

# Product Data Sheet

## GWF1611NT830

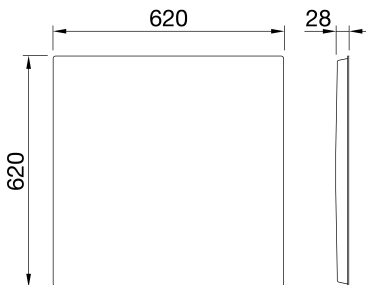
ELIA PL Backlit



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                     |                                    | OPTIC AND ILLUMINATING FEATURES     |   |
|---|------------------------------------|-------------------------------------|---|
| Context                                 | Interior lighting                  | Optic                               | Wide opal   |
| Luminaire                               | Modular LED luminaire              | Unified Glare Rating                | UGR < 22  |
| Application                             | Internal                           | Lumen output (lm)                   | 3000  |
| Unique digital code (Datamatrix)        | Currently not present              | Efficacy (lm/W)                     | 120   |
| Colour                                  | White                              | Colour temperature                  | 3000 K  |
| Type of light source                    | LED                                | Colour Rendering Index              | CRI 80  |
| System power                            | 25 W                               | Standard Deviation Colour Matching  | SDCM = 3  |
| LED Lifetime                            | L80B50 (Tq25°) = 50.000h           | Photobiological Risk Class          | RG0   |
| Weight (kg)                             | 1.82                               | Standard                            | EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493                              |
| Warranty                                | 5 years                            | ELETRICAL AND LIGHTING FEATURES     |   |
| Stocking temperature                    | -20° +65°                          | Supply voltage                      | 220-240 V   |
| Operating temperature                   | -20° +45°                          | Rated frequency (Hz)                | 50/60 Hz  |
| MATERIALS                               |                                    | Driver                              | External - Included   |
| Body                                    | Cold rolled steel                  | Driver failure rate                 | F025 (Tq=25°C) = 50.000 h   |
| Shield type                             | Polystyrene                        | Overvoltage protection              | DM 1 kV   |
| Optic                                   | High-diffusion opalescent diffuser | Control System                      | DALI  |
| Gasket                                  | -                                  | INSTALLATION AND MAINTENANCE        |   |
| Locking Hook                            | -                                  | Mounting and installation           | Recessed (ceiling-mounted and hanging require separately ordered accessories) |
| External screw                          | -                                  | Tilt                                | With suspension adjustment Kit  |
| Colour                                  | Powder coating                     | Wiring                              | With connection terminal on driver  |
| STANDARDS AND APPROVALS                 |                                    | Fixing                              | Free-standing or via separately ordered accessories                           |
| Classification                          | -                                  | Light source replaceability         | Non-replaceable   |
| Device with reduced surface temperature | -                                  | Controlgear replaceability          | By professional   |
| DIN 18032-3 certification               | -                                  | Driver Box                          | -   |
| IPEA                                    | -                                  | Maximum surface exposed to the wind | -   |
| Insulation class                        | II                                 | -                                   | -   |
| IP degree                               | IP40                               | -                                   | -   |
| Mechanical resistance                   | IK03                               | -                                   | -   |
| Glow Wire Test                          | 650 °C                             | -                                   | -   |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION

### TECHNICAL SYMBOLOGY



**IP**  
IP40

**IK**  
IK03

**GWT**  
650 °C

Product Data Sheet  
**GWF1611NT830**

ELIA PL Backlit

STANDARDS/APPROVALS

