

Product Data Sheet GWP3231AC857

STADIUM PRO



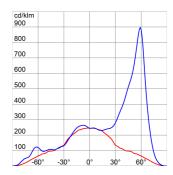
Spatium PRO | 2 is a high-power LED floodlight, with a high-emittance LES (light emitted surface), suitable for lighting professional and semi-professional sporting facilities. The floodlight has a graphite grey finish with trivalent treatment for maximum resistance to oxidation and is equipped with 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 o 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.

Context Professional sport lighting Optic Asymmetric 60° Luminaire High power LED floodlight Unified Glare Rating ULOR = 0% Application Indoor/ Outdoor Lumen output (Im) 86000 Unique digital code (Datamatrix) Currently not present Efficacy 5700 K Colour Graphite grey Colour Rendering Index 6710 K Type of light source LED Colour Rendering Index 6718 80 System power 960 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L99B10(Tq25°C)=75.000h Standard Deviation Colour Matching SDCM = 3 Weight (kg) 1 Standard Deviation Colour Matching SDCM = 3 Warranty 5 yeas Standard Deviation Colour Matching See external supply unit Operating temperature -25 +50 °C Rated frequency (Hz) See external supply unit Operating temperature -25 +50 °C Rated frequency (Hz) See external supply unit Opic Filt tempered glass 4mm Driver fall ure rate See external supply unit Opic T.I.R.	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEAT	URES -
Application Indoor / Outdoor Unique digital code (Datamatrix) Currently not present Efficacy (Im/W) Efficacy (Im/W) (Im/W	Context	Professional sport lighting	Optic	Asymmetric 60°
Unique digital code (Datamatrix) Currently not present (m/W) Efficacy (m/W) 90 Colour Graphite grey (m/W) Colour temperature 5700 K Type of light source LED Colour Rendering Index CR180 System power 960 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.00h Table Type Type Type Type Type Type Type Typ	Luminaire	High power LED floodlight	Unified Glare Rating	ULOR = 0%
Colour	Application	Indoor / Outdoor	Lumen output (lm)	86000
Colour Graphite grey Colour temperature 5700 K Type of light source LED Colour Rendering Index CR1 80 System power 980 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 62778 Warranty 5 years Standard ELETRICAL AND LIGHTING FEATURES 62778 Stocking temperature -25 +50 °C Supply voltage See external supply unit Operating temperature -25 +50 °C Rated frequency (Hz) See external supply unit MATERIALS - Drive 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 Gasket Anti-aging silicone Mounting and installation Light source yellower y	Unique digital code (Datamatrix)	Currently not present	Efficacy	90
Type of light source LED User power Golour Rendering Index CRI 80 System power 960 W Spatem power \$960 W Standard Deviation Colour Matching SDM = 3 LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h Photobiological Risk Class 5 Weight (kg) 18 Standard EN60598-1; EN60598-2-5; IEC 62471; IEC 62778 Warranty 5 years ELETRICAL AND LIGHTING FEATURES 62778 Vorranty 5 years See external supply unit Stocking temperature - 25 +50 °C Rated frequency (Hz) See external supply unit Operating temperature - 25 +50 °C Rated frequency (Hz) See external supply unit Optic Flat tempered glass 4mm Oriver failure rate See external supply unit Optic T.I.R.E.N. Optical PMMA HT Overvoltage protection See external supply unit Gasket Anti-aging silicone Installation Lighting tower - Surface Locking Hook - 7 Wiring Rotation on bracket with integrated goniometer Colour Polyester powder coated Wiring Watertight connector between floodlight and power su	· · · · · · ·	<u> </u>	(lm/W)	
System power	Colour	Graphite grey	Colour temperature	5700 K
LED Lifetime L90810(Tq25°C)=40.000h; L80810 (Tq25°C)=75.000h Weight (kg) 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Type of light source	LED	Colour Rendering Index	CRI 80
Weight (kg) 18 Standard EN60598-1; EN60598-2-5; IEC 62471; IEC 62778	System power	960 W	Standard Deviation Colour Matching	SDCM = 3
Warranty 5 years 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 To be ordered separately 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 Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit Optic T.I.R.Ex. Optical PMMA HT Control System See external supply unit T.I.R.Ex. Optical PMMA HT Control System See external supply unit See external supply unit T.I.R.Ex. Optical PMMA HT Control System See external Supply unit See external See external Supply unit See external See external See exter	LED Lifetime		Photobiological Risk Class	-
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Operating temperature -25 +50 °C Rated frequency (Hz) See external supply unit MATERIALS Driver To be ordered separately Body Die-cast aluminum Oriver 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 See external supply unit Locking Hook - Mounting and installation Lighting tower - Surface External screw Stainless steel Wiring Watertight connector between floodlight and power supply unit Colour Polyester powder coated Wiring Watertight connector between floodlight and power supply unit STANDARDS AND APPROVALS - Fixing By professional Classification - Light souce replaceability By professional Device with reduced surface temperature - Controlgear replaceability By professional DIN 18032-3 certification Available Driver Box External <td>Warranty</td> <td>5 years</td> <td>ELETRICAL AND LIGHTING FEAT</td> <td>URES -</td>	Warranty	5 years	ELETRICAL AND LIGHTING FEAT	URES -
Driver Driver To be ordered separately	Stocking temperature	-	Supply voltage	See external supply unit
Body Die-cast aluminium - Shield type Flat tempered glass 4mm Overvoltage protection See external supply unit	Operating temperature	-25 +50 °C	Rated frequency (Hz)	See external supply unit
Shield type Flat tempered glass 4mm Optic Overvoltage protection See external supply unit Optic T.I.R.Ex. Optical PMMA HT Gasket Anti-aging silicone Control System See external supply unit 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 souce 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 - -	MATERIALS	-	Driver	To be ordered separately
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 souce 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 -	Body	Die-cast aluminium -	Driver failure rate	See external supply unit
Anti-aging silicone Locking Hook - Mounting and installation Lighting tower - Surface	Shield type	Flat tempered glass 4mm	Overvoltage protection	See external supply unit
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Colour Polyester powder coated Wiring Watertight connector between floodlight and power supply unit supply	External screw	Stainless steel	Tilt	
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Classification - Light souce 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 -	STANDARDS AND APPROVALS	-	Fixing	
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DIMENSIONAL

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PHOTOMETRIC DISTRIBUTION





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STADIUM PRO

TECHNICAL SYMBOLOGY













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STANDARDS/APPROVALS

