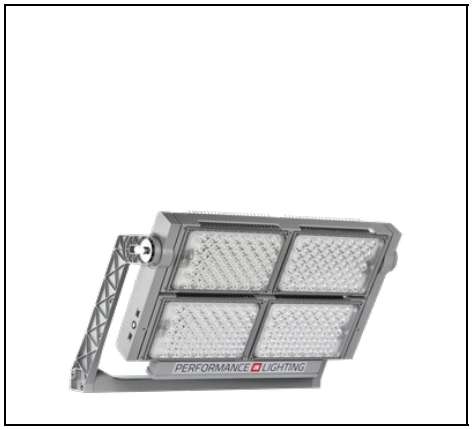
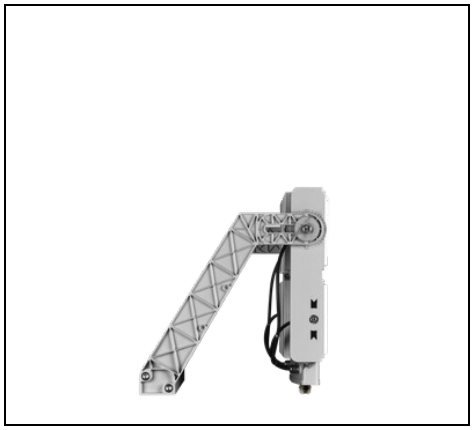
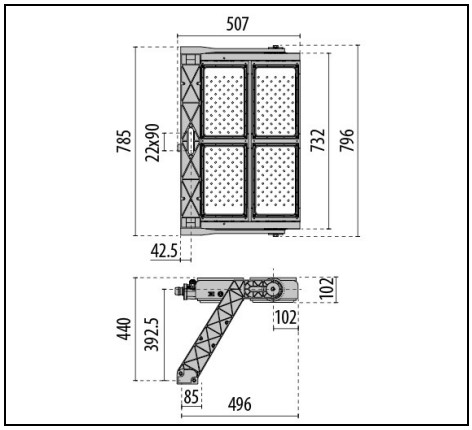
# LASER+ 20 C/I

## Part number 3107655






IP 66 | CLASS I | ≤-40°C | QUICK | FULL CUT OFF | ULR<1 | CIEn°3>95

### 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
- 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
- Die-cast aluminium bracket, polyester powder coat prior surface chemical conversion
- 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
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM)
- Design by GIORGIO LODI

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For information:
**PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy**
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

**info.it@pil.lighting**
www.performanceinlighting.com

## Product data

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

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | LED |
| **Lightsource lumen output [lm]:** | 169600 | **Luminaire wattage [W]:** | 1060 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:** | 10° |
| **Net weight [kg]:** | 24.775 | **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]:** | 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%):** | | | |

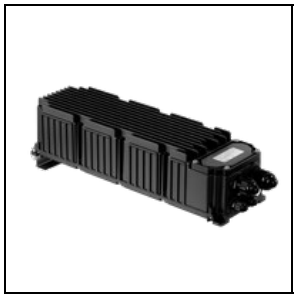
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## Control gear

### LASER+ 20



**3109423**

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



**3109424**

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

## Optional accessories

### LASER+



**3109552**

Pointer support



**3117476**

Brackets supports for driver

INOX / Stainless steel

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