

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 or CRI>90 (TLCl>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 orientation 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

OPTIC AND ILLUMINATING FEATURES

Optic	Elliptical 20°x80°
Unified Glare Rating	ULOR = 0%
Lumen output (lm)	53500
Efficacy (lm/W)	111
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

Warranty	5 years
Stocking temperature	-
Operating temperature	-25 +50 °C

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	DALI

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	-

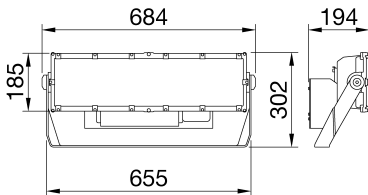
INSTALLATION AND MAINTENANCE

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

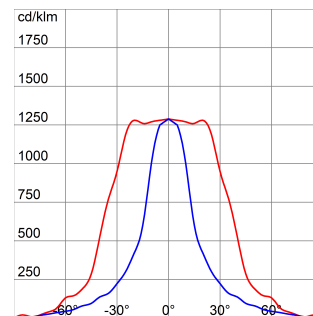
STANDARDS AND APPROVALS

Classification	-	Fixing	Bracket
Device with reduced surface temperature	-	Light souce replaceability	By professional
DIN 18032-3 certification	Available	Controlgear replaceability	By professional
IPEA	-	Driver Box	External
Insulation class	I	Maximum surface exposed to the wind	0.15 m²
IP degree	IP66		
Mechanical resistance	IK08		
Glow Wire Test	-		

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

