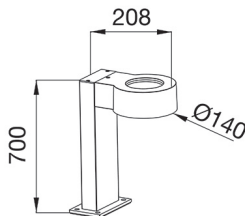




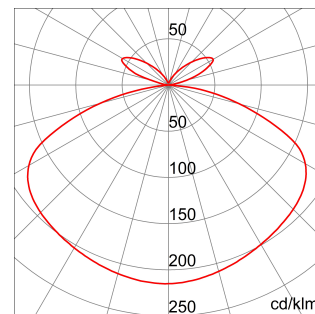
ELIA BL is a die-cast aluminum luminaire for ground mounting, ideal for bollard lighting in residential areas and passageways. Designed in two different sizes (500mm and 700mm) with opal diffusing polycarbonate diffuser with double high and low emission) to create a comfortable atmosphere, color temperatures 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	4000 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°	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 source 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**  
IP65

**IK**  
IK08

**GWT**  
750 °C



Product Data Sheet  
**GWF2300PR840**

ELIA BL - Bollard LED

STANDARDS/APPROVALS

