

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                     |                                                   | OPTIC AND ILLUMINATING FEATURES     |                                                               |
|-----------------------------------------|---------------------------------------------------|-------------------------------------|---------------------------------------------------------------|
| Context                                 | Large outdoor lighting areas                      | Optic                               | Circular 40°                                                  |
| Luminaire                               | High power LED floodlight                         | Unified Glare Rating                | ULOR = 0%                                                     |
| Application                             | Indoor / Outdoor                                  | Lumen output (lm)                   | 84000                                                         |
| Unique digital code (Datamatrix)        | Currently not present                             | Efficacy (lm/W)                     | 105                                                           |
| Colour                                  | Graphite grey                                     | Colour temperature                  | 4000 K                                                        |
| Type of light source                    | LED                                               | Colour Rendering Index              | CRI 80                                                        |
| System power                            | 800 W                                             | Standard Deviation Colour Matching  | SDCM = 3                                                      |
| LED Lifetime                            | L90B10(Tq25°C)>100.000h; L80B10 (Tq25°C)>150.000h | Photobiological Risk Class          | -                                                             |
| Weight (kg)                             | 18                                                | Standard                            | EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493              |
| Warranty                                | 5 years                                           | ELETRICAL AND LIGHTING FEATURES     |                                                               |
| Stocking temperature                    | -                                                 | Supply voltage                      | See external supply unit                                      |
| Operating temperature                   | -25 +50 °C                                        | Rated frequency (Hz)                | See external supply unit                                      |
| MATERIALS                               |                                                   | Driver                              | To be ordered separately                                      |
| Body                                    | Die-cast aluminium                                | Driver failure rate                 | See external supply unit                                      |
| Shield type                             | Flat tempered glass 4mm                           | Overvoltage protection              | See external supply unit                                      |
| Optic                                   | T.I.R.Ex. Optical PMMA HT                         | Control System                      | See external supply unit                                      |
| Gasket                                  | Anti-aging silicone                               | INSTALLATION AND MAINTENANCE        |                                                               |
| Locking Hook                            | -                                                 | Mounting and installation           | Lighting tower - Surface                                      |
| 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 source replaceability         | By professional                                               |
| Device with reduced surface temperature | -                                                 | Controlgear replaceability          | By professional                                               |
| DIN 18032-3 certification               | Available                                         | Driver Box                          | External                                                      |
| IPEA                                    | -                                                 | Maximum surface exposed to the wind | 0,24 m2                                                       |
| Insulation class                        | I                                                 |                                     | -                                                             |
| IP degree                               | IP66                                              |                                     | -                                                             |
| Mechanical resistance                   | IK08                                              |                                     | -                                                             |
| Glow Wire Test                          | -                                                 |                                     | -                                                             |

## DIMENSIONAL

## PHOTOMETRIC DISTRIBUTION



Product Data Sheet  
**GWP3233AF840**

40 CDI Range

TECHNICAL SYMBOLOGY



**IP**  
IP66

**IK**  
IK08

**GWT**  
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STANDARDS/APPROVALS

