

ELIA PL



ELIA PL IP65 is a modular recessed LED luminaire for indoor applications which require a high resistance against penetration of water and dust, such as high-humidity ambients and clean rooms. Available in 3 different sizes (300 x 1200 mm, 600 x 600 mm and 620 x 620 mm), it is suitable for flush-mounting in modular ceilings and can alternatively be ceiling or suspension-mounted using dedicated accessories (to be ordered separately). The range allows for great flexibility with its possible combinations of colour temperatures: it can be ordered in 3,000 K (warm white) or 4,000 K (neutral white), both with a colour rendering index (CRI) of 80. The luminaire is equipped with an opal diffuser with UGR lower than 22 and with an On/Off external power supply which is also IP65-rated (included with the product). Both sides of the luminaire are IP65 rated.

GENERAL INFORMATION

Context	High-humidity interiors
Luminaire	Modular LED luminaire
Zastosowanie	Wewnętrzny
Unique digital code (Datamatrix)	Currently not present
Kolor	Biały
Rodzaj źródła światła	LED
Moc	36 W
LED Lifetime	L80B50 (Tq25°) = 50.000h
Masa (kg)	3.43

OPTIC AND ILLUMINATING FEATURES

Optyka	Wide opal
Unified Glare Rating	UGR < 22
Moc z oprawy (lm)	3600
Efficacy (lm/W)	100
Temperatura Barwowa	4000 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM ≤ 6
Photobiological Risk Class	RG1
Norma	EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493

Gwarancja	5 lat
Temperatura przechowywania	-20° +65°
Operating temperature	-20° +45°

MATERIALS

Body	Aluminium
Typ osłony	PMMA + PS
Optic	High-diffusion opalescent diffuser
Gasket	-
Locking Hook	-

ELECTRICAL AND LIGHTING FEATURES

Zasilanie wyjściowe	200-240 V
Prąd częstotliwość (Hz)	50 - 60 Hz
Driver	External IP65 driver - Included
Driver failure rate	F025 (Tq=25°C) = 50.000 h
Overvoltage protection	DM 2 kV
Control System	ON / OFF

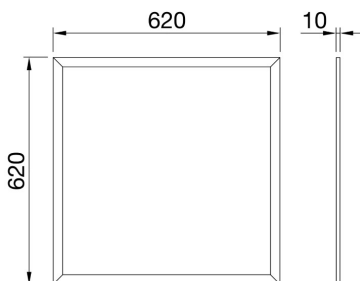
INSTALLATION AND MAINTENANCE

Mounting and installation	Recessed (ceiling-mounted and hanging require separately ordered accessories)
Tilt	With suspension adjustment Kit
Wiring	With power cable
Mocowanie	Free-standing or via separately ordered accessories
External screw	Stainless steel
Colour	Powder coating

STANDARDS AND APPROVALS

Klasyfikacja	-	Light source replaceability	Non-replaceable
Urządzenie z ograniczoną temperaturą powierzchni	-	Controlgear replaceability	By professional
Świadectwo wg DIN 18032-3	-	Driver Box	-
IPEA	-	Maksymalna powierzchnia wystawiona na działanie wiatru	-
Klasa Izolacji	II		-
Ochrona IP	IP65		-
Odporność na wstrząsy	IK03		-
Próba rozżarzonego drutem	650 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION

TECHNICAL SYMBOLOGY



IP
IP65

IK
IK03

GWT
650 °C

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STANDARDS/APPROVALS

