

Product Data Sheet

GWF1910LA840

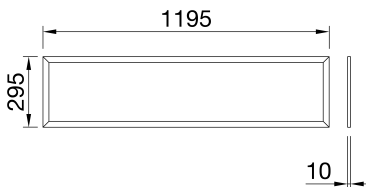
ELIA PL



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		- OPTIC AND ILLUMINATING FEATURES	
Context	High-humidity interiors and cleanroom lighting	Optic	Wide opal
Luminaire	Modular LED luminaire	Unified Glare Rating	UGR < 22
Application	Internal	Lumen output (lm)	3600
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	100
Colour	White	Colour temperature	4000 K
Type of light source	LED	Colour Rendering Index	CRI 80
System power	36 W	Standard Deviation Colour Matching	SDCM ≤ 6
LED Lifetime	L80B50 (Tq25°) = 50.000h	Photobiological Risk Class	RG1
Weight (kg)	3.31	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	200-240 V
Operating temperature	-20° +45°	Rated frequency (Hz)	50 - 60 Hz
MATERIALS		Driver	External IP65 driver - Included
Body	Aluminium	Driver failure rate	F025 (Tq=25°C) = 50.000 h
Shield type	PMMA + PS	Overvoltage protection	DM 2 kV
Optic	High-diffusion opalescent diffuser	Control System	ON / OFF
Gasket	-	INSTALLATION AND MAINTENANCE	
Locking Hook	-	Mounting and installation	Recessed (ceiling-mounted and hanging require separately ordered accessories)
External screw	Stainless steel	Tilt	With suspension adjustment Kit
Colour	Powder coating	Wiring	With power cable
STANDARDS AND APPROVALS		Fixing	Free-standing or via separately ordered accessories
Classification	-	Light source 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	IP65	-	-
Mechanical resistance	IK03	-	-
Glow Wire Test	650 °C	-	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION

TECHNICAL SYMBOLOGY



IP
IP65

IK
IK03

GWT
650 °C

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STANDARDS/APPROVALS

