

Smart [PRO] 2.0

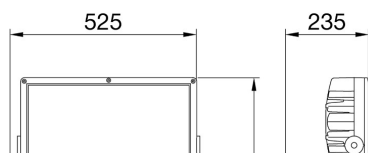
Geïntegreerde oplossing voor professionele sportaccomodaties en grote buitenruimtes



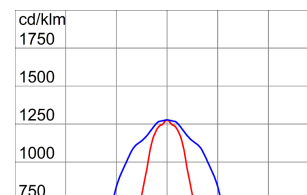
SMART [PRO] 2.0 is a high power outdoor and indoor LED projector, suitable for lighting large areas and sports facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket with trivalent passivation, equipped with adjustable goniometric 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 1.5mm<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		OPTIC AND ILLUMINATING FEATURES	
Context	Sport, Big Areas	Optiek	S2 - Symmetric Medium
Luminaire	LED luminaire with mid and high lumen power	Unified Glare Rating	G*6 - ULOR = 0
Toepassing	Binnenshuis / buitenshuis	Lumen-vermogen (lm)	81200
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	123
Kleur	Grafietgrijs	Kleur temperatuur	5700 K
Type lichtbron	LED	Colour Rendering Index	CRI>70
System vermogen	660 W	Standard Deviation Colour Matching	SDCM = 5
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=90.000h	Photobiological Risk Class	-
Gewicht (kg)	15	Standaard	EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201
Garantie	5 jaar	ELETRICAL AND LIGHTING FEATURES	
Opslagtemperatuur	-	Voedings-spanning	-
Operating temperature	-30°C ÷ +50 °C	Nominale frequentie (Hz)	-
MATERIALS		Driver	To be ordered separately
Body	Gietaluminium -	Driver failure rate	See external supply unit
Type plaat	Flat tempered glass 4mm	Overvoltage protection	See external supply unit
Optic	Polished anodised aluminum reflector with 99.99% pure aluminum	Control System	See external supply unit
Gasket	Anti-aging silicone	INSTALLATION AND MAINTENANCE	
Locking Hook	Hexagonal metric screws	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	Wiring	Watertight connector
STANDARDS AND APPROVALS		Bevestiging	Beugel
Classificering	-	Light souce replaceability	By professional
Toestel met verlaagde oppervlaktetemperatuur	Nee	Controlgear replaceability	-
DIN 18032-3-certificering	Available	Driver Box	Extern
IPEA	-	Maximum surface exposed to the wind	0,222 m2
Isolatie-klasse	I		-
IP-graad	IP66		-
Stoot-bestendigheid	IK08		-
Glow Wire Test	-		-

DIMENSIONAL



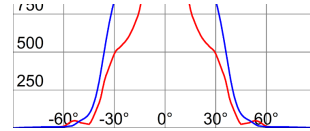
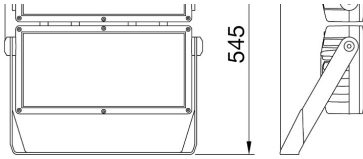
PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 18/08/2024. They can be changed at any moment, therefore it is always recommended to read the last updated version published on the website [www.gewiss.com](http://www.gewiss.com). Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at <https://www.gewiss.com/it/en/company/landingpage/led-warranty>. - 1 of 2

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### TECHNICAL SYMBOLOGY



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



**IP**

IP66

**IK**

IK08

**GWT**

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### STANDARDS/APPROVALS

