



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, Logistic, Façade, Sport
Luminaire	LED luminaire with mid and high lumen power
Application	Indoor / Outdoor
Unique digital code (Datamatrix)	Currently not present

Colour	Black
Type of light source	LED
System power	150 W
LED Lifetime	L80B50 (Tq25°) = 89.000h
Weight (kg)	4.5
Warranty	5 years
Stocking temperature	-40° +85°
Operating temperature	-30°C ÷ +50 °C

### MATERIALS

Body	Die-cast aluminium
Shield type	Flat silked tempered glass 4mm thick with Gewiss logo

Optic	With high efficiency optic system
Gasket	-
Locking Hook	-

External screw	Stainless steel
Colour	Powder coating

### STANDARDS AND APPROVALS

Classification	-
Device with reduced surface temperature	-
DIN 18032-3 certification	-
IPEA	-
Insulation class	I
IP degree	IP66
Mechanical resistance	IK08
Glow Wire Test	750 °C

### OPTIC AND ILLUMINATING FEATURES

Optic	60°
Unified Glare Rating	-
Lumen output (lm)	18900
Efficacy (lm/W)	136
Colour temperature	3000 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	RG1
Standard	-

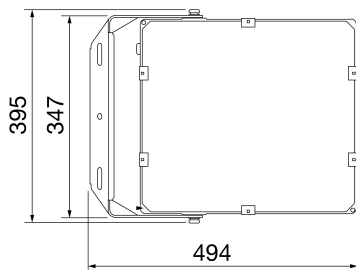
### ELETRICAL AND LIGHTING FEATURES

Supply voltage	100-240 V
Rated frequency (Hz)	50/60 Hz
Driver	Included
Driver failure rate	F10 = 50.000h Tq25°C
Overvoltage protection	Overvoltage protection 10-6kV

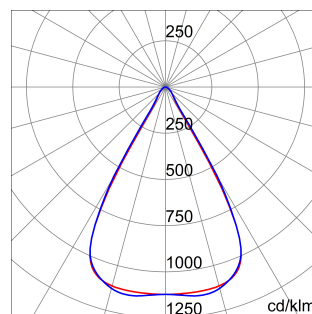
### INSTALLATION AND MAINTENANCE

Control System	ON OFF
Mounting and installation	High-mast lighting - Wall mounting - Ground mounting
Tilt	With adjustable bracket assembled
Wiring	With power cable
Fixing	-
Light source replaceability	By professional
Controlgear replaceability	By professional
Driver Box	Built-in
Maximum surface exposed to the wind	0.12 m²

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY



IP  
IP66

IK  
IK08

GWT  
750 °C



Product Data Sheet  
**GWF1100QH830**

On request

STANDARDS/APPROVALS

