

### 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

Context	Industry, Logistic
Luminaire	LED luminaire with high lumen power
Aplicație	Intern / Extern
Unique digital code (Datamatrix)	Currently not present

Culoare	Negru
Tip sursă de lumină	LED - Neînlocuibil
Puterea sistemului	120 W
LED Lifetime	L80B50 (Tq25°) = 115.000h
Greutate (Kg)	3.9
Garanție	5 ani
Temperatură de stocare	-40° +85°
Operating temperature	-30° +50°

#### MATERIALS

Body	Aluminiu turnat
Ecran	-
Optic	With high efficiency optic system
Gasket	-
Locking Hook	-
External screw	Oțel
Colour	Powder coating

#### STANDARDS AND APPROVALS

Clasificare	-
Dispozitiv cu temperatură la suprafață redusă	-
Certificare DIN 18032-3	-
IPEA	-
Clasă izolație	I
Clasă de protecție IP	IP65
Cod IK	IK08
Glow Test conductori	750 °C

#### OPTIC AND ILLUMINATING FEATURES

Optică	120°
Unified Glare Rating	-
Lumină ieșire (lm)	17000
Efficiency (lm/W)	142

Culoare Temperatură	4000 K
Color Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	RG0

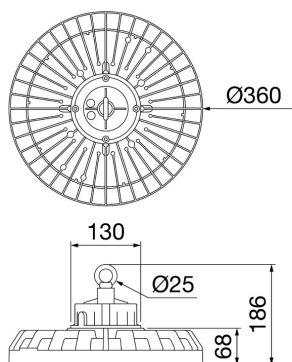
#### ELETRICAL AND LIGHTING FEATURES

Tensiune de alimentare	100-240 V
Frecvență nominală (Hz)	50 / 60
Driver	Included
Driver failure rate	F05 = 82.000h Tq 25°C
Overvoltage protection	Overvoltage protection 4kV
Control System	PORNIT OPRIT

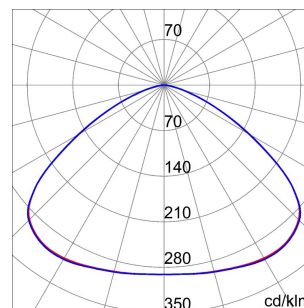
#### INSTALLATION AND MAINTENANCE

Mouting and installation	Suspensie
Tilt	-
Wiring	With power cable
Prindere	-
Optic Maintenance	Not available
LED Maintenance	Not available
Driver Box	Independent driver unit
Suprafață maximă expusă la vânt	-

### 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 19/08/2021. 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](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

