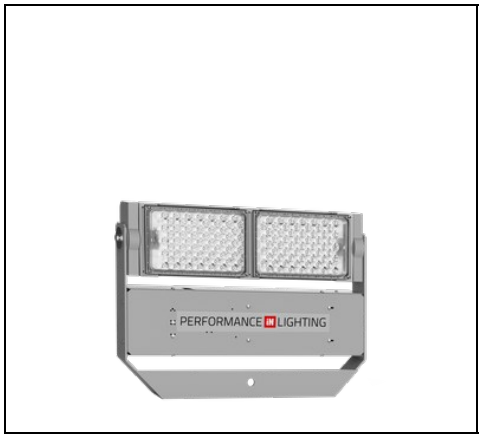
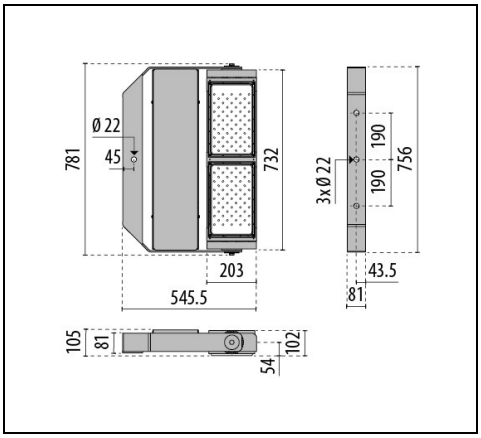
LASER+ 10 EXTREME A/I

Part number 3119479







Description

High-powered 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
- Ultra-high efficiency anodised extruded aluminium heat sink
- The superior heat dissipation provided by the extruded aluminium heat sink allows a maximum luminaire operating temperature of 50°C, without dimming down the system
- Die-cast aluminium electrical connection box polyester powder coat finish ISO 9227/19244 - ISO 9233 (C5)
- Electrical connection through a 1.5-meter piece of H07RN-F 7G1.5 cable, allowing the electrical connection without opening the luminaire body. The electrical connection, with the cable coming from the power supply unit, must be made using a suitable waterproof system (e.g. junction box) with at least IP66 protection rating.
- Light beam obtained by the combination of multiple LED modules
- Die-cast aluminium bracket, polyester powder coat prior surface chemical conversion
- Galvanised powder-coated steel bracket (LASER+ 10)
- Stainless steel locking hardware
- All LASER+ power consumption includes power unit losses
- Integral graduated goniometer for aiming purposes
- For LASER+ 20/30 models use only the power supply units available as accessories (ordered separately)
- IP66-rated power control gears available in DALI and DMX-RDM. Maximum distance of 100 m cable length between control gear and luminaire
- Correctly match the floodlight with the control gear. Pay attention to the models and the number of connection channels: two (2CH) and three (3CH)
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM)
- Integral control gearbox, placed in a powder-coated, sheet metal compartment. Mains connection trough M25x1.5 anti-tearing cable gland in

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www.performanceinlighting.com

polyamide box, for cables Ø 9 - Ø 16 mm (LASER+ 10 models)

- Integral DALI or DMX 512-RDM drivers depending on models (LASER+ 10)
- The LASER+ 10 versions are complete with additional surge protection device (SPD) up to 10 kV (CM/DM)
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory
- For up lighting installation, consult factory

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Product data

ETIM Group:	EG000027	**ETIM Class:**	EC001744

General information

Lampholder:	LED	**Light source:**	LED
Lightsource lumen output [lm]:	61600	**Luminaire wattage [W]:**	542 W
CRI:	90	**Colour temperature [K]:**	5700
Colour / Finishing:	GR-94 / Metallic grey / Textured	**IP degree of protection:**	IP66
Impact resistance / impact energy:	IK09 13J xx7	**Protection class:**	I
Optic:	A30/I - Asymmetric Intensive	**Beam angle:**	30°
Net weight [kg]:	24.049	**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 [m²]:	0.08	**Lateral exposed area [m²]:**	0.05
Top exposed area [m²]:	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]:	80 / 650	**C10 1.5 mm²:**	2
C16 2.5 mm²:	4	**B10 1.5 mm²:**	1
B16 2.5 mm²:	2		

Installation

Application area:	Outdoor lighting	**Mounting type:**	Professional floodlight
Min. ambient temperature [°C]:	-40	**Max. ambient temperature [°C]:**	50
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*6
Zero light pollution (ULR = 0%):			

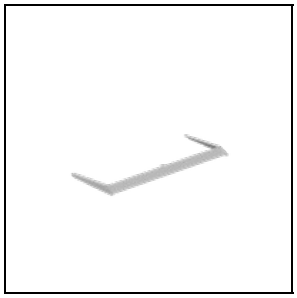
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Optional accessories

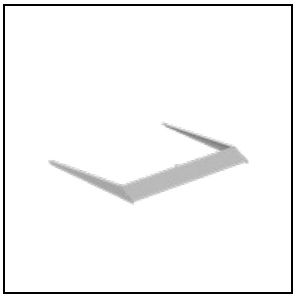
LASER+ 10 EXTREME



3109551

Louvre LASER+ 10 - 5°

GR-94 / Metallic grey



3115076

Louvre LASER+ 10 - 10°

GR-94 / Metallic grey

LASER+ EXTREME ELL / C



3109552

Pointer support

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