

Smart [PRO] 2.0



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 1. Driver integrated in options 1-10 V or DALI. 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 protection and impacts up to IK08.

GENERAL INFORMATION

Context	Sport, Big Areas
Luminaire	LED luminaire with small, mid and high lumen power
Aplicação	Interior/Exterior
Unique digital code (Datamatrix)	Currently not present
Cor	Cinza grafite
Tipo de fonte luminosa	LED - Não substituível
Potência de sistema	330 W
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=90.000h
Peso (kg)	13

OPTIC AND ILLUMINATING FEATURES

Óptica	A1 - Asymmetrical Wide
Unified Glare Rating	G*4 - ULOR = 0
Lúmen saída (lm)	35600
Efficiency (lm/W)	108
Temperatura de cor	4000 K
Color Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	-
Norma	EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201

Garantia	5 anos
Temperatura de armazenagem	-
Operating temperature	-30 +50 °C
MATERIALS	-
Body	Injeção de alumínio
Vidro	Flat tempered glass 4mm
Optic	Polished quartz and metallized PC HT reflector

ELETRICAL AND LIGHTING FEATURES

Tensão de alimentação	220 - 240 V
Frequência nominal (Hz)	50 / 60
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
External screw	Stainless steel

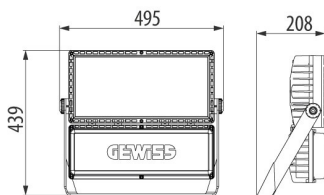
INSTALLATION AND MAINTENANCE

Mouting and installation	High-mast lighting - Wall mounting - Ground mouting
Tilt	Rotation on bracket with integrated goniometer
Wiring	Watertight connector

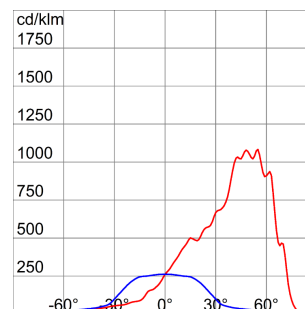
Colour	Polyester powder coated
STANDARDS AND APPROVALS	-
Classificação	-
Aparelho com reduzida temperatura superficial	No
Certificação DIN 18032-3	Si
IPEA	-
Classe isolamento	I
Grau de protecção	IP66
Resistên. golpes	IK08
Glow Wire Test	-

Fixação	Bracket
Optic Maintenance	Not available
LED Maintenance	Not available
Driver Box	Integrado
Superfície máxima exposta ao vento	0,170 m ²

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



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TECHNICAL SYMBOLOGY



0,170 m2



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

