Product Data Sheet

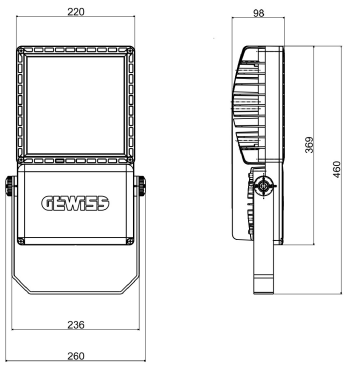
GWP2183MB

SMART [PRO] 2.0

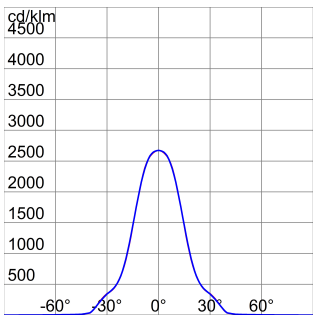
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale 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 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	-	**OPTIC AND ILLUMINATING FEATURES**	-
Context	Sport, Big Areas	Optic	C1 - Circular 30°
Luminaire	LED luminaire with small,mid and high lumen power	Unified Glare Rating	G*6 - ULOR = 0
Application	Indoor / Outdoor	Lumen output (lm)	17400
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	105
Colour	Graphite grey	Colour temperature	3000 K
Type of light source	LED	Colour Rendering Index	CRI>80
System power	165 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=110.000h	Photobiological Risk Class	-
Weight (kg)	5.7	Standard	EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201
Warranty	5 years	**ELETRICAL AND LIGHTING FEATURES**	-
Stocking temperature	-	Supply voltage	220 - 240 V
Operating temperature	-30 +50 °C	Rated frequency (Hz)	50 / 60
MATERIALS	-	Driver	Included
Body	Die-cast aluminium -	Driver failure rate	F10 = 100.000h Tq25°C
Shield type	Flat tempered glass 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Optic	Polished quartz and metallized PC HT reflector	Control System	DALI
Gasket	Anti-aging silicone	**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	-	Fixing	Bracket
Classification	-	Light souce replaceability	By professional
Device with reduced surface temperature	Yes	Controlgear replaceability	By professional
DIN 18032-3 certification	Yes	Driver Box	Built-in
IPEA	-	Maximum surface exposed to the wind	0,085 m2
Insulation class	II		-
IP degree	IP66		-
Mechanical resistance	IK08		-
Glow Wire Test	-		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



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TECHNICAL SYMBOLOGY




0,085 m2

IP	IK	GWT
IP66	IK08	-

STANDARDS/APPROVALS