



ELIA PL is a LED lowbay for lighting offices, available in square or rectangular versions with a frame in white powder-coated die-cast aluminium and two types of PMMA shield, a high-efficiency micro-prism version with a UGR of less than 19 and an opal version with an UGR of 22. ELIA PL can be flush-mounted in false ceilings with standard panels, or alternatively, can be ceiling or suspension-mounted using the accessories provided separately. The family of products is available with a colour temperature of 3,000K (warm white) or 4,000K (neutral white), a colour rendering index of more than 80 or more than 90 and a separate electronic power supply supplied as part of a kit, in On/Off or DALI versions. ELIA PL is easy to install thanks to the reduced weight of the device and the connector for electrical wiring which enables connection to the remote power supply.

GENERAL INFORMATION

| | |
|----------------------------------|--------------------------|
| Context | Interior lighting |
| Luminaire | Modular LED luminaire |
| Application | Internal |
| Unique digital code (Datamatrix) | Currently not present |
| Colour | White |
| Type of light source | LED |
| System power | 33 W |
| LED Lifetime | L80B50 (Tq25°) = 50.000h |
| Weight (kg) | 2.6 |
| Warranty | 5 years |
| Stocking temperature | -20° +65° |
| Operating temperature | -20° +45° |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|--|
| Optic | Wide opal |
| Unified Glare Rating | UGR<22 |
| Lumen output (lm) | 3300 |
| Efficacy (lm/W) | 100 |
| Colour temperature | 3000 K |
| Colour Rendering Index | CRI 90 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | RG0 |
| Standard | EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493 |

MATERIALS

| | |
|--------------|------------------------------------|
| Body | Aluminium |
| Shield type | PMMA |
| Optic | High-diffusion opalescent diffuser |
| Gasket | - |
| Locking Hook | - |

ELETRICAL AND LIGHTING FEATURES

| | |
|------------------------|---------------------------|
| Supply voltage | 220-240 V |
| Rated frequency (Hz) | 50 / 60 |
| Driver | External - Included |
| Driver failure rate | F025 (Tq=25°C) = 50.000 h |
| Overvoltage protection | DM 1 kV |
| Control System | DALI |

INSTALLATION AND MAINTENANCE

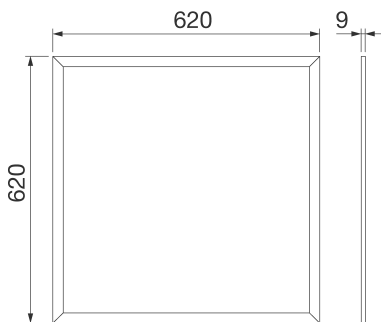
| | |
|---------------------------|--|
| Mounting and installation | Flush (ceiling-mounted and hanging require separately ordered accessories) |
| Tilt | With suspension adjustment Kit |
| Wiring | With connection terminal on driver |
| Fixing | Free-standing or via separately ordered accessories |

STANDARDS AND APPROVALS

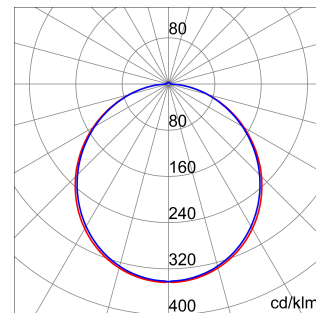
| | |
|---|---------------|
| Classification | - |
| Device with reduced surface temperature | - |
| DIN 18032-3 certification | Not available |
| IPEA | - |
| Insulation class | II |
| IP degree | IP20 - IP40 |
| Mechanical resistance | IK03 |
| Glow Wire Test | 650 °C |

| | |
|-------------------------------------|-----------------|
| Light source replaceability | Non-replaceable |
| Controlgear replaceability | By professional |
| Driver Box | - |
| Maximum surface exposed to the wind | - |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP20 - IP40

IK

IK03

GWT

650 °C



Product Data Sheet
GWF1611NA930

ELIA PL

STANDARDS/APPROVALS

