Product data sheet

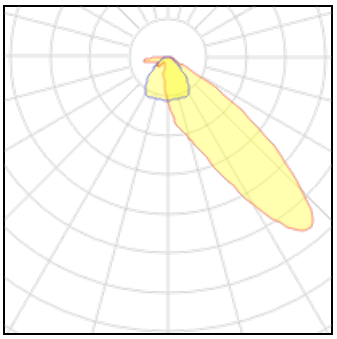
SQUARE PRO A45/M 558W 757 GR-94
3119513
PERFORMANCE IN LIGHTING



IP 66 IK 07 CE F

Part number: 3119513. Serie: SQUARE PRO. 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. Lightsource lumen output [lm]: 91023. Luminaire lumen output [lm]: 80295. Luminaire wattage [W]: 558 W. Luminous efficacy [lm/W]: 144. CRI: 70. Colour temperature [K]: 5700. Colour / Finishing: GR-94 / Metallic grey / Textured. IP degree of protection: IP66. 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. Electrical features | Installation | Application area: PROFESSIONAL OUTDOOR. Mounting type: Floodlighting. Min. ambient temperature [°C]: -40. Max. ambient temperature [°C]: 50. Min. distance from lighted object [m]: 1.00. Light features | Lamps: 1. ILCOS: DSS. MacAdam: 3. Lumen maintenance: L90B10@150000h. Distribution of light emission: Direct. DFF - Downward Flux Fraction [%]: 100. Luminous Intensity Class: G*2. Zero light pollution (ULR = 0%). CIE flux code n.3 95. IPEA* (road lighting): A3+. IPEA* (large areas, roundabouts): A6+. IPEA* (cycle-pedestrian): A4+. IPEA* (green areas): A4+. IPEA* (historic city centers): A8+. Certifications | CE certified. EAC certified. UKCA certified. RCM certified. Mountable on normally inflammable surfaces.

Light output 1 (integrated)



Lamp type	LED	CCT	5700 K
Nominal lamp power	558 W	CRI	70
Total flux	80327 lm	LOR	100%
Luminous efficacy	144 lm/W	Total power	558 W

Mounting mode

Wall mounted

Electric

System power: 558 W
Appliance Class: 0

Shape and measurements

Length: 20.59 in

Width: 25.71 in

Height: 2.99 in

Adjustability

Tiltable

Protection

IP: 66

IK: 07

Designation labels: CE, F