

Smart [PRO] 2.0

Geïntegreerde oplossing voor professionele sportaccomodaties en grote buitenruimtes



SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale and supplied in kit. The body is produced in aluminium die casting EN AB 46100, with integrated passive heat sink, powder coated polyester with trivalent passivation. Metal core PCB with CSP LED. Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via IP68 connector for 1.5mm² cables. Insulation class 2. Driver integrated in DALI options. Available with nine different types of optics, three types of Colour Temperature (3,000K/4,000K/5,700K) and two different types of Chromatic Yield Index (CRI>70, CRI>80). Designed to withstand surges up to 5KV (RCCB mode) and 10KV (common mode), temperature variations from -30°C to +50°C, water and dust penetration up to IP66 degree of protection and impacts up to IK08 grade.

GENERAL INFORMATION

Context	Sport, Big Areas
Luminaire	LED luminaire with small, mid and high lumen power
Toepassing	Binnenshuis / buitenshuis
Unique digital code (Datamatrix)	Currently not present
Kleur	Grafietgrijs
Type lichtbron	LED
System vermogen	165 W
LED Lifetime	L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=110.000h

OPTIC AND ILLUMINATING FEATURES

Optiek	A3 - Assymetric Narrow
Unified Glare Rating	G*6 - ULOR = 0
Lumen-vermogen (lm)	18800
Efficacy (lm/W)	114
Kleur temperatuur	5700 K
Colour Rendering Index	CRI>70
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	-

Gewicht (kg)	5.7
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Standaard	EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201
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Garantie	5 jaar
Opslagtemperatuur	-
Operating temperature	-30°C ÷ +50 °C

ELETRICAL AND LIGHTING FEATURES

Voedings-spanning	220 - 240 V
Nominale frequentie (Hz)	50 / 60

MATERIALS

Body	Gietaluminium
Type plaat	Flat tempered glass 4mm
Optic	Polished anodised aluminum reflector with 99.99% pure aluminum

Driver	Included
Driver failure rate	F10 = 100.000h Tq25°C
Overvoltage protection	DM 6 kV / CM 10 kV
Control System	DALI

Gasket	Anti-ageing silicone
Locking Hook	Hexagonal metric screws

INSTALLATION AND MAINTENANCE

Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
Tilt	Rotation on bracket with integrated goniometer

Colour	Polyester powder coated
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Wiring	Watertight connector
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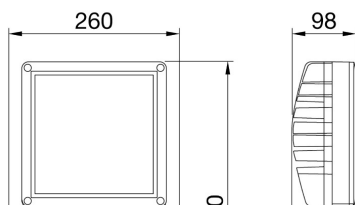
STANDARDS AND APPROVALS

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

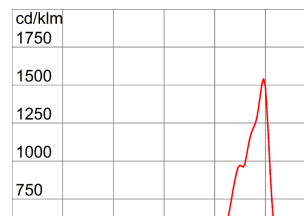
Bevestiging	Beugel
Light souce replaceability	By professional
Controlgear replaceability	By professional

Driver Box	Ingebouwd
Maximum surface exposed to the wind	0,085 m2

DIMENSIONAL

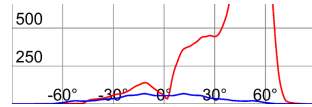
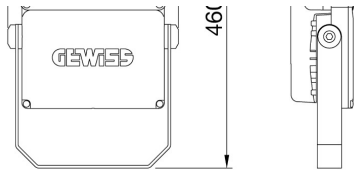


PHOTOMETRIC DISTRIBUTION



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TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
-

STANDARDS/APPROVALS

