

# SQUARE PRO GLASS 710/3 A50/W

Part number 3104801



## 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

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## Product data

ETIM Group:	EG000027	ETIM Class:	EC001744
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## General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	113616	Luminaire lumen output [lm]:	102827
Luminaire wattage [W]:	710 W	Luminous efficacy [lm/W]:	145
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:	A50/W - Asymmetric Wide	Net weight [kg]:	26.924
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 <sup>2</sup> ]:	0.04	Lateral exposed area [m <sup>2</sup> ]:	0.08
Top exposed area [m <sup>2</sup> ]:	0.42		

## Installation

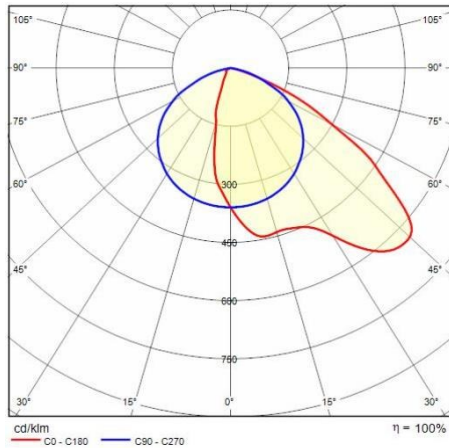
Application area:	Outdoor lighting	Mounting type:	Professional floodlight
Min. ambient temperature [°C]:	-40	Max. ambient temperature [°C]:	50
Min. distance from lighted object [m]:	1.00		

## 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):	A3+
IPEA* (large areas, roundabouts):	A6+	IPEA* (cycle-pedestrian):	A4+
IPEA* (green areas):	A4+	IPEA* (historic city centers):	A8+

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## Photometric data



## Control gear

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

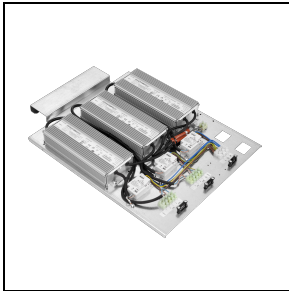


### 3104813

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

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Louvre SQUARE PRO GLASS A50/W

■ GR-94 / Metallic grey