



ELIA EL is a die-cast aluminum LED luminaire for ceiling or wall mounting, ideal for the lighting of exteriors and interiors such as: stairs, passageways, service rooms, simple and quick to install, with a clean line and essential. Designed in two different finishes (black and white), with opal diffuser in polycarbonate, color temperatures 3.000K, 4.000 K and 5.700 K and color rendering index higher than 80. ELIA EL is also available in the Emergency version with guaranteed flux for 3 hours of operation. It has been designed to withstand temperature variations from -20 °C to + 50 °C, water and dust penetration up to IP65 degree and shocks up to IK08 degree. Lightweight and handy ELIA EL is easy to install thanks to the quick connection terminal for the electrical wiring placed in the rear part and to the second cable outlet for pass-through wiring.

GENERAL INFORMATION

Context	Interior and exterior lighting
Luminaire	LED luminaire for diffuse light
Application	Indoor / Outdoor
Unique digital code (Datamatrix)	Currently not present
Colour	Black
Type of light source	LED
System power	18 W
LED Lifetime	L80B50 (Tq25°) = 50.000h
Weight (kg)	1.05

Warranty	5 years
Stocking temperature	-20° +65°
Operating temperature	-20° - +50°C

MATERIALS

Body	Die-cast aluminium
Shield type	Polycarbonate
Optic	Opalescent polycarbonate diffuser
Gasket	
Locking Hook	
External screw	
Colour	Powder coating

STANDARDS AND APPROVALS

Classification	
Device with reduced surface temperature	
DIN 18032-3 certification	Not available
IPEA	Green Areas A
Insulation class	I
IP degree	IP65
Mechanical resistance	IK08
Glow Wire Test	750 °C

OPTIC AND ILLUMINATING FEATURES

Optic	Wide opal
Unified Glare Rating	UGR ≤ 25
Lumen output (lm)	1650
Efficacy (lm/W)	92
Colour temperature	4000 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	RG0
Standard	EN 60598-1; EN 60598-2-1; IEC/TR 62778; EN 62493

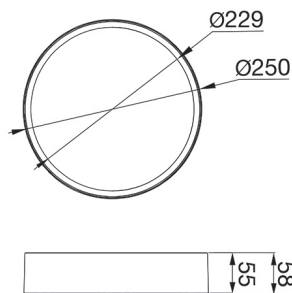
ELETRICAL AND LIGHTING FEATURES

Supply voltage	220-240 V
Rated frequency (Hz)	50/60 Hz
Driver	Built-in
Driver failure rate	F025 (Tq=25°C) = 50.000 h
Overvoltage protection	DM 0,5KV / CM 1KV
Control System	ON / OFF

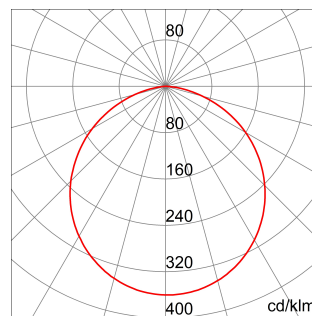
INSTALLATION AND MAINTENANCE

Mounting and installation	Wall and ceiling
Tilt	
Wiring	With connection terminal
Fixing	Via stainless steel support
Light source replaceability	Non-replaceable
Controlgear replaceability	Non-replaceable
Driver Box	Built-in
Maximum surface exposed to the wind	

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP65

IK
IK08

GWT
750 °C

STANDARDS/APPROVALS



Data, measures, designs and pictures are for information purpose only, last update 14/05/2024. They can be changed at any moment, therefore it is always recommended to read the last updated version published on the website www.gewiss.com. Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at <https://www.gewiss.com/it/en/company/landingpage/led-warranty>. - 1 of 1