

SQUARE PRO GLASS 470/2 A50/W

Part number 3104806



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 $\text{CRI} \geq 70$. 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]:	72000	Luminaire lumen output [lm]:	64987
Luminaire wattage [W]:	470 W	Luminous efficacy [lm/W]:	138
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:	A50/W - Asymmetric Wide	Net weight [kg]:	26.316
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

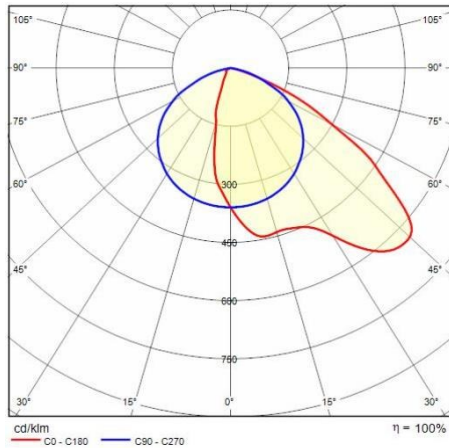
Application area:	Outdoor lighting	Mounting type:	Professional floodlight
Min. ambient temperature [°C]:	-40	Max. ambient temperature [°C]:	50
Min. distance from lighted object [m]:	1.00		

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):	A4+
IPEA* (green areas):	A4+	IPEA* (historic city centers):	A7+

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>

Photometric data



Control gear

Drivers box IP66 - SQUARE PRO GLASS 470/2 - S/W - A50/W

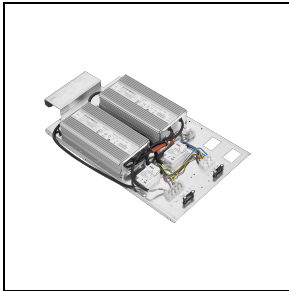


3104828

Drivers box 470 W - 1.1A - 2CH - DALI -
220-240 V 50/60 Hz

■ GR-94 / Metallic grey

Drivers unit IP20 - SQUARE PRO GLASS 470/2 - S/W - A50/W



3104830

Drivers unit 470 W - 1.1A - 2CH - DALI -
220-240 V 50/60 Hz

Optional accessories

SQUARE PRO GLASS A50/W

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>



3105479

Louvre SQUARE PRO GLASS A50/W

■ GR-94 / Metallic grey