

# LAMA+ ELL

Part number 3105878



## Description

Suspended LED luminaire for indoor and outdoor industrial applications, comprising:

- 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<22
- Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity
- Technopolymer cable compartment cover
- Light beam obtained by the combination of multiple LED modules
- Galvanised steel suspension hooks
- The IP66-rated socket-plug fast connector for mains connection without opening the luminaire. Made in PA66 with silver-plated brass contacts for cables  $\varnothing$  9 -  $\varnothing$  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
- DETEK versions include passive infrared motion sensor
- DETEK will not operate with the protective glass
- The SMART (SPD 10kV) version, supplied with an electronic device for the intelligent management of light, is based on wireless platform 868MHz. It allows to operate systems able to interact with the surrounding environment dynamically. Specific accessories to program and manage the system are available
- 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
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08
- Design by ROBERTO FIORATO

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## Product data

ETIM Group:	EG000027	ETIM Class:	EC001716
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## General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	26766	Luminaire lumen output [lm]:	23626
Luminaire wattage [W]:	150 W	Luminous efficacy [lm/W]:	158
CRI:	80	Colour temperature [K]:	4000
Colour / Finishing:	WH-87 / White / Textured	IP degree of protection:	IP66
IK-J-xxIP:	IK07 2.6J xx5	Protection class:	I
Optic:	Elliptical	Beam angle:	45°x85°
Net weight [kg]:	7.4	Overall length [mm]:	460
Overall width [mm]:	418	Overall height [mm]:	160

## Mechanical features

Shape:	RECTANGULAR	Housing material:	Aluminium
Diffuser material:	PLASTIC	Glow wire test [°C]:	750 °C
Anti-vandal screws:			

## Electrical features

Voltage type:	AC	Input voltage [V AC]:	220/240
Input frequency [Hz]:	50/60	Power factor / COS Φ:	0.9
Surge protection   Common [kV]:	4.0	Inrush current [A/μs]:	9 / 456
C10 1.5 mm <sup>2</sup> :	6	C16 2.5 mm <sup>2</sup> :	10
B10 1.5 mm <sup>2</sup> :	4	B16 2.5 mm <sup>2</sup> :	6

## Installation

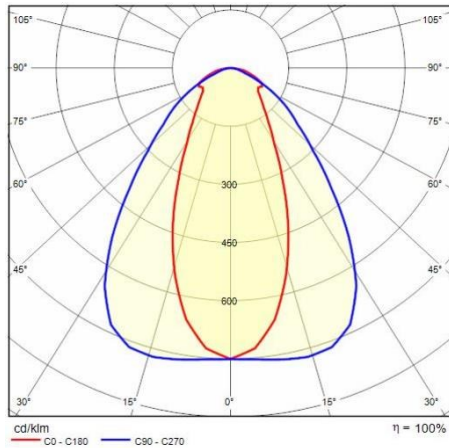
Application area:	Indoor	Mounting type:	Hi / low-bay
Min. ambient temperature [°C]:	-40	Max. ambient temperature [°C]:	60

## Light features

MacAdam:	3	Lumen maintenance:	L90B10@100000h
Distribution of light emission:	Direct		

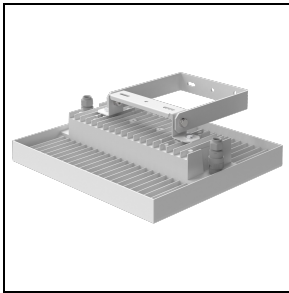
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## Photometric data



## Optional accessories

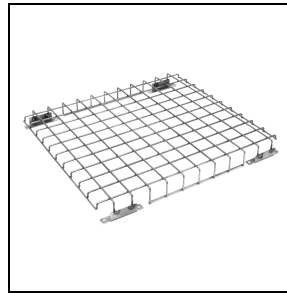
### LAMA+



**3107443**

LAMA+ wall/ceiling bracket kit

WH-87 / White



**14475620**

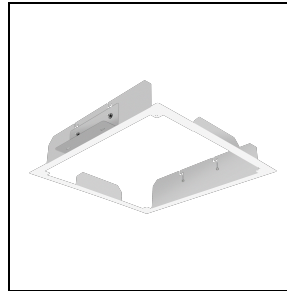
Protective grid LAMA+ IK 10



**3101574**

Transparent protective glass IK 10

WH-87 / White



**14475820**

Recessed Frame in painted steel for installation in false ceilings. Are not compatible with protective glass

WH-87 / White