

# Product Data Sheet

## GWF1410GH830

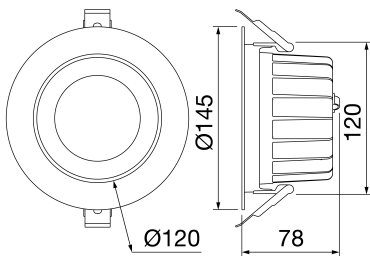
ELIA AL



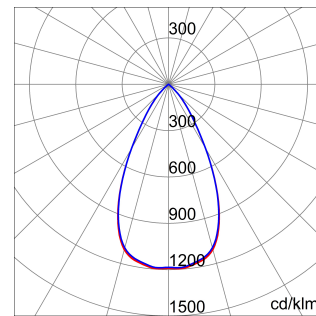
ELIA AL is a flush-mounting LED device for accent lighting in commercial areas and offices, composed of a white powder-coated die-cast aluminium frame and 2 different optics (36° and 60°) that guarantee a UGR of less than 19. The range is available in two sizes, with a colour temperature of 3,000K (warm white) or 4,000K (neutral white), a colour rendering index of more than 80 or more than 90 and the option of an electronic power supply with On/Off or DALI command. This modular flush-mounting solution features a rotosymmetrical optic equipped with a passive heat removal system, in die-cast aluminium. Installation is quick and easy, thanks to of the reduced weight of the device, the bayonet coupling and the simple wiring, with the connector located on the device and remote power supply included.

| GENERAL INFORMATION                     |                                | OPTIC AND ILLUMINATING FEATURES     |  |
|---|--------------------------------|-------------------------------------|--|
| Context                                 | Interior lighting              | Optic                               | 60°  |
| Luminaire                               | LED luminaire for accentuation | Unified Glare Rating                | UGR<19   |
| Application                             | Internal                       | Lumen output (lm)                   | 2000   |
| Unique digital code (Datamatrix)        | Currently not present          | Efficacy (lm/W)                     | 111  |
| Colour                                  | White                          | Colour temperature                  | 3000 K   |
| Type of light source                    | LED                            | Colour Rendering Index              | CRI 80   |
| System power                            | 18 W                           | Standard Deviation Colour Matching  | SDCM = 3   |
| LED Lifetime                            | L80B50 (Tq25°) = 50.000h       | Photobiological Risk Class          | RG0  |
| Weight (kg)                             | 0.5                            | 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                                    | Die-cast aluminium             | Driver failure rate                 | F025 (Tq=25°C) = 50.000 h                        |
| Shield type                             | -                              | Oversvoltage protection             | DM 0,5 kV  |
| Optic                                   | High-efficiency reflector      | Control System                      | ON / OFF   |
| Gasket                                  | -                              | INSTALLATION AND MAINTENANCE        |  |
| Locking Hook                            | -                              | Mounting and installation           | For flush-mounting                               |
| External screw                          | -                              | Tilt                                | -  |
| Colour                                  | Powder coating                 | Wiring                              | With connection terminal on driver               |
| STANDARDS AND APPROVALS                 |                                | Fixing                              | Via springs integrated with the luminaire        |
| 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 - IP54                    | -                                   | -  |
| Mechanical resistance                   | IK06                           | -                                   | -  |
| Glow Wire Test                          | 850 °C                         | -                                   | -  |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY



**IP**  
IP40 - IP54

**IK**  
IK06

**GWT**  
850 °C

### STANDARDS/APPROVALS



Data, measures, designs and pictures are for information purpose only, last update 20/04/2023. They can be changed at any moment, therefore it is always recommended to read the last updated version published on the website [www.gewiss.com](http://www.gewiss.com). Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at <https://www.gewiss.com/it/en/company/landingpage/led-warranty>. - 1 of 1