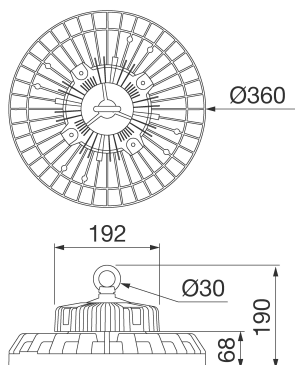




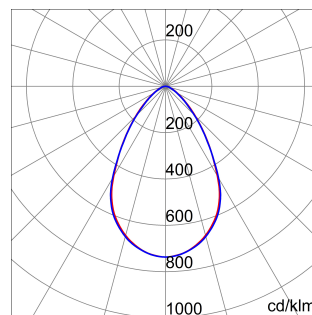
ELIA HL is an LED highbay designed for indoor industrial, logistics and tertiary applications, where efficiency, high luminous output, precision and resistance are required. Available in 3 power steps (120 W, 150 W and 200 W) with a standard colour temperature of 4,000 K (neutral white) and a colour rendering index of 80, the range allows for great flexibility with its multiple possible combinations: 3 optics options (60°, 90° and 120° beam angles in polycarbonate lenses) and 2 integrated power supply options (On/Off and DALI). The luminaire can be suspension-mounted through the hook attachment integrated into the upper part of the device, and thanks to its black powder-coated die-cast aluminium body with incorporated heatsink, it is tough, durable (IP65 and IK08) and able to withstand harsh environmental conditions (such as ambient temperature variations from -30°C to +50°C).

| GENERAL INFORMATION | | OPTIC AND ILLUMINATING FEATURES | |
|---|---------------------------------|-------------------------------------|--|
| Context | Industry and logistics lighting | Optic | 60° |
| Luminaire | High-power LED luminaire | Unified Glare Rating | - |
| Application | Internal | Lumen output (lm) | 17900 |
| Unique digital code (Datamatrix) | Currently not present | Efficacy (lm/W) | 149 |
| Colour | Black | Colour temperature | 4000 K |
| Type of light source | LED | Colour Rendering Index | CRI 80 |
| System power | 120 W | Standard Deviation Colour Matching | SDCM = 5 |
| LED Lifetime | L80B50 (Tq=25°C) > 100.000 h | Photobiological Risk Class | RG0 |
| Weight (kg) | 4.4 | Standard | EN 60598-1; IEC/TR 62778; EN 62493 |
| Warranty | 5 years | ELECTRICAL AND LIGHTING FEATURES | |
| Stocking temperature | -40° +85° | Supply voltage | 220-240 V |
| Operating temperature | -30° +50° | Rated frequency (Hz) | 50/60 Hz |
| MATERIALS | | Driver | Built-in |
| Body | Die-cast aluminium | Driver failure rate | F10 (Tq=25°C) = 70.000 h |
| Shield type | - | Overvoltage protection | DM 4 kV/ CM 4 kV |
| Optic | Polycarbonate lens | Control System | DALI |
| Gasket | - | INSTALLATION AND MAINTENANCE | |
| Locking Hook | - | Mounting and installation | Hanging |
| External screw | Stainless steel | Tilt | - |
| Colour | Powder coating | Wiring | With power cable |
| STANDARDS AND APPROVALS | | Fixing | Via hoist ring at the top of the luminaire |
| Classification | - | Light source replaceability | Non-replaceable |
| Device with reduced surface temperature | - | Controlgear replaceability | By professional |
| DIN 18032-3 certification | Not available | Driver Box | - |
| IPEA | - | 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

