



Spatium PRO | 2 is a high-power LED floodlight, with a high-emittance LES (light emitted surface), suitable for lighting professional and semi-professional 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 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 the 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 fastness of each individual module over time. 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 power supply box can be installed on the bracket or remote, and is protected from surges up to 10KV, either in differential or common mode, with a single cable. The range requires a DALI2 or DMX-RDM power supply to permit the greatest flexibility in the creation of lighting scenarios, even of great complexity.

#### 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         | 960 W                                           |
| LED Lifetime         | L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h |

|             |    |
|-------------|----|
| 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                | Asymmetric 45° |
| Unified Glare Rating | ULOR = 0%      |
| Lumen output (lm)    | 89000          |
| Efficacy (lm/W)      | 93             |

|                                    |          |
|------------------------------------|----------|
| Colour temperature                 | 4000 K   |
| Colour Rendering Index             | CRI 80   |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class         | -        |

|          |                                              |
|----------|----------------------------------------------|
| Standard | EN60598-1; EN60598-2-5; IEC 62471; IEC 62778 |
|----------|----------------------------------------------|

#### ELETRICAL AND LIGHTING FEATURES

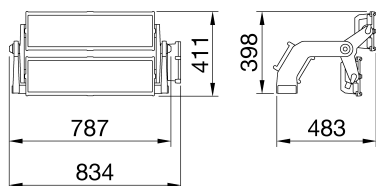
|                        |                          |
|------------------------|--------------------------|
| Supply voltage         | See external supply unit |
| Rated frequency (Hz)   | See external supply unit |
| Driver                 | To be ordered separately |
| Driver failure rate    | See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

#### INSTALLATION AND MAINTENANCE

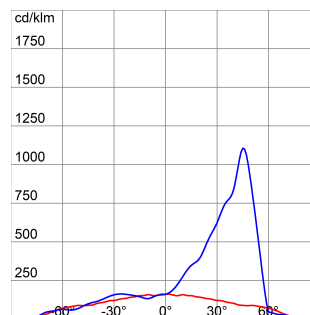
|                           |                                                               |
|---------------------------|---------------------------------------------------------------|
| Mounting and installation | Lighting tower - Surface                                      |
| Tilt                      | 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  
**GWP3231AB840**

STADIUM PRO

TECHNICAL SYMBOLOGY



**IP**  
IP66

**IK**  
IK08

**GWT**  
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STANDARDS/APPROVALS

