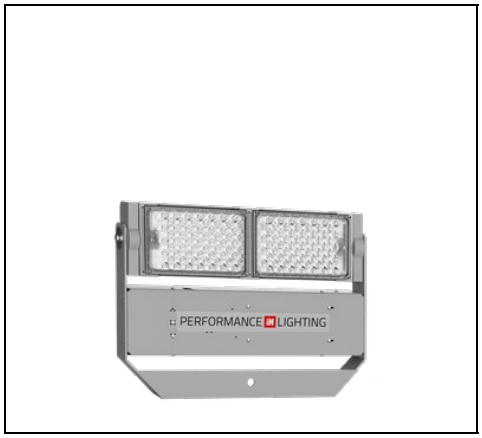
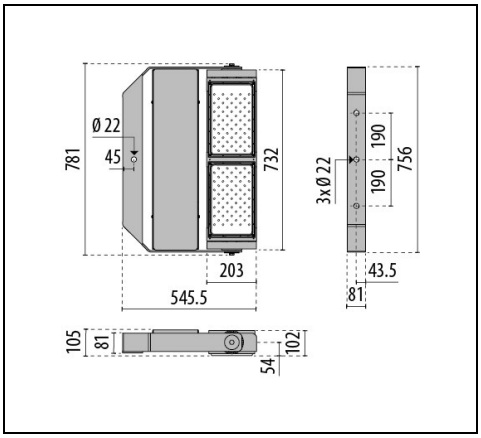
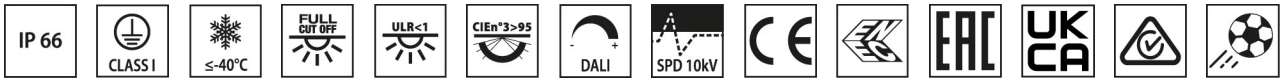
LASER+ 10 A/M

Part number 3107712







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

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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Product data

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

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:	IK09 13J xx7	**Protection class:**	I
Optic:	A50/M - Asymmetric Medium	**Beam angle:**	50°
Net weight [kg]:	23.981	**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]:	78 / 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]:**	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*6
Zero light pollution (ULR = 0%):			

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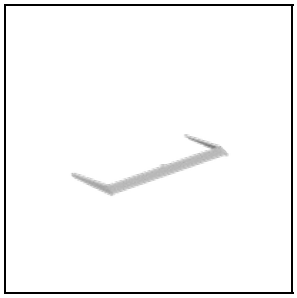
Optional accessories

LASER+ 10



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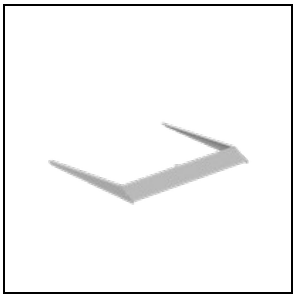
Louvre LASER+ 10 - 5°

GR-94 / Metallic grey



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Louvre LASER+ 10 - 10°

GR-94 / Metallic grey

LASER+

3109552

Pointer support

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