

SQUARE PRO

OUTDOOR | PROFESSIONAL | HIGH POWER FLOODLIGHTS AND SPORT AREAS



PERFORMANCE **iN** LIGHTING



Since 2017 all our products are gathered under the sole brand of **PERFORMANCE iN LIGHTING**. The brands that have distinguished our past, PRISMA, SBP and SPITTLER will converge into one single brand of the Group. This choice is dictated by the new challenges we wish to face. Our products always have combined reliability with aesthetics and pleasing design with performance. The reliability of the products within our brands have distinguished our history of lighting, and will continue today in the brand PERFORMANCE iN LIGHTING with the omen that your confidence shall remain intact and wishfully be motivated to project the Group into new challenges that a steady evolving technology demands.



 **SPITTLER**



PRISMA



MADE

PERFORMANCE iN LIGHTING is an international group based in Colognola ai Colli, in the province of Verona, Italy, with important manufacturing sites in Italy, Germany, Belgium and the USA. With over 700 employees and numerous affiliated companies which allow us to have a global vision on the lighting world. An international voice with a stylistic approach well anchored in "Made in Italy" and a technological research worthy of the best "Made in Germany".

All PERFORMANCE iN LIGHTING brand products are conceptualised, designed, engineered and tested in our facilities and utilise only leading brand components. With rare exception, all products are also assembled in our factories.

To provide clarification for our customers, we have decided to indicate on the inside label of each product where each phase occurs, from product concept to marketing.



WARRANTY

Focus on quality, safety and durability are the essential objectives of PERFORMANCE iN LIGHTING.

All products are covered by a 5-year warranty, provided that they are installed, maintained and used according to the instructions and information contained in the catalogue or on the web.

Consumable materials, such as lamps, starters, and electronic ignitors and reactors, which are compliant with warranty regulations issued by the European Directive on the subject, are not included in the warranty.

To consult the full text of our warranty, please go to the website www.performanceinlighting.com



CLEAR CONDITIONS

In order to always provide customers with clear, complete information, PERFORMANCE iN LIGHTING has decided to provide the data pertaining to its LED luminaires in the following ways:

- Nominal lumen indicate the luminous flux produced by the LED source according to indications from the manufacturer of the LEDs used in the luminaire. Sometimes this is an average value derived from the range indicated by the producer.
- Real lumen indicate the luminous flux output of the luminaire. The real flux is therefore generally lower than the nominal flux because it depends on the luminaire's thermal regime and the use of reflectors, diffusers, screens or lenses to direct the light.
- Wattage drawn indicated in the table includes not only absorption by the LED light source, but also driver's loss or other necessary electronic components of the luminaire. We then indicate the total amount of energy actually consumed by the luminaire.

With this information, PERFORMANCE iN LIGHTING wants to help create more clarity in this sector, the LED luminaire compartment, where it is sometimes difficult to interpret information and compare products.

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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



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 *(C/I)	L80B10@108000h L80B10@44000h *(4CH)	L80B10@108000h L80B10@44000h *(4CH)

Optic

S/W symmetric wide reflector	S/W	-	-
A/M asymmetric medium reflector	-	A45/M - A60/M	A45/M - A60/M
A50/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	1066 W - 1105 W - 550 W - 552 W - 810 W - 830 W	1100 W - 840 W
Class	I	I	I
Ta MAX° luminarie	50° ÷ 40°	50° ÷ 30°	40° ÷ 25°
Ta MIN° luminarie	-40°	-40°	-20°
ON-OFF	-	Control gear (p. 16)	✓
Dimmable DALI	Control gear (p. 11)	Control gear (p. 16)	-
Dimmable 1-10V - 380-415V	Control gear (p. 11)	Control gear (p. 16)	-
DMX	-	-	✓
COSφ ≥ 0,9	-	-	✓
SPD	1 x BOX / Driver Unit	1 x Single driver	-

* ● GR-94 / Metallic grey / Textured

SQUARE PRO GLASS



LED floodlight for indoor and outdoor lighting, comprising:

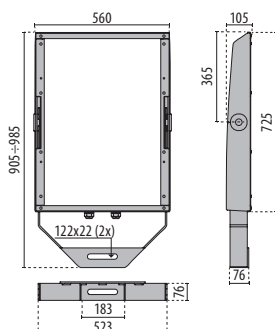
- Polyester powder coated die-cast aluminium housing
- Extra-clear flat tempered glass diffuser internally screen-printed
- Very high performance reflectors made of 99.99% plated aluminium, polished, oxidised and free of iridescence
- C / I version with high-efficiency technopolymer aluminised reflectors 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)
- ON-OFF and dimmable DALI and 1-10V power supply units in BOX watertight IP66 or on IP20 metal plates to be incorporated in waterproof electrical panels are available. The electrical connection between them and the relative projectors is up to 50 meters cable length.
- 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

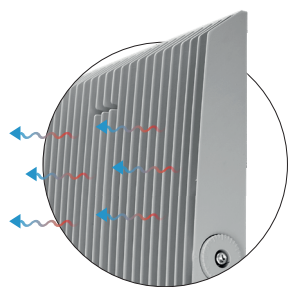


● GR-94 / Metallic grey / Textured



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

OPTICS



Heat dissipation
Polyester powder coated die-cast
aluminium housing



S/W



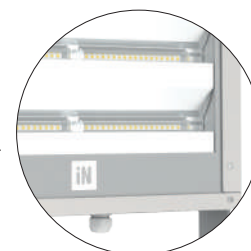
A50/W



C/I



Very high performance reflectors
made of 99.99% plated aluminium,
polished, oxidised and free of
iridescence

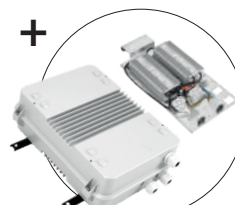


Extra-clear flat tempered glass
diffuser internally screen-printed

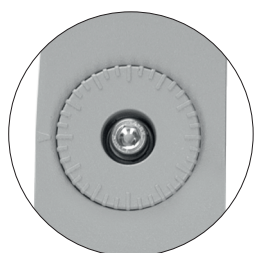
ACCESSORIES



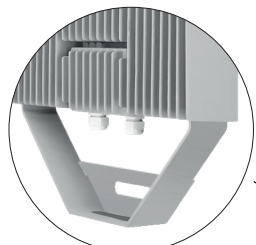
Cover SQUARE PRO GLASS A50/W



To feed the SQUARE PRO GLASS
only use the supply groups
supplied as accessories



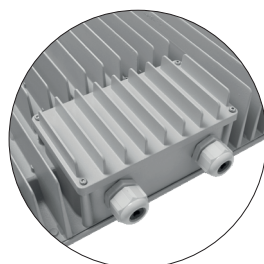
Graduated goniometer for aiming
purposes



Steel bracket, hot galvanised and
painted in polyester powder



Built-in electrical connection box
with aluminium cover



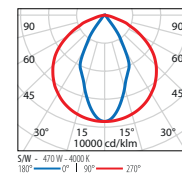
Waterproof cable gland M25x1.5
for cables Ø 9-Ø 16 mm



SQUARE PRO GLASS 470/2 S/W

IK07 3J xx5

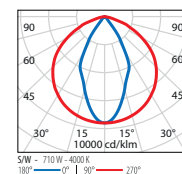
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 2CH														
470 W	I	-	70	4000	-	S/W	-	75744 lm	65762 lm	80	10	71000 h	●	3104807
470 W	I	-	70	3000	-	S/W	-	72000 lm	62784 lm	80	10	71000 h	●	3104808



SQUARE PRO GLASS 710/3 S/W

IK07 3J xx5

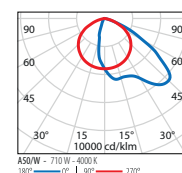
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 3CH														
710 W	I	-	70	4000	-	S/W	-	113616 lm	99343 lm	80	10	71000 h	●	3104803
710 W	I	-	70	3000	-	S/W	-	108000 lm	94845 lm	80	10	71000 h	●	3104804



SQUARE PRO GLASS 710/3 A50/W

IK07 3J xx5

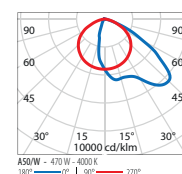
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Power LED - 3CH														
710 W	I	-	70	4000	-	A50/W	-	113616 lm	102827 lm	80	10	71000 h	●	3104801
710 W	I	-	70	3000	-	A50/W	-	108000 lm	98172 lm	80	10	71000 h	●	3104802



SQUARE PRO GLASS 470/2 A50/W

IK07 3J xx5

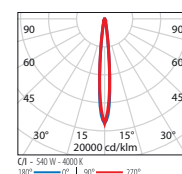
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 2CH														
470 W	I	-	70	4000	-	A50/W	-	75744 lm	68068 lm	80	10	71000 h	●	3104805
470 W	I	-	70	3000	-	A50/W	-	72000 lm	64987 lm	80	10	71000 h	●	3104806



SQUARE PRO GLASS 550/2 C/I

IK07 3J xx5

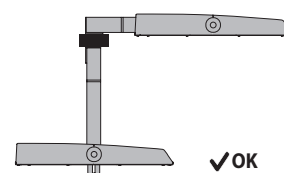
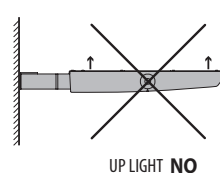
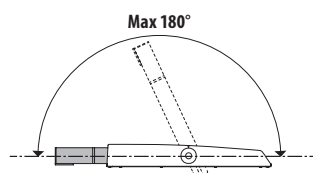
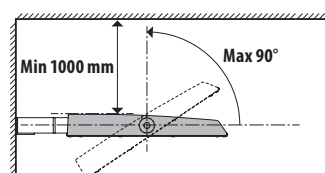
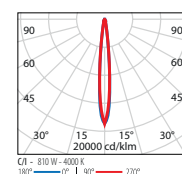
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 2CH														
540 W	I	-	70	4000	-	C/I	-	78848 lm	60500 lm	80	10	60000 h	●	3104811
540 W	I	-	70	3000	-	C/I	-	74304 lm	56870 lm	80	10	60000 h	●	3104812



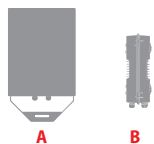
SQUARE PRO GLASS 830/3 C/I

IK07 3J xx5

WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 3CH														
810 W	I	-	70	4000	-	C/I	-	118272 lm	90751 lm	80	10	60000 h	●	3104809
810 W	I	-	70	3000	-	C/I	-	111456 lm	85306 lm	80	10	60000 h	●	3104810



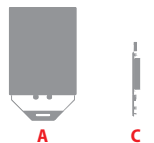
CONTROL GEAR



Complete unit

1A+1B = please order 2 codes

	COMPONENTS
A	luminaire
B	drivers box



Complete unit

1A+1B = please order 2 codes

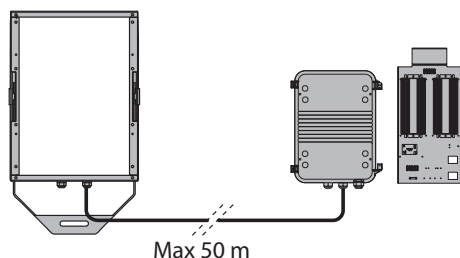
	COMPONENTS
A	luminaire
C	drivers unit

2 CH		
	B IP66	C IP20
A SQUARE PRO GLASS		
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
A SQUARE PRO GLASS		
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
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
Drivers box 470 W - 1.1A - 2CH - DALI - 380-415 V 50/60 Hz		3105743
Drivers box 470 W - 1.1A - 2CH - 1-10 V - 380-415 V 50/60 Hz		3105745
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
Drivers unit 470 W - 1.1A - 2CH - DALI - 380-415 V 50/60 Hz		3105739
Drivers unit 470 W - 1.1A - 2CH - 1-10 V - 380-415 V 50/60 Hz		3105741
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
Drivers box 600 W - 1.4A - 2CH - DALI - 380-415 V 50/60 Hz		3103469
Drivers box 600 W - 1.4A - 2CH - 1-10 V - 380-415 V 50/60 Hz		3103466
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
Drivers unit 600 W - 1.4A - 2CH - DALI - 380-415 V 50/60 Hz		3103463
Drivers unit 600 W - 1.4A - 2CH - 1-10 V - 380-415 V 50/60 Hz		3103460

DESCRIPTION	COLOR	PART NUMBER
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
Drivers box 750 W - 1.1A - 3CH - DALI - 380-415 V 50/60 Hz		3105744
Drivers box 750 W - 1.1A - 3CH - 1-10 V - 380-415 V 50/60 Hz		3105746
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
Drivers unit 750 W - 1.1A - 3CH - DALI - 380-415 V 50/60 Hz		3105740
Drivers unit 750 W - 1.1A - 3CH - 1-10 V - 380-415 V 50/60 Hz		3105742
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
Drivers box 900 W - 1.4A - 3CH - DALI - 380-415 V 50/60 Hz		3103470
Drivers box 900 W - 1.4A - 3CH - 1-10 V - 380-415 V 50/60 Hz		3103467
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
Drivers unit 900 W - 1.4A - 3CH - DALI - 380-415 V 50/60 Hz		3103464
Drivers unit 900 W - 1.4A - 3CH - 1-10 V - 380-415 V 50/60 Hz		3103461



OPTIONAL ACCESSORIES

DESCRIPTION	COLOR	PART NUMBER
SQUARE PRO GLASS A50/W		
Louvre SQUARE PRO GLASS A50/W		3105479



3105479

SQUARE PRO



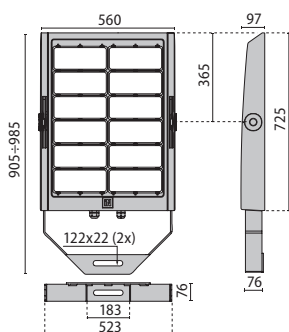
LED floodlight for indoor and outdoor lighting, comprising:

- Polyester powder coated die-cast aluminium housing
- High-transparency polycarbonate lenses for best light transmission
- Anti-ageing silicone gasket
- Built-in electrical connection box with aluminium cover
- Waterproof cable gland M25x1.5 for cables Ø 9- Ø 16 mm
- Light beam obtained by the combination of multiple LED modules
- Consult factory for other colour temperatures and colour rendering index
- 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

- SQUARE PRO 4CH versions are not compatible with protective glass
- To feed the SQUARE PRO only use the supply groups supplied as accessories
- The floodlights must be correctly combined with the corresponding supply boxes (BOX or steel plate). Please carefully observe the number of channels: 2 channels (2CH), 3 channels (3CH) or 4 channels (4CH)
- ON-OFF and dimmable DALI and 1-10V power supply units in BOX watertight IP66 or on IP20 metal plates to be incorporated in waterproof electrical panels are available. The electrical connection between them and the relative projectors is up to 50 meters cable length.
- 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

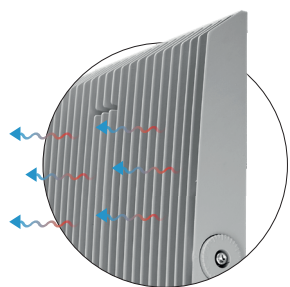


● GR-94 / Metallic grey / Textured



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

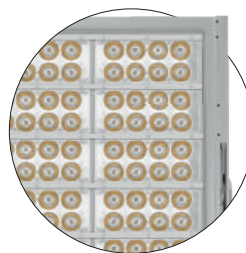
OPTICS



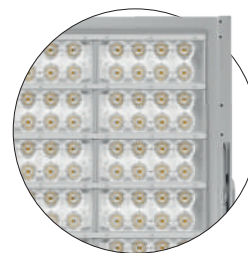
Heat dissipation
Polyester powder coated die-cast
aluminium housing



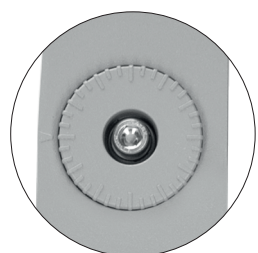
A/I
A/M



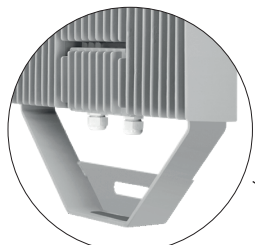
C/I



ELL



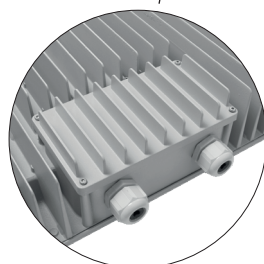
Graduated goniometer for aiming
purposes



Steel bracket, hot galvanised and
painted in polyester powder

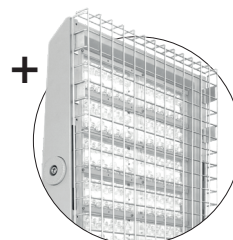


Built-in electrical connection box
with aluminium cover

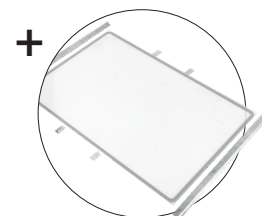


Waterproof cable gland M25x1.5
for cables Ø 9-Ø 16 mm

ACCESSORIES



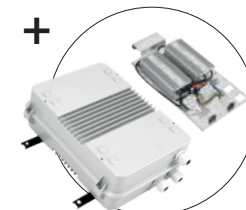
Protective grid



SQUARE PRO 4CH versions are not
compatible with protective glass



Vertical bracket

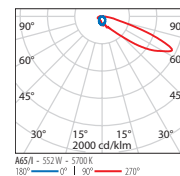


To feed the SQUARE PRO only use
the supply groups supplied as
accessories

SQUARE PRO 64/2 A/I

IK07 3J xx5

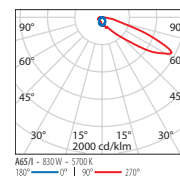
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 2CH														
552 W	I	✓	90	5700	-	A65/I	-	62080 lm	56689 lm	80	10	108000 h	●	06270594
550 W	I	✓	70	4000	-	A65/I	-	74240 lm	64091 lm	80	10	108000 h	●	06270494



SQUARE PRO 96/3 A/I

IK07 3J xx5

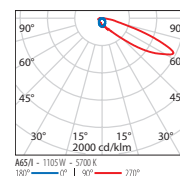
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 3CH														
830 W	I	✓	90	5700	-	A65/I	-	93120 lm	80989 lm	80	10	108000 h	●	06271794
810 W	I	✓	70	4000	-	A65/I	-	111360 lm	92501 lm	80	10	108000 h	●	06271694



SQUARE PRO 96/4 A/I

IK07 3J xx5

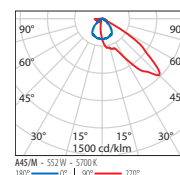
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 4CH														
1105 W	I	✓	90	5700	-	A65/I	-	119040 lm	96807 lm	80	10	44000 h	●	06284894
1066 W	I	✓	70	4000	-	A65/I	-	138086 lm	110137 lm	80	10	44000 h	●	06284794



SQUARE PRO 64/2 A/M

IK07 3J xx5

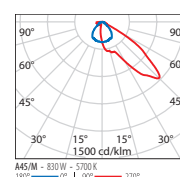
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 2CH														
552 W	I	✓	90	5700	-	A45/M	-	62080 lm	59145 lm	80	10	108000 h	●	06270194
552 W	I	✓	90	5700	-	A60/M	-	62080 lm	55735 lm	80	10	108000 h	●	06270394
550 W	I	✓	70	4000	-	A45/M	-	74240 lm	68595 lm	80	10	108000 h	●	06270094
550 W	I	✓	70	4000	-	A60/M	-	74240 lm	64345 lm	80	10	108000 h	●	06270294



SQUARE PRO 96/3 A/M

IK07 3J xx5

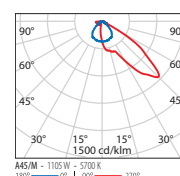
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 3CH														
830 W	I	✓	90	5700	-	A45/M	-	93120 lm	86969 lm	80	10	108000 h	●	06271394
830 W	I	✓	90	5700	-	A60/M	-	93120 lm	80616 lm	80	10	108000 h	●	06271594
810 W	I	✓	70	4000	-	A45/M	-	111360 lm	100065 lm	80	10	108000 h	●	06271294
810 W	I	✓	70	4000	-	A60/M	-	111360 lm	91633 lm	80	10	108000 h	●	06271494



SQUARE PRO 96/4 A/M

IK07 3J xx5

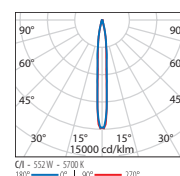
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 4CH														
1105 W	I	✓	90	5700	-	A45/M	-	119040 lm	101457 lm	80	10	44000 h	●	06284494
1105 W	I	✓	90	5700	-	A60/M	-	119040 lm	95496 lm	80	10	44000 h	●	06284694
1066 W	I	✓	70	4000	-	A45/M	-	138086 lm	117265 lm	80	10	44000 h	●	06284394
1066 W	I	✓	70	4000	-	A60/M	-	138086 lm	109468 lm	80	10	44000 h	●	06284594



SQUARE PRO 64/2 C/I

IK07 3J xx5

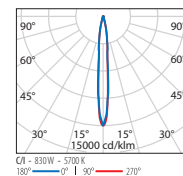
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 2CH														
552 W	I	✓	90	5700	-	C/I	-	62080 lm	58243 lm	80	10	108000 h	●	06269594
550 W	I	✓	70	4000	-	C/I	-	74240 lm	67725 lm	80	10	108000 h	●	06269494



SQUARE PRO 96/3 C/I

IK07 3J xx5

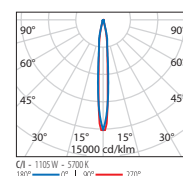
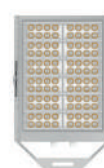
WATTAGE	CLASS	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 3CH													
830 W	I	✓	90	5700	-	C/I	-	93120 lm	85010 lm	80	10	108000 h	● 06270794
810 W	I	✓	70	4000	-	C/I	-	111360 lm	100255 lm	80	10	108000 h	● 06270694



SQUARE PRO 96/4 C/I

IK07 3J xx5

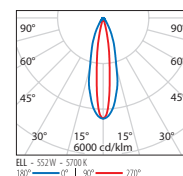
WATTAGE	CLASS	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 4CH													
1105 W	I	✓	90	5700	-	C/I	-	119040 lm	99724 lm	80	10	44000 h	● 06283894
1066 W	I	✓	70	4000	-	C/I	-	138086 lm	117714 lm	80	10	44000 h	● 06283794



SQUARE PRO 64/2 ELL

IK07 3J xx5

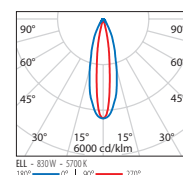
WATTAGE	CLASS	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 2CH													
552 W	I	✓	90	5700	-	ELL	15°x30°	62080 lm	57888 lm	80	10	108000 h	● 06269794
552 W	I	✓	90	5700	-	ELL	30°x 40°	62080 lm	54502 lm	80	10	108000 h	● 06269994
550 W	I	✓	70	4000	-	ELL	15°x30°	74240 lm	67906 lm	80	10	108000 h	● 06269694
550 W	I	✓	70	4000	-	ELL	30°x 40°	74240 lm	63948 lm	80	10	108000 h	● 06269894



SQUARE PRO 96/3 ELL

IK07 3J xx5

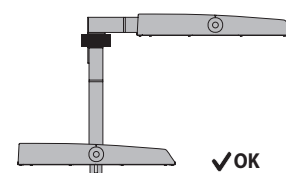
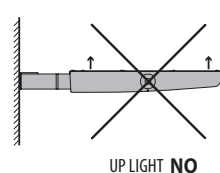
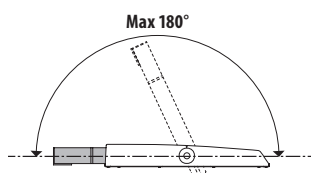
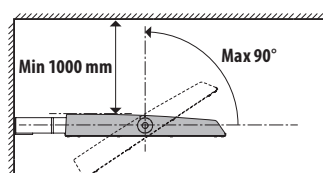
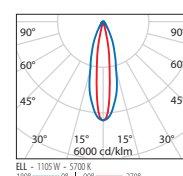
WATTAGE	CLASS	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 3CH													
830 W	I	✓	90	5700	-	ELL	15°x30°	93120 lm	84799 lm	80	10	108000 h	● 06270994
830 W	I	✓	90	5700	-	ELL	30°x40°	93120 lm	79983 lm	80	10	108000 h	● 06271194
810 W	I	✓	70	4000	-	ELL	15°x30°	111360 lm	98007 lm	80	10	108000 h	● 06270894
810 W	I	✓	70	4000	-	ELL	30°x 40°	111360 lm	93409 lm	80	10	108000 h	● 06271094



SQUARE PRO 96/4 ELL

IK07 3J xx5

WATTAGE	CLASS	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - 4CH													
1105 W	I	✓	90	5700	-	ELL	15°x30°	119040 lm	99345 lm	80	10	44000 h	● 06284094
1105 W	I	✓	90	5700	-	ELL	30°x40°	119040 lm	93037 lm	80	10	44000 h	● 06284294
1066 W	I	✓	70	4000	-	ELL	15°x30°	138086 lm	114823 lm	80	10	44000 h	● 06283994
1066 W	I	✓	70	4000	-	ELL	30°x 40°	138086 lm	108658 lm	80	10	44000 h	● 06284194



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

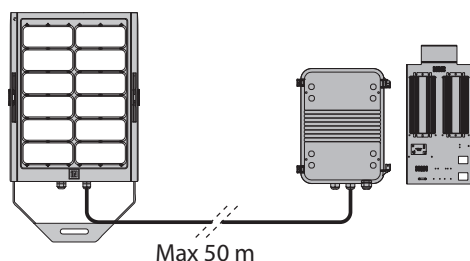
2 CH		
A SQUARE PRO	B IP66	C IP20
SQUARE PRO 64/2 - A/I - A/M - C/I - ELL 220-240 V 50/60 Hz		
ON-OFF	14473894	14473401
DALI	14473994	-
380-415 V 50/60 Hz		
DALI	3103469	3103463
1-10 V	3103466	3103460

3 CH		
A SQUARE PRO	B IP66	C IP20
SQUARE PRO 96/3 - A/I - A/M - C/I - ELL 220-240 V 50/60 Hz		
ON-OFF	14474094	14473601
DALI	14474194	-
380-415 V 50/60 Hz		
DALI	3103470	3103464
1-10 V	3103467	3103461

4 CH		
A SQUARE PRO	B IP66	C IP20
SQUARE PRO 96/4 - A/I - A/M - C/I - ELL 220-240 V 50/60 Hz		
ON-OFF	14476094	14475901
DALI	310988	-
380-415 V 50/60 Hz		
DALI	3103471	3103465
1-10 V	3103468	3103462

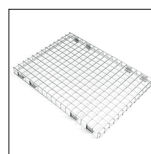
DESCRIPTION	COLOR	PART NUMBER
Drivers box IP66 - SQUARE PRO 64/2 - A/I - A/M - C/I - ELL		
Drivers box 600 W - 1.4A - 2CH - 220-240 V 50/60 Hz		14473894
Drivers box 600 W - 1.4A - 2CH - DALI - 220-240 V 50/60 Hz		14473994
Drivers box 600 W - 1.4A - 2CH - DALI - 380-415 V 50/60 Hz		3103469
Drivers box 600 W - 1.4A - 2CH - 1-10 V - 380-415 V 50/60 Hz		3103466
Drivers unit IP20 - SQUARE PRO 64/2 - A/I - A/M - C/I - ELL		
Drivers unit 600 W - 1.4A - 2CH - 220-240 V 50/60 Hz		14473401
Drivers unit 600 W - 1.4A - 2CH - DALI - 380-415 V 50/60 Hz		3103463
Drivers unit 600 W - 1.4A - 2CH - 1-10 V - 380-415 V 50/60 Hz		3103460
Drivers box IP66 - SQUARE PRO 96/3 - A/I - A/M - C/I - ELL		
Drivers box 900 W - 1.4A - 3CH - 220-240 V 50/60 Hz		14474094
Drivers box 900 W - 1.4A - 3CH - DALI - 220-240 V 50/60 Hz		14474194
Drivers box 900 W - 1.4A - 3CH - DALI - 380-415 V 50/60 Hz		3103470
Drivers box 900 W - 1.4A - 3CH - 1-10 V - 380-415 V 50/60 Hz		3103467

DESCRIPTION	COLOR	PART NUMBER
Drivers unit IP20 - SQUARE PRO 96/3 - A/I - A/M - C/I - ELL		
Drivers unit 900 W - 1.4A - 3CH - 220-240 V 50/60 Hz		14473601
Drivers unit 900 W - 1.4A - 3CH - DALI - 380-415 V 50/60 Hz		3103464
Drivers unit 900 W - 1.4A - 3CH - 1-10 V - 380-415 V 50/60 Hz		3103461
Drivers box IP66 - SQUARE PRO 96/4 - A/I - A/M - C/I - ELL		
Drivers box 1100 W - 1.8A - 4CH - 220-240 V 50/60 Hz		14476094
Drivers box 1100 W - 1.8A - 4CH - DALI - 220-240 V 50/60 Hz		310988
Drivers box 1100 W - 1.8A - 4CH - DALI - 380-415 V 50/60 Hz		3103471
Drivers box 1100 W - 1.8A - 4CH - 1-10 V - 380-415 V 50/60 Hz		3103468
Drivers unit IP20 - SQUARE PRO 96/4 - A/I - A/M - C/I - ELL		
Drivers unit 1100 W - 1.8A - 4CH - 220-240 V 50/60 Hz		14475901
Drivers unit 1100 W - 1.8A - 4CH - DALI - 380-415 V 50/60 Hz		3103465
Drivers unit 1100 W - 1.8A - 4CH - 1-10 V - 380-415 V 50/60 Hz		3103462

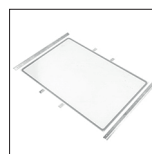


OPTIONAL ACCESSORIES

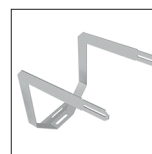
DESCRIPTION	COLOR	PART NUMBER
SQUARE PRO		
Protective grid SQUARE PRO		14474201
Protective glass SQUARE PRO (max 840 W)		14474494
Vertical bracket SQUARE PRO		14474594



14474201



14474494



14474594



PALAEONESSA | Brescia | Italy

SQUARE PRO CG



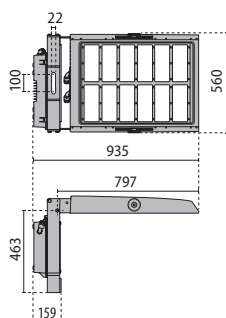
LED floodlight for indoor and outdoor lighting, comprising:

- Polyester powder coated die-cast aluminium housing
- High-transparency polycarbonate lenses for best light transmission
- Anti-ageing silicone gasket
- Die-cast aluminium cable compartment painted with polyester powders after chemical conversion treatment of the surface, complete with power supply unit and dimming function
- The electrical connection is made with a tear-proof cable clamp M25x1.5 for power line cables with Ø 9-16 mm, and two tear-proof cable clamps M16 x1.5 for dimmer line cables Ø 5-10 mm
- DMX/RDM dimming function

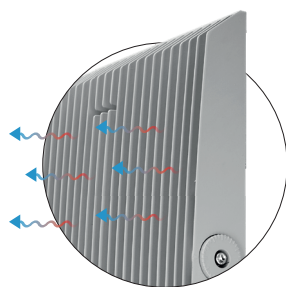
- Light beam obtained by the combination of multiple LED modules
- Consult factory for other colour temperatures and colour rendering index
- Stainless steel external screws
- Ultra thick aluminium articulated bracket with cable compartment holder, painted with polyester powders after hot galvanisation
- Graduated goniometer for aiming purposes
- SQUARE PRO CG versions, 1,100 W, are not compatible with protective glass.
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08



● GR-94 / Metallic grey / Textured



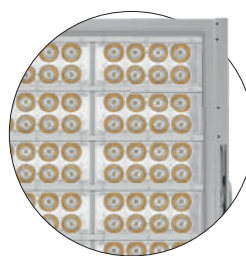
Please visit our web site
www.performanceinlighting.com
 for the latest updated versions available.



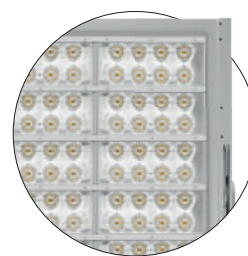
Heat dissipation



A/I
A/M



C/I

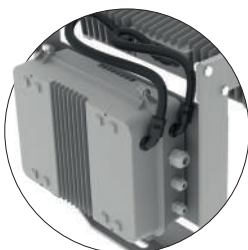


ELL

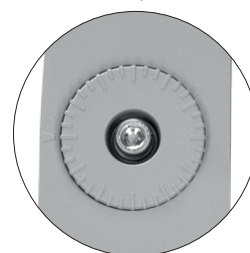
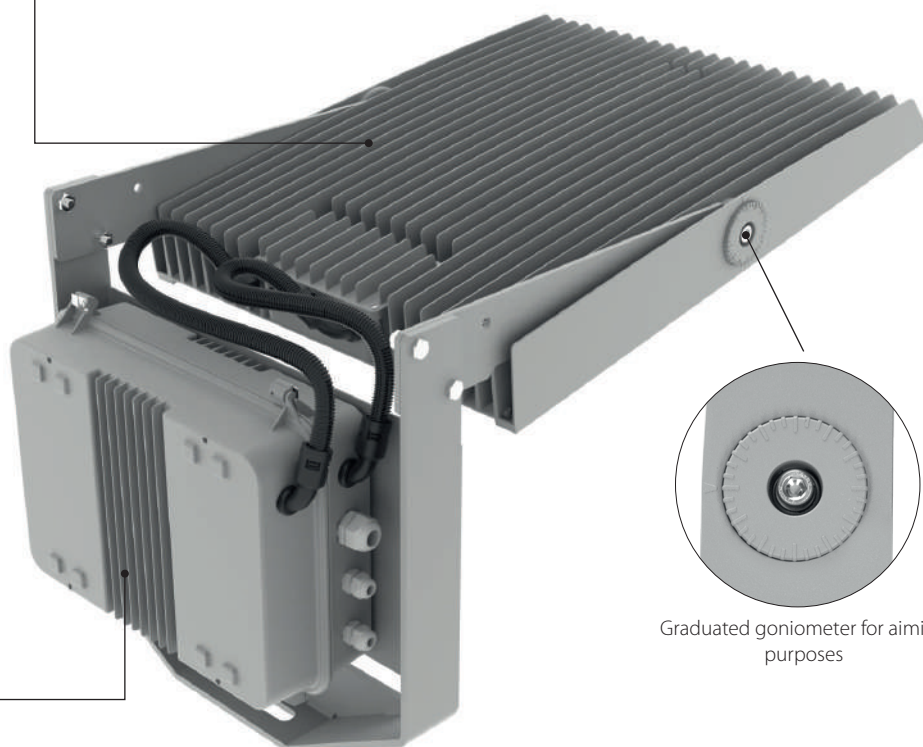
OPTICS



The electrical connection is made with a tear-proof cable clamp M25x1.5 for power line cables with Ø 9-16 mm, and two tear-proof cable clamps M16 x1.5 for dimmer line cables Ø 5-10 mm

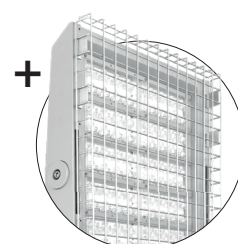


Die-cast aluminium cable compartment painted with polyester powders after chemical conversion treatment of the surface, complete with power supply unit and dimming function

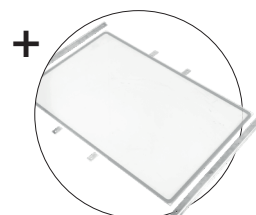


Graduated goniometer for aiming purposes

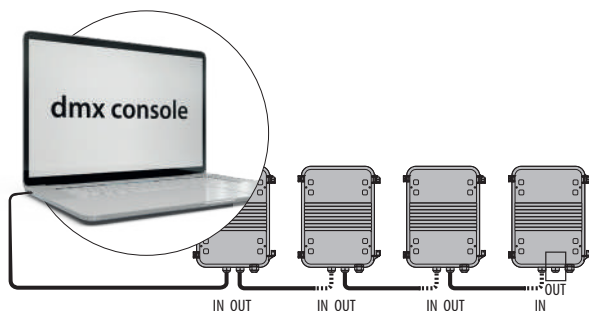
ACCESSORIES



Protective grid



SQUARE PRO 4CH versions are not compatible with protective glass

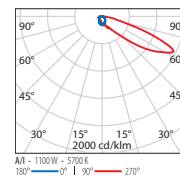


DMX/RDM dimming function

SQUARE PRO CG DMX A/I

IK07 3J xx5

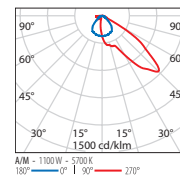
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - dimmable DMX-RDM 220-240 V 50/60 Hz														
1100 W	I	-	90	5700	✓	A65/I	-	119040 lm	96807 lm	80	10	44000 h	●	306346
1100 W	I	-	70	4000	✓	A65/I	-	138086 lm	110137 lm	80	10	44000 h	●	306340
840 W	I	-	90	5700	✓	A65/I	-	93120 lm	80989 lm	80	10	108000 h	●	306334
840 W	I	-	70	4000	✓	A65/I	-	111360 lm	92501 lm	80	10	108000 h	●	306328



SQUARE PRO CG DMX A/M

IK07 3J xx5

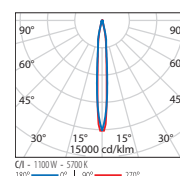
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - dimmable DMX-RDM 220-240 V 50/60 Hz														
1100 W	I	-	90	5700	✓	A45/M	-	119040 lm	101457 lm	80	10	44000 h	●	306344
1100 W	I	-	90	5700	✓	A60/M	-	119040 lm	95496 lm	80	10	44000 h	●	306345
1100 W	I	-	70	4000	✓	A45/M	-	138086 lm	117265 lm	80	10	44000 h	●	306338
1100 W	I	-	70	4000	✓	A60/M	-	138086 lm	109468 lm	80	10	44000 h	●	306339
840 W	I	-	90	5700	✓	A45/M	-	93120 lm	86969 lm	80	10	108000 h	●	306332
840 W	I	-	90	5700	✓	A60/M	-	93120 lm	80616 lm	80	10	108000 h	●	306333
840 W	I	-	70	4000	✓	A45/M	-	111360 lm	100065 lm	80	10	108000 h	●	306326
840 W	I	-	70	4000	✓	A60/M	-	111360 lm	91633 lm	80	10	108000 h	●	306327



SQUARE PRO CG DMX C/I

IK07 3J xx5

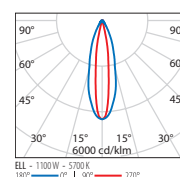
WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - dimmable DMX-RDM 220-240 V 50/60 Hz														
1100 W	I	-	90	5700	✓	C/I	-	119040 lm	99809 lm	80	10	44000 h	●	306341
1100 W	I	-	70	4000	✓	C/I	-	138086 lm	117715 lm	80	10	44000 h	●	306335
840 W	I	-	90	5700	✓	C/I	-	93120 lm	85010 lm	80	10	108000 h	●	306329
840 W	I	-	70	4000	✓	C/I	-	111360 lm	100254 lm	80	10	108000 h	●	306323



SQUARE PRO CG DMX ELL

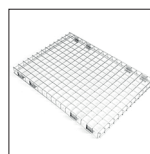
IK07 3J xx5

WATTAGE	CLASS	CEC	CRI	KELVIN	COS Ø ≥ 0,9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOUR/ RAL	PART NUMBER
Power LED - dimmable DMX-RDM 220-240 V 50/60 Hz														
1100 W	I	-	90	5700	✓	ELL	15°x30°	119040 lm	99345 lm	80	10	44000 h	●	306342
1100 W	I	-	90	5700	✓	ELL	30°x40°	119040 lm	93037 lm	80	10	44000 h	●	306343
1100 W	I	-	70	4000	✓	ELL	15°x30°	138086 lm	114823 lm	80	10	44000 h	●	306336
1100 W	I	-	70	4000	✓	ELL	30°x 40°	138086 lm	108658 lm	80	10	44000 h	●	306337
840 W	I	-	90	5700	✓	ELL	15°x30°	93120 lm	84799 lm	80	10	108000 h	●	306330
840 W	I	-	90	5700	✓	ELL	30°x40°	93120 lm	79983 lm	80	10	108000 h	●	306331
840 W	I	-	70	4000	✓	ELL	15°x30°	111360 lm	98007 lm	80	10	108000 h	●	306324
840 W	I	-	70	4000	✓	ELL	30°x 40°	111360 lm	93409 lm	80	10	108000 h	●	306325

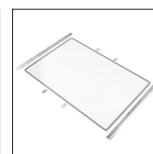


OPTIONAL ACCESSORIES

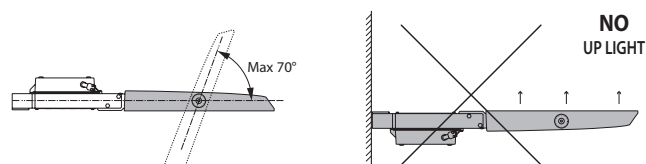
DESCRIPTION	COLOR	PART NUMBER
SQUARE PRO CG		
Protective grid SQUARE PRO		14474201
Protective glass SQUARE PRO (max 840 W)		14474494



14474201



14474494





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The new publications dedicated to the sports environment offer various lighting solutions suggested by PERFORMANCE IN LIGHTING for the lighting of sports facilities both indoor and outdoor. They cover a large variety of sports disciplines such as tennis, padel, football, basketball and volleyball.

Through the use of more efficient technical solutions and constant improvement in applications related to the world of competitive and professional sports, PERFORMANCE IN LIGHTING is able to offer solutions that save energy and significantly reduce operating costs while making safe, comfortable and efficient facilities available to athletes and spectators.

Thanks to the experience gained through hundreds of installations in a wide range of both new and renovated sports facilities in many countries around the world, PERFORMANCE IN LIGHTING is able to give proper attention to the overall system design, the regulatory compliance for each sport and maximum indoor and outdoor glare control.

The know-how accumulated in the sports sector has also recently allowed PERFORMANCE IN LIGHTING to be the official sponsor of FIT (Federazione Italiana Tennis – The Italian Tennis Federation), of Circuito (Circuit), a series of annual Padel tournaments and of Centri Estivi Federali (Federal Summer Centres).

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