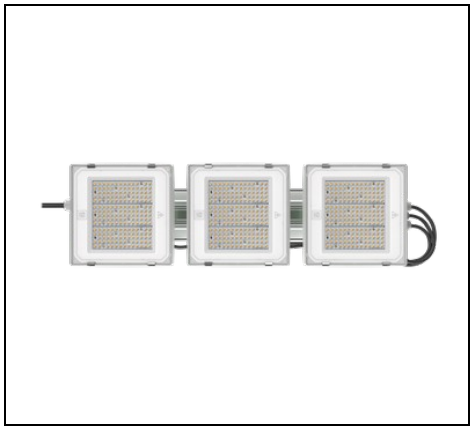
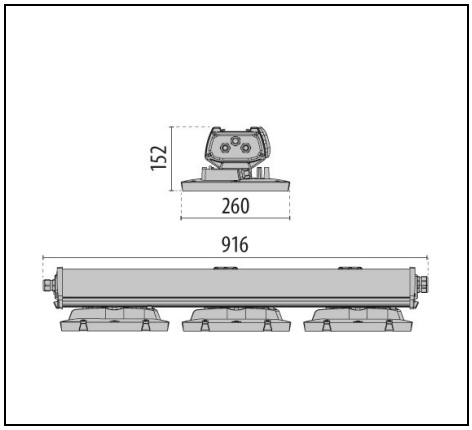
date: 28/10/2026

UNIQO 3M HLO

Part number LTH1312DH857







IP 66 | CLASS I | ≥ +50° | QUICK | DALI | 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

For information:
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Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

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

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]:**	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]:	13.515	**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:**	2
B16 2.5 mm²:	4		

Installation

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

Light features

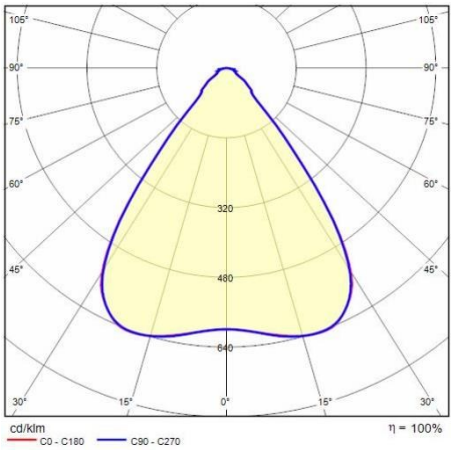
MacAdam:	3	**Lumen maintenance:**	L80B10@125000h
Distribution of light emission:	Direct	**UGR max.:**	22.0

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Photometric data



Optional accessories

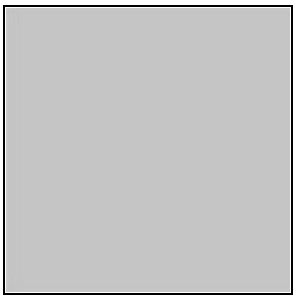
UNIQO



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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