

Spatium PRO | 2 is a high-power outdoor LED floodlight, suitable for lighting large areas and industrial zones. 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 2 modules, each with a bleed and anti-condensation valve, protected from accidental impact. The rotation system between the brackets and optic modules is of a truncated-conical aluminium type, with an integrated goniometer in the bracket for easy control of orientation, and screw and grub screw fastening, which guarantees the secure fixing of each individual module over time. The blocks are misaligned to allow for better thermal dissipation and increased system efficiency and longevity. 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 system includes an external power supply unit installed on the bracket or remote in the DALI version. The Power supply unit is for single-phase electric networks, 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	800 W
LED Lifetime	L90B10(Tq25°C)>100.000h; L80B10 (Tq25°C)>150.000h

Weight (kg)	18
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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)	80000
Efficacy (lm/W)	100
Colour temperature	4000 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
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ELETRICAL AND LIGHTING FEATURES

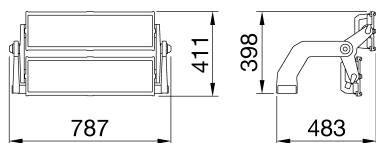
Supply voltage	See external supply unit
Rated frequency (Hz)	See external supply unit
Driver	To be ordered separately
Driver failure rate	See external supply unit
Overvoltage protection	See external supply unit
Control System	See external supply unit

INSTALLATION AND MAINTENANCE

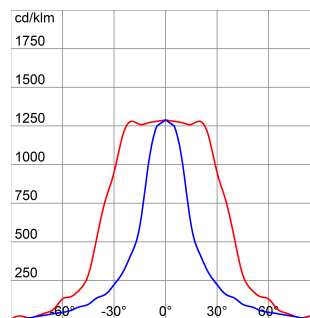
Mounting and installation	Lighting tower - Surface
Tilt	Rotation on bracket with integrated goniometer
Wiring	Watertight connector between floodlight and power supply unit

Fixing	Bracket
Light source replaceability	By professional
Controlgear replaceability	By professional
Driver Box	External
Maximum surface exposed to the wind	0,24 m2

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION





Product Data Sheet
GWP3233AA840

SPATIUM PRO

TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

