



ELIA PL Backlit is a modular recessed LED luminaire for indoor lighting applications. Thanks to its superior energy efficiency, it is the ideal solution for a fast return on investment in the replacement of traditional lighting systems. Available in 3 different sizes (300 x 1200 mm, 600 x 600 mm and 620 x 620 mm), it is suitable for flush-mounting in modular ceilings and can alternatively be ceiling or suspension-mounted using dedicated accessories (to be ordered separately). The range allows for great flexibility with its multiple possible combinations of colour temperatures and control systems: it can be ordered in 3,000 K (warm white) or 4,000 K (neutral white), both with a colour rendering index (CRI) of 80; and with an On/Off or DALI external power supply (included with the product). The luminaire is equipped with an opal diffuser with UGR lower than 22, and it is easy to install thanks to its reduced weight and its quick coupling connector for fast electrical wiring.

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 | 25 W |
| LED Lifetime | L80B50 (Tq25°) = 50.000h |
| Weight (kg) | 1.82 |

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

MATERIALS

| | |
|--------------|------------------------------------|
| Body | Cold rolled steel |
| Shield type | Polystyrene |
| Optic | High-diffusion opalescent diffuser |
| Gasket | - |
| Locking Hook | - |

| | |
|----------------|----------------|
| External screw | - |
| Colour | Powder coating |

STANDARDS AND APPROVALS

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

OPTIC AND ILLUMINATING FEATURES

| | |
|----------------------|-----------|
| Optic | Wide opal |
| Unified Glare Rating | UGR < 22 |
| Lumen output (lm) | 3300 |
| Efficacy (lm/W) | 132 |

| | |
|------------------------------------|--|
| Colour temperature | 4000 K |
| Colour Rendering Index | CRI 80 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | RG0 |
| Standard | EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493 |

ELETRICAL AND LIGHTING FEATURES

| | |
|----------------------|---------------------------|
| Supply voltage | 220-240 V |
| Rated frequency (Hz) | 50/60 Hz |
| Driver | External - Included |
| Driver failure rate | F025 (Tq=25°C) = 50.000 h |

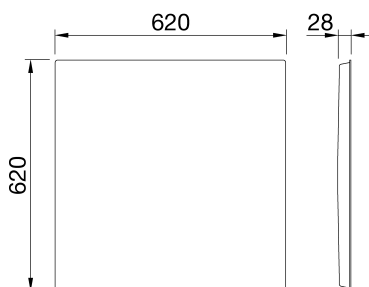
| | |
|------------------------|---------|
| Overvoltage protection | DM 1 kV |
| Control System | DALI |

INSTALLATION AND MAINTENANCE

| | |
|---------------------------|---|
| Mounting and installation | Recessed (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 |

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

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION

TECHNICAL SYMBOLOGY



IP

IP40

IK

IK03

GWT

650 °C



Product Data Sheet
GWF1611NT840

ELIA PL Backlit

STANDARDS/APPROVALS

