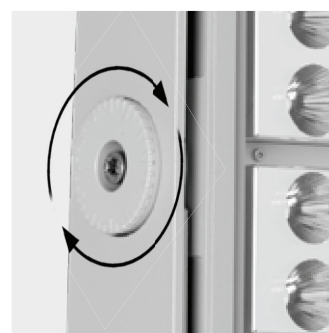
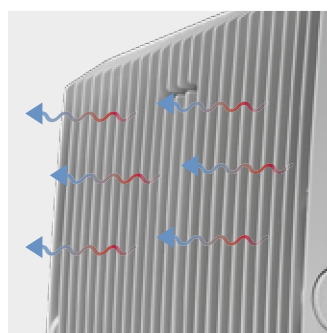


SQUARE PRO

OUTDOOR | PROFESSIONAL | HIGH POWER FLOODLIGHTS AND SPORT AREAS



Decades of experience in sports lighting

Based on the multi decennial experience of PERFORMANCE IN LIGHTING in the lighting field and the knowledge of national and international standards this series is an innovative LED pitch-lighting solution that supports the latest TV broadcasting standards and features professional and sports application.

The SQUARE PRO incorporates extremely high-efficiency customised optics and state-of-the-art LEDs. This professional series is a highly competitive solution offering an outstanding lux/euro ratio and energy savings of up to fifty per cent (without the use of additional controls). This series includes DMX options (CG).

The new GLASS models are a structural integration for demanding project where extreme ambient temperatures is required. The SQUARE PRO GLASS, designed on purpose for general professional lighting can satisfy even lighting requirements for sports training thanks to its asymmetric, symmetric and circular types of light distribution.

The main topic of this range is offering a considerable reduction in power consumption, hence an improved total cost of investment thanks to a long lifetime of the electronic components, sourced from primary brands, and to an innovative passive cooling thermal management.

SQUARE PRO

OVERVIEW



SQUARE PRO GLASS ^{NEW}



SQUARE PRO



SQUARE PRO CG

Construction

IP		IP66	IP66	IP65
IK		IK07 3J xx5	IK07 3J xx5	IK07 3J xx5
Dimensions [mm]		L 560 H 905÷985 D 105	L 560 H 905÷985 D 97	L 560 H 1260 D 159
Windage area	EPA - front	Max 0,419 m ²	Max 0,419 m ²	Max 0,73 m ²
	EPA - side	Max 0,083 m ²	Max 0,083 m ²	Max 0,125 m ²
	EPA - top	Max 0,043 m ²	Max 0,043 m ²	Max 0,077 m ²
Weight		Max 28 kg	Max 24 kg	Max 45 kg
Colour		●	●	●

LED

Lightsource lumen output	5700 K	-	62080 lm ÷ 119040 lm	93120 lm ÷ 119040 lm
	4000 K	75744 lm ÷ 118272 lm	74240 lm ÷ 138086 lm	111360 lm ÷ 138086 lm
	3000 K	72000 lm ÷ 111456 lm	-	-
Luminaire lumen output	5700 K	-	54502 lm ÷ 101457 lm	79983 lm ÷ 101457 lm
	4000 K	60500 lm ÷ 102827 lm	63948 lm ÷ 117714 lm	91633 lm ÷ 117715 lm
	3000 K	56870 lm ÷ 98172 lm	-	-
CCT - Correlated Color Temperature		3000 K - 4000 K	4000 K - 5700 K	4000 K - 5700 K
CRI / SDCM (macadam step)		70/5	70/3 90/3	70/3 90/3
Lifetime		L80B10@60000h L80B10@71000h	L80B10@108000h L80B10@44000h	L80B10@108000h L80B10@44000h

Optic

S/W symmetric wide reflector	S/W	-	-
A/M asymmetric medium reflector	-	A45/M - A60/M	A45/M - A60/M
A/W asymmetrische breite streuoptik	A50/W	-	-
A/I asymmetric intensive reflector	-	A65/I	A65/I
C/I intensive circle reflector	C/I	C/I	C/I
ELL elliptical reflector	-	ELL 15°x30° - ELL 30°x40°	ELL 15°x30° - ELL 30°x40°

Electrical

Wattage	470 W - 540 W - 710 W - 810 W	550 W - 552 W - 810 W 830 W - 1066 W - 1105 W	840 W - 1100 W
Class	I	I	I
Ta MAX° luminaire	40°C ÷ 50°C	30°C ÷ 50°C	25°C ÷ 40°C
Ta MIN° luminaire	-40°C	-40°C	-20°C
ON-OFF	-	Control gear	✓
Dimmable DALI	Control gear	Control gear	-
Dimmable 1-10 V - 380-415 V	Control gear	Control gear	-
DMX	-	-	✓
COSφ ≥ 0,9	-	-	✓
SPD	1 x Box	1 x Driver	-

SQUARE PRO GLASS

design by PERFORMANCE IN LIGHTING



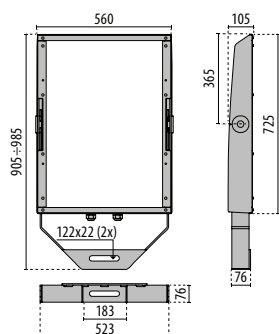
LED floodlight for indoor and outdoor lighting, comprising:

- Polyester powder coated die-cast aluminium housing
- Extra-clear flat tempered glass diffuser internally screen-printed
- Very high performance reflectors made of 99.99% plated aluminium, polished, oxidised and free of iridescence
- C / I version with high-efficiency technopolymer aluminised reflectors and protective surface treatment reflectors.
- Gaskets made of silicone foam directly applied on glass without joints
- Built-in electrical connection box with aluminium cover
- Connection box in anti-ageing silicone gasket
- Waterproof cable gland M25x1.5 for cables Ø 9- Ø 16 mm
- Light beam obtained by the combination of multiple LED modules
- The LED 4000 K and 3000 K CRI ≥ 70 versions are standard. Consult factory for other colour temperatures and colour renderings
- Lens secured with powder-coated stainless steel clamps

- Stainless steel external screws
- Steel bracket, hot galvanised and painted in polyester powder
- Graduated goniometer for aiming purposes
- The SQUARE PRO output includes the losses of the power unit
- To power SQUARE PRO GLASS use only the power supply units available as accessories
- Match the projectors correctly with the respective power supply groups paying attention to the models and the number of connection channels: two channels (2CH) and three channels (3CH)
- DALI and 1-10V dimmable power supply in IP66 waterproof BOX or on IP20 metal plates to be incorporated into waterproof electrical panels. The electrical connection between these and the relative projectors must be made with a maximum cable length of 50 meters.
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM and DM) for every driver unit/box.
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08

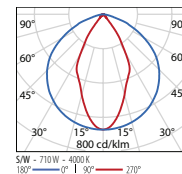


● GR-94 / Metallic grey / Textured

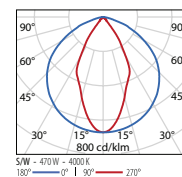


Please visit our web site
www.performanceinlighting.com
 for the latest updated versions available.

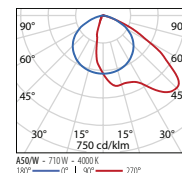
IK07 3J xx5



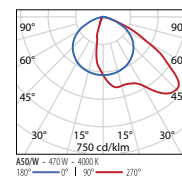
IK07 3J xx5



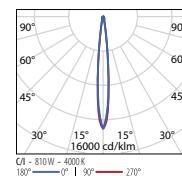
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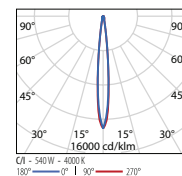
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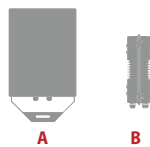
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IK07 3J xx5



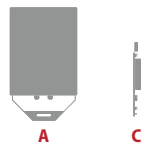
CONTROL GEAR



Complete unit

1A+1B = please order 2 codes

	COMPONENTS
A	luminaire
B	drivers box



Complete unit

1A+1B = please order 2 codes

	COMPONENTS
A	luminaire
C	drivers unit

2 CH		
		
	B IP66	C IP20

SQUARE PRO GLASS 470/2 - S/W - A50/W

220-240 V 50/60 Hz

DALI	3104828	3104830
380-415 V 50/60 Hz		
DALI	3105743	3105739
1-10 V	3105745	3105741

SQUARE PRO GLASS 550/2 - C/I

220-240 V 50/60 Hz

DALI	3104832	3104834
380-415 V 50/60 Hz		
DALI	3103469	3103463
1-10 V	3103466	3103460

3 CH		
		
	B IP66	C IP20

SQUARE PRO GLASS 710/3 S/W - A50/W

220-240 V 50/60 Hz

DALI	3104813	3104829
380-415 V 50/60 Hz		
DALI	3105744	3105740
1-10 V	3105746	3105742

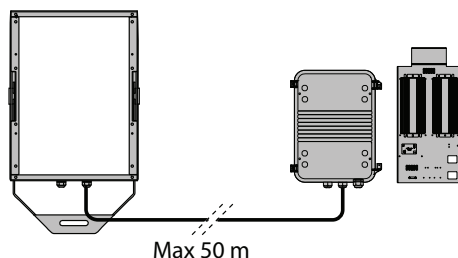
SQUARE PRO GLASS 830/3 - C/I

220-240 V 50/60 Hz

DALI	3104831	3104833
380-415 V 50/60 Hz		
DALI	3103470	3103464
1-10 V	3103467	3103461

DESCRIPTION	COLOR	PART NUMBER	EURO
Drivers box IP66 - SQUARE PRO GLASS 470/2 - S/W - A50/W			
Drivers box 470 W - 1.1A - 2CH - DALI - 220-240 V 50/60 Hz		3104828	550,00
Drivers box 470 W - 1.1A - 2CH - DALI - 380-415 V 50/60 Hz		3105743	1065,00
Drivers box 470 W - 1.1A - 2CH - 1-10 V - 380-415 V 50/60 Hz		3105745	1065,00
Drivers unit IP20 - SQUARE PRO GLASS 470/2 - S/W - A50/W			
Drivers unit 470 W - 1.1A - 2CH - DALI - 220-240 V 50/60 Hz		3104830	425,00
Drivers unit 470 W - 1.1A - 2CH - DALI - 380-415 V 50/60 Hz		3105739	895,00
Drivers unit 470 W - 1.1A - 2CH - 1-10 V - 380-415 V 50/60 Hz		3105741	895,00
Drivers box IP66 - SQUARE PRO GLASS 550/2 - C/I			
Drivers box 600 W - 1.4A - 2CH - DALI - 220-240 V 50/60 Hz		3104832	550,00
Drivers box 600 W - 1.4A - 2CH - DALI - 380-415 V 50/60 Hz		3103469	1065,00
Drivers box 600 W - 1.4A - 2CH - 1-10 V - 380-415 V 50/60 Hz		3103466	1065,00
Drivers unit IP20 - SQUARE PRO GLASS 550/2 - C/I			
Drivers unit 600 W - 1.4A - 2CH - DALI - 220-240 V 50/60 Hz		3104834	425,00
Drivers unit 600 W - 1.4A - 2CH - DALI - 380-415 V 50/60 Hz		3103463	895,00
Drivers unit 600 W - 1.4A - 2CH - 1-10 V - 380-415 V 50/60 Hz		3103460	895,00

DESCRIPTION	COLOR	PART NUMBER	EURO
Drivers box IP66 - SQUARE PRO GLASS 710/3 - S/W - A50/W			
Drivers box 750 W - 1.1A - 3CH - DALI 220-240 V 50/60 Hz		3104813	750,00
Drivers box 750 W - 1.1A - 3CH - DALI - 380-415 V 50/60 Hz		3105744	1435,00
Drivers box 750 W - 1.1A - 3CH - 1-10 V - 380-415 V 50/60 Hz		3105746	1435,00
Drivers unit IP20 - SQUARE PRO GLASS 710/3 - S/W - A50/W			
Drivers unit 750 W - 1.1A - 3CH - DALI 220-240 V 50/60 Hz		3104829	625,00
Drivers unit 750 W - 1.1A - 3CH - DALI - 380-415 V 50/60 Hz		3105740	1250,00
Drivers unit 750 W - 1.1A - 3CH - 1-10 V - 380-415 V 50/60 Hz		3105742	1250,00
Drivers box IP66 - SQUARE PRO GLASS 830/3 - C/I			
Drivers box 900 W - 1.4A - 3CH - DALI - 220-240 V 50/60 Hz		3104831	750,00
Drivers box 900 W - 1.4A - 3CH - DALI - 380-415 V 50/60 Hz		3103470	1435,00
Drivers box 900 W - 1.4A - 3CH - 1-10 V - 380-415 V 50/60 Hz		3103467	1435,00
Drivers unit IP20 - SQUARE PRO GLASS 830/3 - C/I			
Drivers unit 900 W - 1.4A - 3CH - DALI - 220-240 V 50/60 Hz		3104833	625,00
Drivers unit 900 W - 1.4A - 3CH - DALI - 380-415 V 50/60 Hz		3103464	1250,00
Drivers unit 900 W - 1.4A - 3CH - 1-10 V - 380-415 V 50/60 Hz		3103461	1250,00



OPTIONAL ACCESSORIES

DESCRIPTION	COLOR	PART NUMBER	EURO
SQUARE PRO GLASS A50/W			
Louvre SQUARE PRO GLASS A50/W		3105479	175,00



3105479