

Spatium PRO | 1 is a high-power outdoor LED floodlight suitable for the lighting of outdoor areas such as industrial perimeter areas, pedestrian areas and car parks. 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 in galvanised steel fixed to the module via 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 3,000K, 4,000K or 5,700K and colour rendering CRI>70 (SDCM 5 Step), CRI>80 (SDCM 3 Step). The range also includes 4 types of optics: circular 40°, 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 for any project design, with high qualitative and quantitative performance. The floodlight is completed with an external power supply unit fixed to the back of the heatsink. The power supply unit, available in the DALI version can be oriented to optimise the heat dissipation 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	Large outdoor lighting areas
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	400 W
LED Lifetime	L90B10(Tq25°C)>100.000h; L80B10 (Tq25°C)>150.000h
Weight (kg)	15

OPTIC AND ILLUMINATING FEATURES

Optic	Asymmetric 60°
Unified Glare Rating	ULOR = 0%
Lumen output (lm)	35500
Efficacy (lm/W)	89
Colour temperature	3000 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-
Standard	EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493

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

ELECTRICAL AND LIGHTING FEATURES

Supply voltage	220 - 240 V
Rated frequency (Hz)	50/60 Hz
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	-
External screw	Stainless steel

INSTALLATION AND MAINTENANCE

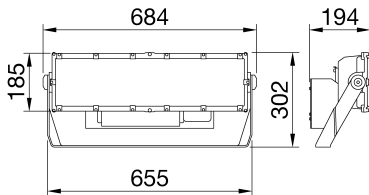
Mounting and installation	High-mast lighting - Wall mounting - Ground mounting
Tilt	Rotation on bracket with integrated goniometer
Wiring	Watertight connector between floodlight and power supply unit

STANDARDS AND APPROVALS

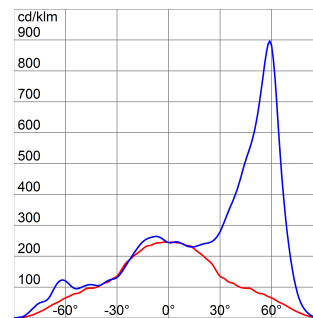
Classification	-
Device with reduced surface temperature	-
DIN 18032-3 certification	Available
IPEA	-
Insulation class	I
IP degree	IP66
Mechanical resistance	IK08
Glow Wire Test	-

Fixing	Bracket
Light source replaceability	By professional
Controlgear replaceability	By professional
Driver Box	External
Maximum surface exposed to the wind	0.15 m²

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

