

Spatium PRO | 3 is a high-power LED floodlight for outdoor lighting in large areas, such as car parks, ports, large industrial areas, airports and inland terminals. The spotlight 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 three modules, each with a ventilation and anti-condensation valve, protected from accidental impacts. The rotation device between the bracket and the optical modules is an aluminium truncated cone-shaped system with a goniometer built into the bracket for easy orientation control and fixing with bolts and grub screws to ensure the stability of each individual module over time. The blocks are offset to allow better heat dissipation and increase the efficiency and lifespan of the system. The floodlight is available in 3,000K, 4,000K or 5,700K colour temperatures and CRI>70 (5-Step SDCM) or CRI>80 (3-Step SDCM) colour rendering. The range also includes 4 types of optics: 40° circular, a symmetrical/elliptical optic and 2 asymmetrical optics. The T.I.R.Ex optical system developed by GEWISS, with high transparency PMMA HT lenses, gives total control over the light beam, providing wide flexibility in the design environment, with high qualitative and quantitative performance. The system's external power supply unit is fixed to the edge of the bracket or remote, in the DALI version. The power supply is for single-phase electrical grids. It is immune to surges of up to 6KV in RCCB 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	1200 W
LED Lifetime	L90B10(Tq25°C)>100.000h; L80B10 (Tq25°C)>150.000h

Weight (kg)	30
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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
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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	Elliptical 30°x80°
Unified Glare Rating	ULOR = 0%
Lumen output (lm)	121000
Efficacy (lm/W)	101

Colour temperature	5700 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	-

Standard	EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493
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ELETRICAL AND LIGHTING FEATURES

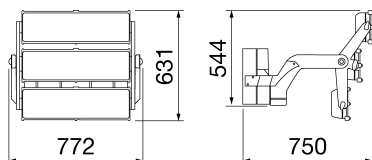
Supply voltage	See external supply unit
Rated frequency (Hz)	See external supply unit
Driver	To be ordered separately
Driver failure rate	See external supply unit
Overvoltage protection	See external supply unit
Control System	See external supply unit

INSTALLATION AND MAINTENANCE

Mounting and installation	Lighting tower - Surface
Tilt	Rotation on bracket with integrated goniometer
Wiring	Watertight connector between floodlight and power supply unit

Fixing	Bracket
Light source replaceability	By professional
Controlgear replaceability	By professional
Driver Box	External
Maximum surface exposed to the wind	0,36 m²

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



Product Data Sheet
GWP3333AA857

SPATIUM PRO

TECHNICAL SYMBOLOGY



IP
IP66

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IK08

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STANDARDS/APPROVALS

