

### Smart [PRO] 2.0

Geïntegreerde oplossing voor professionele sportaccommodaties en grote buitenruimtes



SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and 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 kit. The body is produced 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. Driver integrated in options 1-10 V or DALI. Available with nine different types of optics, three types of Colour Temperature (3,000K/4,000K/5,700K) and two different types of Chromatic Yield Index (CRI>70, CRI>80). 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 protection and impacts up to IK08.

#### GENERAL INFORMATION

Context	Sport, Big Areas
Luminaire	LED luminaire with small, mid and high lumen power
Toepassing	Binnenshuis / buitenshuis
Unique digital code (Datamatrix)	Currently not present
Kleur	Grafietgrijs
Type lichtbron	LED
System vermogen	330 W
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=90.000h

#### OPTIC AND ILLUMINATING FEATURES

Optiek	S2 - Symmetric Medium
Unified Glare Rating	G*6 - ULOR = 0
Lumen-vermogen (lm)	37900
Efficacy (lm/W)	115
Kleur temperatuur	4000 K
Colour Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-

Gewicht (kg)	13
Garantie	5 jaar
Opslagtemperatuur	-
Operating temperature	-30°C + +50 °C

Standaard	EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201
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#### MATERIALS

Body	Gietaluminium -
Type plaat	Flat tempered glass 4mm
Optic	Polished anodised aluminum reflector with 99.99% pure aluminum

Driver	Included
Driver failure rate	F10 = 80.000h Tq25°C
Overvoltage protection	DM 5KV / CM 10KV
Control System	Standalone - 1/10 V

Gasket	Anti-aging silicone
Locking Hook	Hexagonal metric screws

#### INSTALLATION AND MAINTENANCE

External screw	Stainless steel
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Mounting and installation	High-mast lighting - Wall mounting - Ground mounting
Tilt	Rotation on bracket with integrated goniometer

Colour	Polyester powder coated
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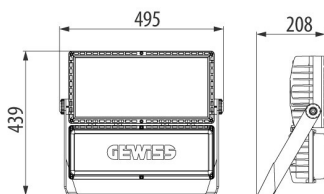
Wiring	Watertight connector
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#### STANDARDS AND APPROVALS

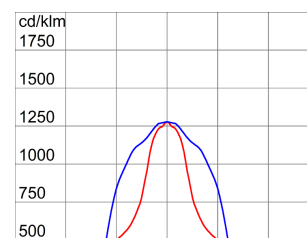
Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	Nee
DIN 18032-3-certificering	Available
IPEA	-
Isolatie-klasse	I
IP-graad	IP66
Stoot-bestendigheid	IK08
Glow Wire Test	-

Bevestiging	Beugel
Light source replaceability	By professional
Controlgear replaceability	By professional
Driver Box	Ingebouwd
Maximum surface exposed to the wind	0,170 m <sup>2</sup>

### DIMENSIONAL

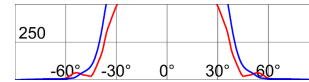


### PHOTOMETRIC DISTRIBUTION



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#### TECHNICAL SYMBOLOGY



**IP**  
IP66

**IK**  
IK08

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

