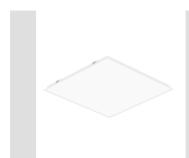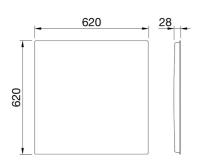## ELIA PL Backlit

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	Optiek	Wide opal
Luminaire	Modular LED luminaire	Unified Glare Rating	UGR < 22
Toepassing	Intern	Lumen-vermogen (lm)	3300
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	132
Kleur	Wit	Kleur temperatuur	4000 K
Type lichtbron	LED	Colour Rendering Index	CRI 80
System vermogen	25 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L80B50 (Tq25°) = 50.000h	Photobiological Risk Class	RG0
Gewicht (kg)	1.82	Standaard	EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493
Garantie	5 jaar	**ELETRICAL AND LIGHTING FEATURES**	-
Opslagtemperatuur	-20° +65°	Voedings-spanning	220-240 V
Operating temperature	-20° +45°	Nominale frequentie (Hz)	50/60 Hz
MATERIALS	-	Driver	External - Included
Body	Cold rolled steel	Driver failure rate	F025 (Tq=25°C) = 50.000 h
Type plaat	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	-	Bevestiging	Free-standing or via separately ordered accessories
Classificering	-	Light souce replaceability	Non-replaceable
Toestel met verlaagde oppervlaktetemperatuur	-	Controlgear replaceability	By professional
DIN 18032-3-certificering	-	Driver Box	-
IPEA	-	Maximum surface exposed to the wind	-
Isolatie-klasse	II		-
IP-graad	IP40		-
Stoot-bestendigheid	IK03		-
Glow Wire Test	650 °C		-

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION

ELIA PL Backlit

TECHNICAL SYMBOLOGY

						IP	IK	GWT
				-		IP40	IK03	650 °C

STANDARDS/APPROVALS

UK CA CE