



ELIA BL is a die-cast aluminum luminaire for ground mounting, ideal for bollard lighting in residential areas and passageways. Designed in two different sizes (500mm and 700mm) with opal diffusing polycarbonate diffuser with double high and low emission) to create a comfortable atmosphere, color temperatures 3,000K, 4,000K and 5,700K and a color rendering index greater than 80. It has been designed to withstand temperature variations from -20 ° C to + 45 ° C, water and dust penetration up to IP65 degree and shocks up to IK08 degree. ELIA BL is easy to install thanks to the ground anchoring system with 4 blocking plugs.

### GENERAL INFORMATION

Context	Outdoor architectural lighting
Luminaire	LED luminaire for external lighting
Application	External
Unique digital code (Datamatrix)	Currently not present
Colour	Black
Type of light source	LED
System power	8 W
LED Lifetime	L80B50 (Tq25°) = 50.000h
Weight (kg)	1.72

Warranty	5 years
Stocking temperature	-20° +65°
Operating temperature	-20° +45°

### MATERIALS

Body	Die-cast aluminium
Shield type	Polycarbonate
Optic	Bi-emission polycarbonate diffuser
Gasket	-
Locking Hook	-
External screw	Stainless steel
Colour	Powder coating

### STANDARDS AND APPROVALS

Classification	-
Device with reduced surface temperature	-
DIN 18032-3 certification	Not available
IPEA	Green Areas B
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)	680
Efficacy (lm/W)	85
Colour temperature	5700 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

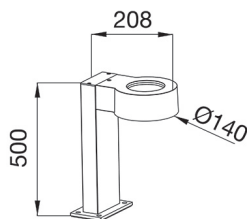
### ELETRICAL AND LIGHTING FEATURES

Supply voltage	100-240 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

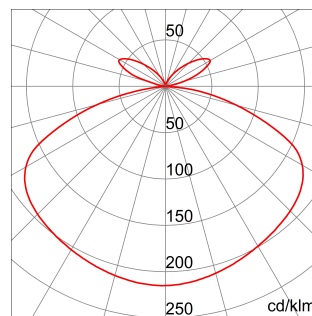
### INSTALLATION AND MAINTENANCE

Mounting and installation	Earth
Tilt	-
Wiring	With power cable
Fixing	Ground anchorage using 4 expansion plugs
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

