



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 1.5mm<sup>2</sup> 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
Application	Indoor / Outdoor
Unique digital code (Datamatrix)	Currently not present
Colour	Graphite grey
Type of light source	LED
System power	660 W
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h
Weight (kg)	15

#### OPTIC AND ILLUMINATING FEATURES

Optic	C1 - Circular 30°
Unified Glare Rating	G*6 - ULOR = 0
Lumen output (lm)	74600
Efficacy (lm/W)	113
Colour temperature	5700 K
Colour Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-
Standard	EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201

Warranty	5 years
Stocking temperature	-
Operating temperature	-30°C ÷ +50 °C

#### MATERIALS

Body	Die-cast aluminium
Shield type	Flat tempered glass 4mm
Optic	Polished quartz and metallized PC HT reflector

#### ELECTRICAL AND LIGHTING FEATURES

Supply voltage	-
Rated frequency (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

Gasket	Anti-aging silicone
Locking Hook	Hexagonal metric screws

#### INSTALLATION AND MAINTENANCE

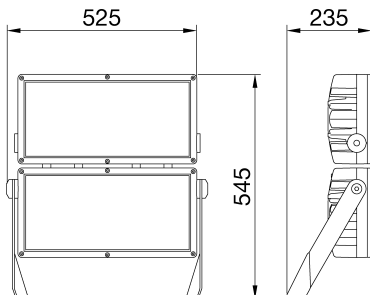
Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
Tilt	Rotation on bracket with integrated goniometer
Wiring	Watertight connector
Fixing	Bracket
Light source replaceability	By professional
Controlgear replaceability	-
Driver Box	External
Maximum surface exposed to the wind	0,222 m <sup>2</sup>

Colour	Polyester powder coated
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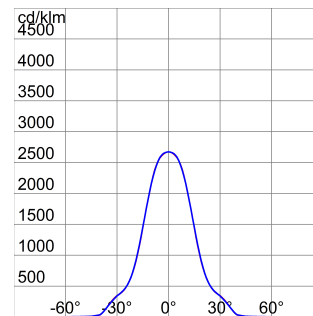
#### STANDARDS AND APPROVALS

Classification	-
Device with reduced surface temperature	No
DIN 18032-3 certification	Available
IPEA	-
Insulation class	I
IP degree	IP66
Mechanical resistance	IK08
Glow Wire Test	-

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



#### TECHNICAL SYMBOLOGY



**IP**  
IP66

**IK**  
IK08

**GWT**  
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#### STANDARDS/APPROVALS

