

STADIUM PRO



STADIUM PRO 3 is a high power LED floodlight, with an LES (light emitted surface) high emission, suitable for lighting sports facilities for professional competitive competitions. The spotlight has a graphite grey finish with trivalent treatment for maximum resistance to oxidation and is equipped with an integrated "self-cleaning" thermal dissipation system. It consists of three modules, each with a venting and non-condensing valve, protected from accidental impacts. The rotation system between the bracket and the optical modules is truncated-conical in aluminium with an integrated goniometer within the bracket for easy orientation control and fixing by means of a grub-screw, which ensure the tightness over time of each individual module. The spotlight is available in 4,000K or 5,700K colour temperatures and CRI>70, CRI>80 or CRI>90 (TLCI>80) colour rendering. The range also includes 6 types of circular optics, from 8° to 40°, 1 symmetrical/Elliptical optic and 2 asymmetric optics. The T.I.R.Ex optical system developed by GEWISS, with high transparency PMMA HT lenses, permits total control over the light beam, allowing for wide flexibility in the design environment, with high qualitative and quantitative performance. The power supply box can be fixed on the edge-bracket, or remotely, it is immune to surges of up to 10KV both in RCCB and common mode, with a single cable. The range includes a DALI2 or DMX-RDM power supply, to allow maximum flexibility in the creation of even complex light sets.

Stadium Pro is for a professional use hence the photometric data are not disclosed. We invite you to take contact with our technical and commercial teams.

GENERAL INFORMATION

Context	Professional sport lighting
Luminaire	High power LED floodlight
Toepassing	Binnenshuis / buitenshuis

Unique digital code (Datamatrix)	Currently not present
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Kleur	Grafietgrijs
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Type lichtbron	LED
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System vermogen	1450 W
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LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=75.000h
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Gewicht (kg)	30
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Garantie	5 jaar
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Opslagtemperatuur	-
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Operating temperature	-25 +50 °C
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MATERIALS

Body	Gietaluminium
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Type plaat	Flat tempered glass 4mm
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Optic	T.I.R.Ex. Optical PMMA HT
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Gasket	Anti-ageing silicone
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Locking Hook	-
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External screw	Stainless steel
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Colour	Polyester powder coated
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STANDARDS AND APPROVALS

Classificering	-
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Toestel met verlaagde oppervlaktetemperatuur	-
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DIN 18032-3-certificering	-
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IPEA	-
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Isolatie-klasse	I
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IP-graad	IP66
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Stootbestendigheid	IK08
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Glow Wire Test	-
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OPTIC AND ILLUMINATING FEATURES

Optiek	Circular 30°
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Unified Glare Rating	ULOR = 0%
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Lumen-vermogen (lm)	147000
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Efficacy (lm/W)	101
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Kleur temperatuur	5700 K
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Colour Rendering Index	CRI 80
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Standard Deviation Colour Matching	SDCM = 3
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Photobiological Risk Class	-
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Standaard	EN60598-1; EN60598-2-5; IEC 62471; IEC 62778
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ELETRICAL AND LIGHTING FEATURES

Voedings-spanning	See external supply unit
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Nominale frequentie (Hz)	See external supply unit
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Driver	To be ordered separately
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Driver failure rate	See external supply unit
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Overvoltage protection	See external supply unit
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Control System	See external supply unit
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INSTALLATION AND MAINTENANCE

Mounting and installation	Lighting tower - Surface
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Tilt	Rotation on bracket with integrated goniometer
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Wiring	Multipolar cable between floodlight and power supply
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Bevestiging	Beugel
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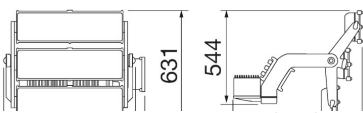
Light souce replaceability	By professional
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Controlgear replaceability	By professional
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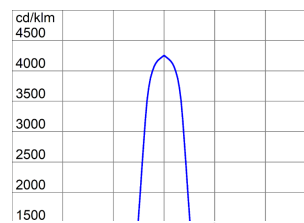
Driver Box	Extern
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Maximum surface exposed to the wind	0,36 m²
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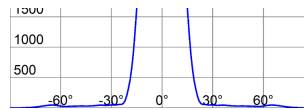
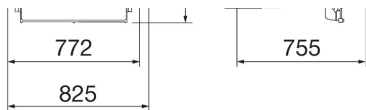
DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



STADIUM PRO



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

