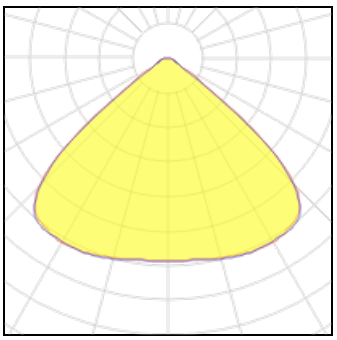
# Product data sheet

UNIQO REUSE 1M HLO C/EW 100° 88W 840 GR-RAL7035 DALI
LTH0112DP840
PERFORMANCE IN LIGHTING



Part number: LTH0112DP840. 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. The driver box of the REUSE version is specifically reworked to allow direct housing of the LED modules and their quick, tool-free detachment, facilitating rapid maintenance. Technolpolymer end caps. Galvanized steel locking hardware. Patented lever for tool-free attachment and detachment of the LED module directly to the driver box. LED board featuring a metal core PCB and high-efficacy LEDs. 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. Fast-mounting 3-pole connectors made of technopolymer connect each LED module to the driver box, enabling quick, tool-free intervention and replacement of individual LED modules. 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. Tilting bracket accessory for individual adjustment of each LED module in ±15° increments, ranging from -45° to +45°. 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]: 14500. Luminaire wattage [W]: 88 W. Luminous efficacy [lm/W]: 165. 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: C/EW - Circular Extra-Wide. Beam angle: 100°. Net weight [kg]: 5.062. Overall length [mm]: 336. Overall width [mm]: 260. Overall height [mm]: 173. 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: 18. C16 2.5 mm²: 28. B10 1.5 mm²: 9. B16 2.5 mm²: 14. Dimmable DALI. 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.

## Light output 1 (integrated)



| | | | |
|---|---|---|---|
| Lamp type | LED | CCT | 4000 K |
| Nominal lamp power | 88 W | CRI | 80 |
| Total flux | 14499 lm | LOR | 46% |
| Luminous efficacy | 165 lm/W | ULOR | 5% |
| | | Total power | 88 W |

### Mounting mode

Pendant

### Shape and measurements

Length: 10.04 in
Width: 11.22 in
Height: 6.81 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