



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	Interior lighting
Luminaire	LED luminaire for accentuation
Toepassing	Intern
Unique digital code (Datamatrix)	Currently not present
Kleur	Wit
Type lichtbron	LED
System vermogen	18 W
LED Lifetime	L80B50 (Tq25°) = 50.000h
Gewicht (kg)	0.5
Garantie	5 jaar
Opslagtemperatuur	-20° +65°
Operating temperature	-20° +45°

OPTIC AND ILLUMINATING FEATURES

Optiek	60°
Unified Glare Rating	UGR<19
Lumen-vermogen (lm)	1800
Efficacy (lm/W)	100
Kleur temperatuur	3000 K
Colour Rendering Index	CRI 90
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Standaard	EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493

ELETRICAL AND LIGHTING FEATURES

Voedings-spanning	220-240 V
Nominale frequentie (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	Gietaluminium
Type plaat	-
Optic	High-efficiency reflector
Gasket	-
Locking Hook	-
External screw	-
Colour	Powder coating

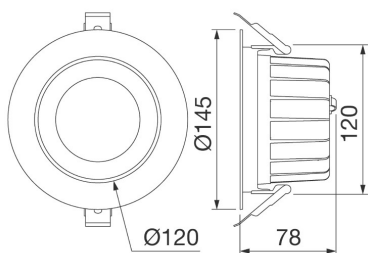
STANDARDS AND APPROVALS

Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	-
IPEA	-
Isolatie-klasse	II
IP-graad	IP40 - IP54
Stootbestendigheid	IK06
Glow Wire Test	850 °C

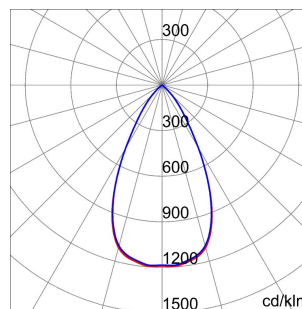
INSTALLATION AND MAINTENANCE

Mounting and installation	Voor inbouw-
Tilt	-
Wiring	With connection terminal on driver
Bevestiging	Via springs integrated with the luminaire
Light source replaceability	Non-replaceable
Controlgear replaceability	By professional
Driver Box	-
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 13/05/2024. 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>.