Product Data Sheet

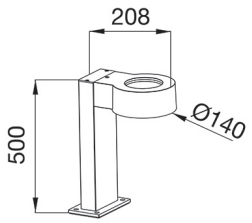
GWF2300LR857

ELIA BL - Bollard LED

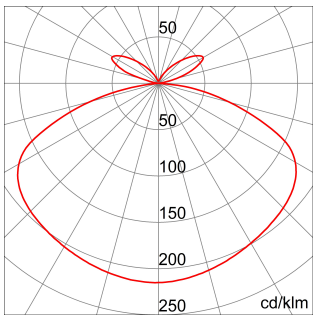
ELIA BL is a die-cast aluminum luminaire for ground mounting, ideal for bollard lighting in residential areas and passageways. Designed in two different sizes (500mm and 700mm) with opal diffusing polycarbonate diffuser with double high and low emission) to create a comfortable atmosphere, color temperatures 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	-	**OPTIC AND ILLUMINATING FEATURES**	-
Context	Outdoor architectural lighting	Optic	Wide opal
Luminaire	LED luminaire for external lighting	Unified Glare Rating	UGR ≤ 25
Application	External	Lumen output (lm)	680
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	85
Colour	Black	Colour temperature	5700 K
Type of light source	LED	Colour Rendering Index	CRI 80
System power	8 W	Standard Deviation Colour Matching	SDCM = 5
LED Lifetime	L80B50 (Tq25°) = 50.000h	Photobiological Risk Class	RG0
Weight (kg)	1.72	Standard	EN 60598-1; EN 60598-2-1; IEC/TR 62778; EN 62493
Warranty	5 years	**ELETRICAL AND LIGHTING FEATURES**	-
Stocking temperature	-20° +65°	Supply voltage	100-240 V
Operating temperature	-20° +45°	Rated frequency (Hz)	50/60 Hz
MATERIALS	-	Driver	Built-in
Body	Die-cast aluminium -	Driver failure rate	F025 (Tq=25°C) = 50.000 h
Shield type	Polycarbonate	Overvoltage protection	DM 0,5KV / CM 1KV
Optic	Bi-emission polycarbonate diffuser	Control System	ON / OFF
Gasket	-	**INSTALLATION AND MAINTENANCE**	-
Locking Hook	-	Mounting and installation	Earth
External screw	Stainless steel	Tilt	-
Colour	Powder coating	Wiring	With power cable
STANDARDS AND APPROVALS	-	Fixing	Ground anchorage using 4 expansion plugs
Classification	-	Light souce replaceability	Non-replaceable
Device with reduced surface temperature	-	Controlgear replaceability	Non-replaceable
DIN 18032-3 certification	Not available	Driver Box	Built-in
IPEA	Green Areas B	Maximum surface exposed to the wind	-
Insulation class	I		-
IP degree	IP65		-
Mechanical resistance	IK08		-
Glow Wire Test	750 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY

IP	IK	GWT
IP65	IK08	750 °C

STANDARDS/APPROVALS

Data, measures, designs and pictures are for information purpose only, last update 26/04/2024. They can be changed at any moment, therefore it is always ecommended 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