

Product Data Sheet

GWF1000MH840

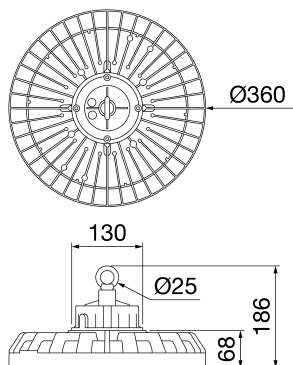
ELIA HL



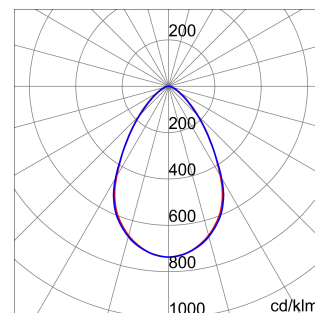
ELIA HL is an LED highbay designed for indoor industrial, logistics and tertiary applications, where efficiency, high luminous output, precision and resistance are required. Available in 3 power steps (120 W, 150 W and 200 W) with a standard colour temperature of 4,000 K (neutral white) and a colour 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	Industry and logistics lighting	Optic	60°
Luminaire	High-power LED luminaire	Unified Glare Rating	-
Application	Internal	Lumen output (lm)	17900
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	149
Colour	Black	Colour temperature	4000 K
Type of light source	LED	Colour 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	ELECTRICAL AND LIGHTING FEATURES	
Stocking temperature	-40° +85°	Supply voltage	100-240 V
Operating temperature	-30° +50°	Rated frequency (Hz)	50/60 Hz
MATERIALS		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	Polycarbonate lens	Control System	ON / OFF
Gasket	-	INSTALLATION AND MAINTENANCE	
Locking Hook	-	Mounting and installation	Hanging
External screw	Stainless steel	Tilt	-
Colour	Powder coating	Wiring	With power cable
STANDARDS AND APPROVALS		Fixing	Via hoist ring at the top of the luminaire
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 20/04/2023. 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 1