

Smart [PRO] 2.0

Geïntegreerde oplossing voor professionele sportaccomodaties en grote buitenruimtes

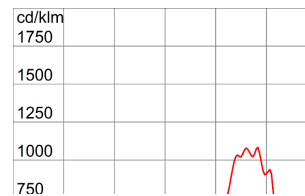
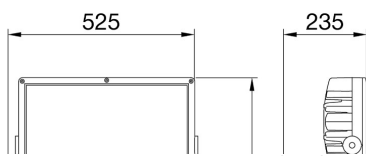


SMART [PRO] 2.0 is a high power outdoor and indoor LED projector, suitable for lighting large areas and sports facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket with trivalent passivation, equipped with adjustable goniometric 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 1.5mm² 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 | A1 - Asymmetrical Wide |
| Luminaire | LED luminaire with mid and high lumen power | Unified Glare Rating | G*4 - ULOR = 0 |
| Toepassing | Binnenshuis / buitenshuis | Lumen-vermogen (lm) | 71100 |
| Unique digital code (Datamatrix) | Currently not present | Efficacy (lm/W) | 108 |
| Kleur | Grafietgrijs | Kleur temperatuur | 4000 K |
| Type lichtbron | LED | Colour Rendering Index | CRI>80 |
| System vermogen | 660 W | Standard Deviation Colour Matching | SDCM = 3 |
| 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 quartz and metallized PC HT reflector | 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

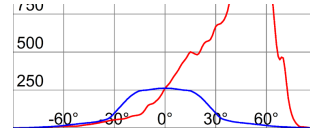
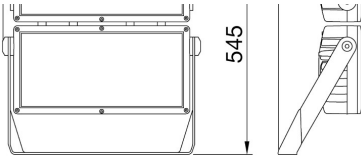
PHOTOMETRIC DISTRIBUTION



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. 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 m2



IP

IP66

IK

IK08

GWT

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STANDARDS/APPROVALS

