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.

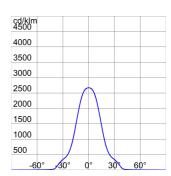
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 2. 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

Luminaire LED luminaire with small,mid and high humen power Unified Glare Rating G*6 - ULO Application Indoor / Outdoor Lumen output (lim) 1 Unique digital code (Datamatrix) Currently not present (lim/W) Efficacy (lim/W) 1 Colour Graphite grey Colour temperature 33 Type of light source LED Colour temperature 35 UED Lifetime L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=10.000h Standard Deviation Colour Matching SDC Weight (kg) 5,7 Standard Deviation Colour Matching SDC Warranty 5 years Standard Deviation Colour Matching SDC Stocking temperature 5 years SELETRICAL AND LIGHTING FEATURES IEC62471; ENT Stocking temperature -30+50 °C Rated frequency (Hz) 5 Body Directal aluminium - Police type of Flat tempered glass 4mm One voltage protection DM 6 kV / CM - Overoltage protection Overoltage protection DM 6 kV / CM - Overoltage protection Overoltage protection Mounting and installation High-mast lighting - Wall mounting - Gr with integ gonior Integral aluminium - SM overoltage protection	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEAT	TURES -
Application	Context	Sport, Big Areas	Optic	C1 - Circular 30°
Unique digital code (Datamatrix)	Luminaire L		Unified Glare Rating	G*6 - ULOR = 0
Colour	Application	Indoor / Outdoor	Lumen output (Im)	17400
Type of light source	Unique digital code (Datamatrix)	Currently not present		105
System power 165 W LeD Lifetime LeDB10(Tq25°C)=50.000h; LaB0B10 Tq25°C)=10.000h LeDB10(Tq25°C)=10.000h LeDB10(Tq25°C)=10.000h LeDB10(Tq25°C)=110.000h CTq25°C)=110.000h CTq25°C	Colour	Graphite grey	Colour temperature	3000 K
LED Lifetime L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=110.000h Weight (kg) 5.7 Warranty 5 years Stocking temperature - Supply voltage 220 - 2 Operating temperature - 30 +50 °C MATERIALS - Driver failure rate F10 = 100.000h Tq Shield type Flat tempered glass 4mm Optic Polished quartz and metallized PC HT reflector Gasket Anti-aging silicone Locking Hook Hexagonal metric screws External screw Stainless steel External screw Stainless steel STANDARDS AND APPROVALS - Fixing garding of the reflector of Classification Polished surface temperature Yes Controlgear replaceability By profess DIN 18032-3 certification Yes DIN 18032-3 certification Yes Insulation class III P degree IP66 Werstands (Rg5°C)=110.000h Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6: IEC62471; EN1 EXEMINISTRICE Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6: IEC62471; EN1 EXEMINISTRICE Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6: IEC62471; EN1 EXEMINISTRICE Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6: IEC62471; EN1 EXEMINISTRICE Supply voltage 220 - 2 Rated frequency (Hz) 5 Fixed frequency (Hz)	Type of light source	LED	Colour Rendering Index	CRI>80
Weight (kg) S.7 Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 60 IEC 62471; EN1	System power	165 W	Standard Deviation Colour Matching	g SDCM = 3
Warranty 5 years Stocking temperature -30 +50 °C Anternation to Polyester powder coated STANDARDS AND APPROVALS -5 Classification Class Insulation class Insula			Photobiological Risk Class	-
Stocking temperature - Supply voltage - 220 - 2 Operating temperature30 + 50 °C Rated frequency (Hz) 55 MATERIALS - Driver Surver Stale Incomplete Supply Supp	Weight (kg)	5.7	Standard EN6	60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201
Operating temperature -30 +50 °C MATERIALS - Driver Incl Body Die-cast aluminum Shield type Flat tempered glass 4mm Optic Polished quartz and metallized PC HT reflector Gasket Anti-aging silicone Locking Hook Hexagonal metric screws Colour Polyester powder coated Colour Polyester powder coated Stainless steel Classification Polyester powder coated with reduced surface temperature Polyester powder with reduced surface temperature Divice with reduced surface temperature DIN 18032-3 certification Face Stainless In Il P degree Polyeete Polyester Polyeste	Warranty	5 years	ELETRICAL AND LIGHTING FEATURES -	
MATERIALS Die-cast aluminium- Shield type Flat tempered glass 4mm Optic Polished quartz and metallized PC HT reflector Gasket Locking Hook External screw Stainless steel Colour STANDARDS AND APPROVALS Classification Device with reduced surface temperature Device faiture rate D	Stocking temperature	· -	Supply voltage	220 - 240 V
Body Die-cast aluminium - Shield type Flat tempered glass 4mm Optic Polished quartz and metallized PC HT reflector Gasket Anti-aging silicone Locking Hook Hexagonal metric screws External screw STANDARDS AND APPROVALS FIXADDARDS AND APPROVALS FI	Operating temperature	-30 +50 °C	Rated frequency (Hz)	50 / 60
Shield type Flat tempered glass 4mm Optic Polished quartz and metallized PC HT reflector Gasket Anti-aging silicone Locking Hook Hexagonal metric screws Fathernal screw Stainless steel STANDARDS AND APPROVALS Polyester powder coated STANDARDS AND APPROVALS Polyester powder coated Wiring Stainless steel Device with reduced surface temperature DIN 18032-3 certification Fig. 1 PEA Capter Stainless Stainles	MATERIALS	-	Driver	Included
Optic Polished quartz and metallized PC HT reflector Control System Gasket Anti-aging silicone INSTALLATION AND MAINTENANCE Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall mounting - Grown on bracket with integration	Body	Die-cast aluminium -	Driver failure rate	F10 = 100.000h Tq25°C
Gasket Anti-aging silicone Locking Hook Hexagonal metric screws External screw Stainless steel Colour Polyester powder coated STANDARDS AND APPROVALS Classification Fevice with reduced surface temperature Yes DIN 18032-3 certification PEA Controlgear replaceability Insulation class Period Stainless Steel Tilt Rotation on bracket with integration of the process of the wind sprofess of the wind surface exposed to the wind sprofess of the controlled surface temperature Process of the wind surface exposed to the wind sprofess of the controlled surface temperature Process of the wind surface exposed to the wind sprofess of the wind surface exposed to the wind surface exp	Shield type	Flat tempered glass 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
External screw Stainless steel Colour Polyester powder coated STANDARDS AND APPROVALS Classification Device with reduced surface temperature DIN 18032-3 certification PEA Tilt Rotation on bracket with integration of process of priver Box Device with reduced surface temperature DIN 18032-3 certification PEA Tilt Rotation on bracket with integration of process of points of priver Box Driver Bo	Optic		Control System	DALI
Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall mounting - Grown mounting - Gro	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENAM	NCE -
External screw Stainless steel Colour Polyester powder coated STANDARDS AND APPROVALS Classification Colour Colou			Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
STANDARDS AND APPROVALS - Fixing Classification - Light souce replaceability By profess Device with reduced surface temperature Yes Controlgear replaceability By profess DIN 18032-3 certification Yes Driver Box B IPEA - Maximum surface exposed to the wind 1804 By profess By profess B IPEA - Maximum surface exposed to the wind 1905 By profess	External screw	Stainless steel	Tilt	Rotation on bracket with integrated goniometer
Classification - Light souce replaceability By profess Device with reduced surface temperature Yes Controlgear replaceability By profess DIN 18032-3 certification Yes Driver Box B IPEA - Maximum surface exposed to the wind 0,08 Insulation class II IP degree IP66 Mechanical resistance IK08	Colour	Polyester powder coated	Wiring	Watertight connector
Device with reduced surface temperature Per Controlgear replaceability Per Diver Box PEA PEA Per Maximum surface exposed to the wind Pegree Peg	STANDARDS AND APPROVALS	<u>-</u>	Fixing	Bracket
DIN 18032-3 certification Yes Driver Box B IPEA - Maximum surface exposed to the wind 0,08 Insulation class II IP degree IP66 Mechanical resistance IK08	Classification	-	Light souce replaceability	By professional
IPEA - Maximum surface exposed to the wind 0,08 Insulation class II IP degree IP66 Mechanical resistance IK08	Device with reduced surface temperat	ure Yes		By professional
Insulation class II IP degree IP66 Mechanical resistance IK08	DIN 18032-3 certification	Yes	Driver Box	Built-in
IP degree IP66 Mechanical resistance IK08	IPEA	-	Maximum surface exposed to the w	vind 0,085 m2
Mechanical resistance IK08	Insulation class	II		<u> </u>
	IP degree	IP66		-
Glow Wire Test	Mechanical resistance	IK08		-
Olon Tillo Tool	Glow Wire Test	-		-

DIMENSIONAL

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PHOTOMETRIC DISTRIBUTION



Product Data Sheet GWP2183MB

SMART [PRO] 2.0

TECHNICAL SYMBOLOGY













ΙP IP66

ΙK IK08

GWT

STANDARDS/APPROVALS





