

Smart [PRO]e



SMART [PRO]e 2M is a high-power outdoor and indoor LED floodlight, ideal for lighting 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

Context	Floodlighting and small- to medium-size sports facilities
Luminaire	LED floodlight luminaire with high lumen power
Zastosowanie	Wewnętrzny/Zewnętrzny
Unique digital code (Datamatrix)	Currently not present
Kolor	Szary grafitowy
Rodzaj źródła światła	LED
Moc	600 W
LED Lifetime	L90B10 (Tq+25°C) = 100000h; L80B10 (Tq+25°C) > 150000h
Masa (kg)	15

OPTIC AND ILLUMINATING FEATURES

Optyka	SM - Symmetrical Medium
Unified Glare Rating	G*6 - ULOR = 0%
Moc z oprawy (lm)	83600
Efficacy (lm/W)	139
Temperatura Barwowa	3000 K
Colour Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG1
Norma	EN60598-1; EN60598-2-5; IEC62778; EN13201

Gwarancja	5 lat
Temperatura przechowywania	-
Operating temperature	-30 +50 °C

MATERIALS

Body	Aluminium odlewane ciśnieniowo
Typ osłony	Flat tempered glass 4mm
Optic	Metallised PC-HT Reflector
Gasket	Anti-ageing silicone
Locking Hook	-

ELETRICAL AND LIGHTING FEATURES

Zasilanie wyjściowe	See external supply unit
Prąd częstotliwość (Hz)	See external supply unit
Driver	Included
Driver failure rate	See external supply unit
Overvoltage protection	See external supply unit
Control System	See external supply unit

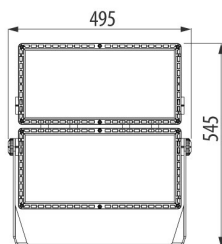
INSTALLATION AND MAINTENANCE

Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
Tilt	Rotation on bracket with integrated goniometer
Wiring	Watertight connector between floodlight and power supply - to be ordered separately

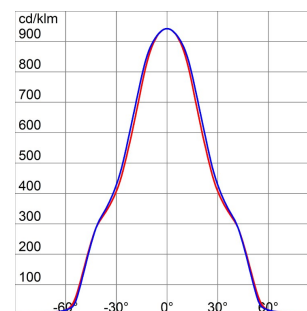
STANDARDS AND APPROVALS

Klasyfikacja	-	Mocowanie	Uchwyt
Urządzenie z ograniczoną temperaturą powierzchni	-	Light souce replaceability	By professional
Świadectwo wg DIN 18032-3	Tak	Controlgear replaceability	-
IPEA	-	Driver Box	Zewnętrzny
Klasa Izolacji	I	Maksymalna powierzchnia wystawiona na działanie wiatru	0,222 m2
Ochrona IP	IP66		-
Odporność na wstrząsy	IK08		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



Smart [PRO]e

TECHNICAL SYMBOLOGY



0,222 m2



IP
IP66

IK
IK08

STANDARDS/APPROVALS

