

Product Data Sheet

GWF1000MH840

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

Context	Industry and logistics lighting
Luminaire	High-power LED luminaire
Toepassing	Intern
Unique digital code (Datamatrix)	Currently not present
Kleur	Zwart
Type lichtbron	LED
System vermogen	120 W
LED Lifetime	L80B50 (Tq=25°C) > 100.000 h
Gewicht (kg)	3.9
Garantie	5 jaar
Opslagtemperatuur	-40° +85°
Operating temperature	-30° +50°

OPTIC AND ILLUMINATING FEATURES

Optiek	60°
Unified Glare Rating	-
Lumen-vermogen (lm)	17900
Efficacy (lm/W)	149
Kleur temperatuur	4000 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	RG0
Standaard	EN 60598-1; IEC/TR 62778; EN 62493

MATERIALS

Body	Gietaluminium
Type plaat	-
Optic	Polycarbonate lens
Gasket	-
Locking Hook	-
External screw	Stainless steel
Colour	Powder coating

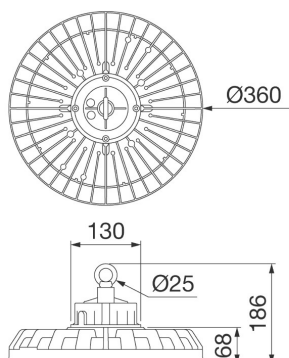
ELETRICAL AND LIGHTING FEATURES

Voedings-spanning	100-240 V
Nominale frequentie (Hz)	50/60 Hz
Driver	Ingebouwd
Driver failure rate	F10 (Tq=25°C) = 65.000 h
Overvoltage protection	DM 4 kV/ CM 6 kV
Control System	ON / OFF
INSTALLATION AND MAINTENANCE	-
Mounting and installation	Hanging
Tilt	-
Wiring	With power cable
Bevestiging	Via hoist ring at the top of the luminaire
Light source replaceability	Non-replaceable
Controlgear replaceability	By professional
Driver Box	-
Maximum surface exposed to the wind	-
Isolatie-klasse	I
IP-graad	IP65
Stootbestendigheid	IK08
Glow Wire Test	750 °C

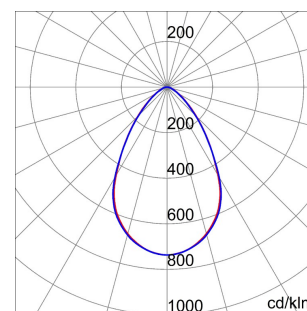
STANDARDS AND APPROVALS

Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	-
IPEA	-
Isolatie-klasse	I
IP-graad	IP65
Stootbestendigheid	IK08
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DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



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TECHNICAL SYMBOLOGY



IP
IP65

IK
IK08

GWT
750 °C

STANDARDS/APPROVALS

**UK
CA**

