

### 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 1.5mm<sup>2</sup> 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	Optiek	A1 - Asymmetrical Wide
Luminaire	LED luminaire with small, mid and high lumen power	Unified Glare Rating	G*4 - ULOR = 0
Toepassing	Binnenshuis / buitenshuis	Lumen-vermogen (lm)	35600
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	108
Kleur	Grafietgrijs	Kleur temperatuur	4000 K
Type lichtbron	LED	Colour Rendering Index	CRI>80
System vermogen	330 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=90.000h	Photobiological Risk Class	-
Gewicht (kg)	13	Standaard	EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201

#### OPTIC AND ILLUMINATING FEATURES

Garantie	5 jaar	<b>ELETRICAL AND LIGHTING FEATURES</b>	
Opslagtemperatuur	-	Voedings-spanning	220 - 240 V
Operating temperature	-30°C + +50 °C	Nominale frequentie (Hz)	50 / 60

#### MATERIALS

Body	Gietaluminium	Driver	Included
Type plaat	Flat tempered glass 4mm	Driver failure rate	F10 = 100.000h Tq25°C
Optic	Polished quartz and metallized PC HT reflector	Overvoltage protection	DM 6 kV / CM 10 kV
Gasket	Anti-ageing silicone	Control System	DALI

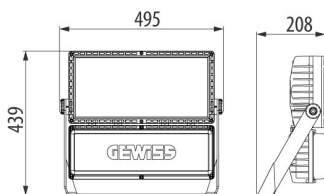
#### INSTALLATION AND MAINTENANCE

Locking Hook	Hexagonal metric screws	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

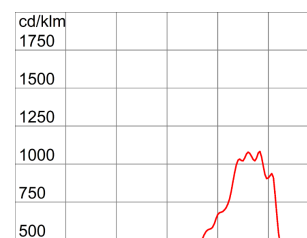
#### STANDARDS AND APPROVALS

Classificering	-	Bevestiging	Beugel
Toestel met verlaagde oppervlaktetemperatuur	Nee	Light souce replaceability	By professional
DIN 18032-3-certificering	Available	Controlgear replaceability	By professional
IPEA	-	Driver Box	Ingebouwd
Isolatie-klasse	II	Maximum surface exposed to the wind	0,170 m2
IP-graad	IP66		-
Stoot-bestendigheid	IK08		-
Glow Wire Test	-		-

### DIMENSIONAL

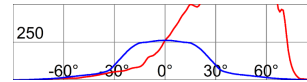


### PHOTOMETRIC DISTRIBUTION



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### TECHNICAL SYMBOLOGY



0,170 m<sup>2</sup>



**IP**  
IP66

**IK**  
IK08

**GWT**  
-

### STANDARDS/APPROVALS

