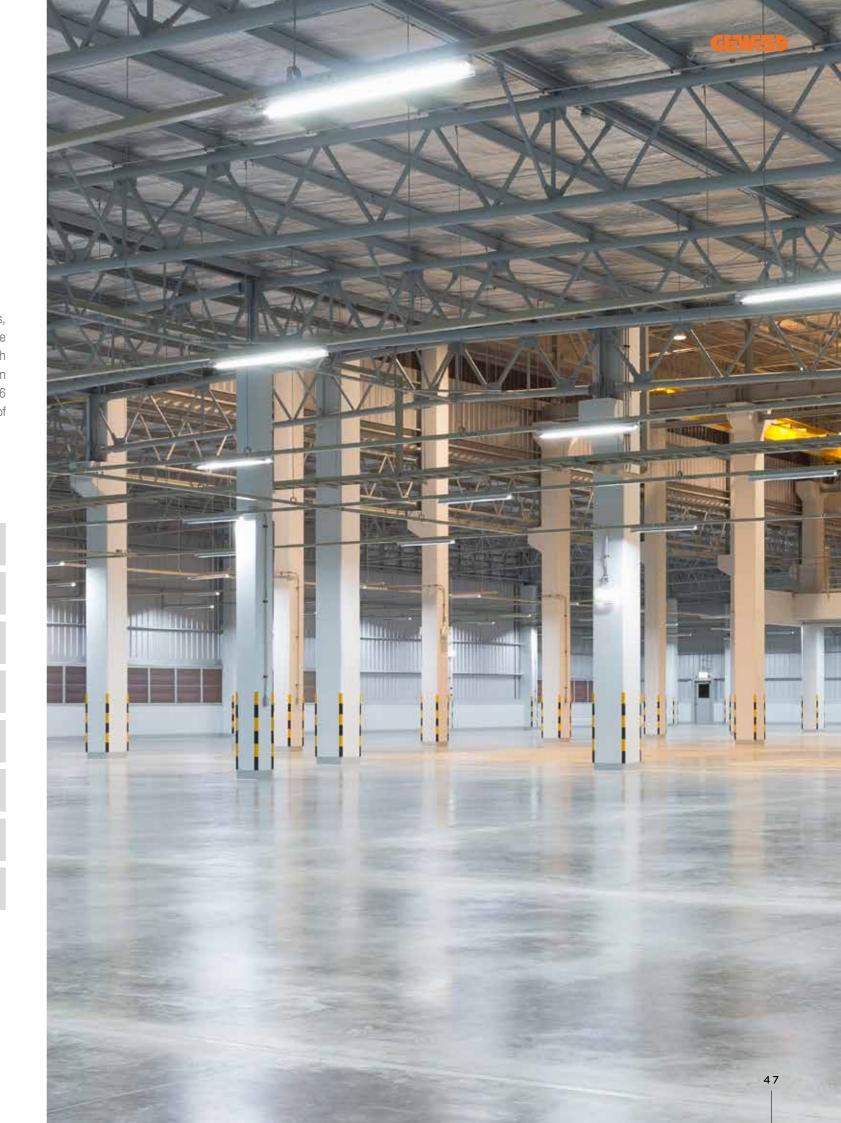
















Application	Internal
Colour	White
Lamp	Non-replaceable LED
Absorbed power	37W - 47W
Lifespan	L80 B50 (Tq25°) = 50,000h
Weight	Up to 2 Kg
Warranty	5 years
Operating temperature	-20° - +40°

OPTICAL AND TECHNICAL LIGHTING CHARACTERISTICS

Optic	Opal diffusing
Device luminous flux	Up to 5700lm
Light efficiency	Up to 122lm/W
Colour temperature	4000K
Colour rendering index	CRI 80
Chromatic tolerance	SDCM = 5
Photobiological class	RGO

MATERIALS

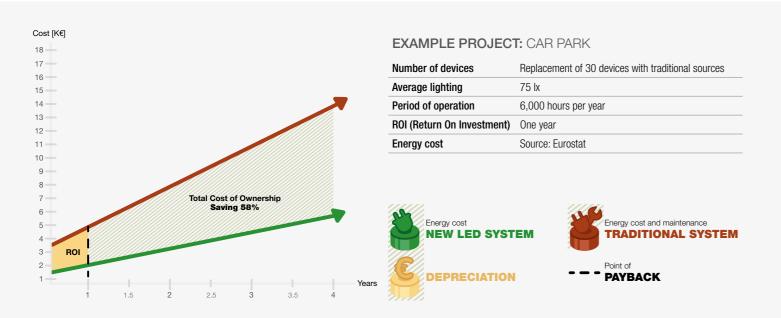
Body	PC
Optical group	PC
Colour finish	PC coloured

INSTALLATION AND MAINTENANCE

Type of installation and assembly	WALL/CEILING
Wiring	With terminal
Power supply compartment	Integrated

ELECTRICAL CHARACTERISTICS AND LIGHT MANAGEMENT

Supply voltage	220-240V			
Rated frequency	50/60 Hz			
Power supply	Included			
Control system	ON/OFF			



LIST OF CODES







_	Code	Optic	Colour rendering index (CRI)	Luminous flux (lm)	Size	Absorbed power (W)	Colour temperature (K)	Control system
	GWS2336P	Opal diffusing	CRI 80	4500	1200	37W	4,000K	ON/OFF
	GWS2358P	Opal diffusing	CRI 80	5700	1500	47W	4,000K	ON/OFF
-	GWS2336PL	Opal diffusing	CRI 80	4500	1200	37W	4,000K	ON/OFF
-	GW\$2358PL	Opal diffusing	CRI 80	5700	1500	47W	4,000K	ON/OFF
_	GW\$2336PE	Opal diffusing	CRI 80	4500	1200	42W	4,000K	Emergency
_	GWS2358PE	Opal diffusing	CRI 80	5700	1500	52W	4,000K	Emergency









GEWISS







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