Product data sheet

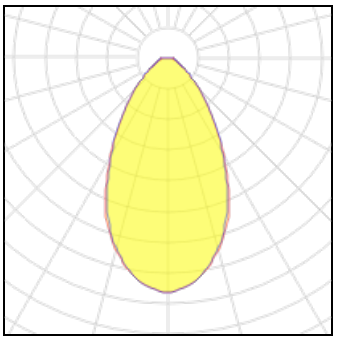
ELIA HL M2 120W SYMM 60° 120W 840 BK-RAL9017
GWF1000MH840
PERFORMANCE IN LIGHTING



IP 65 IK 08

Part number: GWF1000MH840. Serie: ELIA HL. 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). 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). The luminaire can be suspension-mounted through the hook attachment integrated into the upper part of the device. The part numbers listed below with an MOQ require a minimum order quantity. Please consult our sales agents for information on availability, lead times, and volume requirements. Product data | ETIM Group: EG000027. ETIM Class: EC001716. General information | Lampholder: LED. Luminaire lumen output [lm]: 17900. Luminaire wattage [W]: 120 W. Luminous efficacy [lm/W]: 149. CRI: 80. Colour temperature [K]: 4000. Colour / Finishing: Black RAL 9017 / Black RAL9017. IP degree of protection: IP65. IK08 5J xx5. Protection class: I. Optic: SYMM - Symmetric. Beam angle: 60°. Net weight [kg]: 3.9. Overall diameter [mm]: 360. Overall height [mm]: 186. Mechanical features | Housing material: Aluminium. Diffuser material: Plastic. Glow wire test [°C]: 750 °C. Electrical features | Voltage type: AC. Input voltage [V AC]: 100/240. Input frequency [Hz]: 50/60. Installation | Application area: PROFESSIONAL INDOOR. Mounting type: Hi / low-bay. Min. ambient temperature [°C]: -30. Max. ambient temperature [°C]: 50. Light features | MacAdam: 5. Lumen maintenance: L80B50@100000h. Distribution of light emission: Direct. Certifications | CE certified. ENEC certified. UKCA certified.

Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	120 W	CRI	80
Total flux	17899 lm	LOR	100%
Luminous efficacy	149 lm/W	Total power	120 W

Mounting mode

Pendant

Shape and measurements

Height: 7.32 in
Diameter: 14.17 in

Adjustability

Height adjustable

Electric

System power: 120 W
Appliance Class: 0

Protection

IP: 65
IK: 08
Designation labels: CE, ENEC

Design

Color of housing: Black