

# Product Data Sheet GWP3231AG740

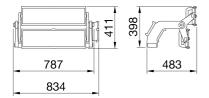
STADIUM PRO



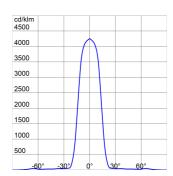
Spatium PRO | 2 is a high-power LED floodlight, with a high-emittance LES (light emitted surface), suitable for lighting professional and semi-professional sporting facilities. The floodlight has a graphite grey finish with trivalent treatment for maximum resistance to oxidation and is equipped with 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 Luminaire         Optic         Circular 30°           Luminaire         High power LED floodlight Indoor / Outdoor         Unified Glare Rating         ULOR = 0%           Application         Indoor / Outdoor         Lumen output (Im)         113000           Unique digital code (Datamatrix)         Currently not present         Efficacy         1300           Colour         Graphite grey         Colour temperature         4000 K           Type of light source         LED         Colour Rendering Index         CR770           System power         960 W         COlour Rendering Index         CR770           Weight (kg)         18         Standard Deviation Colour Matching         SDCM = 5           Weight (kg)         18         Standard Deviation Colour Matching         SDCM = 5           Warranty         5 years         Standard Deviation Colour Matching         SDCM = 5           Stocking temperature         -25 +50 °C         Rated frequency (Hz)         See external supply unit           MaTERIALS         - Die-cast aluminium - Dirver         To be ordered separately           Shield type         Flat tempered glass 4mm         Driver failure rate         See external supply unit           Optic         T.I.R.Ex. Optical PMMA HT         Control Sys	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEAT	URES -
Application   Indoor / Outdoor   Lumen output (Im)   113000     Unique digital code (Datamatrix)   Currently not present   Efficacy (Im/W)   Colour   Graphite grey (Im/W)   Colour Rendering Index   CRI70     System power	Context	Professional sport lighting	Optic	Circular 30°
Unique digital code (Datamatrix)         Currently not present (m/W)         Efficacy (m/W)         118           Colour         Graphite grey (m/W)         Colour temperature         4000 K           Type of light source         LED         Colour Rendering Index         67876           LED Lifetime         L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h         Standard Deviation Colour Matching         SDCM = 5           Weight (kg)         18         Standard Deviation Colour Matching         SDCM = 5           Weight (kg)         18         Standard Standard         EN60598-1; EN60598-2-5; IEC 62471; IEC 62778           Warranty         5 years         Standard Standard         ELETRICAL AND LIGHTING FEATURES         -           Stocking temperature         5 years         Supply voltage         See external supply unit           Operating temperature         -25 +50° C         Rated frequency (Hz)         See external supply unit           MATERIALS         Die-cast aluminium - 5thied type         Driver failure rate         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         Rotation on bracket with integrated plants and installation         Lighting tower - Surface           Externa	Luminaire	High power LED floodlight	Unified Glare Rating	ULOR = 0%
Colour         Graphite grey         Colour temperature         4000 K           Type of light source         LED         Colour Rendering Index         CR170           System power         L90B10(Tq25°C)=40.000h; L80B10         Photobiological Risk Class         Standard Deviation Colour Matching         SDCM = 5           Weight (kg)         18         Standard         EN60598-1; EN60598-2-5; IEC 62471; IEC 62778           Warrantly         5 years         Standard LiGHTING FEATURES         -           Stocking temperature         - 25 +50 °C         Rated frequency (Hz)         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           Operating temperature         - 25 +50 °C         Rated frequency (Hz)         See external supply unit           Operating temperature         - 10 inver         Driver         To be ordered separately           Body         Die-cast aluminium - 10 inver         Driver failure rate         See external supply unit           Optic         T.I.R.Ex. Optical PMMA HT         Overvollage protection         See external supply unit           Optic         T.I.R.Ex. Optical PMMA HT         Wind (Marching)	Application	Indoor / Outdoor	Lumen output (Im)	113000
Colour         Graphite grey         Colour temperature         4000 K           Type of light source         LED         Colour Rendering Index         CR170           System power         960 W         Standard Deviation Colour Matching         SDCM = 5           LED Lifetime         L90B10(Tq25°C)=40,000h; L80B10 (Tq25°C)=75,000h         Photobiological Risk Class         Dhotobiological Risk Class           Weight (kg)         18         Standard         ELETRICAL AND LIGHTING FEATURES         62778           Warranty         5 years         Supply voltage         See external supply unit           Stocking temperature         - 25 + 50 °C         Supply voltage         See external supply unit           Operating temperature         - 25 + 50 °C         Rated frequency (Hz)         See external supply unit           MATERIALS         - 0 price         To be ordered separately           Body         Die-cast aluminium         Driver failure rate         See external supply unit           Shield type         Flat tempered glass 4mm         Control System         See external supply unit           Gasket         Anti-aging silicone         Mounting and installation         Light source protection         See external supply unit           Gucking Hook         - 1, 1         Nounting and installation         Light source replace	Unique digital code (Datamatrix)	Currently not present	Efficacy	118
Type of light source	· · · · · · · · · · · · · · · · · · ·	<u> </u>	(lm/W)	
System power 960 W LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h  Weight (kg) 18 Standard Deviation Colour Matching SDCM = 5 Photobiological Risk Class - Photobiological Risk Class - Standard EN60598-1; EN60598-2-5; IEC 62471; IEC 62778	Colour	Graphite grey	Colour temperature	4000 K
LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h Weight (kg) 18 Standard EN60598-1; EN60598-2-5; IEC 62471; IEC 62778 Warranty 5 years Stocking temperature 5 years Stocking temperature - Supply voltage See external supply unit Operating temperature - 25 +50 °C Rated frequency (Hz) See external supply unit Driver failure rate See external supply unit Shield type Flat tempered glass 4mm Optic T.I.R.Ex. Optical PMMA HT Optic Anti-aging silicone Locking Hook - Mounting and installation External screw Stainless steel Cassification - Polyester powder coated STANDARDS AND APPROVALS - Fixing Watertight connector between floodlight and power Supply unit PEA - Maximum surface exposed to the wind Driver Box Maximum surface exposed to the wind Insulation Cass I Pdegree IP66 Mechanical resistance III Rockers I Rocket III Response III Respo	Type of light source	LED	Colour Rendering Index	CRI70
Weight (kg)   Standard   EN60598-1; EN60598-2-5; IEC 62471; IEC 62778	System power	960 W	Standard Deviation Colour Matching	SDCM = 5
Warranty 5 years Stocking temperature 6 - 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 Die-cast aluminium Doptic Flat tempered glass 4mm Overvoltage protection See external supply unit Optic T.I.R.E. Optical PMMA HT Control System See external supply unit Gasket Anti-aging silicone Locking Hook Anti-aging silicone Locking Hook Stainless steel Closur Polyester powder coated Polyester powder coated Classification Polyester powder coated Classification Fix the discovery of	LED Lifetime		Photobiological Risk Class	-
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 - Die-cast aluminium - Shield type         Flat tempered glass 4mm         Overvoltage protection         See external supply unit           Optic         T.I.R.Ex. Optical PMMA HT Gasket         Control System         See external supply unit           Gasket         Anti-aging silicone         INSTALLATION AND MAINTENANCE         See external supply unit           External screw         Stainless steel         Mounting and installation         Lighting tower - Surface           Colour         Polyester powder coated         Wiring         Watertight connector between floodlight and power supply unit           STANDARDS AND APPROVALS         Fixing         Bracket           Classification         Fixing         By professional           Device with reduced surface temperature         Controlgear replaceability         By professional           DIN 18032-3 certification         Available         Driver Box         External           IPEA         Available         Driver Box         External           IPegree         IP66         Max	Weight (kg)	18	Standard	
Operating temperature         -25 +50 °C         Rated frequency (Hz)         See external supply unit           MATERIALS         Driver         To be ordered separately           Body         Die-cast aluminum         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           Gasket         Anti-aging silicone         INSTALLATION AND MAINTENANCE         -           External screw         Stainless steel         Mounting and installation         Lighting tower - Surface           Colour         Polyester powder coated         Wiring         Watertight connector between floodlight and power supply unit           STANDARDS AND APPROVALS         Fixing         Bracket           Classification         Fixing         By professional           Device with reduced surface temperature         Controlgear replaceability         By professional           DIN 18032-3 certification         Available         Driver Box         External           IPEA         Available         Driver Box         External           IPGegree         IPG6         Maximum surface exposed to the wind         0,24 m2	Warranty	5 years	ELETRICAL AND LIGHTING FEAT	URES -
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         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         Fixing         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         Maximum surface exposed to the wind         0,24 m2           Mechanical resistance         IK08         -         -	Stocking temperature	-	Supply voltage	See external supply unit
Die-cast aluminium - Shield type	Operating temperature	-25 +50 °C	Rated frequency (Hz)	See external supply unit
Shield type	MATERIALS	-	Driver	To be ordered separately
Optic         T.I.R.Ex. Optical PMMA HT Gasket         Control System         See external supply unit           Gasket         Anti-aging silicone 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
Locking Hook-Mounting and installationLighting tower - SurfaceExternal screwStainless steelTillRotation on bracket with integrated goniometerColourPolyester powder coatedWiringWatertight connector between floodlight and power supply unitSTANDARDS AND APPROVALS-FixingBracketClassification-Light souce replaceabilityBy professionalDevice with reduced surface temperature-Controlgear replaceabilityBy professionalDIN 18032-3 certificationAvailableDriver BoxExternalIPEA-Maximum surface exposed to the wind0,24 m2Insulation classIIIP degreeIP66Mechanical resistanceIK08-	Optic	T.I.R.Ex. Optical PMMA HT	Control System	See external supply unit
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     1     -       IP degree     IP66     -       Mechanical resistance     IK08     -	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENAN	CE -
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 PEA - Maximum surface exposed to the wind 0,24 m2  IPEA - IPE	Locking Hook	-	Mounting and installation	Lighting tower - Surface
Colour     Polyester powder coated     Wiring     Watertight connector between floodlight and power supply unit supply	External screw	Stainless steel	Tilt	
STANDARDS AND APPROVALS-FixingBracketClassification-Light souce replaceabilityBy professionalDevice with reduced surface temperature-Controlgear replaceabilityBy professionalDIN 18032-3 certificationAvailableDriver BoxExternalIPEA-Maximum surface exposed to the wind0,24 m2Insulation classI-IP degreeIP66-Mechanical resistanceIK08-	Colour	Polyester powder coated	Wiring \	Natertight connector between floodlight and power
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	117
Device with reduced surface temperature  DIN 18032-3 certification  PEA  Insulation class  I Pedgree  IP66  Mechanical resistance  Available  Driver Box  Maximum surface exposed to the wind  O,24 m2  Insulation class  I Feb Controlgear replaceability  Driver Box  Maximum surface exposed to the wind  O,24 m2  Insulation class  I Feb Controlgear replaceability  Driver Box  External  I Feb Controlgear replaceability  Driver Box  External  I Feb Controlgear replaceability  Driver Box  External  I Feb Controlgear replaceability  I External  I Feb Controlgear replaceability  Driver Box  External  I Feb Controlgear replaceability  I I Feb Controlgear replacea		_		
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         -		_		• •
IPEA         -         Maximum surface exposed to the wind         0,24 m2           Insulation class         I         -           IP degree         IP66         -           Mechanical resistance         IK08         -		Available		
Insulation class         I         -           IP degree         IP66         -           Mechanical resistance         IK08         -		. Wallable		
IP degree         IP66         -           Mechanical resistance         IK08         -		I		-
Mechanical resistance IK08 -		IP66		-
				-
		-		-

### **DIMENSIONAL**



#### PHOTOMETRIC DISTRIBUTION





# Product Data Sheet GWP3231AG740

STADIUM PRO

## **TECHNICAL SYMBOLOGY**













IP IP66 IK IK08 GWT

STANDARDS/APPROVALS

