

Spatium PRO | 2 is a high-power outdoor LED floodlight, suitable for lighting large areas and industrial zones. 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 2 modules, each with a bleed and anti-condensation valve, protected from accidental impact. The rotation system between the brackets and optic modules is of a truncated-conical aluminium type, with an integrated goniometer in the bracket for easy control of orientation, and screw and grub screw fastening, which guarantees the secure fixing of each individual module over time. The blocks are misaligned to allow for better thermal dissipation and increased system efficiency and longevity. 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 system includes an external power supply unit installed on the bracket or remote in the DALI version. The Power supply unit is for single-phase electric networks, protected from surges up to 6KV in differential mode and 10KV in common mode.

GENERAL INFORMATION

| | |
|----------------------------------|------------------------------|
| 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 | 800 W |
| LED Lifetime | L90B10(Tq25°C)>100.000h; L80B10 (Tq25°C)>150.000h |
| Weight (kg) | 18 |

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

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 | - |
| External screw | Stainless steel |

| | |
|--------|-------------------------|
| Colour | Polyester powder coated |
|--------|-------------------------|

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 | - |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|--------------|
| Optic | Circular 40° |
| Unified Glare Rating | ULOR = 0% |
| Lumen output (lm) | 92000 |
| Efficacy (lm/W) | 115 |
| Colour temperature | 3000 K |
| Colour Rendering Index | CRI70 |
| Standard Deviation Colour Matching | SDCM = 5 |
| Photobiological Risk Class | - |

| | |
|----------|--|
| Standard | EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 |
|----------|--|

ELETRICAL AND LIGHTING FEATURES

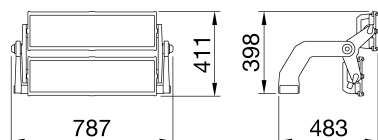
| | |
|------------------------|--------------------------|
| Supply voltage | See external supply unit |
| Rated frequency (Hz) | See external supply unit |
| Driver | To be ordered separately |
| Driver failure rate | See external supply unit |
| Overvoltage protection | See external supply unit |
| Control System | See external supply unit |

INSTALLATION AND MAINTENANCE

| | |
|---------------------------|---|
| Mounting and installation | Lighting tower - Surface |
| Tilt | Rotation on bracket with integrated goniometer |
| Wiring | Watertight connector between floodlight and power supply unit |

| | |
|-------------------------------------|-----------------|
| Fixing | Bracket |
| Light source replaceability | By professional |
| Controlgear replaceability | By professional |
| Driver Box | External |
| Maximum surface exposed to the wind | 0,24 m2 |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



Product Data Sheet
GWP3233AF730

SPATIUM PRO

TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
-

STANDARDS/APPROVALS

