#### **Product Data Sheet**

## GWP2285GD

SMART [PRO] 2.0



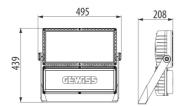
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale 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.

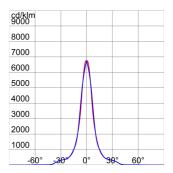
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 1. 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.

Unified Glare Rating	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEAT	JRES -
Poperating temperature   Poperating temperat	Context	Sport, Big Areas	Optic	C4 - Circular 15°
	Luminaire L		Unified Glare Rating	G*6 - ULOR = 0
Colour   Graphite grey   Colour Rendering Index   CRI>80   CRI>80   Colour Rendering Index   CRI>80   CRI>80   CRI>80   CRI>80   CRI>80   CRI>80   CRI>80   CRI>80   CRI>80   CRIS\$0   CRIS\$0	Application	Indoor / Outdoor	Lumen output (lm)	38200
Colour Rendering Index	Unique digital code (Datamatrix)	Currently not present		116
System power L90810(Tq25°C)=40.000h; L80810 (Tq25°C)=90.000h (Tq25°C)=90.0	Colour	Graphite grey	Colour temperature	5700 K
LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.00h (T	Type of light source	LED	Colour Rendering Index	CRI>80
	System power	330 W	Standard Deviation Colour Matching	SDCM = 3
Narranty 5 years Stocking temperature 6 - Supply voltage 220 - 240 V Departing temperature - 30 + 50 °C Rated frequency (Hz) 50 / 60  AATERIALS 6 - Die-cast aluminium - Diver failure rate F10 = 100.000h Tq25°C Pote for fellow frequency (Hz) 50 / 60 / 60 / 60 / 60 / 60 / 60 / 60 /	LED Lifetime		Photobiological Risk Class	-
Stocking temperature - Supply voltage - 220 - 240 V Operating temperature - 30 + 50 °C Rated frequency (Hz) 50 / 60 / 60 / 60 / 60 / 60 / 60 / 60 /	Weight (kg)	13	Standard E	
Operating temperature         -30 +50 °C         Rated frequency (Hz)         50 / 60           MATERIALS         Driver         Included           Sheld type         Flat tempered glass 4mm         Overvoltage protection         DM 6 kV / CM 10 kV           Optic         Polished quartz and metallized PC HT reflector         Control System         DM 6 kV / CM 10 kV           Gasket         Anti-aging silicone         Mounting and installation         High-mast lighting - Wall mounting - Ground mouting           External screw         Stainless steel         Tilt         Rotation on bracket with integrated ground mouting           Colour         Polyester powder coated         Wiring         Watertight connector           EXTANDARDS AND APPROVALS         Fixing         Bracket           Classification         Control gear replaceability         By professional           Device with reduced surface temperature         No         Control gear replaceability         By professional           PEA         Solitan stallation         Maximum surface exposed to the wind         0,170 m2           Pedegree         196         Maximum surface exposed to the wind         0,170 m2           dechanical resistance         1860         1860         1860	Warranty	5 years	ELETRICAL AND LIGHTING FEAT	URES -
AATERIALS Die-cast aluminum - Driver failure rate Overvoltage protection Die-cast aluminum - Driver failure rate Driver System Driver System Driver System Driver Mounting and installation Driver Mounting and ins	Stocking temperature		Supply voltage	220 - 240 V
Schield type Flat tempered glass 4mm Polished quartz and metallized PC HT reflector Sasket Antti-aging sillicone Acking Hook Hexagonal metric screws External screw Stainless steel Clour Polyester powder coated Classification Perces Classification Perces with reduced surface temperature Divisional Device with re	Operating temperature	-30 +50 °C	Rated frequency (Hz)	50 / 60
Shield type Flat tempered glass 4mm Overvoltage protection DM 6 kV / CM 10 kV Optic Polished quartz and metallized PC HT reflector Sasket Anti-aging silicone Locking Hook Hexagonal metric screws Colour Polyester powder coated Colour Polyester powde	MATERIALS	-	Driver	Included
Polished quartz and metallized PC HT reflector  Anti-aging silicone Locking Hook Hexagonal metric screws  Stainless steel Colour	Body	Die-cast aluminium -	Driver failure rate	F10 = 100.000h Tq25°C
Reaket Anti-aging silicone Mounting and installation High-mast lighting - Wall mounting - Ground mouting - Cocking Hook Playster powder coated Colour Polyester powder coated Colour Polye	Shield type	Flat tempered glass 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Hexagonal metric screws Stainless steel External screw Stainless steel Colour Polyester powder coated Classification Fixing Stainless Steel Classification Fixing Stainless Steel Colour Polyester powder coated Stainless Steel Classification Fixing Stainless Stainle	Optic		Control System	DALI
External screw Stainless steel Tilt Rotation on bracket with integrated goniometer Colour Polyester powder coated Wiring Watertight connector ETANDARDS AND APPROVALS - Fixing Bracket Classification - Light souce replaceability By professional Device with reduced surface temperature No Controlgear replaceability By professional DIN 18032-3 certification Yes Driver Box Built-in PEA - Maximum surface exposed to the wind 0,170 m2 nsullation class I P66 - Maximum surface exposed to the wind - P degree IP66 - IK08 - IK08 IK08 - IK08	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENAN	CE -
Colour Polyester powder coated Wiring Watertight connector FIXANDARDS AND APPROVALS - Fixing Bracket Classification - Light souce replaceability By professional Device with reduced surface temperature No Controlgear replaceability By professional DIX 18032-3 certification Yes Driver Box Built-in PEA - Maximum surface exposed to the wind 0,170 m2 nsulation class I P degree IP66 - Mcchanical resistance IK08 - IK08	Locking Hook	Hexagonal metric screws	Mounting and installation	
STANDARDS AND APPROVALS     -     Fixing     Bracket       Classification     -     Light souce replaceability     By professional       Device with reduced surface temperature     No     Controlgear replaceability     By professional       DIN 18032-3 certification     Yes     Driver Box     Built-in       PEA     -     Maximum surface exposed to the wind     0,170 m2       Insulation class     I     -       P degree     IP66     -       Mechanical resistance     IK08     -	External screw	Stainless steel	Tilt	
Classification - Light souce replaceability By professional Device with reduced surface temperature No Controlgear replaceability By professional DIN 18032-3 certification Yes Driver Box Built-in PEA - Maximum surface exposed to the wind 0,170 m2 nsulation class I P66 - Mechanical resistance IK08 - IK08 - IK08	Colour	Polyester powder coated	Wiring	Watertight connector
Device with reduced surface temperature         No         Controlgear replaceability         By professional Driver Box           DIN 18032-3 certification         Yes         Driver Box         Built-in           PEA         -         Maximum surface exposed to the wind         0,170 m2           nsulation class         I         -           P degree         IP66         -           Mechanical resistance         IK08         -	STANDARDS AND APPROVALS	<u> </u>	Fixing	Bracket
DIN 18032-3 certification         Yes         Driver Box         Built-in           PEA         -         Maximum surface exposed to the wind         0,170 m2           Insulation class         I         -           P degree         IP66         -           Mechanical resistance         IK08         -	Classification	-	Light souce replaceability	By professional
PEA         -         Maximum surface exposed to the wind         0,170 m2           nsulation class         I         -           P degree         IP66         -           Mechanical resistance         IK08         -	Device with reduced surface temperat	ture No	Controlgear replaceability	By professional
Insulation class         I         -           P degree         IP66         -           Mechanical resistance         IK08         -	DIN 18032-3 certification	Yes	Driver Box	Built-in
P degree         IP66         -           Mechanical resistance         IK08         -	IPEA	-	Maximum surface exposed to the wi	nd 0,170 m2
Aechanical resistance IK08 -	Insulation class		<u> </u>	-
	IP degree	IP66		-
Glow Wire Test -	Mechanical resistance	IK08		-
	Glow Wire Test	-		-

### **DIMENSIONAL**



#### PHOTOMETRIC DISTRIBUTION



#### TECHNICAL SYMBOLOGY















**IK** IK08

GWT

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## STANDARDS/APPROVALS

