

ELIA AL - Accent LED



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 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	Office
Luminaire	LED luminaire for accentuation
Application	Internal
Unique digital code (Datamatrix)	Currently not present
Colour	White
Type of light source	LED - Not replaceable
System power	25 W
LED Lifetime	L80B50 (Tq25°) = 50.000h
Weight (kg)	0.7
Warranty	5 years
Stocking temperature	-20° +65°
Operating temperature	-20° +45°

MATERIALS

Body	Die-cast aluminium
Shield type	-
Optic	With high efficiency optic system
Gasket	-
Locking Hook	-
External screw	-
Colour	Powder coating

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

OPTIC AND ILLUMINATING FEATURES

Optic	36°
Unified Glare Rating	UGR<19
Lumen output (lm)	2700
Efficiency (lm/W)	108
Colour temperature	4000 K
Color Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0

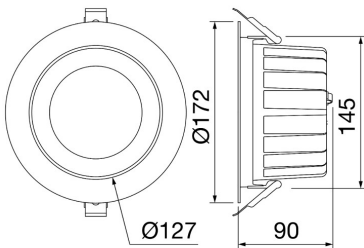
ELETRICAL AND LIGHTING FEATURES

Supply voltage	220-240 V
Rated frequency (Hz)	50 / 60
Driver	Included
Driver failure rate	F025 = 50.000h Tq 25°C
Overvoltage protection	Overvoltage protection 1kV
Control System	DALI

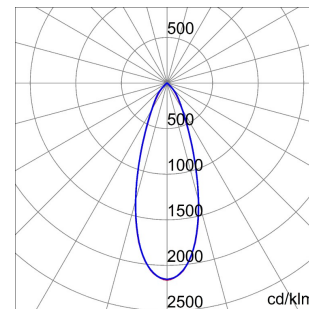
INSTALLATION AND MAINTENANCE

Mouting and installation	Modular flush-mounting
Tilt	-
Wiring	With connection terminal on driver
Fixing	-
Optic Maintenance	Not available
LED Maintenance	Not available
Driver Box	Independent driver unit
Maximum surface exposed to the wind	-

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 12/04/2021. 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 2



Product Data Sheet
GWF1411MG840

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