

# Product Data Sheet

## GWF2300PR830

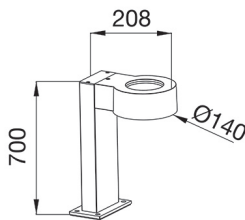
ELIA BL



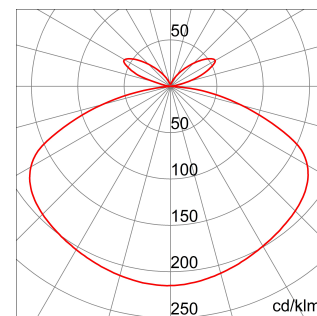
ELIA BL is a die-cast aluminum luminaire for ground mounting, ideal for bollard lighting in residential areas and passageways. Designed in two different sizes (500mm and 700mm) with opal diffusing polycarbonate diffuser with double high and low emission) to create a comfortable atmosphere, color temperatures 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		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)	650
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	81
Colour	Black	Colour temperature	3000 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)	2.15	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	-	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**  
IP65

**IK**  
IK08

**GWT**  
750 °C

### STANDARDS/APPROVALS



Data, measures, designs and pictures are for information purpose only, last update 20/04/2023. 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](http://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