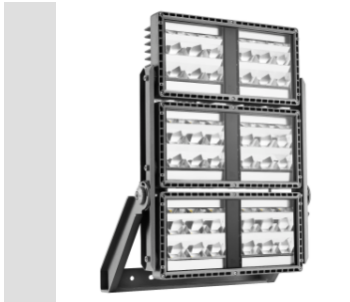


Smart [PRO] 2.0

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 dissipation, powder-coated polyester paint with trivalent passivation. PCB metal core 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. Bracket screws with GEOMET® treatment. Plastic venting and anti-condensation device. Insulation class 1. Remote power supply unit in DALI or DMX options, multiple electrical connection kits, 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 Color Rendering 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 protection grade and shockproof up to IK08 grade.

**GENERAL INFORMATION**

Context	Sport, Big Areas
Luminaire	LED luminaire with mid and high lumen power
Toepassing	Binnenshuis / buitenshuis
Unique digital code (Datamatrix)	Currently not present
Kleur	Grafietgrijs
Type lichtbron	LED
System vermogen	970 W
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=90.000h
Gewicht (kg)	29
Garantie	5 jaar
Opslagtemperatuur	-
Operating temperature	-30°C + +50 °C

**OPTIC AND ILLUMINATING FEATURES**

Optiek	S2 - Symmetric Medium
Unified Glare Rating	G*6 - ULOR = 0
Lumen-vermogen (lm)	97400
Efficacy (lm/W)	100
Kleur temperatuur	5700 K
Colour Rendering Index	CRI>90 TLCI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-
Standaard	EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201

**MATERIALS**

Body	Gietaluminium -
Type plaat	Flat tempered glass 4mm
Optic	Polished anodised aluminum reflector with 99.99% pure aluminum
Gasket	Anti-aging silicone
Locking Hook	Hexagonal metric screws
External screw	Stainless steel

**ELETRICAL AND LIGHTING FEATURES**

Voedings-spanning	-
Nominale frequentie (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

**INSTALLATION AND MAINTENANCE**

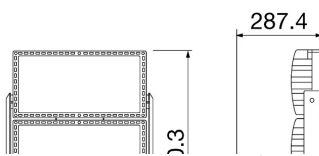
Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
Tilt	Rotation on bracket with integrated goniometer
Wiring	Watertight connector
Bevestiging	Beugel
Light souce replaceability	By professional
Controlgear replaceability	-

**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	-

Driver Box	Extern
Maximum surface exposed to the wind	0,333 m2

**DIMENSIONAL**



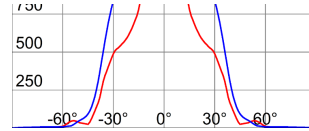
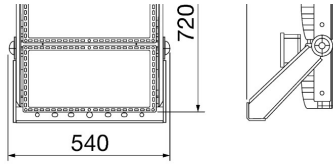
**PHOTOMETRIC DISTRIBUTION**



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

Smart [PRO] 2.0

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### TECHNICAL SYMBOLOGY



0,333 m2



**IP**

IP66

**IK**

IK08

**GWT**

-

### STANDARDS/APPROVALS

