



Spatium PRO | 1 is a high-power LED floodlight, with high-emittance LES (light emitted surface), suitable for lighting small or medium-sized sporting facilities. The floodlight has a graphite grey finish with trivalent treatment for maximum resistance to oxidation and is equipped with an integrated 'self-cleaning' heat dissipation system. It consists of 1 module with a bleed and anti-condensation valve, protected from accidental impact. The bracket is made of galvanised steel fixed to the module with screws. The orientation system is enabled by the goniometer integrated into the bracket, which facilitates the pointing phases during installation. The floodlight is available in the following colour temperatures 4,000K or 5,700K and colour rendering CRI>70, CRI>80 or CRI>90 (TLCl>80). In addition, the range offers 6 types of circular optics, from 8° up to 40°, 1 symmetrical/elliptical optic and 2 asymmetric optics. The T.I.R.Ex. optic system developed by GEWISS with lenses in PMMA HT (high-transparency), gives complete control over the light beam, allowing for great flexibility in any project design, with high qualitative and quantitative performance. The floodlight is completed with the power supply unit fixed onto the back of the heat sink. The powers supply unit available in DALI or DMX-RDM versions acan be oriented to optimise the heat dispersion depending on the orientation of the motor. It is protected from surges up to 6KV in differential mode and 10KV in common mode.

GENERAL INFORMATION

| | |
|----------------------------------|---|
| Context | Professional sport lighting |
| Luminaire | High power LED floodlight |
| Application | Indoor / Outdoor |
| Unique digital code (Datamatrix) | Currently not present |
| Colour | Graphite grey |
| Type of light source | LED |
| System power | 480 W |
| LED Lifetime | L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h |
| Weight (kg) | 15 |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|----------------|
| Optic | Asymmetric 60° |
| Unified Glare Rating | ULOR = 0% |
| Lumen output (lm) | 49500 |
| Efficacy (lm/W) | 103 |
| Colour temperature | 5700 K |
| Colour Rendering Index | CRI70 |
| Standard Deviation Colour Matching | SDCM = 5 |
| Photobiological Risk Class | - |

| | |
|----------|--|
| Standard | EN60598-1; EN60598-2-5; IEC 62471; IEC 62778 |
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| | |
|-----------------------|------------|
| Warranty | 5 years |
| Stocking temperature | - |
| Operating temperature | -25 +50 °C |

ELETRICAL AND LIGHTING FEATURES

| | |
|------------------------|----------------------|
| Supply voltage | 220 - 240 V |
| Rated frequency (Hz) | 50 / 60 |
| Driver | Included |
| Driver failure rate | F10 = 90.000h Tq25°C |
| Overvoltage protection | DM 6 kV / CM 10 kV |
| Control System | DMX |

MATERIALS

| | |
|--------------|---------------------------|
| Body | Die-cast aluminium |
| Shield type | Flat tempered glass 4mm |
| Optic | T.I.R.Ex. Optical PMMA HT |
| Gasket | Anti-aging silicone |
| Locking Hook | - |

INSTALLATION AND MAINTENANCE

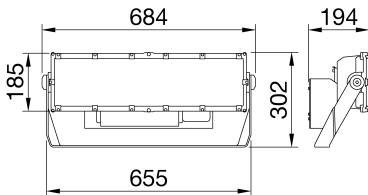
| | |
|---------------------------|---|
| Mounting and installation | High-mast lighting - Wall mounting - Ground mouting |
| Tilt | Rotation on bracket with integrated goniometer |
| Wiring | Watertight connector between floodlight and power supply unit |

| | |
|----------------|-------------------------|
| External screw | Stainless steel |
| Colour | Polyester powder coated |

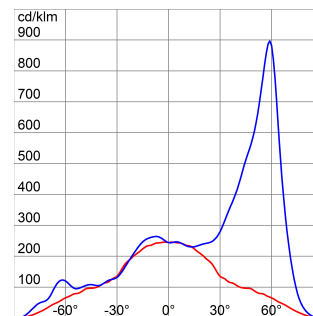
STANDARDS AND APPROVALS

| | | | |
|---|------|-------------------------------------|-----------------|
| Classification | - | Fixing | Bracket |
| Device with reduced surface temperature | - | Light souce replaceability | By professional |
| DIN 18032-3 certification | - | Controlgear replaceability | By professional |
| IPEA | - | Driver Box | External |
| Insulation class | I | Maximum surface exposed to the wind | 0.15 m² |
| IP degree | IP66 | | |
| Mechanical resistance | IK08 | | |
| Glow Wire Test | - | | |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

