

Product Data Sheet

GWP2475GS

SMART [PRO] 2.0



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

| | | | |
|----------------------------------|---|------------------------------------|---|
| Context | Sport, Big Areas | Optic | C4 - Circular 15° |
| Luminaire | LED luminaire with mid and high lumen power | Unified Glare Rating | G*6 - ULOR = 0 |
| Application | Indoor / Outdoor | Lumen output (lm) | 81800 |
| Unique digital code (Datamatrix) | Currently not present | Efficacy (lm/W) | 124 |
| Colour | Graphite grey | Colour temperature | 5700 K |
| Type of light source | LED | Colour Rendering Index | CRI>70 |
| System power | 660 W | Standard Deviation Colour Matching | SDCM = 5 |
| LED Lifetime | L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h | Photobiological Risk Class | - |
| Weight (kg) | 15 | Standard | EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201 |

| | | | |
|-----------------------|------------|--|---|
| Warranty | 5 years | ELETRICAL AND LIGHTING FEATURES | - |
| Stocking temperature | - | Supply voltage | - |
| Operating temperature | -30 +50 °C | Rated frequency (Hz) | - |

MATERIALS

| | | | |
|-------------|--|------------------------|--------------------------|
| Body | Die-cast aluminium | Driver | To be ordered separately |
| Shield type | Flat tempered glass 4mm | Driver failure rate | See external supply unit |
| Optic | Polished quartz and metallized PC HT reflector | Overvoltage protection | See external supply unit |
| | | Control System | See external supply unit |

| | | | |
|--------------|-------------------------|-------------------------------------|---|
| Gasket | Anti-ageing 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 |
|----------------|-----------------|------|--|

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|--------------------------------|-------------------------|--------|----------------------|
| Colour | Polyester powder coated | Wiring | Watertight connector |
| STANDARDS AND APPROVALS | - | Fixing | Bracket |

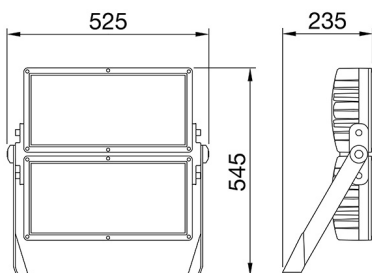
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|---|----|----------------------------|-----------------|
| Classification | - | Light souce replaceability | By professional |
| Device with reduced surface temperature | No | Controlgear replaceability | - |

| | | | |
|---------------------------|---|-------------------------------------|----------------------|
| DIN 18032-3 certification | - | Driver Box | External |
| IPEA | - | Maximum surface exposed to the wind | 0,222 m ² |

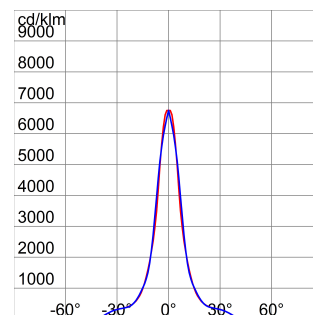
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|------------------|------|--|---|
| Insulation class | I | | - |
| IP degree | IP66 | | - |

| | | | |
|-----------------------|------|--|---|
| Mechanical resistance | IK08 | | - |
| Glow Wire Test | - | | - |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



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TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

