

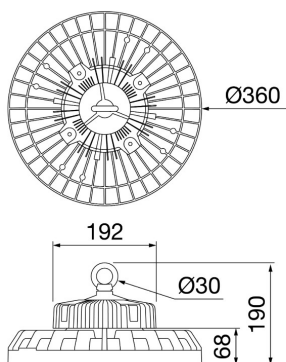
ELIA HL - Highbay LED



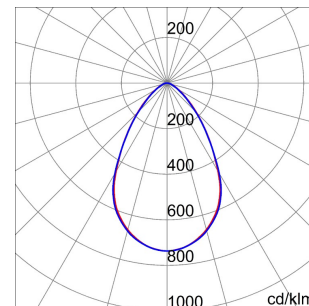
ELIA HL is a suspended LED device designed for lighting production and logistics areas in industrial environments with mid-high ceilings, where high levels of performance and luminous flux are required. Crafted from black powder-coated die-cast aluminium with integrated cooling fins, it is available 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	Optic	60°
Luminaire	LED luminaire with high lumen power	Unified Glare Rating	-
Application	Indoor / Outdoor	Lumen output (lm)	16900
Unique digital code (Datamatrix)	Currently not present	Efficiency (lm/W)	141
Colour	Black	Colour temperature	4000 K
Type of light source	LED - Not replaceable	Color Rendering Index	CRI 80
System power	120 W	Standard Deviation Colour Matching	SDCM = 5
LED Lifetime	L80B50 (Tq25°) = 115.000h	Photobiological Risk Class	RG0
Weight (kg)	3.9	Standard	-
Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	
Stocking temperature	-40° +80°	Supply voltage	220-240 V
Operating temperature	-30° +50°	Rated frequency (Hz)	50 / 60
MATERIALS		Driver	Included
Body	Die-cast aluminium	Driver failure rate	F05 = 86.000h Tq 25°C
Shield type	-	Overvoltage protection	Overvoltage protection 4kV
Optic	With high efficiency optic system	Control System	DALI
Gasket	-	INSTALLATION AND MAINTENANCE	
Locking Hook	-	Mouting and installation	Suspension
External screw	Stainless steel	Tilt	-
Colour	Powder coating	Wiring	With power cable
STANDARDS AND APPROVALS		Fixing	-
Classification	-	Optic Maintenance	Not available
Device with reduced surface temperature	-	LED Maintenance	Not available
DIN 18032-3 certification	-	Driver Box	Independent driver unit
IPEA	-	Maximum surface exposed to the wind	-
Insulation class	I	-	-
IP degree	IP65	-	-
Mechanical resistance	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 12/04/2021. 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
GWF1001MH840

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