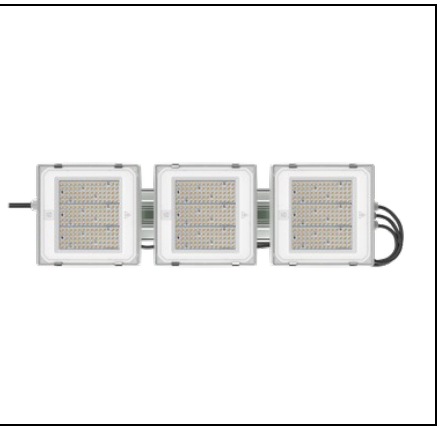
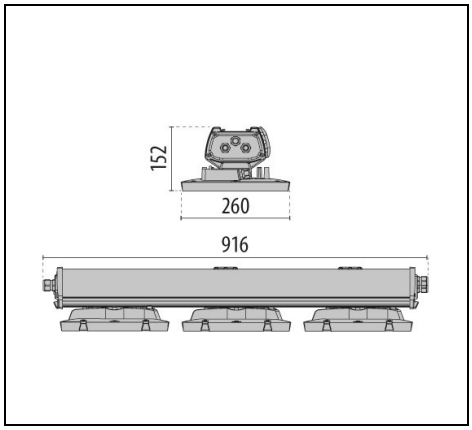
# UNIQO 3M HLO

## Part number LTH1312AH840








IP 66 | CLASS I | ≥ +50° | QUICK | SPD 10kV | CE | UKCA

### 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
- Technolpolymer end caps
- Stainless 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
- The CL (Continuous Line) versions are suitable for through wiring continuous line installations
- 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

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

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## Product data

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

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | LED |
| **Lightsource lumen output [lm]:** | 48000 | **Luminaire lumen output [lm]:** | 43790 |
| **Luminaire wattage [W]:** | 258 W | **Luminous efficacy [lm/W]:** | 170 |
| **CRI:** | 80 | **Colour temperature [K]:** | 4000 |
| **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]:** | 15.506 | **Overall length [mm]:** | 917 |
| **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 | **Input voltage [V AC]:** | 220/240 |
| **Input frequency [Hz]:** | 50/60 | **Power factor / COS Φ:** | 0.96 |
| **Surge protection \| Common [kV]:** | 10.000000 | **Surge protection \| Differential [kV]:** | 6.000000 |
| **Inrush current [A/µs]:** | 21 / 3 | **C10 1.5 mm²:** | 4 |
| **C16 2.5 mm²:** | 7 | **B10 1.5 mm²:** | 3 |
| **B16 2.5 mm²:** | 6 | | |

## Installation

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

## Light features

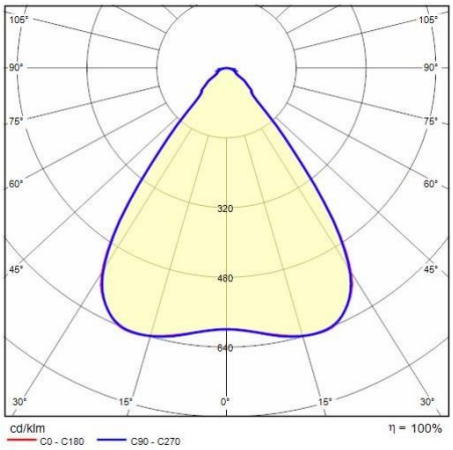
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|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L80B10@125000h |
| **Distribution of light emission:** | Direct | **UGR max.:** | 22.0 |

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## Photometric data




## Optional accessories

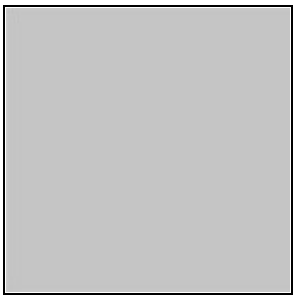
UNIQO



**LTH1A2310**

Bracket kit for 3M version

GR-RAL7035 / Grey RAL7035



**LTH1A2360**

Support bracket 3M version

GR-RAL7035 / Grey RAL7035



**LTH1A2220**

Ceiling-mounting kit for 2M and 3M versions

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