

# Product Data Sheet GWP3331AL740

#### STADIUM PRO

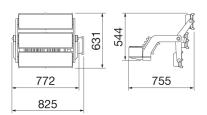


STADIUM PRO 3 is a high power LED floodlight, with an LES (light emitted surface) high emission, suitable for lighting sports facilities for professional competitive competitions. The spotlight has a graphite grey finish with trivalent treatment for maximum resistance to oxidation and is equipped with an integrated "self-cleaning" thermal dissipation system. It consists of three modules, each with a venting and non-condensing valve, protected from accidental impacts. The rotation system between the bracket and the optical modules is truncated-conical in aluminium with an integrated goniometer within the bracket for easy orientation control and fixing by means of a grub-screw, which ensure the tightness over time of each individual module. The spotlight is available in 4,000K or 5,700K colour temperatures and CRI>70, CRI>80 or CRI>90 (TLCI>80) colour rendering. The range also includes 6 types of circular optics, from 8° to 40°, 1 symmetrical/Elliptical optic and 2 asymmetric optics. The T.I.R.Ex optical system developed by GEWISS, with high transparency PMMA HT lenses, permits total control over the light beam, allowing for wide flexibility in the design environment, with high qualitative and quantitative performance. The power supply box can be fixed on the edge-bracket, or remotely, it is immune to surges of up to 10KV both in RCCB and common mode, with a single cable. The range includes a DALI2 or DMX-RDM power supply, to allow maximum flexibility in the creation of even complex light sets.

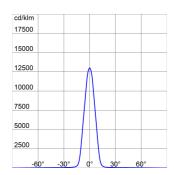
Stadium Pro is for a professional use hence the photometric data are not disclosed. We invite you to take contact with our technical and commercial teams.

Luminaire         High power LED floodlight Application         Unified Glare Rating         ULCR = 0% Application           Application         Indoor / Outdoor Unique digital code (Datamatrix)         Currently not present         LET (Im/W)         1213           Colour         Graphite grey         Colour temperature         4000 K           Type of light source         LED         Colour temperature         4000 K           System power         1450 W         Standard Deviation Colour Matching         SDCM = 5           LED Lifetime         L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h         Photobiological Risk Class         — Fhotobiogical Risk Class           Weight (kg)         5 years         Standard         ELETRICAL AND LIGHTING FEATURES         — Fhotobiogical Risk Class           Warranty         5 years         SLETRICAL AND LIGHTING FEATURES         — Fotobiogical Risk Class           Warranty         5 years         SLETRICAL AND LIGHTING FEATURES         — Fotobiogical Risk Class           Stocking temperature         -25 +50°C         Rated frequency (Hz)         See external supply unit           Operating temperature         -25 +50°C         Rated frequency (Hz)         See external supply unit           Opice         Flat tempered glass 4mm         Overvoltage protection         See external supply unit           Opice<	GENERAL INFORMATION	<u>-</u>	OPTIC AND ILLUMINATING FEATUR	ES -
Application         Indoor / Outdoor Unique digital code (Datamatrix)         Indoor / Outdoor Currently not provided in the provided	Context	Professional sport lighting	Optic	Circular 15°
Unique digital code (Datamatrix)         Currently not present (mW)         Efficacy (mW)         121           Colour         Graphite grey (mW)         Colour temperature         4000 K           Type of light source         LED         Colour Rendering Index         CR170           System power         1450 W         Standard Deviation Colour Matching         SDCM = 5           LED Lifetime         L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h         Photobiological Risk Class         SDCM = 5           Weight (kg)         30         Standard         EN60598-1; EN60598-2-5; IEC 62471; IEC 62778           Warranty         5 years         Standard         EN60598-1; EN60598-2-5; IEC 62471; IEC 62778           Veranty         5 years         Standard         ELETRICAL AND LIGHTING FEATURES         62778           Varenty         5 years         Standard         Rated frequency (Hz)         See external supply unit Porter all uninum-100 (Hz)           MATERIALS         Die-cast aluminium - Die-cast aluminium - Die cast aluminium - Die Cas	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         1450 W         Standard Deviation Colour Matching         SDCM = 5           LED Lifetime         L90B10(Tq25°C)=40.000h; L80B10         Photobiological Risk Class         Photobiological Risk Class           Weight (kg)         30         Standard         EN60598-1; EN60598-2-5; IEC 62471; IEC 62778           Warranty         5 years         Standard         ELETRICAL AND LIGHTING FEATURES         62778           Worranty         5 years         Steletrical And Lighting FEATURES         5 years         Steletrical And Lighting Features         62778           Worranty         5 years         Steletrical And Lighting Features         5 years         Steletrical And Lighting Features         9 ee external supply unit           Operating temperature         -25 +50 °C         Rated frequency (Hz)         See external supply unit           Driver         To be ordered separately         Driver failure rate         See external supply unit           Sheld type         Flat tempered glass 4mm         Overvoltage protection         See external supply unit           Optic         T.I.R.E.X. Optical PMIAH T         Control System         Read frequency (Hz)	Application	Indoor / Outdoor	Lumen output (Im)	175000
Type of light source         LED System power         Colour Rendering Index System power         CR170 System power           LED Lifetime         L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h         Standard Devidation Colour Matching         SDCM = 5           Weight (kg)         30         Standard Devidation Colour Matching         EN60598-1; EN60598-2-5; IEC 62471; IEC 62778           Warranty         5 years         Standard         ELETRICAL AND LIGHTING FEATURES         -           Veranty         5 years         Standard Devidation Colour Matching         See external supply unit 62778           Warranty         5 years         ELETRICAL AND LIGHTING FEATURES         -           Stocking temperature         - 5 years         ELETRICAL AND LIGHTING FEATURES         -           Operating temperature         - 25 + 50 °C         Rated frequency (Hz)         See external supply unit 70 be ordered separately 80 by unit 70 by 90	Unique digital code (Datamatrix)	Currently not present		121
System power	Colour	Graphite grey	Colour temperature	4000 K
LED Lifetime L90B10(Tq25°C)=40.000h, L80B10 (Tq25°C)=75.000h Weight (kg) 30 Standard EN60598-1; EN60598-2-5; IEC 62471; IEC 62778 Warranty 5 years Stocking temperature - Supply voltage See external supply unit Operating temperature - 25 +50 °C MATERIALS - Dire-cast aluminum - Driver failure rate See external supply unit Optic Flat tempered glass 4mm Optic T.I.R.Ex. Optical PMMA HT Cocking Hook - Anti-aging silicone External screw Stainless steel Colour Polyester powder coated External Screw The Material Process of Stainless steel Classification Provokus - Fixing Multipolar cable between floodlight and power supply STANDARDS AND APPROVALS - Fixing Multipolar cable between floodlight and power supply 10N1 18032-3 certification Available IPEA - Maximum surface exposed to the wind 1solated 1solate	Type of light source	LED	Colour Rendering Index	CRI70
Weight (kg)  Standard  Sta	System power	1450 W	Standard Deviation Colour Matching	SDCM = 5
Warranty 5 years Stocking temperature 9 - Supply voltage See external supply unit MATERIALS - Driver Ralted frequency (Hz) See external supply unit MATERIALS - Driver Tailure rate See external supply unit Operating Operating Driver Pallure rate See external supply unit Optic T.I.R.Ex. Optical PMMA HT Overvoltage protection See external supply unit Optic T.I.R.Ex. Optical PMMA HT Overvoltage protection See external supply unit Optic T.I.R.Ex. Optical PMMA HT Overvoltage protection See external supply unit Optic T.I.R.Ex. Optical PMMA HT Overvoltage protection See external supply unit Optic T.I.R.Ex. Optical PMMA HT Overvoltage protection See external supply unit Optic T.I.R.Ex. Optical PMMA HT Overvoltage protection See external supply unit Optic T.I.R.Ex. Optical PMMA HT Overvoltage protection See external supply unit Optic T.I.R.Ex. Optical PMMA HT Overvoltage protection See external supply unit Optic T.I.R.Ex. Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage protection See external supply unit Optical PMMA HT Overvoltage prot	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 Operating temperature -25 +50 °C Rated frequency (Hz) See external supply unit Operating temperature - To be ordered separately Driver failure rate See external supply unit Optic Flat tempered glass 4mm Overvoltage protection See external supply unit Optic T.I.R.Ex. Optical PMMA HT Gasket Anti-aging silicone Locking Hook - Mounting and installation Lighting tower - Surface External screw Stainless steel External screw Stainless steel Colour Polyester powder coated Wiring Multipolar cable between floodlight and power Supply STANDARDS AND APPROVALS - Fixing Multipolar cable between floodlight and power Supply STANDARDS AND APPROVALS - Fixing Multipolar cable between floodlight and power Supply Stainless unit reduced surface temperature - Control gear replaceability By professional Din 18032-3 certification Available Peka - Maximum surface exposed to the wind Insulation class I Per Gegree IP66 - Mechanical resistance IK08	Weight (kg)	30	Standard	
Operating temperature         -25 +50 °C         Rated frequency (Hz)         See external supply unit           MATERIALS         -         Driver         To be ordered separately           Body         Die-cast aluminum-Die-cast aluminum-Die-cast aluminum-Die-cast aluminum-Die-cast aluminum-Direct         Driver failure rate         See external supply unit           Shield type         Flat tempered glass 4mm Die-cast aluminum-Die-cast aluminum	Warranty	5 years	ELETRICAL AND LIGHTING FEATUR	ES -
MATERIALS  Body  B	Stocking temperature	-	Supply voltage	See external supply unit
Body Die-cast aluminium - Shield type Flat tempered glass 4mm Optic Flat tempered glass 4mm Optic T.I.R.Ex. Optical PMMA HT Gasket Anti-aging silicone External screw Stainless steel Colour Polyester powder coated Classification Pevice with reduced surface temperature Dievice with reduced surface temperature DIN 8002-3 certification Light 18032-3 certification Light 1914 Ple degree Hechanical resistance Rolation on Bracket aluminium - Driver failure rate See external supply unit Overvoltage protection See external supply unit Overvoltage protection See external supply unit Control System See external supply unit Nover Surface Control System See external supply unit Nover Surface Institution See external supply unit Overvoltage protection See external supply unit Control System See external supply unit Control System See external supply unit Nover Supply Institution See external supply unit Overvoltage protection See external supply unit Control System See external supply unit Overvoltage protection See external supply unit	Operating temperature	-25 +50 °C	Rated frequency (Hz)	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     -     Munting and installation     Lighting tower - Surface       External screw     Stainless steel     Tilt     Rotation on bracket with integrated goniometer       Colour     Polyester powder coated     Wiring     Multipolar cable between floodlight and power supply       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       IPEA     -     Maximum surface exposed to the wind     0,36 m²       Insulation class     I     Maximum surface exposed to the wind     0,36 m²       IP degree     1P66     -     -       Mechanical resistance     IK08     -     -	MATERIALS	-	Driver	To be ordered separately
Optic     T.I.R.Ex. Optical PMMA HT Gasket     Control System     See external supply unit 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     Multipolar cable between floodlight and power supply       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       IPEA     -     Maximum surface exposed to the wind     0,36 m²       Insulation class     1     -       IP degree     IP66     -     -       Mechanical resistance     IK08     -     -	Body	Die-cast aluminium -	Driver failure rate	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         Multipolar cable between floodlight and power supply           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         0,36 m²           Insulation class         I         I           IP degree         IP66         -           Mechanical resistance         IK08         -	Shield type	Flat tempered glass 4mm	Overvoltage protection	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     Multipolar cable between floodlight and power supply       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     0,36 m²       Insulation class     I     I       IP degree     IP66     -       Mechanical resistance     IK08     -	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     Multipolar cable between floodlight and power supply       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     0,36 m²       Insulation class     I     -       IP degree     IP66     -       Mechanical resistance     IK08     -	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENANCE	-
Colour Polyester powder coated Viring Multipolar cable between floodlight and power supply STANDARDS AND APPROVALS - Fixing Sprofessional 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 IPEA - IP degree IP66 - IP66 - IR66 - IR	Locking Hook	-	Mounting and installation	Lighting tower - Surface
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  1 IPedgree  IP66  Mechanical resistance  IK08	External screw	Stainless steel	Tilt	
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     0,36 m²       Insulation class     I     -       IP degree     IP66     -       Mechanical resistance     IK08     -	Colour	Polyester powder coated	Wiring	
Device with reduced surface temperature - Controlgear replaceability By professional DIN 18032-3 certification Available Driver Box External IPEA - Maximum surface exposed to the wind 0,36 m² Insulation class IP6 IP66 IP66 - Mechanical resistance IK08	STANDARDS AND APPROVALS	-	Fixing	Bracket
DIN 18032-3 certification         Available         Driver Box         External           IPEA         -         Maximum surface exposed to the wind         0,36 m²           Insulation class         I         -           IP degree         IP66         -           Mechanical resistance         IK08         -	Classification	-	Light souce replaceability	By professional
DIN 18032-3 certification         Available         Driver Box         External           IPEA         -         Maximum surface exposed to the wind         0,36 m²           Insulation class         I         -           IP degree         IP66         -           Mechanical resistance         IK08         -	Device with reduced surface temperature	-	Controlgear replaceability	By professional
Insulation class         I         -           IP degree         IP66         -           Mechanical resistance         IK08         -	DIN 18032-3 certification	Available	Driver Box	
IP degree         IP66         -           Mechanical resistance         IK08         -	IPEA	-	Maximum surface exposed to the wind	0,36 m²
Mechanical resistance IK08 -	Insulation class			<u> </u>
	IP degree	IP66		-
Glow Wire Test	Mechanical resistance	IK08		-
	Glow Wire Test	-		-

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION





# Product Data Sheet GWP3331AL740

**STADIUM PRO** 

## **TECHNICAL SYMBOLOGY**













IP

**IK** IK08

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STANDARDS/APPROVALS

