

Product Data Sheet

GWF2300LR840

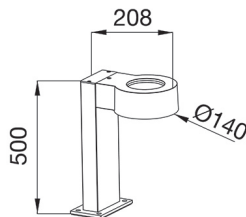
ELIA BL



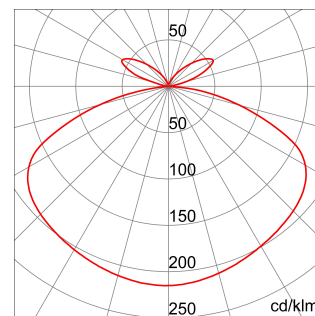
ELIA BL is a die-cast aluminum luminaire for ground mounting, ideal for bollard lighting in residential areas and passageways. Designed in two different sizes (500mm and 700mm) with opal diffusing polycarbonate diffuser with double high and low emission) to create a comfortable atmosphere, color temperatures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

IK
IK08

GWT
750 °C

STANDARDS/APPROVALS



Data, measures, designs and pictures are for information purpose only, last update 13/11/2024. 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. 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