

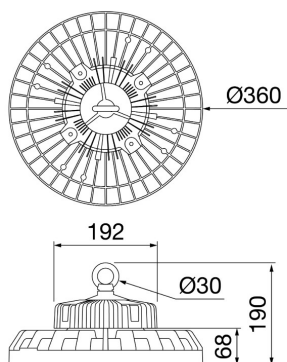
ELIA HL - Highbay LED



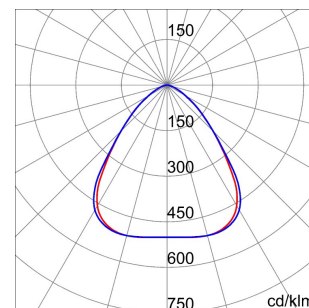
ELIA HL is a suspended LED device designed for lighting production and logistics areas in industrial environments with mid-high ceilings, where high levels of performance and luminous flux are required. Crafted from black powder-coated die-cast aluminium with integrated cooling fins, it is available 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		OPTIC AND ILLUMINATING FEATURES	
Context	Industry, Logistic	Optică	90°
Luminaire	LED luminaire with high lumen power	Unified Glare Rating	-
Aplicație	Intern / Extern	Lumină ieșire (lm)	16100
Unique digital code (Datamatrix)	Currently not present	Efficiency (lm/W)	134
Culoare	Negru	Culoare Temperatură	4000 K
Tip sursă de lumină	LED - Neînlocuibil	Color Rendering Index	CRI 80
Puterea sistemului	120 W	Standard Deviation Colour Matching	SDCM = 5
LED Lifetime	L80B50 (Tq25°) = 115.000h	Photobiological Risk Class	RG0
Greutate (Kg)	3.9	Standard	-
Garanție	5 ani	ELETRICAL AND LIGHTING FEATURES	
Temperatură de stocare	-40° +80°	Tensiune de alimentare	220-240 V
Operating temperature	-30° +50°	Frecvență nominală (Hz)	50 / 60
MATERIALS		Driver	Included
Body	Aluminiu turnat	Driver failure rate	F05 = 86.000h Tq 25°C
Ecran	-	Overvoltage protection	Overvoltage protection 4kV
Optic	With high efficiency optic system	Control System	DALI
Gasket	-	INSTALLATION AND MAINTENANCE	
Locking Hook	-	Mouting and installation	Suspensie
External screw	Oțel	Tilt	-
Colour	Powder coating	Wiring	With power cable
STANDARDS AND APPROVALS		Prindere	-
Clasificare	-	Optic Maintenance	Not available
Dispozitiv cu temperatură la suprafață redusă	-	LED Maintenance	Not available
Certificare DIN 18032-3	-	Driver Box	Independent driver unit
IPEA	-	Suprafață maximă expusă la vânt	-
Clasă izolație	I	-	-
Clasă de protecție IP	IP65	-	-
Cod IK	IK08	-	-
Glow Test conductori	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 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. 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
GWF1001ML840

ELIA HL - Highbay LED

