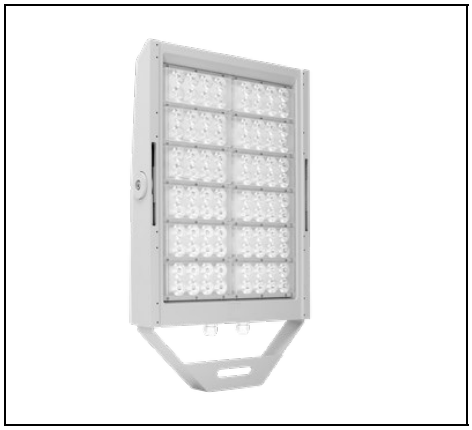
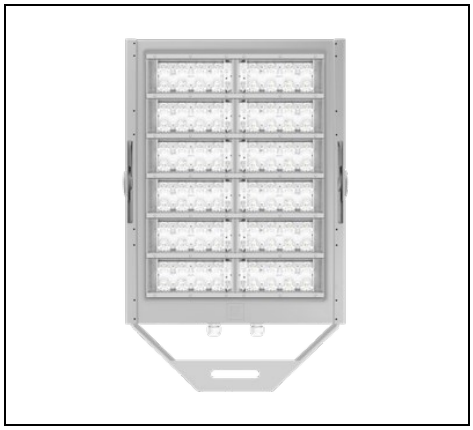
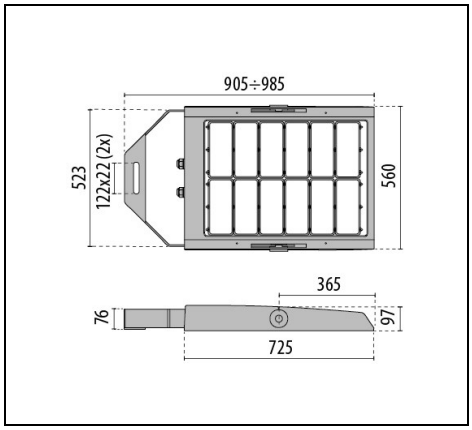
SQUARE PRO 96/4 A/M

Part number 3119532







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]:**	144347
Luminaire wattage [W]:	1118 W	**Luminous efficacy [lm/W]:**	129
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:	A45/M - Asymmetric Medium	**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

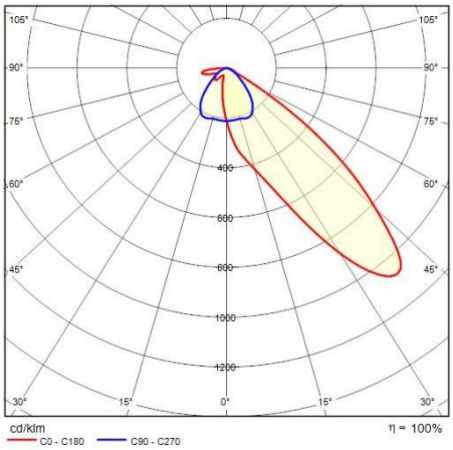
MacAdam:	3	**Lumen maintenance:**	L90B10@30000h
Distribution of light emission:	Direct	**DFF - Downward Flux Fraction [%]:**	100
UFF - Upward Flux Fraction [%]:	0	**Luminous Intensity Class:**	G*2
Zero light pollution (ULR = 0%):		**IPEA* (road lighting):**	A+
IPEA* (large areas, roundabouts):	A4+	**IPEA* (cycle-pedestrian):**	A3+
IPEA* (green areas):	A3+	**IPEA* (historic city centers):**	A6+

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