Product Data Sheet

GWP3131BG857

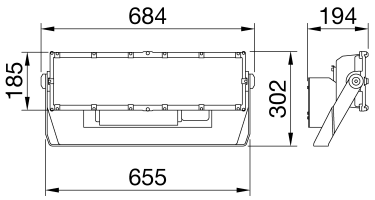
STADIUM PRO

Spatium PRO | 1 is a high-power LED floodlight, with high-emittance LES (light emitted surface), suitable for lighting small or medium-sized 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 1 module with a bleed and anti-condensation valve, protected from accidental impact. The bracket is made of galvanised steel fixed to the module with screws. The orientation system is enabled by the goniometer integrated into the bracket, which facilitates the pointing phases during installation. 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 floodlight is completed with the power supply unit fixed onto the back of the heat sink. The powers supply unit available in DALI or DMX-RDM versions acan be oriented to optimise the heat dispersion depending on the orentation of the motor. It is protected from surges up to 6KV in differential mode and 10KV in common mode.

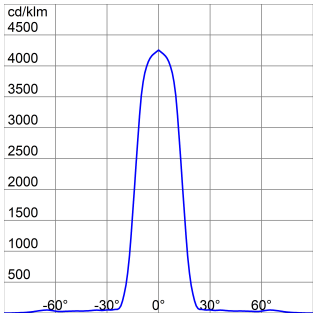
GENERAL INFORMATION	-
Context	Professional sport lighting
Luminaire	High power LED floodlight
Application	Indoor / Outdoor
Unique digital code (Datamatrix)	Currently not present
Colour	Graphite grey
Type of light source	LED
System power	480 W
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=75.000h
Weight (kg)	15
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	-
IPEA	-
Insulation class	I
IP degree	IP66
Mechanical resistance	IK08
Glow Wire Test	-

OPTIC AND ILLUMINATING FEATURES	-
Optic	Circular 30°
Unified Glare Rating	ULOR = 0%
Lumen output (lm)	49000
Efficacy (lm/W)	102
Colour temperature	5700 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-
Standard	EN60598-1; EN60598-2-5; IEC 62471; IEC 62778
ELETRICAL AND LIGHTING FEATURES	-
Supply voltage	220 - 240 V
Rated frequency (Hz)	50 / 60
Driver	Included
Driver failure rate	F10 = 90.000h Tq25°C
Overvoltage protection	DM 6 kV / CM 10 kV
Control System	DMX
INSTALLATION AND MAINTENANCE	-
Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
Tilt	Rotation on bracket with integrated goniometer
Wiring	Watertight connector between floodlight and power supply unit
Fixing	Bracket
Light souce replaceability	By professional
Controlgear replaceability	By professional
Driver Box	External
Maximum surface exposed to the wind	0.15 m²
	-
	-
	-
	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 12/10/2024. 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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TECHNICAL SYMBOLOGY

						IP	IK	GWT
				0.15 m²		IP66	IK08	-

STANDARDS/APPROVALS