



SMART [PRO]e 2M is a medium-power outdoor and indoor LED floodlight, ideal for lighting small to medium-sized areas and sports facilities. It can be installed on the wall, ceiling or ground thanks to the galvanised steel bracket which is powder coated in polyester with trivalent passivation and equipped with an adjustable goniometric scale and supplied in kit form. The main body is made in die cast aluminium EN AB 46100, with an integrated passive heat sink, and powder coated polyester frame with trivalent passivation. COB LED technology for high efficacy. Reflector made of metallised PC-HT or anodised and polished aluminium. 4mm thick toughened front glass, silkscreen printed for symmetrical versions or with anti-reflective nanocoating for asymmetrical versions. Anti-ageing silicone gaskets and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via 5x1mm2 H07RN-F cable. Insulation Class 1. Power supply unit and IP68 connector kit supplied separately. Available with five different types of optics, three types of Correlated Colour Temperature (3000K/4000K/5700K) and two different types of Colour Rendering Index (CRI70, CRI80). Designed to withstand surges up to 6KV (differential mode) and 10KV (common mode), temperature variations from -30°C to +50°C, water and dust penetration up to IP66, and impact up to IK08.

| GENERAL INFORMATION | | OPTIC AND ILLUMINATING FEATURES | |
|---|---|-------------------------------------|---|
| Context | Floodlighting and small- to medium-size sports facilities | Optic | SN - Symmetrical Narrow |
| Luminaire | LED luminaire with mid lumen power | Unified Glare Rating | G*6 - ULOR = 0% |
| Application | Indoor / Outdoor | Lumen output (lm) | 42000 |
| Unique digital code (Datamatrix) | Currently not present | Efficacy (lm/W) | 140 |
| Colour | Graphite grey | Colour temperature | 3000 K |
| Type of light source | LED | Colour Rendering Index | CRI>80 |
| System power | 300 W | Standard Deviation Colour Matching | SDCM = 3 |
| LED Lifetime | L90B10 (Tq+25°C) = 100000h; L80B10 (Tq+25°C) > 150000h | Photobiological Risk Class | RG1 |
| Weight (kg) | 8 | Standard | EN60598-1; EN60598-2-5; IEC62778; EN13201 |
| Warranty | 5 years | ELECTRICAL AND LIGHTING FEATURES | |
| Stocking temperature | - | Supply voltage | See external supply unit |
| Operating temperature | -30°C ÷ +50 °C | Rated frequency (Hz) | See external supply unit |
| MATERIALS | | Driver | Included |
| Body | Die-cast aluminium | Driver failure rate | See external supply unit |
| Shield type | Flat tempered glass 4mm | Overvoltage protection | See external supply unit |
| Optic | Metallised PC-HT Reflector | Control System | See external supply unit |
| Gasket | Anti-ageing silicone | INSTALLATION AND MAINTENANCE | |
| Locking Hook | - | 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 with epoxy base coat | Wiring | Watertight connector between floodlight and power supply - to be ordered separately |
| STANDARDS AND APPROVALS | | Fixing | Bracket |
| Classification | - | Light souce replaceability | By professional |
| Device with reduced surface temperature | - | Controlgear replaceability | - |
| DIN 18032-3 certification | Compliant | Driver Box | External |
| IPEA | - | Maximum surface exposed to the wind | 0.1 m² |
| Insulation class | I | | - |
| IP degree | IP66 | | - |
| Mechanical resistance | IK08 | | - |

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION



Product Data Sheet
GWP2234AI830

40 CDI Range

TECHNICAL SYMBOLOGY



0.1 m²



IP
IP66

IK
IK08

STANDARDS/APPROVALS

