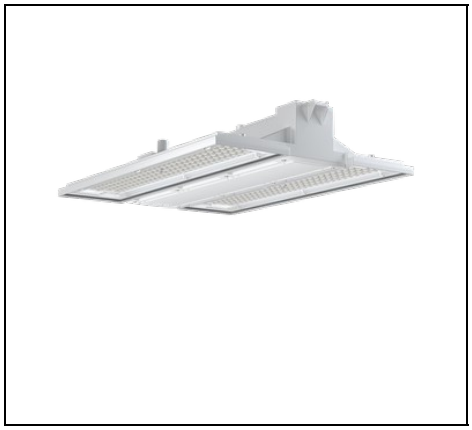
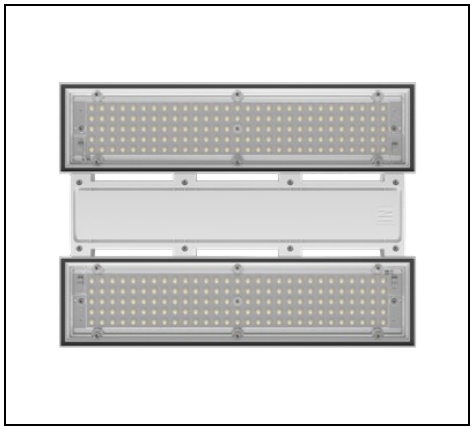
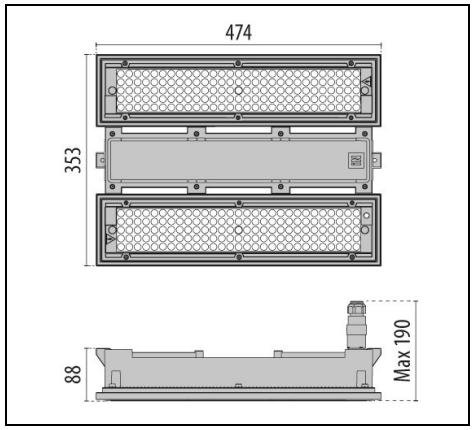
date: 28/10/2026

LAMA+ 100 EM

Part number LTH3153EQ857







IP 65 | CLASS I | QUICK | 3h | SPD 10kV | CE | UKCA

Description

Suspended LED fixture for industrial lighting, for indoor use, consisting of:
- Die-cast aluminium housing, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- UV and heat stabilised, technopolymer diffuser with integral custom moulded optics
- High-transparency polycarbonate optics
- S/W optic with UGR<25
- EPDM sealing gasket
- Technopolymer cable compartment cover
- Stainless steel suspension hook designed to be mounted on the fixture body quickly and without the use of tools to optimize installation time
- The IP66-rated socket-plug fast connector for mains connection without opening the luminaire. Made in PA66 with silver-plated brass contacts for cables Ø 9 - Ø 12 mm
- Stainless steel locking hardware
- The protective glass, available as accessory, shall be used in environments with mineral or natural oils or in atmospheres that are not compatible with polycarbonate
- Openable and maintainable luminaire (future-proof)
- The SOFT versions feature diffuser optics
- Appliance certified in accordance with the DIN 18032-2 standard, therefore suitable for installation in fitness centres or indoor sports structures
- Installation in gyms or sports facilities must be carried out using the mounting bracket or, if the fixtures must be suspended, using the specific carabiners. All these fastening elements are available as accessories
- Design by ROBERTO FIORATO

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]:	20736	**Luminaire lumen output [lm]:**	16970
Luminaire wattage [W]:	99 W	**Luminous efficacy [lm/W]:**	171
CRI:	80	**Colour temperature [K]:**	5700
Colour / Finishing:	WH-87 / White / Textured	**IP degree of protection:**	IP65
Impact resistance / impact energy:	IK07 2.6J xx5	**Protection class:**	I
Optic:	ELL - Elliptical	**Net weight [kg]:**	4.602
Overall length [mm]:	475	**Overall width [mm]:**	353
Overall height [mm]:	133		

Mechanical features

Shape:	Rectangular	**Housing material:**	Aluminium
Diffuser material:	Plastic	**Glow wire test [°C]:**	750 °C

Electrical features

Voltage type:	AC/DC	**Input voltage [V AC]:**	198-264
Input frequency [Hz]:	0/50/60	**Power factor / COS Φ:**	0.95
Input voltage [V DC]:	176-276	**Surge protection | Common [kV]:**	4.000000
Surge protection | Differential [kV]:	4.000000	**Inrush current [A/µs]:**	5 / 1000
C10 1.5 mm²:	22	**C16 2.5 mm²:**	37
B10 1.5 mm²:	13	**B16 2.5 mm²:**	22

Installation

Application area:	Indoor lighting	**Mounting type:**	High bay and low bay
Min. ambient temperature [°C]:	0	**Max. ambient temperature [°C]:**	25

Light features

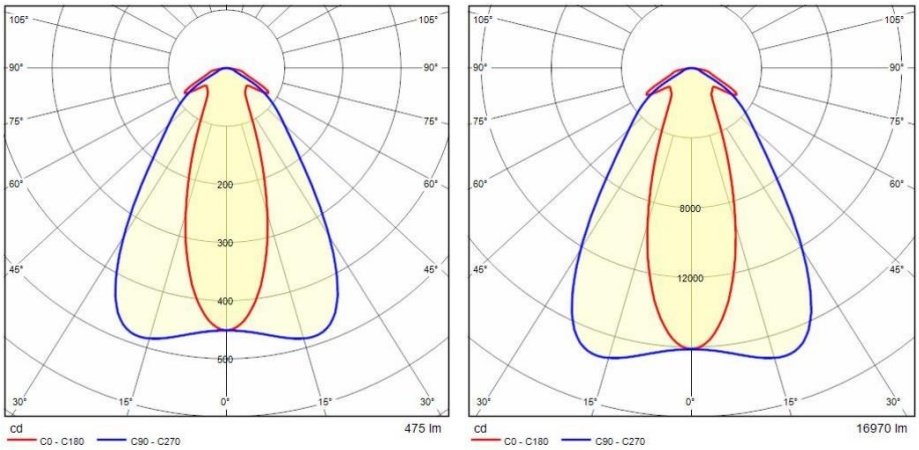
MacAdam:	3	**Lumen maintenance:**	L80B10@170000h
Distribution of light emission:	Direct		

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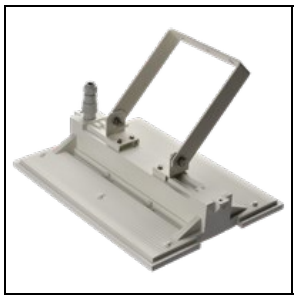
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Photometric data



Optional accessories

LAMA+



LTH3A2015

LAMA+ wall/ceiling bracket kit

WH-87 / White

LTH3A2053

Stainless steel spring carabiner kit (2 pcs.)

INOX / Stainless steel



LTH3A5033

Transparent protective glass

WH-87 / White

LTH3A2045

Recessed frame for false ceilings

WH-87 / White

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