



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	36°
Unified Glare Rating	UGR<19
Lumen output (lm)	1700
Efficacy (lm/W)	94
Colour temperature	3000 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	5 years	<b>ELETRICAL AND LIGHTING FEATURES</b>	-
Stocking temperature	-20° +65°	Supply voltage	220-240 V
Operating temperature	-20° +45°	Rated frequency (Hz)	50 / 60

### MATERIALS

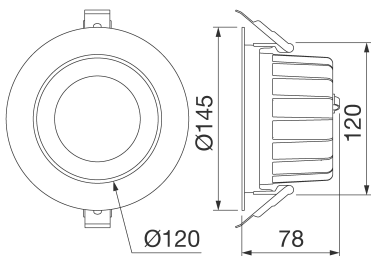
Body	Die-cast aluminium	Driver	External - Included
Shield type	-	Driver failure rate	F025 (Tq=25°C) = 50.000 h
Optic	High-efficiency reflector	Overvoltage protection	DM 0,5 kV
Gasket	-	Control System	ON / OFF

Locking Hook	-	<b>INSTALLATION AND MAINTENANCE</b>	-
External screw	-	Mounting and installation	For flush-mounting
Colour	Powder coating	Tilt	-
		Wiring	With connection terminal on driver
		Fixing	Via springs integrated with the luminaire

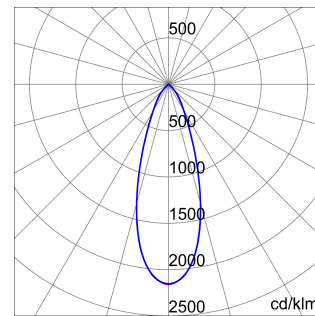
### STANDARDS AND APPROVALS

Classification	-	Light source replaceability	Non-replaceable
Device with reduced surface temperature	-	Controlgear replaceability	By professional
DIN 18032-3 certification	Not available	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

