

ELIA PL - Panel LED



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	Illuminazione di interni
Luminaire	Apparecchio a LED modulare
Application	Internal
Unique digital code (Datamatrix)	Currently not present

Colour	White
Type of light source	LED
System power	33 W
LED Lifetime	L80B50 (Tq25°) = 50.000h
Weight (kg)	2.4

Warranty	5 years
Stocking temperature	-20° +65°
Operating temperature	-20° +45°

MATERIALS

Body	Aluminium
Shield type	PMMA
Optic	Diffusore opale diffondente
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	IP20 - IP40
Mechanical resistance	IK03
Glow Wire Test	650 °C

OPTIC AND ILLUMINATING FEATURES

Optic	Wide opal
Unified Glare Rating	UGR<22
Lumen output (lm)	3600
Efficiency (lm/W)	109
Colour temperature	4000 K
Color 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

ELETRICAL AND LIGHTING FEATURES

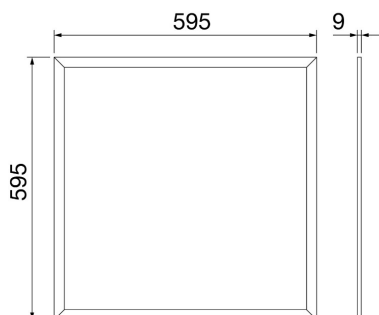
Supply voltage	220-240 V
Rated frequency (Hz)	50 / 60
Driver	Esterno - Incluso
Driver failure rate	F025 (Tq=25°C) = 50.000 h
Overvoltage protection	DM 1 kV
Control System	DALI

INSTALLATION AND MAINTENANCE

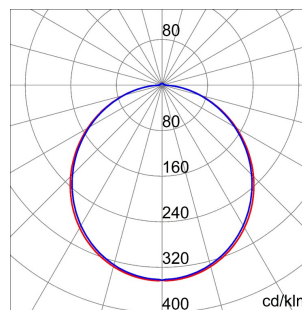
Mounting and installation	Ad incasso (a plafone e a sospensione tramite accessori ordinabili separatamente)
Tilt	With suspension adjustment Kit
Wiring	With connection terminal on driver
Fixing	Ad appoggio o tramite accessori ordinabili separatamente

Light source replaceability	Non-replaceable
Controlgear replaceability	By professional
Driver Box	-
Maximum surface exposed to the wind	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP20 - IP40

IK

IK03

GWT

650 °C

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STANDARDS/APPROVALS

