

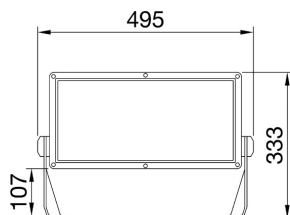
Smart [PRO]e



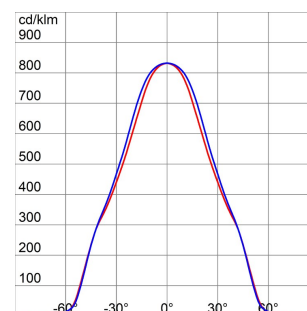
SMART [PRO]e 2M is a medium-power outdoor and indoor LED floodlight, ideal for lighting small to medium-sized areas and sports facilities. It can be installed on the wall, ceiling or ground thanks to the galvanised steel bracket which is powder coated in polyester with trivalent passivation and equipped with an adjustable goniometric scale and supplied in kit form. The main body is made in die cast aluminium EN AB 46100, with an integrated passive heat sink, and powder coated polyester frame with trivalent passivation. COB LED technology for high efficacy. Reflector made of metallised PC-HT or anodised and polished aluminium. 4mm thick toughened front glass, silkscreen printed for symmetrical versions or with anti-reflective nanocoating for asymmetrical versions. Anti-ageing silicone gaskets and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via 5x1mm² H07RN-F cable. Insulation Class 1. Power supply unit and IP68 connector kit supplied separately. Available with five different types of optics, three types of Correlated Colour Temperature (3000K/4000K/5700K) and two different types of Colour Rendering Index (CRI70, CRI80). Designed to withstand surges up to 6KV (differential mode) and 10KV (common mode), temperature variations from -30°C to +50°C, water and dust penetration up to IP66, and impact up to IK08.

GENERAL INFORMATION		OPTIC AND ILLUMINATING FEATURES	
Context	Floodlighting and small- to medium-size sports facilities	Optyka	SW - Symmetrical Wide
Luminaire	LED luminaire with mid lumen power	Unified Glare Rating	G*6 - ULOR = 0%
Zastosowanie	Wewnętrzny/Zewnętrzny	Moc z oprawy (lm)	45000
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	150
Kolor	Szary grafitowy	Temperatura Barwowa	4000 K
Rodzaj źródła światła	LED	Colour Rendering Index	CRI>70
Moc	300 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10 (Tq+25°C) = 100000h; L80B10 (Tq+25°C) > 150000h	Photobiological Risk Class	RG1
Masa (kg)	8	Norma	EN60598-1; EN60598-2-5; IEC62778; EN13201
Gwarancja	5 lat	ELETRICAL AND LIGHTING FEATURES	
Temperatura przechowywania	-	Zasilanie wyjściowe	See external supply unit
Operating temperature	-30 +50 °C	Prąd częstotliwość (Hz)	See external supply unit
MATERIALS		Driver	Included
Body	Aluminium odlewane ciśnieniowo	Driver failure rate	See external supply unit
Typ osłony	Flat tempered glass 4mm	Overvoltage protection	See external supply unit
Optic	Metallised PC-HT Reflector	Control System	See external supply unit
Gasket	Anti-ageing silicone	INSTALLATION AND MAINTENANCE	
Locking Hook	-	Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
External screw	Stainless steel	Tilt	Rotation on bracket with integrated goniometer
Colour	Polyester powder coated with epoxy base coat	Wiring	Watertight connector between floodlight and power supply - to be ordered separately
STANDARDS AND APPROVALS		Mocowanie	Uchwyt
Klasyfikacja	-	Light souce replaceability	By professional
Urządzenie z ograniczoną temperaturą powierzchni	-	Controlgear replaceability	-
Świadectwo wg DIN 18032-3	Nie	Driver Box	Zewnętrzny
IPEA	-	Maksymalna powierzchnia wystawiona na działanie wiatru	0.1 m ²
Klasa Izolacji	I	-	-
Ochrona IP	IP66	-	-
Odporność na wstrząsy	IK08	-	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



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TECHNICAL SYMBOLOGY



0.1 m²



IP
IP66

IK
IK08

STANDARDS/APPROVALS

