

ELIA BL



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
Toepassing	Extern
Unique digital code (Datamatrix)	Currently not present
Kleur	Zwart
Type lichtbron	LED
System vermogen	8 W
LED Lifetime	L80B50 (Tq25°) = 50.000h
Gewicht (kg)	1.72
Garantie	5 jaar
Opslagtemperatuur	-20° +65°
Operating temperature	-20° +45°

OPTIC AND ILLUMINATING FEATURES

Optiek	Wide opal
Unified Glare Rating	UGR ≤ 25
Lumen-vermogen (lm)	680
Efficacy (lm/W)	85
Kleur temperatuur	5700 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

ELETRICAL AND LIGHTING FEATURES

Voedings-spanning	100-240 V
Nominale frequentie (Hz)	50/60 Hz

MATERIALS

Body	Gietaluminium -
Type plaat	Polycarbonate
Optic	Bi-emission polycarbonate diffuser
Gasket	-
Locking Hook	-
External screw	Stainless steel
Colour	Powder coating

Driver	Ingebouwd
Driver failure rate	F025 (Tq=25°C) = 50.000 h
Overvoltage protection	DM 0,5KV / CM 1KV
Control System	ON / OFF

INSTALLATION AND MAINTENANCE

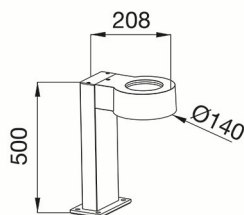
Mounting and installation	Earth
Tilt	-
Wiring	With power cable
Bevestiging	Ground anchorage using 4 expansion plugs

STANDARDS AND APPROVALS

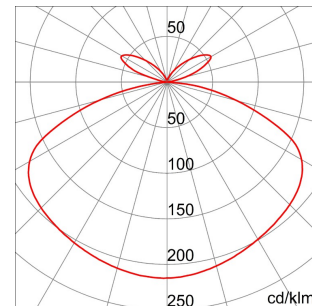
Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	Not available
IPEA	Green Areas B
Isolatie-klasse	I
IP-graad	IP65
Stootbestendigheid	IK08
Glow Wire Test	750 °C

Light souce replaceability	Non-replaceable
Controlgear replaceability	Non-replaceable
Driver Box	Ingebouwd
Maximum surface exposed to the wind	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



ELIA BL

TECHNICAL SYMBOLOGY



IP
IP65

IK
IK08

GWT
750 °C

STANDARDS/APPROVALS

