

Smart [PRO] 2.0

Geïntegreerde oplossing voor professionele sportaccomodaties en grote buitenruimtes



SMART [PRO] 2.0 is a high power outdoor and indoor LED projector, suitable for lighting large areas and sports facilities.

It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket with trivalent passivation, equipped with adjustable goniometric scale and supplied in a kit. The body is fabricated in aluminium die casting

EN AB 46100, with integrated passive heat sink, powder coated polyester with trivalent passivation. Metal core PCB with CSP LED.

Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via IP68 connector for 1.5mm² cables. Insulation class 1. Remote power

supply unit supplied separately. Available with nine different types of optics, three types of Colour Temperature (3,000/4,000K/5,700K) and three different types of Chromatic Yield Index (CRI>70, CRI>80, CRI>90).

Designed to withstand surges up to 5KV (RCCB mode) and 10KV (common mode), temperature variations from -30°C to +50°C, water and dust penetration up to IP66 degree of protection and impacts up to IK08 grade.

GENERAL INFORMATION

Context	Sport, Big Areas
Luminaire	LED luminaire with mid and high lumen power
Toepassing	Binnenshuis / buitenshuis
Unique digital code (Datamatrix)	Currently not present
Kleur	Grafietgrijs
Type lichtbron	LED
System vermogen	660 W
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=90.000h

Gewicht (kg)	15
Garantie	5 jaar
Opslagtemperatuur	-
Operating temperature	-30°C ÷ +50 °C

MATERIALS

Body	Gietaluminium
Type plaat	Flat tempered glass 4mm
Optic	Polished anodised aluminum reflector with 99.99% pure aluminum
Gasket	Anti-ageing silicone
Locking Hook	Hexagonal metric screws
External screw	Stainless steel

STANDARDS AND APPROVALS

Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	Nee
DIN 18032-3-certificering	-
IPEA	-
Isolatie-klasse	I
IP-graad	IP66
Stootbestendigheid	IK08
Glow Wire Test	-

OPTIC AND ILLUMINATING FEATURES

Optiek	S2 - Symmetric Medium
Unified Glare Rating	G*6 - ULOR = 0
Lumen-vermogen (lm)	75800
Efficacy (lm/W)	115
Kleurtemperatuur	4000 K
Colour Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-

Standaard	EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201
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ELETRICAL AND LIGHTING FEATURES

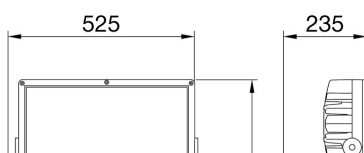
Voedings-spanning	-
Nominale frequentie (Hz)	-
Driver	To be ordered separately
Driver failure rate	See external supply unit
Overvoltage protection	See external supply unit
Control System	See external supply unit

INSTALLATION AND MAINTENANCE

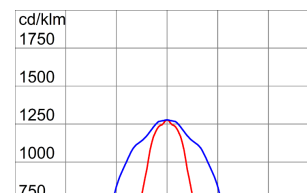
Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
Tilt	Rotation on bracket with integrated goniometer
Wiring	Watertight connector
Bevestiging	Beugel
Light souce replaceability	By professional
Controlgear replaceability	-

Driver Box	Extern
Maximum surface exposed to the wind	0,222 m2

DIMENSIONAL

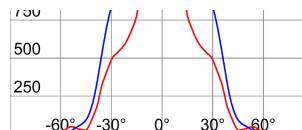
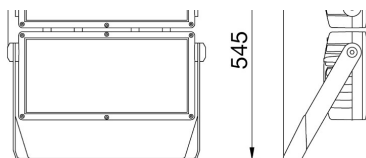


PHOTOMETRIC DISTRIBUTION



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TECHNICAL SYMBOLOGY



0,222 m2



IP
IP66

IK
IK08

GWT
-

STANDARDS/APPROVALS

