

Spatium PRO | 1 is a high-power outdoor LED floodlight suitable for the lighting of outdoor areas such as industrial perimeter areas, pedestrian areas and car parks. 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 in galvanised steel fixed to the module via 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 3,000K, 4,000K or 5,700K and colour rendering CRI>70 (SDCM 5 Step), CRI>80 (SDCM 3 Step). The range also includes 4 types of optics: circular 40°, 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 for any project design, with high qualitative and quantitative performance. The floodlight is completed with an external power supply unit fixed to the back of the heatsink. The power supply unit, available in the DALI version can be oriented to optimise the heat dissipation 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

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|----------------------------------|---|
| Context | Large outdoor lighting areas |
| 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 | 400 W |
| LED Lifetime | L90B10(Tq25°C)>100.000h; L80B10 (Tq25°C)>150.000h |
| Weight (kg) | 15 |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|--|
| Optic | Elliptical 30°x80° |
| Unified Glare Rating | ULOR = 0% |
| Lumen output (lm) | 40000 |
| Efficacy (lm/W) | 100 |
| Colour temperature | 5700 K |
| Colour Rendering Index | CRI 80 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | - |
| Standard | EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 |

| | |
|-----------------------|------------|
| Warranty | 5 years |
| Stocking temperature | - |
| Operating temperature | -25 +50 °C |

ELECTRICAL AND LIGHTING FEATURES

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

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|------------------|---------------------------|
| 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

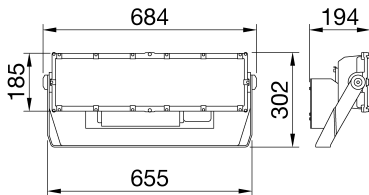
| | |
|---------------------------|---|
| Mounting and installation | High-mast lighting - Wall mounting - Ground mounting |
| Tilt | Rotation on bracket with integrated goniometer |
| Wiring | Watertight connector between floodlight and power supply unit |

STANDARDS AND APPROVALS

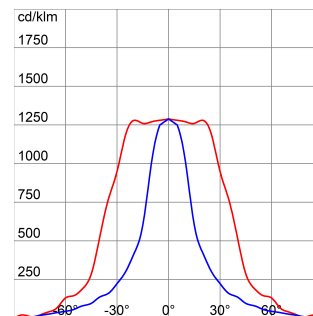
| | |
|---|-----------|
| Classification | - |
| Device with reduced surface temperature | - |
| DIN 18032-3 certification | Available |
| IPEA | - |
| Insulation class | I |
| IP degree | IP66 |
| Mechanical resistance | IK08 |
| Glow Wire Test | - |

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|-------------------------------------|-----------------|
| Fixing | Bracket |
| Light source replaceability | By professional |
| Controlgear replaceability | By professional |
| Driver Box | External |
| Maximum surface exposed to the wind | 0.15 m² |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

