

### ELIA EL



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
Toepassing	Binnenshuis / buitenshuis
Unique digital code (Datamatrix)	Currently not present
Kleur	Zwart
Type lichtbron	LED
System vermogen	18 W
LED Lifetime	L80B50 (Tq25°) = 50.000h
Gewicht (kg)	1.05
Garantie	5 jaar
Opslagtemperatuur	-20° +65°

#### OPTIC AND ILLUMINATING FEATURES

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

Operating temperature -20° - +50°C

#### ELETRICAL AND LIGHTING FEATURES

Voedings-spanning	220-240 V
Nominale frequentie (Hz)	50/60 Hz
Driver	Ingebouwd

#### MATERIALS

Body	Gietaluminium
Type plaat	Polycarbonate
Optic	Opalescent polycarbonate diffuser
Gasket	-
Locking Hook	-
External screw	-
Colour	Powder coating

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
Bevestiging	Via stainless steel support
Light source replaceability	Non-replaceable
Controlgear replaceability	Non-replaceable

#### STANDARDS AND APPROVALS

Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	Not available
IPEA	Green Areas A
Isolatie-klasse	I
IP-graad	IP65
Stootbestendigheid	IK08
Glow Wire Test	750 °C

Driver Box Ingebouwd

Maximum surface exposed to the wind -

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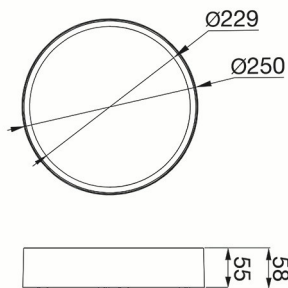
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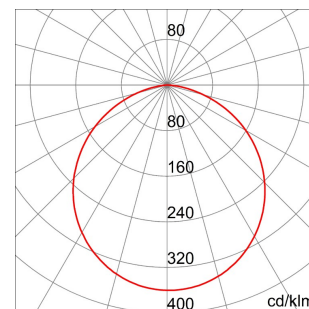
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### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



ELIA EL

### TECHNICAL SYMBOLOGY



**IP**  
IP65

**IK**  
IK08

**GWT**  
750 °C

### STANDARDS/APPROVALS

**UK  
CA**

