Product Data Sheet

GWP2184GB

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.

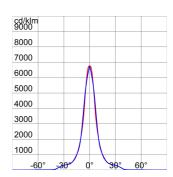
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 2. 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 lumen power Unified Glare Rating power Ge*6 - ULOR = power Application Indoor / Outdoor Lumen output (lim) 1911 Unique digital code (Datamatrix) Currently not present Efficacy (lm/W) 1911 Colour Graphite grey Colour temperature 4000 Type of light source LED Colour Rendering Index CRI>> System power 165 W Standard Deviation Colour Matching SDCM= Weight (kg) L90B10(Tq25°C)=50.0001; L80B10 (Tq25°C)=10.0000h Photobiological Risk Class Photobiological Risk Class Warranty 5 years Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6277 (EC62471; EN1326) Yorking temperature 5 years SUPPly voltage 220 - 240 Body Die-cast aluminium Driver Province Body Die-cast aluminium Driver Province Casket Anti-aging silicone New Yorking and installation High-mast lighting - Wall mounting - Group and installation External screw Stainless steel Titl Rotation on bracket with integrat grade pr	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEAT	TURES -
Application	Context	Sport, Big Areas	Optic	C4 - Circular 15°
Unique digital code (Datamatrix) Currently not present Efficacy (Int/W) 1 Colour Graphite grey Colour LED Colour Rendering Index CRI> System power 165 W Standard pesition Colour Matching SDCM = LED Lifetime L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=10.000h Photobiological Risk Class SDCM = Weight (kg) 5 years Standard Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6277 [EC62471; EN132 Warranty 5 years Standard Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6277 [EC62471; EN132 Warranty 5 years Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6277 [EC62471; EN132 Warranty 5 years Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6277 [EC62471; EN132 Warranty 5 years Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6277 [EC62471; EN132 Warranty 5 years Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6277 [EC62471; EN132 Warranty 5 years Standard ELETRICAL AND LIGHTING FEATURES Stocking temperature - 30+50 °C Rated frequency (Hz) - 07 (Hz) - 07 (Hz)	Luminaire L		Unified Glare Rating	G*6 - ULOR = 0
Colour	Application	Indoor / Outdoor	Lumen output (lm)	19100
Type of light source	Unique digital code (Datamatrix)	Currently not present		116
System power	Colour	Graphite grey	Colour temperature	4000 K
LED Lifetime L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=110.000h Weight (kg) 5.7 Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6277 IEC	Type of light source	LED	Colour Rendering Index	CRI>80
Weight (kg) Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6277 IEC62471; EN1322	System power	165 W	Standard Deviation Colour Matchin	g SDCM = 3
Warranty 5 years Stocking temperature 6 - 5 Supply voltage 220 - 240 Operating temperature - 30 + 50 °C Rated frequency (Hz) 50 / 0 / 0 / 0 / 0 / 0 / 0 / 0 / 0 / 0			Photobiological Risk Class	-
Stocking temperature - Supply voltage - 220 - 240 Operating temperature - 30 + 50 °C Rated frequency (Hz) - 50 / 1	Weight (kg)	5.7	Standard EN	60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201
Operating temperature -30 +50 °C Rated frequency (Hz) 50 /r MATERIALS - Driver Include Body Die-cast aluminum-Die-cast al	Warranty	5 years	ELETRICAL AND LIGHTING FEATURES -	
MATERIALS Driver Driver Driver failure rate Driver System Driver System Driver System Driver Manufits Institution Driver Box Driver Box Driver Box Maximum surface exposed to the wind Driver Box Driver Box Maximum surface exposed to the wind Driver Box Maximum surface exposed to the wind Driver Box Driver Box Maximum surface exposed to the wind Driver Box Driver Box Maximum surface exposed to the wind Driver Box Driver Box Driver Box Maximum surface exposed to the wind Driver Box	Stocking temperature	· -	Supply voltage	220 - 240 V
Die-cast aluminium - Shield type Die-cast aluminium - Shield type Flat tempered glass 4mm Optic Polished quartz and metallized PC HT reflector Reflector Research Flat tempered glass 4mm Optic Polished quartz and metallized PC HT reflector Reflector Research Flat tempered glass 4mm Optic Polished quartz and metallized PC HT reflector Research Flat tempered glass 4mm Optic Polished quartz and metallized PC HT reflector Research Flat tempered glass 4mm Optic Polished quartz and metallized PC HT reflector Research Flat tempered glass 4mm Optic Polished quartz and metallized PC HT Control System DA Gentral System DA G	Operating temperature	-30 +50 °C	Rated frequency (Hz)	50 / 60
Shield type Flat tempered glass 4mm Overvoltage protection DM 6 kV / CM 10 to polic Polished quartz and metallized PC HT reflector Gasket Anti-aging silicone Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall mounting - Grou mouting and installation High-mast lighting - Wall mounting - Grou mouting and installation High-mast lighting - Wall mounting - Grou mouting and installation High-mast lighting - Wall mounting - Grou mouting - Grou mouting - Grou mouting and installation High-mast lighting - Wall mounting - Grou mouting - Grou	MATERIALS	-	Driver	Included
Optic Polished quartz and metallized PC HT reflector Control System DA Gasket Anti-aging silicone INSTALLATION AND MAINTENANCE High-mast lighting - Wall mounting - Grou mouting Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall mounting - Grou mouting External screw Stainless steel Tilt Rotation on bracket with integrat goniomet Colour Polyester powder coated Wiring Watertight connect STANDARDS AND APPROVALS - Fixing By profession Classification - Light souce replaceability By profession Device with reduced surface temperature Yes Controlgear replaceability By profession DIN 18032-3 certification Yes Driver Box Built-light source exposed to the wind 0,085 m IPEA - Maximum surface exposed to the wind 0,085 m Insulation class II IP degree IP66 Mechanical resistance IK08	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 Classification Fixing Stainless Steel Povice with reduced surface temperature Polyester powder Stainless Steel Polyester powder Coated Stainless Steel Polyester powder Coated STANDARDS AND APPROVALS Classification Fixing Stainless Steel Polyester powder Coated STANDARDS	Shield type	Flat tempered glass 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall mounting - Grou mouting and installation External screw Stainless steel Till Rotation on bracket with integrat gonoimet Colour Polyester powder coated Wiring Watertight connect STANDARDS AND APPROVALS - Fixing Brack Classification - Light souce replaceability By profession Device with reduced surface temperature Yes Controlgear replaceability By profession DIN 18032-3 certification Yes Driver Box Built IPEA - Maximum surface exposed to the wind 0,085 m Insulation class II IP degree IP66 Mechanical resistance IK08	Optic		Control System	DALI
Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall mounting - Grou mouting and installation External screw Stainless steel Till Rotation on bracket with integrat gonoimet Colour Polyester powder coated Wiring Watertight connect STANDARDS AND APPROVALS - Fixing Brack Classification - Light souce replaceability By profession Device with reduced surface temperature Yes Controlgear replaceability By profession DIN 18032-3 certification Yes Driver Box Built IPEA - Maximum surface exposed to the wind 0,085 m Insulation class II IP degree IP66 Mechanical resistance IK08	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENA	NCE -
External screw Stainless steel Colour Polyester powder coated STANDARDS AND APPROVALS Classification Colour Polyester powder coated Classification Classification Classification Controlgear replaceability Contr			Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
STANDARDS AND APPROVALS - Fixing Brack Classification - Light souce replaceability By profession Device with reduced surface temperature Yes Controlgear replaceability By profession DIN 18032-3 certification Yes Driver Box Built IPEA - Maximum surface exposed to the wind 0,085 n III IP degree IP66 Mechanical resistance IK08	External screw	Stainless steel	Tilt	Rotation on bracket with integrated goniometer
Classification - Light souce replaceability By profession Device with reduced surface temperature Yes Controlgear replaceability By profession DIN 18032-3 certification Yes Driver Box Built IPEA - Maximum surface exposed to the wind 0,085 m Insulation class II IP degree IP66 Mechanical resistance IK08	Colour	Polyester powder coated	Wiring	Watertight connector
Device with reduced surface temperature Per Substitution Per Sub	STANDARDS AND APPROVALS	<u>-</u>	Fixing	Bracket
Device with reduced surface temperature Yes Controlgear replaceability By profession DIN 18032-3 certification Yes Driver Box Built IPEA - Maximum surface exposed to the wind 0,085 m Insulation class II IP degree IP66 Mechanical resistance IK08	Classification	-	Light souce replaceability	By professional
IPEA - Maximum surface exposed to the wind 0,085 in 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>	<u>-</u>
	IP degree	IP66		-
Glow Wire Test -	Mechanical resistance	IK08		-
	Glow Wire Test	-		-

DIMENSIONAL

220 98 98 98 98 98 98

PHOTOMETRIC DISTRIBUTION



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SMART [PRO] 2.0

TECHNICAL SYMBOLOGY













ΙP IP66

ΙK IK08

GWT

STANDARDS/APPROVALS





