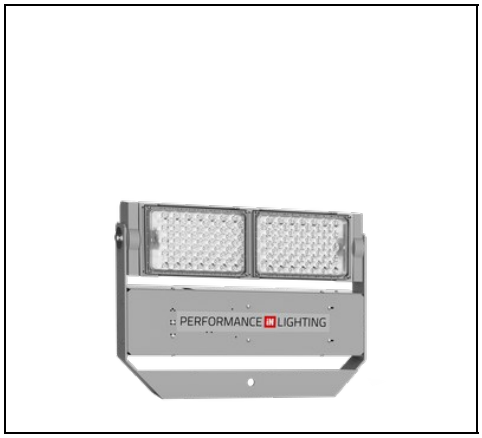
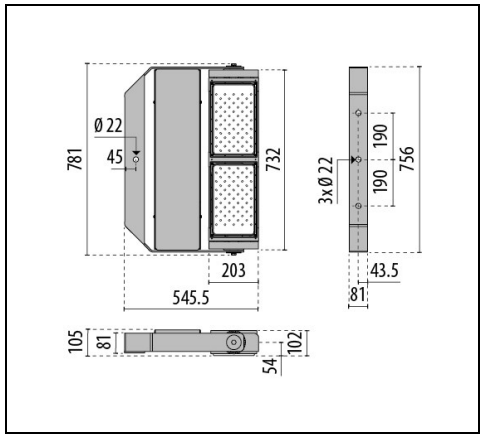
LASER+ 10 EXTREME A/I

Part number 3119480







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 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)

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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- 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]:	90500	**Luminaire wattage [W]:**	542 W
CRI:	70	**Colour temperature [K]:**	4000
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@50000h
Distribution of light emission:	Direct	**Luminous Intensity Class:**	G*6
Zero light pollution (ULR = 0%):			

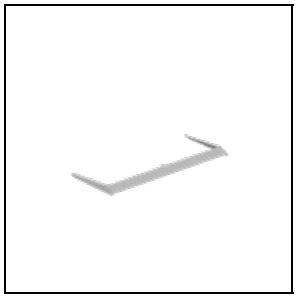
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Optional accessories

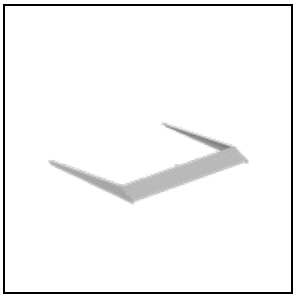
LASER+ 10 EXTREME



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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