

LASER+ 10 C/I

Part number 3107695



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
- Intensive circular optic
- 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 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

Product data

| | | | |
|-------------|----------|-------------|----------|
| ETIM Group: | EG000027 | ETIM Class: | EC001744 |
|-------------|----------|-------------|----------|

General information

| | | | |
|------------------------------------|----------------------------------|--------------------------|-------|
| Lampholder: | LED | Light source: | LED |
| Lightsource lumen output [lm]: | 86700 | Luminaire wattage [W]: | 542 W |
| CRI: | 70 | 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: | C/I - Circular Intensive | Beam angle: | 16° |
| Net weight [kg]: | 24.435 | 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 ²]: | 0.08 | Lateral exposed area [m ²]: | 0.05 |
| Top exposed area [m ²]: | 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 ² : | 2 |
| C16 2.5 mm ² : | 4 | B10 1.5 mm ² : | 1 |
| B16 2.5 mm ² : | 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@50000h |
| Distribution of light emission: | Direct | Luminous Intensity Class: | G'5 |
| Zero light pollution (ULR = 0%): | | | |

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Optional accessories

LASER+



3109552

Pointer support