

SMART [PRO] 2.0 is an outdoor and indoor medium-power LED floodlight, suitable for sports and big areas. It can be installed on the wall, ceiling or floor thanks to the galvanized steel powder coated bracket with trivalent passivation equipped with adjustable goniometric scale.

Die-cast aluminium body EN AB 46100, with passive heatsink integrated, polyester powder coated with trivalent passivation. PCB metal core with CSP LED.

Reflector in metallised HT or anodised and polished aluminium. Front glass 4mm thick, anti-aging silicone gaskets and stainless steel A2 external 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. Nine different types of optics available, three types of Color Temperature (3000 / 4000K / 5700K) and three different types of Color Rendering Index (CRI> 70, CRI> 80, CRI> 90).

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

#### GENERAL INFORMATION

Context	Sport, Big Areas
Luminaire	LED luminaire with mid and high lumen power
Application	Intérieur/ Extérieur
Unique digital code (Datamatrix)	Attualmente non presente
Couleur	Gris graphite
Type de source lumineuse	LED - Non remplaçable
Puissance du système	660 W
Lifetime	L90B10 (Tq+25°C) > 40000h L90B10 (Tq+50°C) = 32000h L80B10 (Tq+25°C) > 90000h
Poids (kg)	15
Garantie	5 ans
Température de stockage	-
Operating temperature	-30 +50 °C

#### MATERIALS

Body	Aluminium moulé sous pression
Vasque	Flat tempered glass 4mm
Optic	Polished quartz and metallized PC HT reflector
Gasket	Anti-aging silicone
Locking Hook	Hexagonal metric screws
External screw	Stainless steel
Colour	Polyester powder coated

#### STANDARDS AND APPROVALS

Classification	-
Appareil avec température de surface réduite	Non
Certification DIN 18032-3	-
IPEA	-
Classe isolement	I
Indice de protection	IP66
Résistance aux chocs	IK08
Test du fil incandescent	-

#### OPTIC AND ILLUMINATING FEATURES

Optique	C4 - Circular 15°
Unified Glare Rating	G*6 - ULOR = 0
Lumen en sortie (Lm)	76400
Efficiency (lm/W)	116
Température de couleur	3000 K
Color Rendering Index	CRI>70
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-
Norme	EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201

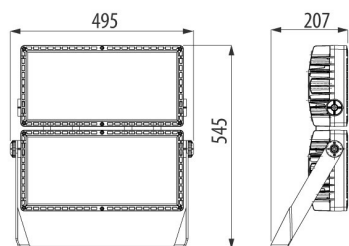
#### ELECTRICAL AND LIGHTING FEATURES

Tension d'alimentation	-
Fréquence nominale (Hz)	-
Driver	Included
Overvoltage protection	See external supply unit
Control System	See external supply unit

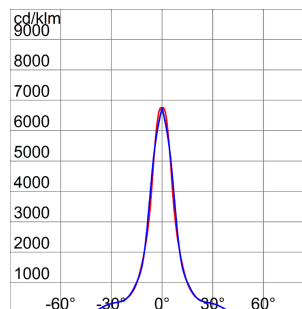
#### INSTALLATION AND MAINTENANCE

Mouting and installation	High-mast lighting - Wall mounting - Ground mouting
Inclination angle	Rotation on bracket with integrated goniometer
Wiring	Watertight connector
Fixation	Étrier
Optic Maintenance	Not available
LED Maintenance	Oui
Driver Box	Externe
Surface maximale exposée au vent	0,222 m <sup>2</sup>

#### DIMENSIONS



#### DISTRIBUTION PHOTOMETRIQUE



#### SYMBOLE TECHNIQUE



0,222 m<sup>2</sup>



IP

IP66

IK

IK08

GWT

-

#### NORMES ET HOMOLOGATIONS



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