



ELIA WL is a watertight LED device made from white-coloured polycarbonate with an opal diffusing shield, designed for lighting warehouses, covered car parks and industrial production areas. It is suitable for ceiling or surface mounting, thanks to the steel brackets on the back of the device. Available in two power versions, two lengths (1200 and 1500mm) and in stand-alone or feed-through wiring versions. Available with On/Off electronic power supply, colour temperature of 4,000 K (neutral white) and a colour rendering index of more than 80. ELIA WL has been designed to withstand temperature variations from -25°C to + 40°C, and offers protection from water and dust penetration of up to level IP66 and from shocks and impacts of up to level IK08. It is quick and easy to install thanks to the simple fixing system and the reduced weight of the device.

GENERAL INFORMATION

| | |
|----------------------------------|--|
| Context | Lighting of warehouses, indoor parking and industrial production rooms |
| Luminaire | LED luminaire with high lumen power |
| Application | Internal |
| Unique digital code (Datamatrix) | Currently not present |

| | |
|-----------------------|---------------------------|
| Colour | White |
| Type of light source | LED |
| System power | 37 W |
| LED Lifetime | L80 B50 (Tq25°) = 54.000h |
| Weight (kg) | 1.7 |
| Warranty | 5 years |
| Stocking temperature | - |
| Operating temperature | -25 +40 °C |

MATERIALS

| | |
|----------------|---------------|
| Body | Polycarbonate |
| Shield type | Polycarbonate |
| Optic | - |
| Gasket | - |
| Locking Hook | - |
| External screw | - |
| Colour | PC coloured |

STANDARDS AND APPROVALS

| | |
|---|-----------|
| Classification | - |
| Device with reduced surface temperature | Complying |
| DIN 18032-3 certification | - |
| IPEA | - |
| Insulation class | I |
| IP degree | IP66 |
| Mechanical resistance | IK08 |
| Glow Wire Test | 850 °C |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|-----------|
| Optic | Wide opal |
| Unified Glare Rating | - |
| Lumen output (lm) | 4500 |
| Efficiency (lm/W) | 79 |
| Colour temperature | 4000 K |
| Color Rendering Index | CRI>80 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | RG0 |

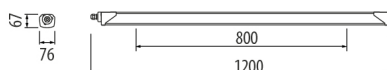
ELECTRICAL AND LIGHTING FEATURES

| | |
|------------------------|------------------------|
| Supply voltage | 220 - 240 V |
| Rated frequency (Hz) | 50 / 60 |
| Driver | Included |
| Driver failure rate | F05 = 50.000h Tq 25°C |
| Overvoltage protection | - |
| Control System | Stand Alone - On / Off |

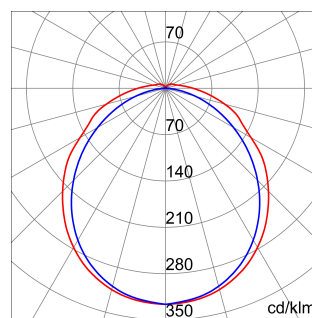
INSTALLATION AND MAINTENANCE

| | |
|-------------------------------------|-------------------------------------|
| Mounting and installation | Ceiling - Wallmounting - Suspension |
| Tilt | - |
| Wiring | Cable gland with terminal |
| Fixing | - |
| Light source replaceability | Not available-- |
| Controlgear replaceability | Not available-- |
| Driver Box | Built-in |
| Maximum surface exposed to the wind | - |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP66

IK

IK08

GWT

850 °C

STANDARDS/APPROVALS

