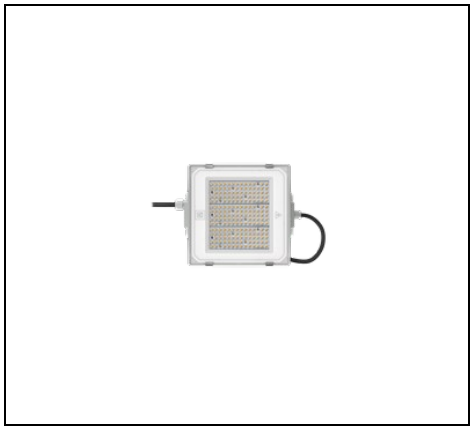
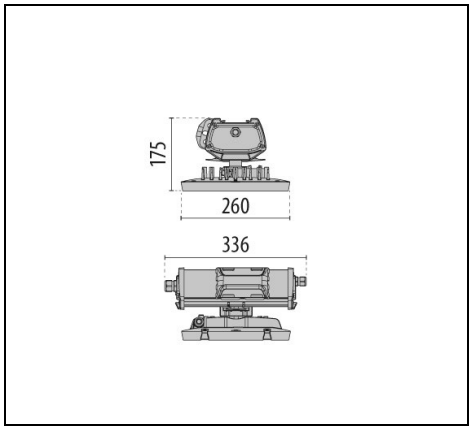
# UNIQO REUSE 1M HE

## Part number LTH0111DH857











### Description

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
- Stainless 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 CL (Continuous Line) versions are suitable for through wiring continuous line installations
- 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

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
**PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy**
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

**info.it@pil.lighting**
www.performanceinlighting.com

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## Product data

| | | | |
|---|---|---|---|
| **ETIM Group:** | EG000027 | **ETIM Class:** | EC001716 |

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | LED |
| **Lightsource lumen output [lm]:** | 13500 | **Luminaire lumen output [lm]:** | 12250 |
| **Luminaire wattage [W]:** | 72 W | **Luminous efficacy [lm/W]:** | 170 |
| **CRI:** | 80 | **Colour temperature [K]:** | 5700 |
| **Colour / Finishing:** | GR-RAL7035 / Grey RAL7035 / Matt | **IP degree of protection:** | IP66 |
| **Impact resistance / impact energy:** | IK08 5J xx5 | **Protection class:** | I |
| **Optic:** | C/W - Circular Wide | **Beam angle:** | 70° |
| **Net weight [kg]:** | 5.041 | **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 |

## Installation

| | | | |
|---|---|---|---|
| **Application area:** | Indoor lighting | **Mounting type:** | High bay and low bay |
| **Min. ambient temperature [°C]:** | -30 | **Max. ambient temperature [°C]:** | 50 |

## Light features

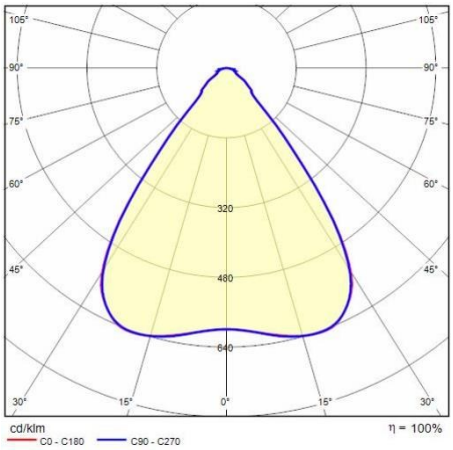
| | | | |
|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L80B10@126000h |
| **Distribution of light emission:** | Direct | **UGR max.:** | 22.0 |

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## Photometric data




## Optional accessories

### UNIQO REUSE



**LTH1A2120**

Ceiling-mounting kit for 1M version



**LTH0A2030**

Tilting bracket for Reuse version

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