

# Product Data Sheet

## GWF1100QH830

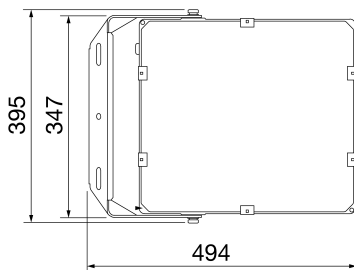
On request



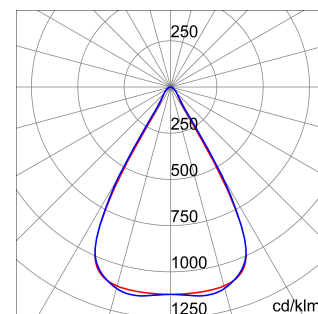
ELIA HL is an LED highbay designed for indoor industrial, logistics and tertiary applications, where efficiency, high luminous output, precision and resistance are required. Available in 3 power steps (120 W, 150 W and 200 W) with a standard colour temperature of 4,000 K (neutral white) and a colour 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		OPTIC AND ILLUMINATING FEATURES	
Context	Industry, Logistic, Façade, Sport	Optic	60°
Luminaire	LED luminaire with mid and high lumen power	Unified Glare Rating	-
Application	Indoor / Outdoor	Lumen output (lm)	18900
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	136
Colour	Black	Colour temperature	3000 K
Type of light source	LED	Colour Rendering Index	CRI 80
System power	150 W	Standard Deviation Colour Matching	SDCM = 5
LED Lifetime	L80B50 (Tq25°) = 89.000h	Photobiological Risk Class	RG1
Weight (kg)	4.5	Standard	-
Warranty	5 years	ELECTRICAL AND LIGHTING FEATURES	
Stocking temperature	-40° +85°	Supply voltage	100-240 V
Operating temperature	-30 +50 °C	Rated frequency (Hz)	50/60 Hz
MATERIALS		Driver	Included
Body	Die-cast aluminium -	Driver failure rate	F10 = 50.000h Tq25°C
Shield type	Flat silked tempered glass 4mm thick with Gewiss logo	Overvoltage protection	Overvoltage protection 10-6kV
Optic	With high efficiency optic system	Control System	ON OFF
Gasket	-	INSTALLATION AND MAINTENANCE	
Locking Hook	-	Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
External screw	Stainless steel	Tilt	With adjustable bracket assembled
Colour	Powder coating	Wiring	With power cable
STANDARDS AND APPROVALS		Fixing	-
Classification	-	Light source replaceability	By professional
Device with reduced surface temperature	-	Controlgear replaceability	By professional
DIN 18032-3 certification	-	Driver Box	Built-in
IPEA	-	Maximum surface exposed to the wind	0.12 m²
Insulation class	I		
IP degree	IP66		
Mechanical resistance	IK08		
Glow Wire Test	750 °C		

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY



IP  
IP66

IK  
IK08

GWT  
750 °C

Product Data Sheet  
**GWF1100QH830**

On request

STANDARDS/APPROVALS

