Product Data Sheet

GWP3331AN740

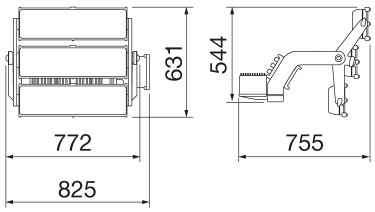
STADIUM PRO

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.

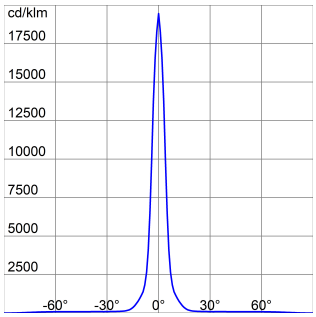
GENERAL INFORMATION	-
Context	Professional sport lighting
Luminaire	High power LED floodlight
Application	Indoor / Outdoor
Unique digital code (Datamatrix)	Currently not present
Colour	Graphite grey
Type of light source	LED
System power	1450 W
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h
Weight (kg)	30
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	Circular 8°
Unified Glare Rating	ULOR = 0%
Lumen output (lm)	160000
Efficacy (lm/W)	110
Colour temperature	4000 K
Colour Rendering Index	CRI70
Standard Deviation Colour Matching	SDCM = 5
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	Multipolar cable between floodlight and power supply
Fixing	Bracket
Light souce replaceability	By professional
Controlgear replaceability	By professional
Driver Box	External
Maximum surface exposed to the wind	0,36 m²
	-
	-
	-
	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 20/04/2024. They can be changed at any moment, therefore it is always ecommended to read the last updated version published on the website www.gewiss.com.Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at https://www.gewiss.com/it/en/company/landingpage/led-warranty. - 1 of 2

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STADIUM PRO

TECHNICAL SYMBOLOGY

						IP	IK	GWT
				0,36 m²		IP66	IK08	-

STANDARDS/APPROVALS