

# Product Data Sheet

## GWP3231AC840

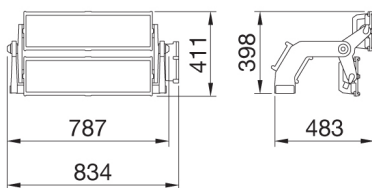
### STADIUM PRO



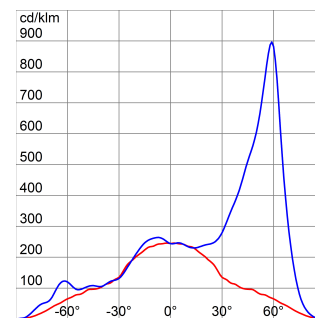
Spatium PRO | 2 is a high-power LED floodlight, with a high-emittance LES (light emitted surface), suitable for lighting professional and semi-professional sporting facilities. The floodlight has a graphite grey finish with trivalent treatment for maximum resistance to oxidation and is equipped with 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                     |   | OPTIC AND ILLUMINATING FEATURES     |   |
|---|---|-------------------------------------|---|
| Context                                 | Professional sport lighting                     | Optic                               | Asymmetric 60°  |
| Luminaire                               | High power LED floodlight                       | Unified Glare Rating                | ULOR = 0%   |
| Application                             | Indoor / Outdoor                                | Lumen output (lm)                   | 86000   |
| Unique digital code (Datamatrix)        | Currently not present                           | Efficacy (lm/W)                     | 90  |
| Colour                                  | Graphite grey                                   | Colour temperature                  | 4000 K  |
| Type of light source                    | LED   | Colour Rendering Index              | CRI 80  |
| System power                            | 960 W   | Standard Deviation Colour Matching  | SDCM = 3  |
| LED Lifetime                            | L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h | Photobiological Risk Class          | -   |
| Weight (kg)                             | 18  | Standard                            | EN60598-1; EN60598-2-5; IEC 62471; IEC 62778                  |
| 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               | -   | 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



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STADIUM PRO

### TECHNICAL SYMBOLOGY



**IP**  
IP66

**IK**  
IK08

**GWT**  
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### STANDARDS/APPROVALS

