

# Product Data Sheet

## GWF1610NT830

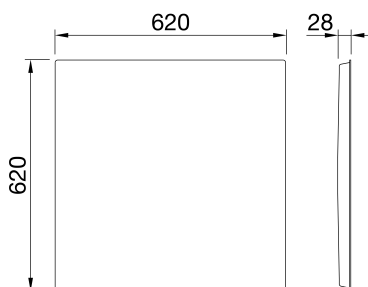
ELIA PL Backlit



ELIA PL Backlit is a modular recessed LED luminaire for indoor lighting applications. Thanks to its superior energy efficiency, it is the ideal solution for a fast return on investment in the replacement of traditional lighting systems. 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 multiple possible combinations of colour temperatures and control systems: 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; and with an On/Off or DALI external power supply (included with the product). The luminaire is equipped with an opal diffuser with UGR lower than 22, and it is easy to install thanks to its reduced weight and its quick coupling connector for fast electrical wiring.

GENERAL INFORMATION		OPTIC AND ILLUMINATING FEATURES	
Context	Interior lighting	Optic	Wide opal
Luminaire	Modular LED luminaire	Unified Glare Rating	UGR < 22
Application	Internal	Lumen output (lm)	3000
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	120
Colour	White	Colour temperature	3000 K
Type of light source	LED	Colour Rendering Index	CRI 80
System power	25 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L80B50 (Tq25°) = 50.000h	Photobiological Risk Class	RG0
Weight (kg)	1.82	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 Hz
MATERIALS		Driver	External - Included
Body	Cold rolled steel	Driver failure rate	F025 (Tq=25°C) = 50.000 h
Shield type	Polystyrene	Overvoltage protection	DM 1 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	-	Tilt	With suspension adjustment Kit
Colour	Powder coating	Wiring	With connection terminal on driver
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	IP40	-	-
Mechanical resistance	IK03	-	-
Glow Wire Test	650 °C	-	-

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION

### TECHNICAL SYMBOLOGY



IP  
IP40

IK  
IK03

GWT  
650 °C

Product Data Sheet  
**GWF1610NT830**

ELIA PL Backlit

STANDARDS/APPROVALS

