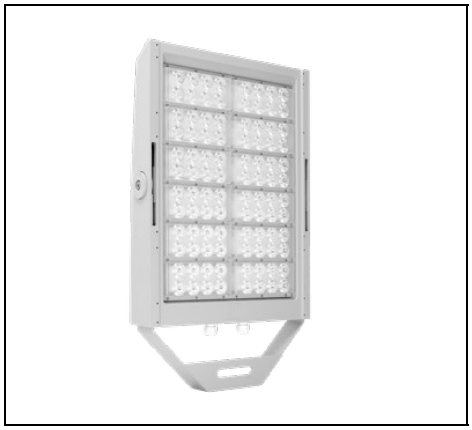
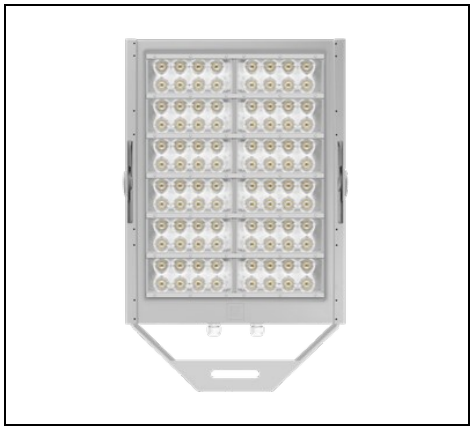
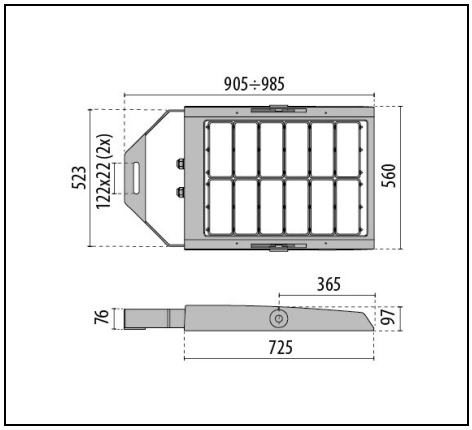
# SQUARE PRO 96/4 ELL

## Part number 3119538








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

### Description

High-powered LED floodlight for indoor and outdoor, comprising:
- Die-cast aluminium housing, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- High-transparency polycarbonate optics
- Anti-ageing custom moulded silicone sealing gasket(s)
- Built-in electrical connection box with aluminium cover
- Waterproof M25x1.5 cable gland for cables Ø 10 - Ø 16 mm
- 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
- Integral graduated goniometer for aiming purposes
- All SQUARE PRO power consumption includes power unit losses
- SQUARE PRO 4CH versions are not compatible with protective glass
- To connect the SQUARE PRO use the control gears supplied as accessories only
- ON-OFF, dimmable DALI and DMX-RDM control gears can be housed in IP66-rated boxes or on IP20-rated metal plates (for electrical panels). The electrical connection between control gear and floodlight must take place with a maximum cable length distance of 50 m
- Correctly match the floodlight with the control gear. Pay attention to the models and the number of connections: two (2CH), three (3CH) or four (4CH) channels
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM) for every driver unit/box

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]:** | 165633 | **Luminaire lumen output [lm]:** | 135779 |
| **Luminaire wattage [W]:** | 1118 W | **Luminous efficacy [lm/W]:** | 121 |
| **CRI:** | 70 | **Colour temperature [K]:** | 4000 |
| **Colour / Finishing:** | GR-94 / Metallic grey / Textured | **IP degree of protection:** | IP66 |
| **Impact resistance / impact energy:** | IK07 3J xx5 | **Protection class:** | I |
| **Optic:** | ELL - Elliptical | **Beam angle:** | 30°x40° |
| **Net weight [kg]:** | 22.5 | **Overall length [mm]:** | 560 |
| **Overall width [mm]:** | 985 | **Overall height [mm]:** | 97 |

## Mechanical features

| | | | |
|---|---|---|---|
| **Shape:** | Rectangular | **Housing material:** | Aluminium |
| **Diffuser material:** | Plastic | **Glow wire test [°C]:** | 850 °C |
| **Frontal exposed area [m²]:** | 0.04 | **Lateral exposed area [m²]:** | 0.08 |
| **Top exposed area [m²]:** | 0.42 | | |

## Installation

| | | | |
|---|---|---|---|
| **Application area:** | Outdoor lighting | **Mounting type:** | Professional floodlight |
| **Min. ambient temperature [°C]:** | -40 | **Max. ambient temperature [°C]:** | 35 |
| **Min. distance from lighted object [m]:** | 1.00 | | |

## Light features

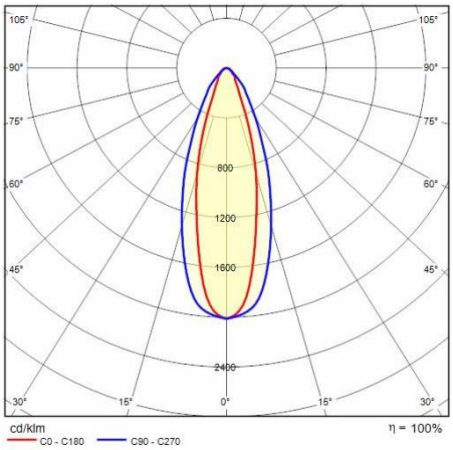
| | | | |
|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L90B10@30000h |
| **Distribution of light emission:** | Direct | **DFF - Downward Flux Fraction [%]:** | 100 |
| **UFF - Upward Flux Fraction [%]:** | 0 | **Luminous Intensity Class:** | G*6 |
| **Zero light pollution (ULR = 0%):** | | **IPEA* (road lighting):** | A+ |
| **IPEA* (large areas, roundabouts):** | A3+ | **IPEA* (cycle-pedestrian):** | A++ |
| **IPEA* (green areas):** | A++ | **IPEA* (historic city centers):** | A5+ |

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

## Photometric data




## Control gear

### Drivers box IP66 - SQUARE PRO 96/4 - A/I - A/M - C/I - ELL



**310988**

Drivers box 1100 W - 1.8A - 4CH - DALI
- 220-240 V 50/60 Hz

GR-94 / Metallic grey

## Optional accessories

### SQUARE PRO



**14474201**

Protective grid SQUARE PRO

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