

Product Data Sheet

GWF1410GH940

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

| | |
|----------------------------------|--------------------------------|
| Context | Interior lighting |
| Luminaire | LED luminaire for accentuation |
| Application | Internal |
| Unique digital code (Datamatrix) | Currently not present |
| Colour | White |
| Type of light source | LED |
| System power | 18 W |
| LED Lifetime | L80B50 (Tq25°) = 50.000h |
| Weight (kg) | 0.5 |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|--|
| Optic | 60° |
| Unified Glare Rating | UGR<19 |
| Lumen output (lm) | 1900 |
| Efficacy (lm/W) | 106 |
| Colour temperature | 4000 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 |

Warranty

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

ELECTRICAL 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 0,5 kV |
| Control System | ON / OFF |

MATERIALS

| | |
|----------------|---------------------------|
| Body | Die-cast aluminium |
| Shield type | - |
| Optic | High-efficiency reflector |
| Gasket | - |
| Locking Hook | - |
| External screw | - |
| Colour | Powder coating |

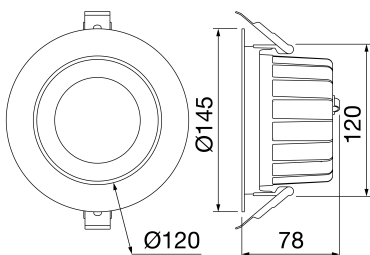
INSTALLATION AND MAINTENANCE

| | |
|-------------------------------------|---|
| Mounting and installation | For flush-mounting |
| Tilt | - |
| Wiring | With connection terminal on driver |
| Fixing | Via springs integrated with the luminaire |
| Light source replaceability | Non-replaceable |
| Controlgear replaceability | By professional |
| Driver Box | - |
| Maximum surface exposed to the wind | - |

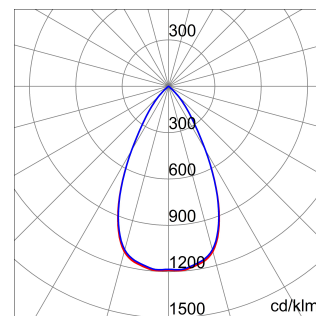
STANDARDS AND APPROVALS

| | |
|---|-------------|
| Classification | - |
| Device with reduced surface temperature | - |
| DIN 18032-3 certification | - |
| IPEA | - |
| 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. 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