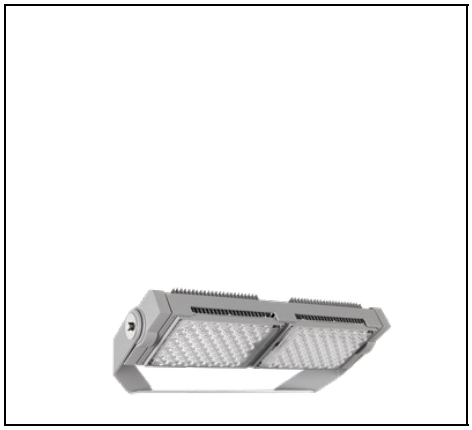
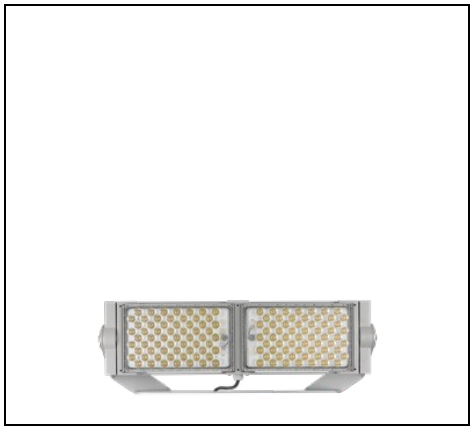
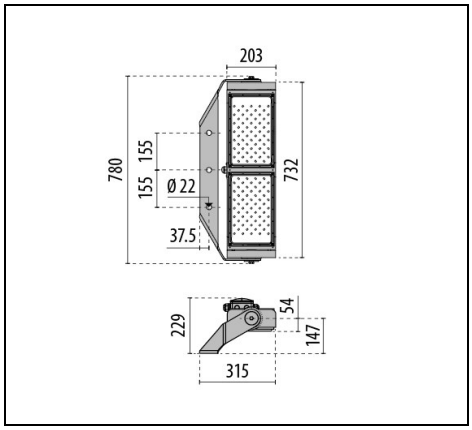
# LASER+ 10 EXTREME ELL RM

## Part number 3116864











### 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
- Technopolymer electrical connection box
- M20x1.5 cable gland for cables Ø10–Ø14 mm
- Light beam obtained by the combination of multiple LED modules
- 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 watertight power supply units with DALI or DMX-RDM dimming, with one channel (1CH - for one projector), two channels (1 + 1CH - for two projectors) and three channels (1 + 1 + 1CH - for three projectors) are available as an accessory. Maximum distance of 100 m cable length between the units and the luminaire (50 m for 1CH units)
- For the electrical connection between the two and three-channel power supply units and the projectors, use the watertight junction box available as an accessory
- Power supply units can be addressed separately for independent lighting management of each projector. Therefore, for the two and three-channel units, two and three dimming addresses will be needed respectively
- The power supply groups are made up of drivers with protection against mains power surges of up to 10 kV (CM/DM)
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory
- For up lighting installation, consult factory

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:
**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

- 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:
**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]:** | 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:** | IK08 6J xx5 | **Protection class:** | I |
| **Optic:** | ELL - Elliptical | **Beam angle:** | 15°x34° |
| **Net weight [kg]:** | 14.404 | **Overall length [mm]:** | 315 |
| **Overall width [mm]:** | 780 | **Overall height [mm]:** | 229 |

## Mechanical features

| | | | |
|---|---|---|---|
| **Shape:** | Rectangular | **Housing material:** | Aluminium |
| **Diffuser material:** | Plastic | **Glow wire test [°C]:** | 750 °C |
| **Frontal exposed area [m²]:** | 0.09 | **Lateral exposed area [m²]:** | 0.03 |
| **Top exposed area [m²]:** | 0.19 | | |

## 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%):** | | | |

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:
**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

## Control gear

### LASER+ 10 EXTREME



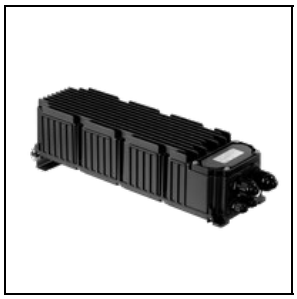
**3116294**

DRIVER BOX 600 W - 2,8 A - 1 CH - DALI



**3116295**

DRIVER BOX 600 W - 2,8 A - 1 CH - DMX



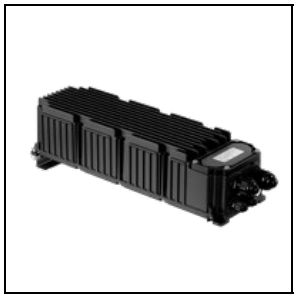
**3116296**

DRIVER BOX 1000 W - 1,4 A - 1+1 CH - DALI



**3116297**

DRIVER BOX 1000 W - 1,4 A - 1+1 CH - DMX



**3116298**

DRIVER BOX 1500 W - 1,4 A - 1+1+1 CH - DALI



**3116299**

DRIVER BOX 1500 W - 1,4 A - 1+1+1 CH - DMX

## Optional accessories

### LASER+ 10 EXTREME RM



**3109552**

Pointer support



**3116044**

Connection Kit Y 2-3-way

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:
**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