

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

Kleur	Grafietgrijs
Type lichtbron	LED
System vermogen	1450 W
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=75.000h

Gewicht (kg)	30
Garantie	5 jaar
Opslagtemperatuur	-
Operating temperature	-25 +50 °C

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
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STANDARDS AND APPROVALS

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

OPTIC AND ILLUMINATING FEATURES

Optiek	Circular 10°
Unified Glare Rating	ULOR = 0%
Lumen-vermogen (lm)	129000
Efficacy (lm/W)	89
Kleurtemperatuur	5700 K
Colour Rendering Index	CRI>90 TLCI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-

Standaard	EN60598-1; EN60598-2-5; IEC 62471; IEC 62778
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ELETRICAL 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

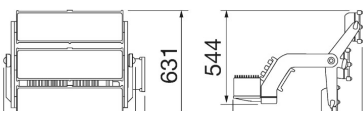
INSTALLATION AND MAINTENANCE

Mounting and installation	Lighting tower - Surface
Tilt	Rotation on bracket with integrated goniometer
Wiring	Multipolar cable between floodlight and power supply

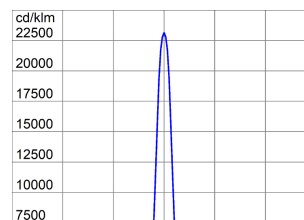
Bevestiging	Beugel
Light souce replaceability	By professional
Controlgear replaceability	By professional

Driver Box	Extern
Maximum surface exposed to the wind	0,36 m²

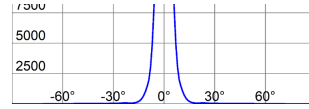
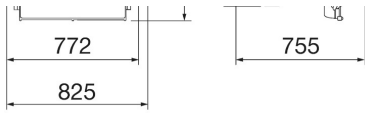
DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



STADIUM PRO



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

