

### ELIA PL



ELIA PL is a LED lowbay for lighting offices, available in square or rectangular versions with a frame in white powder-coated die-cast aluminium and two types of PMMA shield, a high-efficiency micro-prism version with a UGR of less than 19 and an opal version with an UGR of 22. ELIA PL can be flush-mounted in false ceilings with standard panels, or alternatively, can be ceiling or suspension-mounted using the accessories provided separately. The family of products is available 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 a separate electronic power supply supplied as part of a kit, in On/Off or DALI versions. ELIA PL is easy to install thanks to the reduced weight of the device and the connector for electrical wiring which enables connection to the remote power supply.

#### GENERAL INFORMATION

Context	Interior lighting
Luminaire	Modular LED luminaire
Toepassing	Intern
Unique digital code (Datamatrix)	Currently not present
Kleur	Wit
Type lichtbron	LED
System vermogen	33 W
LED Lifetime	L80B50 (Tq25°) = 50.000h
Gewicht (kg)	2.6
Garantie	5 jaar
Opslagtemperatuur	-20° +65°

Operating temperature

-20° +45°

#### MATERIALS

Body	Aluminium
Type plaat	PMMA
Optic	High-efficiency microprism diffuser
Gasket	-
Locking Hook	-

External screw

Colour

Powder coating

#### STANDARDS AND APPROVALS

Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	Not available
IPEA	-
Isolatie-klasse	II
IP-graad	IP20 - IP40
Stoot-bestendigheid	IK03
Glow Wire Test	650 °C

#### OPTIC AND ILLUMINATING FEATURES

Optiek	Microprismatic
Unified Glare Rating	UGR<19
Lumen-vermogen (lm)	4300
Efficacy (lm/W)	130
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

Driver	External - Included
Driver failure rate	F025 (Tq=25°C) = 50.000 h
Overvoltage protection	DM 1 kV
Control System	ON / OFF

#### INSTALLATION AND MAINTENANCE

Mounting and installation	Recessed (ceiling-mounted and hanging require separately ordered accessories)
Tilt	With suspension adjustment Kit
Wiring	With connection terminal on driver
Bevestiging	Free-standing or via separately ordered accessories

Light source replaceability	Non-replaceable
Controlgear replaceability	By professional

Driver Box	-
Maximum surface exposed to the wind	-

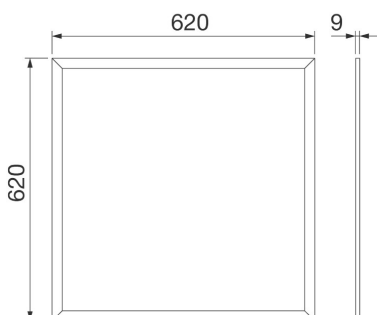
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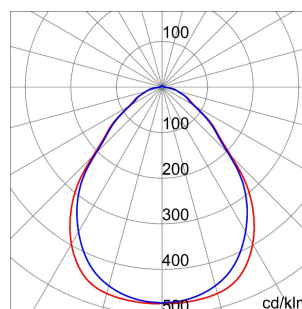
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#### DIMENSIONAL



#### PHOTOMETRIC DISTRIBUTION



ELIA PL

TECHNICAL SYMBOLOGY



**IP**  
IP20 - IP40

**IK**  
IK03

**GWT**  
650 °C

STANDARDS/APPROVALS

UK  
CA

