

# Product Data Sheet

## GWF1611NA840

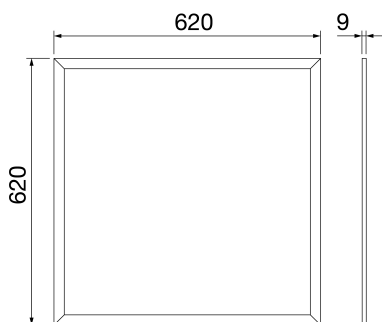
ELIA PL



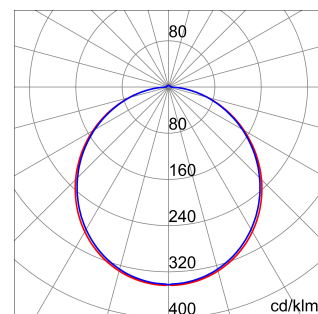
ELIA PL is a LED lowbay for lighting offices, available in square or rectangular versions with a frame in white powder-coated die-cast aluminium and two types of PMMA shield, a high-efficiency micro-prism version with a UGR of less than 19 and an opal version with an UGR of 22. ELIA PL can be flush-mounted 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                     |                                    | OPTIC AND ILLUMINATING FEATURES     |  |
|---|------------------------------------|-------------------------------------|--|
| Context                                 | Interior lighting                  | Optic                               | Wide opal  |
| Luminaire                               | Modular LED luminaire              | Unified Glare Rating                | UGR<22   |
| Application                             | Internal                           | Lumen output (lm)                   | 4300   |
| Unique digital code (Datamatrix)        | Currently not present              | Efficacy (lm/W)                     | 130  |
| Colour                                  | White                              | Colour temperature                  | 4000 K   |
| Type of light source                    | LED                                | Colour Rendering Index              | CRI 80   |
| System power                            | 33 W                               | Standard Deviation Colour Matching  | SDCM = 3   |
| LED Lifetime                            | L80B50 (Tq25°) = 50.000h           | Photobiological Risk Class          | RG0  |
| Weight (kg)                             | 2.6                                | 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  |
| MATERIALS                               |                                    | Driver                              | External - Included  |
| Body                                    | Aluminium                          | Driver failure rate                 | F025 (Tq=25°C) = 50.000 h  |
| Shield type                             | PMMA                               | Overtoltage protection              | DM 1 kV  |
| Optic                                   | High-diffusion opalescent diffuser | Control System                      | DALI   |
| Gasket                                  | -                                  | INSTALLATION AND MAINTENANCE        |  |
| Locking Hook                            | -                                  | Mounting and installation           | Flush (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 souce 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                               | IP20 - IP40                        | -                                   | -  |
| Mechanical resistance                   | IK03                               | -                                   | -  |
| Glow Wire Test                          | 650 °C                             | -                                   | -  |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY



**IP**  
IP20 - IP40

**IK**  
IK03

**GWT**  
650 °C

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STANDARDS/APPROVALS

