

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 (TLCI>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                     |                                                 | OPTIC AND ILLUMINATING FEATURES     |                                                               |
|-----------------------------------------|-------------------------------------------------|-------------------------------------|---------------------------------------------------------------|
| Context                                 | Professional sport lighting                     | Optic                               | Asymmetric 45°                                                |
| Luminaire                               | High power LED floodlight                       | Unified Glare Rating                | ULOR = 0%                                                     |
| Application                             | Indoor / Outdoor                                | Lumen output (lm)                   | 38000                                                         |
| Unique digital code (Datamatrix)        | Currently not present                           | Efficacy (lm/W)                     | 79                                                            |
| Colour                                  | Graphite grey                                   | Colour temperature                  | 5700 K                                                        |
| Type of light source                    | LED                                             | Colour Rendering Index              | CRI 90                                                        |
| System power                            | 480 W                                           | Standard Deviation Colour Matching  | SDCM = 3                                                      |
| LED Lifetime                            | L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h | Photobiological Risk Class          | -                                                             |
| Weight (kg)                             | 15                                              | Standard                            | EN60598-1; EN60598-2-5; IEC 62471; IEC 62778                  |
| Warranty                                | 5 years                                         | ELETRICAL AND LIGHTING FEATURES     |                                                               |
| Stocking temperature                    | -                                               | Supply voltage                      | 220 - 240 V                                                   |
| Operating temperature                   | -25 +50 °C                                      | Rated frequency (Hz)                | 50 / 60                                                       |
| MATERIALS                               |                                                 | Driver                              | Included                                                      |
| Body                                    | Die-cast aluminium                              | Driver failure rate                 | F10 = 90.000h Tq25°C                                          |
| Shield type                             | Flat tempered glass 4mm                         | Overvoltage protection              | DM 6 kV / CM 10 kV                                            |
| Optic                                   | T.I.R.Ex. Optical PMMA HT                       | Control System                      | DMX                                                           |
| Gasket                                  | Anti-aging 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                         | Wiring                              | Watertight connector between floodlight and power supply unit |
| STANDARDS AND APPROVALS                 |                                                 | Fixing                              | Bracket                                                       |
| Classification                          | -                                               | Light souce replaceability          | By professional                                               |
| Device with reduced surface temperature | -                                               | Controlgear replaceability          | By professional                                               |
| DIN 18032-3 certification               | -                                               | Driver Box                          | External                                                      |
| IPEA                                    | -                                               | Maximum surface exposed to the wind | 0.15 m²                                                       |
| Insulation class                        | I                                               |                                     | -                                                             |
| IP degree                               | IP66                                            |                                     | -                                                             |
| Mechanical resistance                   | IK08                                            |                                     | -                                                             |
| Glow Wire Test                          | -                                               |                                     | -                                                             |

## DIMENSIONAL

## PHOTOMETRIC DISTRIBUTION



Product Data Sheet  
**GWP3131BB957**

40 CDI Range

TECHNICAL SYMBOLOGY



**IP**  
IP66

**IK**  
IK08

**GWT**  
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STANDARDS/APPROVALS

