

Product Data Sheet

GWF1000NH840

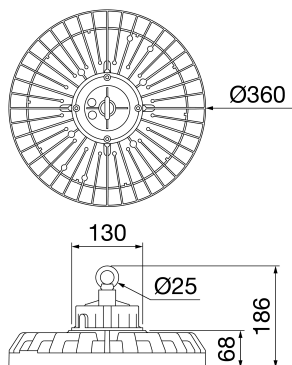
ELIA HL



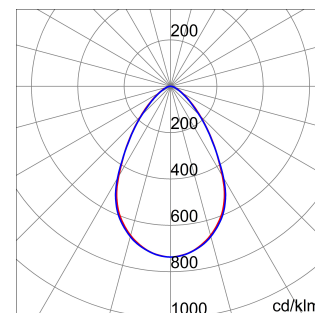
ELIA HL is an LED highbay designed for indoor industrial, logistics and tertiary applications, where efficiency, high luminous output, precision and resistance are required. Available in 3 power steps (120 W, 150 W and 200 W) with a standard colour temperature of 4,000 K (neutral white) and a colour 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		-		OPTIC AND ILLUMINATING FEATURES		-	
Context	Industry and logistics lighting	Optic			60°		
Luminaire	High-power LED luminaire	Unified Glare Rating			-		
Application	Internal	Lumen output (lm)			22400		
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)			149		
Colour	Black	Colour temperature			4000 K		
Type of light source	LED	Colour Rendering Index			CRI 80		
System power	150 W	Standard Deviation Colour Matching			SDCM = 5		
LED Lifetime	L80B50 (Tq=25°C) > 100.000 h	Photobiological Risk Class			RG0		
Weight (kg)	3.9	Standard			EN 60598-1; IEC/TR 62778; EN 62493		
Warranty	5 years	ELETRICAL AND LIGHTING FEATURES			-		
Stocking temperature	-40° +85°	Supply voltage			100-240 V		
Operating temperature	-30° +50°	Rated frequency (Hz)			50/60 Hz		
MATERIALS		Driver			Built-in		
Body	Die-cast aluminium	Driver failure rate			F10 (Tq=25°C) = 65.000 h		
Shield type	-	Overvoltage protection			DM 4 kV/ CM 6 kV		
Optic	Polycarbonate lens	Control System			ON / OFF		
Gasket	-	INSTALLATION AND MAINTENANCE			-		
Locking Hook	-	Mounting and installation			Hanging		
External screw	Stainless steel	Tilt			-		
Colour	Powder coating	Wiring			With power cable		
STANDARDS AND APPROVALS		Fixing			Via hoist ring at the top of the luminaire		
Classification	-	Light source replaceability			Non-replaceable		
Device with reduced surface temperature	-	Controlgear replaceability			By professional		
DIN 18032-3 certification	-	Driver Box			-		
IPEA	-	Maximum surface exposed to the wind			-		
Insulation class	I				-		
IP degree	IP65				-		
Mechanical resistance	IK08				-		
Glow Wire Test	750 °C				-		

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP65

IK

IK08

GWT

750 °C

STANDARDS/APPROVALS

