

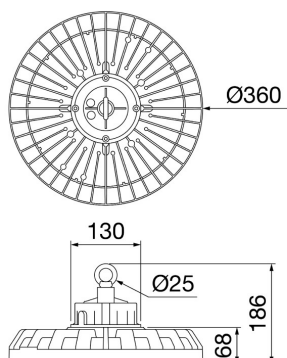
### ELIA HL - Highbay LED



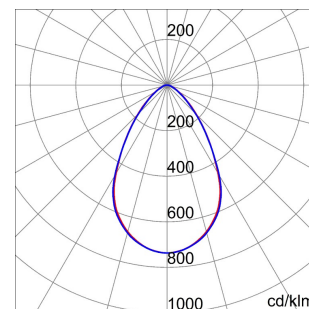
ELIA HL is an LED highbay designed for indoor industrial, logistics and tertiary applications, where efficiency, high luminous output, precision and resistance are required. Available in 3 power steps (120 W, 150 W and 200 W) with a standard colour temperature of 4,000 K (neutral white) and a colour rendering index of 80, the range allows for great flexibility with its multiple possible combinations: 3 optics options (60°, 90° and 120° beam angles in polycarbonate lenses) and 2 integrated power supply options (On/Off and DALI). The luminaire can be suspension-mounted through the hook attachment integrated into the upper part of the device, and thanks to its black powder-coated die-cast aluminium body with incorporated heatsink, it is tough, durable (IP65 and IK08) and able to withstand harsh environmental conditions (such as ambient temperature variations from -30°C to +50°C).

GENERAL INFORMATION		OPTIC AND ILLUMINATING FEATURES	
Context	illuminazione di industrie e logistica	Optic	60°
Luminaire	Apparecchio a LED di alta potenza	Unified Glare Rating	-
Application	Internal	Lumen output (lm)	17900
Unique digital code (Datamatrix)	Currently not present	Efficiency (lm/W)	149
Colour	Black	Colour temperature	4000 K
Type of light source	LED	Color Rendering Index	CRI 80
System power	120 W	Standard Deviation Colour Matching	SDCM = 5
LED Lifetime	L80B50 (Tq=25°C) > 100.000 h	Photobiological Risk Class	RG0
Weight (kg)	3.9	Standard	EN 60598-1; IEC/TR 62778; EN 62493
Warranty	5 years	<b>ELETRICAL AND LIGHTING FEATURES</b>	
Stocking temperature	-40° +85°	Supply voltage	100-240 V
Operating temperature	-30° +50°	Rated frequency (Hz)	50/60 Hz
<b>MATERIALS</b>		Driver	Built-in
Body	Die-cast aluminium	Driver failure rate	F10 (Tq=25°C) = 65.000 h
Shield type	-	Overvoltage protection	DM 4 kV/ CM 6 kV
Optic	Lente in policarbonato	Control System	ON / OFF
Gasket	-	<b>INSTALLATION AND MAINTENANCE</b>	
Locking Hook	-	Mounting and installation	A sospensione
External screw	Stainless steel	Tilt	-
Colour	Powder coating	Wiring	With power cable
<b>STANDARDS AND APPROVALS</b>		Fixing	Tramite golfare nella parte superiore dell'apparecchio
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	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 29/10/2022. 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](http://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  
GWF1000MH840

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