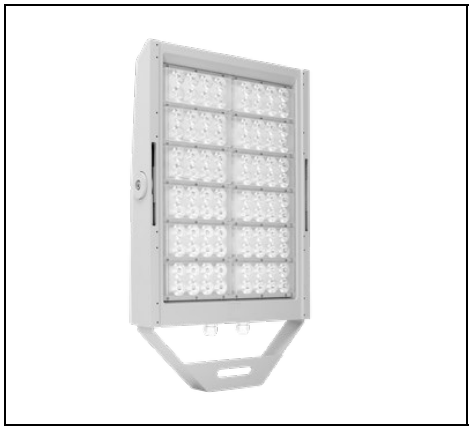
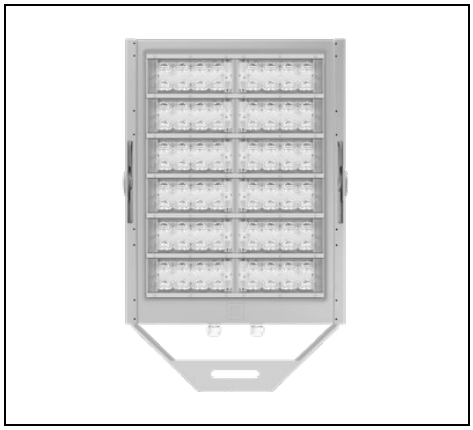
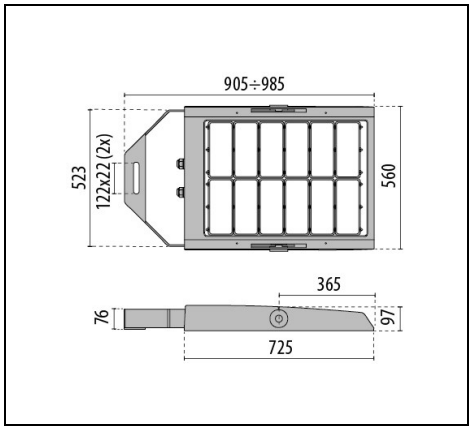
# SQUARE PRO 96/3 A/I

## Part number 3119520








IP 66 | CLASS I | ≤-40°C | FULL CUT OFF | ULR<1 | 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
- 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

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For information:
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**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]:** | 137991 | **Luminaire lumen output [lm]:** | 114689 |
| **Luminaire wattage [W]:** | 835 W | **Luminous efficacy [lm/W]:** | 137 |
| **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:** | A65/I - Asymmetric Intensive | **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]:** | 45 |
| **Min. distance from lighted object [m]:** | 1.00 | | |

## Light features

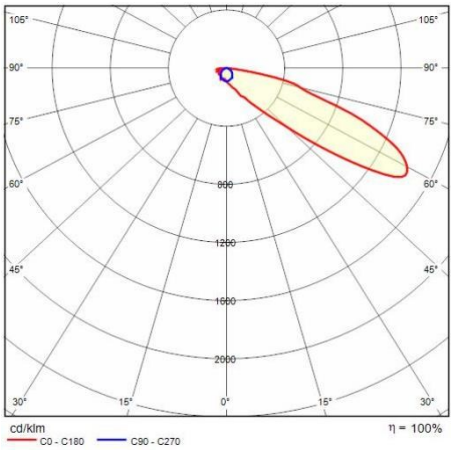
| | | | |
|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L90B10@70000h |
| **Distribution of light emission:** | Direct | **DFF - Downward Flux Fraction [%]:** | 100 |
| **UFF - Upward Flux Fraction [%]:** | 0 | **Luminous Intensity Class:** | None |
| **Zero light pollution (ULR = 0%):** | | **IPEA* (road lighting):** | A++ |
| **IPEA* (large areas, roundabouts):** | A5+ | **IPEA* (cycle-pedestrian):** | A3+ |
| **IPEA* (green areas):** | A3+ | **IPEA* (historic city centers):** | A7+ |

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## Photometric data




## Control gear

### Drivers box IP66 - SQUARE PRO 96/3 - A/I - A/M - C/I - ELL



**14474094**

Drivers box 900 W - 1.4A - 3CH - 220-240 V 50/60 Hz

GR-94 / Metallic grey

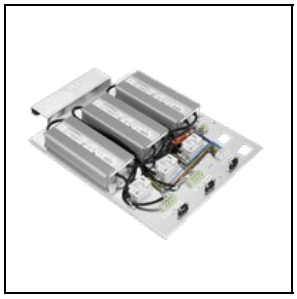


**14474194**

Drivers box 900 W - 1.4A- 3CH - DALI 220-240 V 50/60 Hz

GR-94 / Metallic grey

### Drivers unit IP20 - SQUARE PRO 96/3 - A/I - A/M - C/I - ELL



**14473601**

Drivers unit 900 W - 1.4A - 3CH - 220-240 V 50/60 Hz

## Optional accessories

SQUARE PRO

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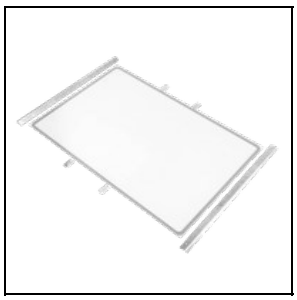
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**14474201**

Protective grid SQUARE PRO

## SQUARE PRO (max 840 W)



**14474494**

Protective glass SQUARE PRO (max 840 W)

GR-94 / Metallic grey

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