

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

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

Kolor	Czarny
Rodzaj źródła światła	LED
Moc	150 W
LED Lifetime	L80B50 (Tq=25°C) > 100.000 h
Masa (kg)	4.4
Gwarancja	5 lat
Temperatura przechowywania	-40° +85°
Operating temperature	-30° +50°

MATERIALS

Body	Aluminium odlewane ciśnieniowo
Typ osłony	-
Optic	Polycarbonate lens
Gasket	-
Locking Hook	-
External screw	Stainless steel
Colour	Powder coating

STANDARDS AND APPROVALS

Klasyfikacja	-
Urządzenie z ograniczoną temperaturą powierzchni	-
Świadectwo wg DIN 18032-3	-
IPEA	-
Klasa Izolacji	I
Ochrona IP	IP65
Oporność na wstrząsy	IK08
Próba rozżarzonego drutem	750 °C

OPTIC AND ILLUMINATING FEATURES

Optyka	120°
Unified Glare Rating	-
Moc z oprawy (lm)	22500
Efficacy (lm/W)	150
Temperatura Barwowa	4000 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	RG0
Norma	EN 60598-1; IEC/TR 62778; EN 62493

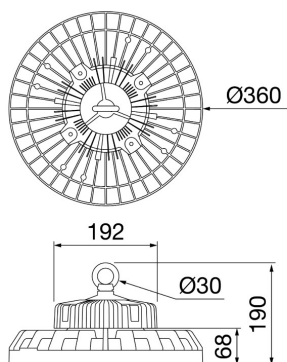
ELETRICAL AND LIGHTING FEATURES

Zasilanie wyjściowe	220-240 V
Prąd częstotliwość (Hz)	50/60 Hz
Driver	Wbudowana
Driver failure rate	F10 (Tq=25°C) = 70.000 h
Overvoltage protection	DM 4 kV/ CM 4 kV
Control System	DALI

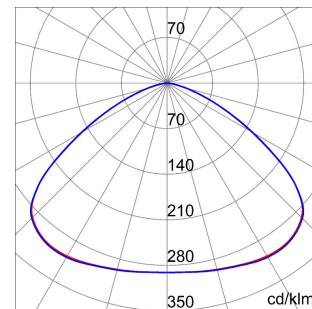
INSTALLATION AND MAINTENANCE

Mounting and installation	Hanging
Tilt	-
Wiring	With power cable
Mocowanie	Via hoist ring at the top of the luminaire
Light souce replaceability	Non-replaceable
Controlgear replaceability	By professional
Driver Box	-
Maksymalna powierzchnia wystawiona na działanie wiatru	-

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



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