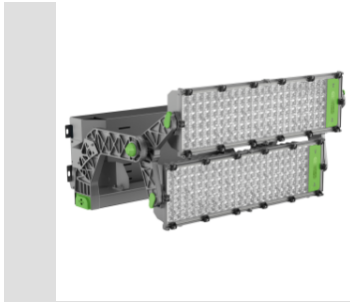


SPATIUM PRO



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
Toepassing	Binnenshuis / buitenshuis
Unique digital code (Datamatrix)	Currently not present
Kleur	Grafiëtgrijs
Type lichtbron	LED
System vermogen	800 W
LED Lifetime	L90B10(Tq25°C)>100.000h; L80B10(Tq25°C)>150.000h
Gewicht (kg)	18
Garantie	5 jaar
Opslagtemperatuur	-
Operating temperature	-25 +50 °C

OPTIC AND ILLUMINATING FEATURES

Optiek	Asymmetric 60°
Unified Glare Rating	ULOR = 0%
Lumen-vermogen (lm)	85000
Efficacy (lm/W)	106
Kleur temperatuur	5700 K
Colour Rendering Index	CRI70
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	-
Standaard	EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493

MATERIALS	-
Body	Gietaluminium
Type plaat	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

ELECTRICAL AND LIGHTING FEATURES

Voedings-spanning	See external supply unit
Nominale frequentie (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

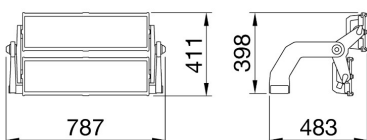
MATERIALS

STANDARDS AND APPROVALS	-
Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	Available
IPEA	-
Isolatie-klasse	I
IP-graad	IP66
Stootbestendigheid	IK08
Glow Wire Test	-

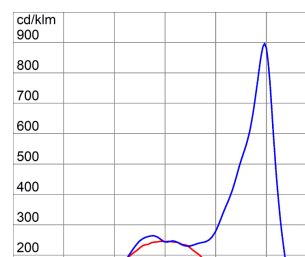
INSTALLATION AND MAINTENANCE

Mounting and installation	Lighting tower - Surface
Tilt	Rotation on bracket with integrated goniometer
Wiring	Watertight connector between floodlight and power supply unit
Bevestiging	Beugel
Light source replaceability	By professional
Controlgear replaceability	By professional
Driver Box	Extern
Maximum surface exposed to the wind	0,24 m2

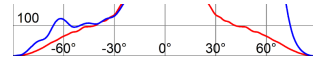
DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



SPATIUM PRO



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

