

SQUARE PRO GLASS 710/3 S/W

Part number 3104804



Description

LED floodlight for indoor and outdoor, comprising:

- Die-cast aluminium housing, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- Extra-clear, toughened, flat glass diffuser, silk-screened on the inside
- High-performance polished, oxidised, iridescence-free, aluminium reflector (Al 99.99)
- High-efficiency aluminised technopolymer reflector with protective surface treatment (C/I versions)
- Foam silicone sealing gaskets directly applied on glass without joints
- Built-in electrical connection box with aluminium cover
- Connection box including anti-ageing silicone sealing gasket
- Waterproof M25x1.5 cable gland for cables \varnothing 10 - \varnothing 16 mm
- Light beam obtained by the combination of multiple LED modules
- The 4000 K and 3000 K LED versions are $CRI \geq 70$. Consult factory for other colour temperatures (CCT) and colour renderings index (CRI)
- Glass locking fasteners powder-coated stainless-steel
- Stainless steel locking hardware
- Galvanised powder-coated steel bracket
- Integral graduated goniometer for aiming purposes
- All SQUARE PRO power consumption includes power unit losses
- Correctly match the floodlight with the control gear. Pay attention to the models and the number of connection channels: two (2CH) and three (3CH)
- ON-OFF, dimmable DALI and 1-10V 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
- 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 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

Product data

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

General information

| | | | |
|------------------------------------|----------------------------------|------------------------------|--------|
| Lampholder: | LED | Light source: | LED |
| Lightsource lumen output [lm]: | 108000 | Luminaire lumen output [lm]: | 94845 |
| Luminaire wattage [W]: | 710 W | Luminous efficacy [lm/W]: | 134 |
| CRI: | 70 | Colour temperature [K]: | 3000 |
| Colour / Finishing: | GR-94 / Metallic grey / Textured | IP degree of protection: | IP66 |
| Impact resistance / impact energy: | IK07 3J xx5 | Protection class: | I |
| Optic: | S/W - Symmetric Wide | Net weight [kg]: | 26.786 |
| Overall length [mm]: | 560 | Overall width [mm]: | 985 |
| Overall height [mm]: | 105 | | |

Mechanical features

| | | | |
|---|-------------|---|-----------|
| Shape: | Rectangular | Housing material: | Aluminium |
| Diffuser material: | Glass | Glow wire test [°C]: | 850 °C |
| Frontal exposed area [m ²]: | 0.04 | Lateral exposed area [m ²]: | 0.08 |
| Top exposed area [m ²]: | 0.42 | | |

Installation

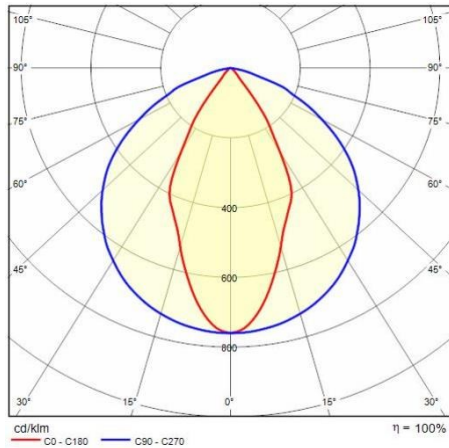
| | | | |
|--|------------------|--------------------------------|-------------------------|
| Application area: | Outdoor lighting | Mounting type: | Professional floodlight |
| Min. ambient temperature [°C]: | -40 | Max. ambient temperature [°C]: | 50 |
| Min. distance from lighted object [m]: | 1.00 | | |

Light features

| | | | |
|-----------------------------------|--------|--------------------------------|---------------|
| MacAdam: | 5 | Lumen maintenance: | L80B10@71000h |
| Distribution of light emission: | Direct | Luminous Intensity Class: | G*6 |
| 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): | A6+ |

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Photometric data



Control gear

Drivers box IP66 - SQUARE PRO GLASS 710/3 - S/W - A50/W

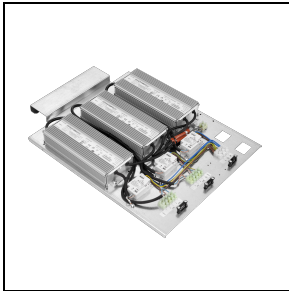


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Drivers box 750 W - 1.1A - 3CH - DALI
220-240 V 50/60 Hz

■ GR-94 / Metallic grey

Drivers unit IP20 - SQUARE PRO GLASS 710/3 - S/W - A50/W



3104829

Drivers unit 750 W - 1.1A - 3CH - DALI
220-240 V 50/60 Hz

Optional accessories

SQUARE PRO GLASS A50/W



3105479

Louvre SQUARE PRO GLASS A50/W

■ GR-94 / Metallic grey