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 supplyto.

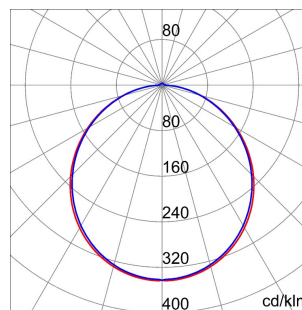| GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES	-
Context	Illuminazione di interni	Optic	Wide opal
Luminaire	Apparecchio a LED modulare	Unified Glare Rating	UGR<22
Application	Internal	Lumen output (lm)	3300
Unique digital code (Datamatrix)	Currently not present	Efficiency (lm/W)	100
Colour	White	Colour temperature	3000 K
Type of light source	LED	Color Rendering Index	CRI 90
System power	33 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L80B50 (Tq25°) = 50.000h	Photobiological Risk Class	RG0
Weight (kg)	2.6	Standard	EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493
Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	-
Stocking temperature	-20° +65°	Supply voltage	220-240 V
Operating temperature	-20° +45°	Rated frequency (Hz)	50 / 60
MATERIALS	-	Driver	Esterno - Incluso
Body	Aluminium	Driver failure rate	F025 (Tq=25°C) = 50.000 h
Shield type	PMMA	Overvoltage protection	DM 1 kV
Optic	Diffusore opale diffondente	Control System	ON / OFF
Gasket	-	INSTALLATION AND MAINTENANCE	-
Locking Hook	-	Mounting and installation	Ad incasso (a plafone e a sospensione tramite accessori ordinabili separatamente)
External screw	-	Tilt	With suspension adjustment Kit
Colour	Powder coating	Wiring	With connection terminal on driver
STANDARDS AND APPROVALS	-	Fixing	Ad appoggio o tramite accessori ordinabili separatamente
Classification	-	Light souce replaceability	Non-replaceable
Device with reduced surface temperature	-	Controlgear replaceability	By professional
DIN 18032-3 certification	-	Driver Box	-
IPEA	-	Maximum surface exposed to the wind	-
Insulation class	II		-
IP degree	IP20 - IP40		-
Mechanical resistance	IK03		-
Glow Wire Test	650 °C		-

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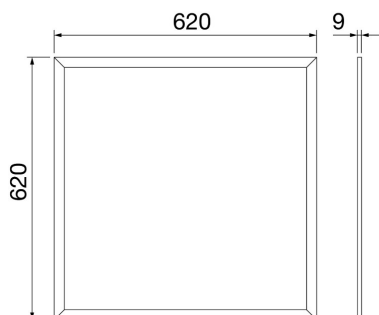
PHOTOMETRIC DISTRIBUTION

TECHNICAL SYMBOLOGY

	5 YEARS WARRANTY					IP	IK	GWT
					-	IP20 - IP40	IK03	650 °C

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STANDARDS/APPROVALS

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