



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

Context	Industry and logistics lighting
Luminaire	High-power LED luminaire
Application	Internal
Unique digital code (Datamatrix)	Currently not present

Colour	Black
Type of light source	LED
System power	120 W
LED Lifetime	L80B50 (Tq=25°C) > 100.000 h
Weight (kg)	4.4
Warranty	5 years
Stocking temperature	-40° +85°
Operating temperature	-30° +50°

MATERIALS

Body	Die-cast aluminium
Shield type	-
Optic	Polycarbonate lens
Gasket	-
Locking Hook	-
External screw	Stainless steel
Colour	Powder coating

STANDARDS AND APPROVALS

Classification	-
Device with reduced surface temperature	-
DIN 18032-3 certification	Not available
IPEA	-
Insulation class	I
IP degree	IP65
Mechanical resistance	IK08
Glow Wire Test	750 °C

OPTIC AND ILLUMINATING FEATURES

Optic	120°
Unified Glare Rating	-
Lumen output (lm)	18000
Efficacy (lm/W)	150
Colour temperature	4000 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	RG0
Standard	EN 60598-1; IEC/TR 62778; EN 62493

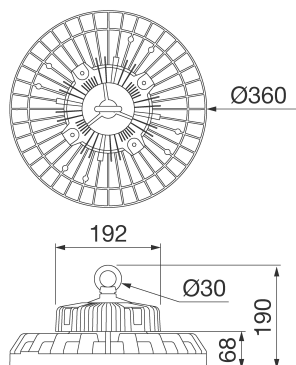
ELETRICAL AND LIGHTING FEATURES

Supply voltage	220-240 V
Rated frequency (Hz)	50/60 Hz
Driver	Built-in
Driver failure rate	F10 (Tq=25°C) = 70.000 h
Overvoltage protection	DM 4 kV/ CM 4 kV
Control System	DALI

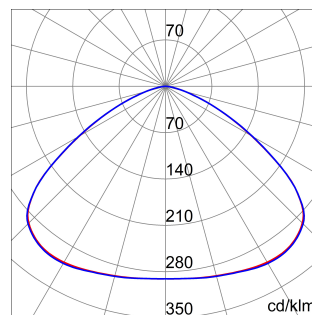
INSTALLATION AND MAINTENANCE

Mounting and installation	Hanging
Tilt	-
Wiring	With power cable
Fixing	Via hoist ring at the top of the luminaire
Light source replaceability	Non-replaceable
Controlgear replaceability	By professional
Driver Box	-
Maximum surface exposed to the wind	-

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 29/04/2024. 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