

Product Data Sheet

GWF1910MA830

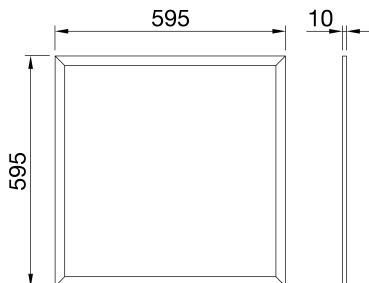
ELIA PL



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 Application	Modular LED luminaire Internal	Unified Glare Rating	UGR < 22
Unique digital code (Datamatrix)	Currently not present	Lumen output (lm)	3300
Colour	White	Efficacy (lm/W)	92
Type of light source	LED	Colour temperature	3000 K
System power	36 W	Colour Rendering Index	CRI 80
LED Lifetime	L80B50 (Tq25°) = 50.000h	Standard Deviation Colour Matching	SDCM ≤ 6
Weight (kg)	3.16	Photobiological Risk Class	RG1
Warranty	5 years	Standard	EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493
Stocking temperature	-20° +65°	ELETRICAL AND LIGHTING FEATURES	
Operating temperature	-20° +45°	Supply voltage	200-240 V
MATERIALS		Rated frequency (Hz)	50 - 60 Hz
Body	Aluminium	Driver	External IP65 driver - Included
Shield type	PMMA + PS	Driver failure rate	F025 (Tq=25°C) = 50.000 h
Optic	High-diffusion opalescent diffuser	Overvoltage protection	DM 2 kV
Gasket	-	Control System	ON / OFF
Locking Hook	-	INSTALLATION AND MAINTENANCE	
External screw	Stainless steel	Mounting and installation	Recessed (ceiling-mounted and hanging require separately ordered accessories)
Colour	Powder coating	Tilt	With suspension adjustment Kit
STANDARDS AND APPROVALS		Wiring	With power cable
Classification	-	Fixing	Free-standing or via separately ordered accessories
Device with reduced surface temperature	-	Light source replaceability	Non-replaceable
DIN 18032-3 certification	-	Controlgear replaceability	By professional
IPEA	-	Driver Box	-
Insulation class	II	Maximum surface exposed to the wind	-
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

