

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

#### OPTIC AND ILLUMINATING FEATURES

Optiek	S1 - Symmetric Wide
Unified Glare Rating	G*6 - ULOR = 0
Lumen-vermogen (lm)	36600
Efficacy (lm/W)	111
Kleur temperatuur	5700 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

Materialen	Gietaluminium - Type plaat 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

Eletrical and Lighting Features	Voedings-spanning 220 - 240 V Nominale frequentie (Hz) 50 / 60 Driver Included Driver failure rate F10 = 80.000h Tq25°C Overvoltage protection DM 5KV / CM 10KV Control System Standalone - 1/10 V
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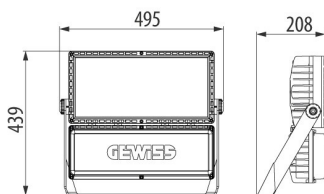
Standards and Approvals	Classificering - Toestel met verlaagde oppervlaktetemperatuur Nee DIN 18032-3-certificering Ja IPEA - Isolatie-klasse I IP-graad IP66 Stootbestendigheid IK08 Glow Wire Test -
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Installation and Maintenance	Mounting and installation High-mast lighting - Wall mounting - Ground mouting Tilt Rotation on bracket with integrated goniometer Wiring Watertight connector Bevestiging Beugel Light source replaceability By professional Controlgear replaceability By professional Driver Box Ingebouwd Maximum surface exposed to the wind 0,170 m2
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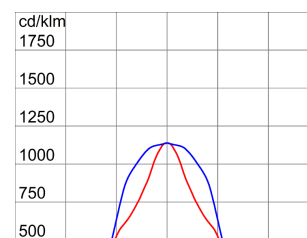
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### DIMENSIONAL



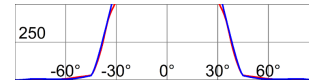
### PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 23/04/2024. 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



0,170 m2



**IP**  
IP66

**IK**  
IK08

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

**UK  
CA**

