PERFORMANCE iN LIGHTING | powered by **GEWISS**

SQUARE PRO 96/3 A/M

Part number 3119522

IP 66 | CLASS I | ❄ ≤-40°C | FULL CUT OFF | ULR<1 | CIEn°3>95 | CE | EAC | UKCA | ✓ | F
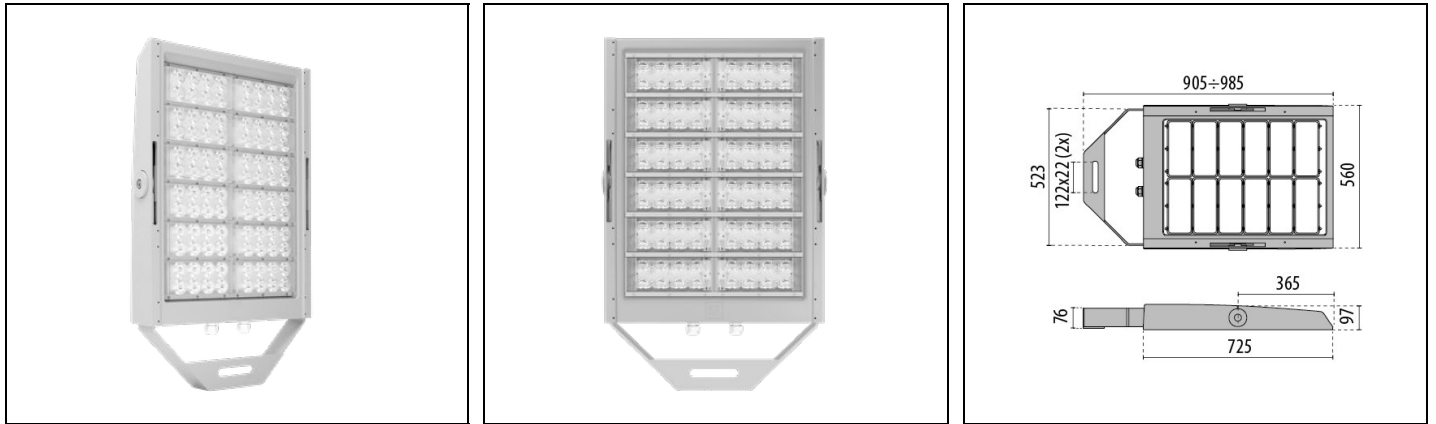
Description

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

Product data

ETIM Group:	EG000027	ETIM Class:	EC001744

General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	137991	Luminaire lumen output [lm]:	119577
Luminaire wattage [W]:	835 W	Luminous efficacy [lm/W]:	143
CRI:	70	Colour temperature [K]:	4000
Colour / Finishing:	GR-94 / Metallic grey / Textured	IP degree of protection:	IP66
IK-J-xxIP:	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

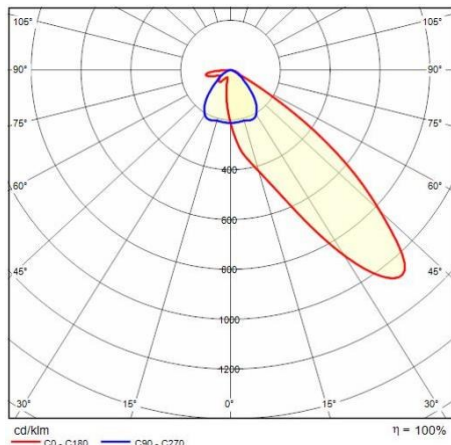|			
Shape:	Rectangular	Housing material:	Aluminium
Diffuser material:	Plastic	Glow wire test [°C]:	850 °C
Frontal exposed area [m²]:	0.04	Lateral exposed area [m²]:	0.08
Top exposed area [m²]:	0.42		

Installation

Application area:	Outdoor	Mounting type:	Sports / High Powered Floodlighting
Min. ambient temperature [°C]:	-40	Max. ambient temperature [°C]:	45
Min. distance from lighted object [m]:	1.00		

Light features

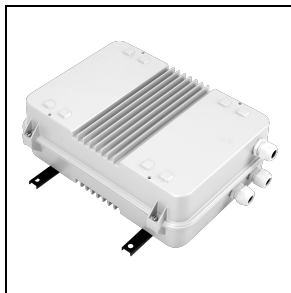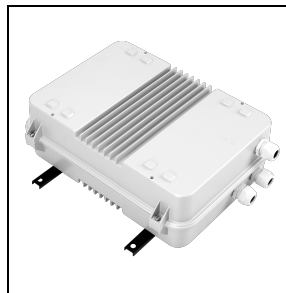|			
MacAdam:	3	Lumen maintenance:	L90B10@140000h
Distribution of light emission:	Direct	DFF - Downward Flux Fraction [%]:	100
UFF - Upward Flux Fraction [%]:	0	Luminous Intensity Class:	G*2
Zero light pollution (ULR = 0%):		IPEA* (road lighting):	A3+
IPEA* (large areas, roundabouts):	A6+	IPEA* (cycle-pedestrian):	A4+
IPEA* (green areas):	A4+	IPEA* (historic city centers):	A8+

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
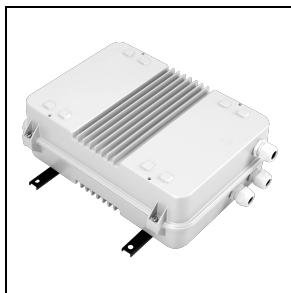
☐ GR-94 / Metallic grey

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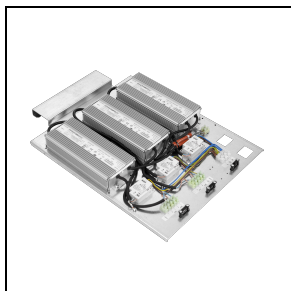Drivers box 900 W - 1.4A- 3CH - DALI 220-240 V 50/60 Hz

☐ GR-94 / Metallic grey

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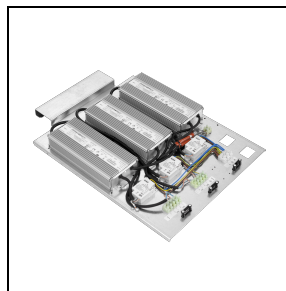DRIVER BOX 900 W 1,4 A - 3CH - DMX 220-240 V

☐ GR-94 / Metallic grey

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

14473601

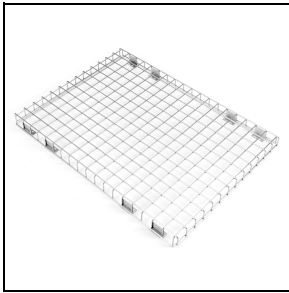Drivers unit 900 W - 1.4A - 3CH - 220-240 V 50/60 Hz

3120126

DRIVER UNIT 900 W 1,4 A - 3CH - DMX 220-240 V

For information:
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Optional accessories

SQUARE PRO

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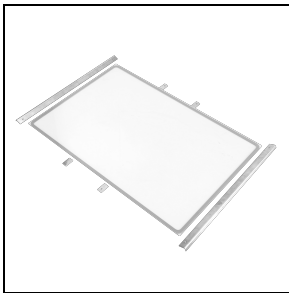
Protective grid SQUARE PRO

SQUARE PRO (max 840 W)

14474494

Protective glass SQUARE PRO (max 840 W)

☐ GR-94 / Metallic grey