



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 |
| Application                      | External                            |
| Unique digital code (Datamatrix) | Currently not present               |
| Colour                           | Black                               |
| Type of light source             | LED                                 |
| System power                     | 8 W                                 |
| LED Lifetime                     | L80B50 (Tq25°) = 50.000h            |
| Weight (kg)                      | 1.72                                |

|                       |           |
|-----------------------|-----------|
| Warranty              | 5 years   |
| Stocking temperature  | -20° +65° |
| Operating temperature | -20° +45° |

### MATERIALS

|                |                                    |
|----------------|------------------------------------|
| Body           | Die-cast aluminium                 |
| Shield type    | Polycarbonate                      |
| Optic          | Bi-emission polycarbonate diffuser |
| Gasket         |                                    |
| Locking Hook   |                                    |
| External screw | Stainless steel                    |
| Colour         | Powder coating                     |

### STANDARDS AND APPROVALS

|   |               |
|---|---------------|
| Classification                          |               |
| Device with reduced surface temperature |               |
| DIN 18032-3 certification               | Not available |
| IPEA                                    | Green Areas B |
| Insulation class                        | I             |
| IP degree                               | IP65          |
| Mechanical resistance                   | IK08          |
| Glow Wire Test                          | 750 °C        |

### OPTIC AND ILLUMINATING FEATURES

|                                    |  |
|------------------------------------|--|
| Optic                              | Wide opal  |
| Unified Glare Rating               | UGR ≤ 25   |
| Lumen output (lm)                  | 650  |
| Efficacy (lm/W)                    | 81   |
| Colour temperature                 | 4000 K   |
| Colour Rendering Index             | CRI 80   |
| Standard Deviation Colour Matching | SDCM = 5   |
| Photobiological Risk Class         | RG0  |
| Standard                           | EN 60598-1; EN 60598-2-1; IEC/TR 62778; EN 62493 |

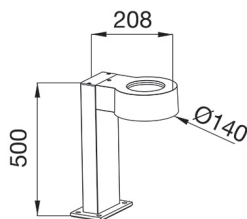
### ELETRICAL AND LIGHTING FEATURES

|                        |                           |
|------------------------|---------------------------|
| Supply voltage         | 100-240 V                 |
| Rated frequency (Hz)   | 50/60 Hz                  |
| Driver                 | Built-in                  |
| Driver failure rate    | F025 (Tq=25°C) = 50.000 h |
| Overvoltage protection | DM 0,5KV / CM 1KV         |
| Control System         | ON / OFF                  |

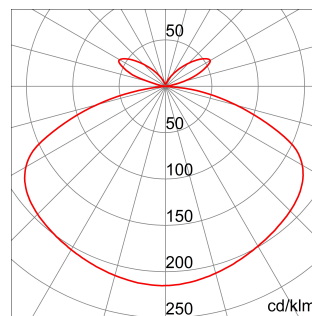
### INSTALLATION AND MAINTENANCE

|                                     |  |
|-------------------------------------|--|
| Mounting and installation           | Earth                                    |
| Tilt                                |  |
| Wiring                              | With power cable                         |
| Fixing                              | Ground anchorage using 4 expansion plugs |
| Light source replaceability         | Non-replaceable                          |
| Controlgear replaceability          | Non-replaceable                          |
| Driver Box                          | Built-in                                 |
| Maximum surface exposed to the wind |  |

### 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 29/04/2024. 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](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