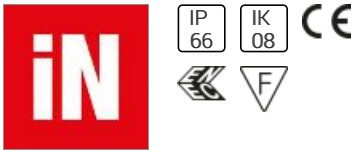


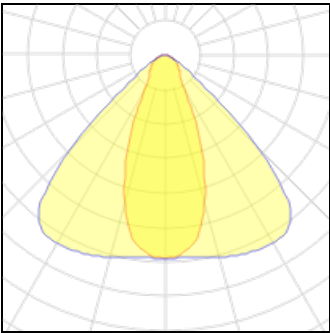
Product data sheet

UNIQO 1M HLO ELL 35X90° 88W 840 GR-RAL7035
LTH1112AQ840
PERFORMANCE IN LIGHTING



Part number: LTH1112AQ840. Serie: Uniqo. High bay luminaire designed with a modular concept to adapt to continuously advancing industrial, logistics, sports, and tertiary contexts that require flexible, efficient, reliable, and future-proof solutions. Die-cast aluminum body with integrated heatsink fins. Embedded internal heatsink fins for optimal heat dissipation of the LED sources. Extruded aluminium driver box. Polyester powder-coat finish in grey RAL 7035 colour. Technolpolymer end caps. Galvanized steel locking hardware. LED board featuring a metal core PCB and high-efficacy LEDs. SENSOR version features an integrated daylight and PIR sensor. EMERGENCY version features an integrated battery pack with 3 hours of autonomy. Exclusively designed PMMA lenses with high optical transmittance for maximum long-term stability and performance, even at elevated temperatures. Standard tempered 4 mm transparent glass, offering high impact resistance and suitable for demanding applications such as sports halls. Fast-mounting clips made of polished stainless steel for quick and easy intervention. It can withstand high ambient temperatures while delivering maximum luminous output without compromising the product's lifespan. The product comes standard with a suspension kit and can be installed in alternative configurations using the available mounting accessories, which can be ordered separately. Additional accessories and spare parts are available. The range is certified by third-party entities. It is certified to the DIN 18032-2 ball impact resistance standard, making it suitable for installation in gymnasiums and indoor sports facilities. Some mounting options may not be compatible with this type of application. Product data | ETIM Group: EG000027. ETIM Class: EC001716. General information | Lampholder: LED. Lightsource lumen output [lm]: 16000. Luminaire lumen output [lm]: 14200. Luminaire wattage [W]: 88 W. Luminous efficacy [lm/W]: 161. CRI: 80. Colour temperature [K]: 4000. Colour / Finishing: GR-RAL7035 / Grey RAL7035 / Matt. IP degree of protection: IP66. IK08 5J xx5. Protection class: I. Optic: ELL - Elliptical. Beam angle: 35°x90°. Net weight [kg]: 5.4. Overall length [mm]: 336. Overall width [mm]: 260. Overall height [mm]: 153. Mechanical features | Shape: Rectangular. Housing material: Aluminium. Diffuser material: Glass. Glow wire test [°C]: 850°C. Electrical features | Voltage type: AC/DC. Input voltage [V AC]: 220/240. Input frequency [Hz]: 50/60. Power factor / COS Φ: 0.962. Input voltage [V DC]: 176/280. Surge protection | Common [kV]: 10.000000. Surge protection | Differential [kV]: 6.000000. Inrush current [A/μs]: 6 / 6. C10 1.5 mm²: 10. C16 2.5 mm²: 17. B10 1.5 mm²: 6. B16 2.5 mm²: 10. Installation | Application area: PROFESSIONAL INDOOR. Mounting type: Hi / low-bay. Min. ambient temperature [°C]: -30. Max. ambient temperature [°C]: 50. Quick installation. Light features | Lamps: 1. ILCOS: DSS. MacAdam: 3. Lumen maintenance: L80B10@125000h. Distribution of light emission: Direct. Certifications | CE certified. ENEC certified. UKCA certified. Mountable on normally inflammable surfaces. Compliant to DIN 18032-3.

Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	88 W	CRI	80
Total flux	14198 lm	LOR	46%
Luminous efficacy	161 lm/W	ULOR	5%
		Total power	88 W

Mounting mode

Pendant

Shape and measurements

Length: 10.04 in

Width: 11.22 in

Height: 6.02 in

Adjustability

Height adjustable

Design

Color of housing: Silver gray

Electric

System power: 88 W

Appliance Class: 0

Protection

IP: 66

IK: 08

Designation labels: CE, ENEC, F