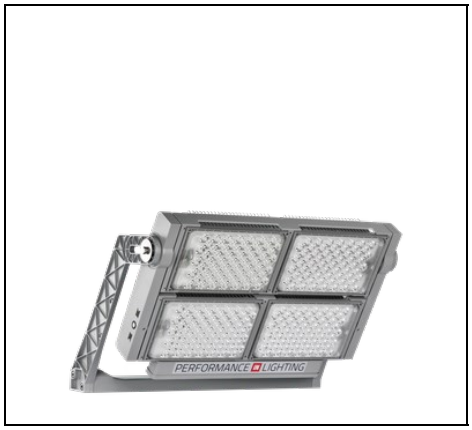
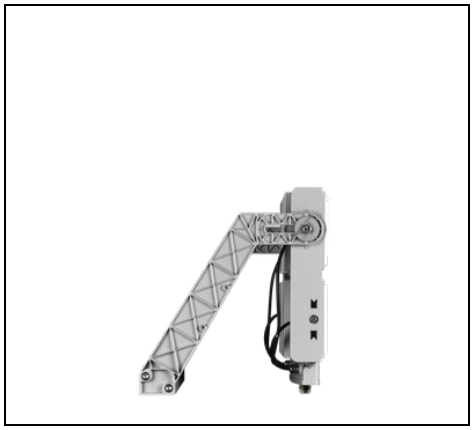
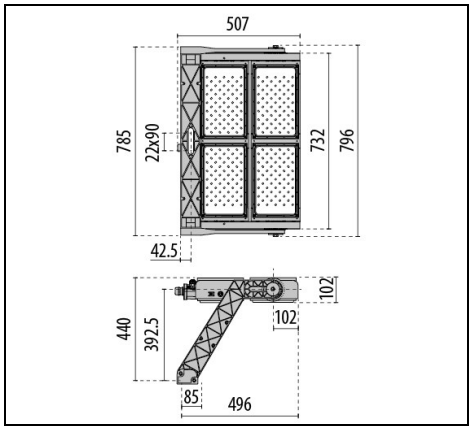
date: 23/10/2026

# LASER+ 20 EXTREME ELL

## Part number 3107768






IP 66 | CLASS I | ≤-40°C | ≥ +50° | QUICK | FULL CUT OFF | ULR<1 | CIEn°3>95 | CE | EAC | UKCA

### 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
- Ultra-high efficiency anodised extruded aluminium heat sink
- 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
- 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
- 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
- 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]:** | 154700 | **Luminaire wattage [W]:** | 1060 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:** | 15°x34° |
| **Net weight [kg]:** | 25.315 | **Overall length [mm]:** | 496 |
| **Overall width [mm]:** | 796 | **Overall height [mm]:** | 440 |

## Mechanical features

| | | | |
|---|---|---|---|
| **Shape:** | Rectangular | **Housing material:** | Aluminium |
| **Diffuser material:** | Plastic | **Glow wire test [°C]:** | 960 °C |
| **Frontal exposed area [m²]:** | 0.1 | **Lateral exposed area [m²]:** | 0.07 |
| **Top exposed area [m²]:** | 0.39 | | |

## Electrical features

| | |
|---|---|
| **Power factor / COS Φ:** | >0.9 |

## 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*5 |
| **Zero light pollution (ULR = 0%):** | | | |

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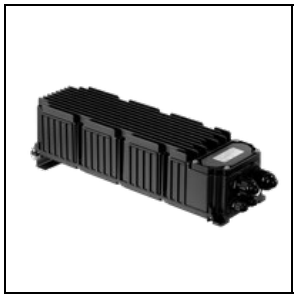
## Control gear

### LASER+ 20 EXTREME



**3109423**

Driver box 1000 - 1,4 A - 2 CH - DALI

**3109424**

Driver box 1000 - 1,4 A - 2 CH - DMX

## Optional accessories

### LASER+ EXTREME

**3117476**

Brackets supports for driver

INOX / Stainless steel

### LASER+ EXTREME ELL / C

**3109552**

Pointer support

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