

Smart [PRO] 2.0



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

| | |
|----------------------------------|--|
| Context | Sport, Big Areas |
| Luminaire | LED luminaire with small, mid and high lumen power |
| Aplicație | Intern / Extern |
| Unique digital code (Datamatrix) | Currently not present |
| Culoare | Gri grafit |
| Tip sursă de lumină | LED - Neînlocuibil |
| Puterea sistemului | 330 W |
| LED Lifetime | L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=90.000h |
| Greutate (Kg) | 13 |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|---|
| Optică | S2 - Symmetric Medium |
| Unified Glare Rating | G*6 - ULOR = 0 |
| Lumină ieșire (lm) | 40600 |
| Efficiency (lm/W) | 123 |
| Culoare Temperatură | 4000 K |
| Color Rendering Index | CRI>70 |
| Standard Deviation Colour Matching | SDCM = 5 |
| Photobiological Risk Class | - |
| Standard | EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201 |

Garanție

| | |
|------------------------|------------|
| Garanție | 5 ani |
| Temperatură de stocare | - |
| Operating temperature | -30 +50 °C |

MATERIALS

| | |
|----------------|--|
| Body | Aluminiu turnat |
| Ecran | Flat tempered glass 4mm |
| Optic | Polished anodised aluminum reflector with 99.99% pure aluminum |
| Gasket | Anti-ageing silicone |
| Locking Hook | Hexagonal metric screws |
| External screw | Stainless steel |

ELETRICAL AND LIGHTING FEATURES

| | |
|-------------------------|-----------------------|
| Tensiune de alimentare | 220 - 240 V |
| Frecvență nominală (Hz) | 50 / 60 |
| Driver | Included |
| Driver failure rate | F10 = 100.000h Tq25°C |
| Overvoltage protection | DM 6 kV / CM 10 kV |
| Control System | DALI |

INSTALLATION AND MAINTENANCE

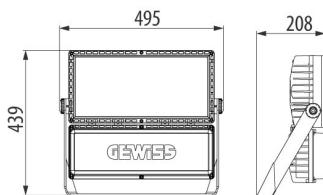
| | |
|--------------------------|---|
| Mouting and installation | High-mast lighting - Wall mounting - Ground mouting |
| Tilt | Rotation on bracket with integrated goniometer |
| Wiring | Watertight connector |

STANDARDS AND APPROVALS

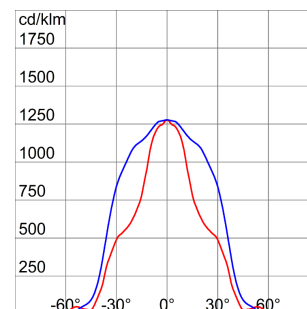
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|---|------|
| Clasificare | - |
| Dispozitiv cu temperatură la suprafață redusă | Nu |
| Certificarea DIN 18032-3 | Da |
| IPEA | - |
| Clasă izolație | II |
| Clasă de protecție IP | IP66 |
| Cod IK | IK08 |
| Glow Test conductori | - |

| | |
|---------------------------------|---------------|
| Prindere | Consolă |
| Optic Maintenance | Not available |
| LED Maintenance | Not available |
| Driver Box | Integrat |
| Suprafață maximă expusă la vânt | 0,170 m2 |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



Smart [PRO] 2.0

TECHNICAL SYMBOLOGY



0,170 m2



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

