

Product Data Sheet

GWP2630AC840

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 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 |
| Application | Indoor / Outdoor |
| Unique digital code (Datamatrix) | Currently not present |
| Colour | Graphite grey |
| Type of light source | LED |
| System power | 970 W |
| LED Lifetime | L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h |
| Weight (kg) | 29 |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|---|
| Optic | A1 - Asymmetrical Wide |
| Unified Glare Rating | G*4 - ULOR = 0 |
| Lumen output (lm) | 106600 |
| Efficacy (lm/W) | 110 |
| Colour temperature | 4000 K |
| Colour Rendering Index | CRI>80 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | - |
| Standard | EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201 |

| | |
|-----------------------|------------|
| Warranty | 5 years |
| Stocking temperature | - |
| Operating temperature | -30 +50 °C |

ELETRICAL AND LIGHTING FEATURES

| | |
|------------------------|--------------------------|
| Supply voltage | - |
| Rated frequency (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 |

MATERIALS

| | |
|-------------|--|
| Body | Die-cast aluminium - |
| Shield type | Flat tempered glass 4mm |
| Optic | Polished quartz and metallized PC HT reflector |

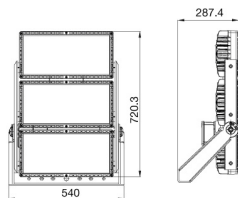
INSTALLATION AND MAINTENANCE

| | | | |
|----------------|-------------------------|---------------------------|---|
| Gasket | Anti-ageing silicone | Mounting and installation | High-mast lighting - Wall mounting - Ground mouting |
| Locking Hook | Hexagonal metric screws | Tilt | Rotation on bracket with integrated goniometer |
| External screw | Stainless steel | Wiring | Watertight connector |

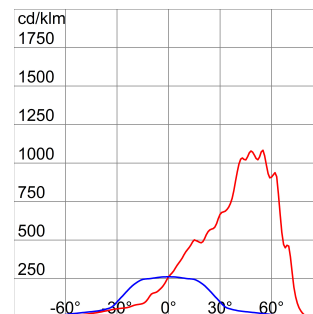
| | |
|---|-------------------------|
| Colour | Polyester powder coated |
| STANDARDS AND APPROVALS | - |
| Classification | - |
| Device with reduced surface temperature | No |
| DIN 18032-3 certification | - |
| IPEA | - |
| Insulation class | I |
| IP degree | IP66 |
| Mechanical resistance | IK08 |
| Glow Wire Test | - |

| | |
|-------------------------------------|-----------------|
| Fixing | Bracket |
| Light souce replaceability | By professional |
| Controlgear replaceability | - |
| Driver Box | External |
| Maximum surface exposed to the wind | 0,333 m2 |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



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TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

