

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 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	36°
Unified Glare Rating	UGR<19
Lumen-vermogen (lm)	2000
Efficacy (lm/W)	111
Kleur temperatuur	4000 K
Colour Rendering Index	CRI 80
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

MATERIALS

Body	Gietaluminium
Type plaat	
Optic	High-efficiency reflector
Gasket	
Locking Hook	
External screw	
Colour	Powder coating

Driver	External - Included
Driver failure rate	F025 (Tq=25°C) = 50.000 h
Overvoltage protection	DM 0,5 kV
Control System	ON / OFF

INSTALLATION AND MAINTENANCE

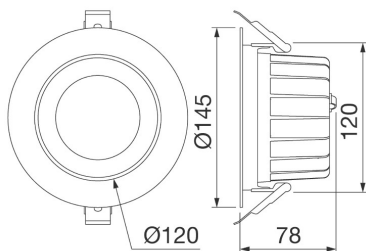
Mounting and installation	Voor inbouw-
Tilt	
Wiring	With connection terminal on driver
Bevestiging	Via springs integrated with the luminaire
Light source replaceability	Non-replaceable
Controlgear replaceability	By professional

STANDARDS AND APPROVALS

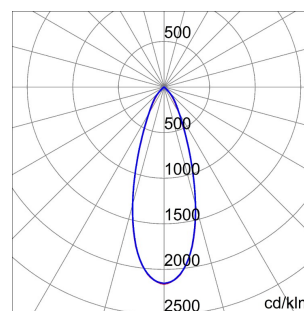
Classificering	
Toestel met verlaagde oppervlaktetemperatuur	
DIN 18032-3-certificering	
IPEA	
Isolatie-klasse	II
IP-graad	IP40 - IP54
Stoot-bestendigheid	IK06
Glow Wire Test	850 °C

Driver Box	
Maximum surface exposed to the wind	

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



ELIA AL

TECHNICAL SYMBOLOGY



IP
IP40 - IP54

IK
IK06

GWT
850 °C

STANDARDS/APPROVALS

UK
CA

