

# LASER+ 10 ELL

Part number 3107700



## Description

LED floodlight for indoor and outdoor, comprising:

- Die-cast aluminium bearing structure 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
- Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity
- High-efficiency die-cast aluminium heat sink
- Light beam obtained by the combination of multiple LED modules
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory
- Stainless steel locking hardware
- Galvanised powder-coated steel bracket
- All LASER+ power consumption includes power unit losses
- Integral graduated goniometer for aiming purposes
- Integral control gearbox, placed in a powder-coated, sheet metal compartment. Mains connection trough M25x1.5 anti-tearing cable gland in polyamide box, for cables Ø 9 - Ø 16 mm (LASER+ 10 models)
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM)
- Design by GIORGIO LODI

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## Product data

ETIM Group:	EG000027	ETIM Class:	EC001744
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## General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	79100	Luminaire wattage [W]:	542 W
CRI:	80	Colour temperature [K]:	5700
Colour / Finishing:	GR-94 / Metallic grey / Textured	IP degree of protection:	IP66
Impact resistance / impact energy:	IK08 6J xx5	Protection class:	I
Optic:	ELL - Elliptical	Beam angle:	10°x25°
Net weight [kg]:	24.499	Overall length [mm]:	546
Overall width [mm]:	781	Overall height [mm]:	102

## Mechanical features

Shape:	Rectangular	Housing material:	Aluminium
Diffuser material:	Plastic	Glow wire test [°C]:	960 °C
Frontal exposed area [m <sup>2</sup> ]:	0.08	Lateral exposed area [m <sup>2</sup> ]:	0.05
Top exposed area [m <sup>2</sup> ]:	0.34		

## 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]:	10.000000	Surge protection   Differential [kV]:	10.000000
Inrush current [A/μs]:	78 / 650	C10 1.5 mm <sup>2</sup> :	2
C16 2.5 mm <sup>2</sup> :	4	B10 1.5 mm <sup>2</sup> :	1
B16 2.5 mm <sup>2</sup> :	2		

## Installation

Application area:	Outdoor lighting	Mounting type:	Professional floodlight
Min. ambient temperature [°C]:	-40	Max. ambient temperature [°C]:	40
Min. distance from lighted object [m]:	1.00		

## Light features

MacAdam:	5	Lumen maintenance:	L80B10@72000h
Distribution of light emission:	Direct	Luminous Intensity Class:	G'5
Zero light pollution (ULR = 0%):			

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## Optional accessories

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### LASER+



**3109552**

Pointer support