

ELIA HL - Highbay LED

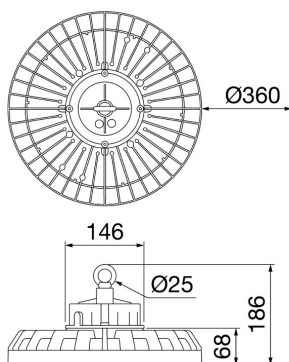


ELIA HL is a suspended LED device designed for lighting production and logistics areas in industrial environments with mid-high ceilings, where high levels of performance and luminous flux are required. Crafted from black powder-coated die-cast aluminium with integrated cooling fins, it is available in two sizes and powers, with integrated power supply in the On/Off or DALI options, three types of optic with polycarbonate lenses (60°, 90° and 120° with a colour temperature of 4,000K (neutral white) and a colour rendering index of more than 80.

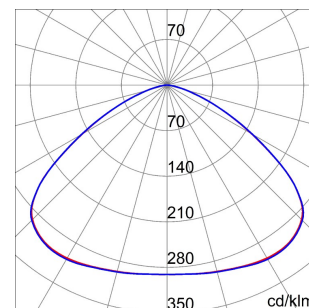
Tough and durable, ELIA HL has been designed to withstand surges of up to 4kV and temperature variations from -30 °C to + 50 °C, and offers protection from water and dust penetration of up to level IP65 and impacts of up to level IK08. ELIA HL is quick and easy to install thanks to its limited weight and the hook attachment on the upper part of the device.

GENERAL INFORMATION		OPTIC AND ILLUMINATING FEATURES	
Context	Industry, Logistic	Óptica	120°
Luminaire	LED luminaire with high lumen power	Unified Glare Rating	-
Aplicação	Interior/Exterior	Lúmen saída (lm)	28000
Unique digital code (Datamatrix)	Currently not present	Efficiency (lm/W)	140
Cor	Preto	Temperatura de cor	4000 K
Tipo de fonte luminosa	LED - Não substituível	Color Rendering Index	CRI 80
Potência de sistema	200 W	Standard Deviation Colour Matching	SDCM = 5
LED Lifetime	L80B50 (Tq25°) = 113.000h	Photobiological Risk Class	RG0
Peso (kg)	4.3	Norma	-
Garantia	5 anos	ELETRICAL AND LIGHTING FEATURES	
Temperatura de armazenagem	-40° +85°	Tensão de alimentação	100-240 V
Operating temperature	-30° +50°	Frequência nominal (Hz)	50 / 60
MATERIALS		Driver	Included
Body	Injeção de alumínio	Driver failure rate	F10 = 65.000h Tq 25°C
Vidro	-	Overvoltage protection	Overvoltage protection 4kV
Optic	With high efficiency optic system	Control System	ON OFF
Gasket	-	INSTALLATION AND MAINTENANCE	
Locking Hook	-	Mounting and installation	Suspensão
External screw	Aço inoxidável	Tilt	-
Colour	Powder coating	Wiring	With power cable
Fixação	-	Fixação	-
STANDARDS AND APPROVALS		Light source replaceability	Not available
Classificação	-	Controlgear replaceability	Not available
Aparelho com reduzida temperatura superficial	-	Driver Box	Independent driver unit
Certificação DIN 18032-3	-	Superfície máxima exposta ao vento	-
IPEA	-	-	-
Classe isolamento	I	-	-
Grau de protecção	IP65	-	-
Resistên. golpes	IK08	-	-
Glow Wire Test	750 °C	-	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP65

IK
IK08

GWT
750 °C

STANDARDS/APPROVALS

Data, measures, designs and pictures are for information purpose only, last update 28/05/2023. They can be changed at any moment, therefore it is always recommended to read the last updated version published on the website www.gewiss.com. Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at <https://www.gewiss.com/it/en/company/landingpage/led-warranty>. - 1 of 2



Product Data Sheet
GWF1000QM840

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