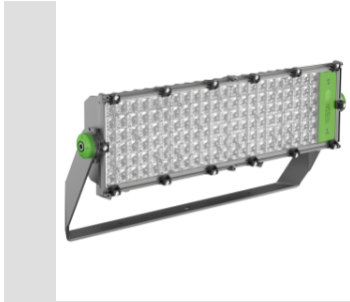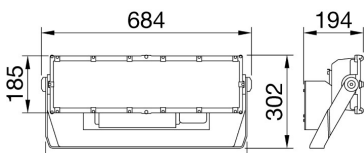SPATIUM PRO

Spatium PRO | 1 is a high-power outdoor LED floodlight sutiable 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	-	OPTIC AND ILLUMINATING FEATURES	-
Context	Large outdoor lighting areas	Optiek	Cirkelvormig 40°
Luminaire	High power LED floodlight	Unified Glare Rating	ULOR = 0%
Toepassing	Binnenshuis / buitenshuis	Lumen-vermogen (lm)	41000
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	103
Kleur	Grafietgrijs	Kleur temperatuur	3000 K
Type lichtbron	LED	Colour Rendering Index	CRI 80
System vermogen	400 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)>100.000h; L80B10(Tq25°C)>150.000h	Photobiological Risk Class	-
Gewicht (kg)	15	Standaard	EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493
Garantie	5 jaar	ELETRICAL AND LIGHTING FEATURES	-
Opslagtemperatuur	-	Voedings-spanning	220 - 240 V
Operating temperature	-25 +50 °C	Nominale frequentie (Hz)	50/60 Hz
MATERIALS	-	Driver	Included
Body	Gietaluminium -	Driver failure rate	F10 = 90.000h Tq25°C
Type plaat	Flat tempered glass 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Optic	T.I.R.Ex. Optical PMMA HT	Control System	DALI
Gasket	Anti-aging silicone	INSTALLATION AND MAINTENANCE	-
Locking Hook	-	Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
External screw	Stainless steel	Tilt	Rotation on bracket with integrated goniometer
Colour	Polyester powder coated	Wiring	Watertight connector between floodlight and power supply unit
STANDARDS AND APPROVALS	-	Bevestiging	Beugel
Classificering	-	Light souce replaceability	By professional
Toestel met verlaagde oppervlaktetemperatuur	-	Controlgear replaceability	By professional
DIN 18032-3-certificering	Available	Driver Box	Extern
IPEA	-	Maximum surface exposed to the wind	0.15 m²
Isolatie-klasse	I		-
IP-graad	IP66		-
Stoot-bestendigheid	IK08		-
Glow Wire Test	-		-

DIMENSIONAL

684 194
185 302

PHOTOMETRIC DISTRIBUTION

SPATIUM PRO

655

TECHNICAL SYMBOLOGY

					IP	IK	GWT
				0.15 m²		IP66	IK08	-

STANDARDS/APPROVALS

UK CA   C E