# Product Data Sheet

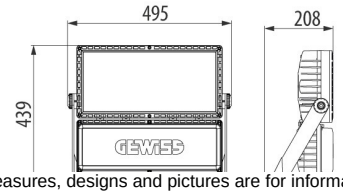
# GWP2274MB

Smart [PRO] 2.0
Geïntegreerde oplossing voor professionele sportaccomodaties en grote buitenruimtes

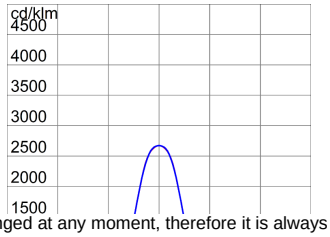
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale 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 1.5mm2 cables. Insulation class 2.
Driver integrated in DALI options. 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 degree of protection and impacts up to IK08 grade.

| | | | |
|---|---|---|---|
| **GENERAL INFORMATION** | - | **OPTIC AND ILLUMINATING FEATURES** | - |
| Context | Sport, Big Areas | Optiek | C1 - Circular 30° |
| Luminaire | LED luminaire with small,mid and high lumen power | Unified Glare Rating | G*6 - ULOR = 0 |
| Toepassing | Binnenshuis / buitenshuis | Lumen-vermogen (lm) | 40000 |
| Unique digital code (Datamatrix) | Currently not present | Efficacy (lm/W) | 121 |
| Kleur | Grafietgrijs | Kleur temperatuur | 4000 K |
| Type lichtbron | LED | Colour Rendering Index | CRI>70 |
| System vermogen | 330 W | Standard Deviation Colour Matching | SDCM = 5 |
| LED Lifetime | L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=90.000h | Photobiological Risk Class | - |
| Gewicht (kg) | 13 | Standaard | EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201 |
| Garantie | 5 jaar | **ELETRICAL AND LIGHTING FEATURES** | - |
| Opslagtemperatuur | - | Voedings-spanning | 220 - 240 V |
| Operating temperature | -30°C ÷ +50 °C | Nominale frequentie (Hz) | 50 / 60 |
| **MATERIALS** | - | Driver | Included |
| Body | Gietaluminium - | Driver failure rate | F10 = 100.000h Tq25°C |
| Type plaat | Flat tempered glass 4mm | Overvoltage protection | DM 6 kV / CM 10 kV |
| Optic | Polished quartz and metallized PC HT reflector | Control System | DALI |
| 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 | By professional |
| DIN 18032-3-certificering | Ja | Driver Box | Ingebouwd |
| IPEA | - | Maximum surface exposed to the wind | 0,170 m2 |
| Isolatie-klasse | II | | - |
| IP-graad | IP66 | | - |
| Stoot-bestendigheid | IK08 | | - |
| Glow Wire Test | - | | - |

## DIMENSIONAL




## PHOTOMETRIC DISTRIBUTION



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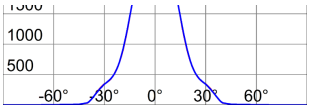


## TECHNICAL SYMBOLOGY

| | | | | | | IP | IK | GWT |
|---|---|---|---|---|---|---|---|---|
| | | | | 0,170 m2 | | IP66 | IK08 | - |

## STANDARDS/APPROVALS

Data, measures, designs and pictures are for information purpose only, last update 01/05/2024. They can be changed at any moment, therefore it is always ecommended 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. 