

# Product Data Sheet GWP2283LB

SMART [PRO] 2.0



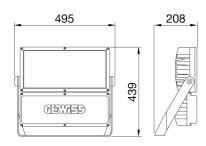
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

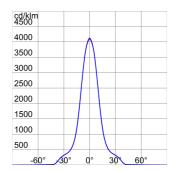
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anticondensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 2. 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 luman power   Unified Glare Rating     Application   Indoor / Outdoor   Lumen output (Im)     Unique digital code (Datamatrix)   Currently not present   Efficacy (Im/W)     Colour   Graphite grey   Colour temperature     Type of light source   LED   Colour Rendering Index     System power   3330 W   Standard Deviation Colour Matching     LED Lifetime   L90B10(Tq25°C)=40.000h   Photobiological Risk Class     Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   - Supply voltage   Operating temperature supply voltage     Operating temperature   - 30°C + +50° C   Rated frequency (Hz)     MATERIALS   Die-cast aluminium   Driver     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM     Optic   Polished quartz and metallized PC HT   Control System   Control System     Gasket   Anti-aging sillcone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall metallow     Locking Hook   Hexagonal metric scre	-
power   Power     Application   Indoor / Outdor   Lumen output (Im)     Unique digital code (Datamatrix)   Currently not present   Efficacy (Im/W)     Colour   Graphite grey   Colour temperature     Type of light source   LED   Colour temperature     System power   330 W   Standard Deviation Colour Matching     LED Lifetime   L90B10(Tq25°C)=40.000h; L80B10   Photobiological Risk Class     Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   -   Supply voltage     Operating temperature   -30°C + +50 °C   Rated frequency (Hz)     MATERIALS   -   Driver     Body   Die-cast aluminium   Driver failure rate   F10 = 1     Shield type   Flat tempered glass 4m   Overvoltage protection   DM     Optic   Polished quartz and metallized PC HT   Control System   External screw   Mounting and installation   High-mast lighting - Wall metallized PC HT     Colour   Polyester powder coated   Wiring   Wate	2 - Circular 25°
Application   Indoor / Outdoor   Lumen output (Im)     Unique digital code (Datamatrix)   Currently not present   Efficacy (Im/W)     Colour   Graphite grey   Colour temperature     Type of light source   LED   Colour Rendering Index     System power   330 W   Standard Deviation Colour Matching     LED Lifetime   L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h   Photobiological Risk Class     Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   -30°C + +50 °C   Rated frequency (Hz)     MATERIALS   Die-cast aluminium   Driver     Body   Die-cast aluminium   Driver failure rate   F10 = 1     Optic   Polished quartz and metric screws   Mounting and installation   High-mast lighting - Wall mo     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mo     Colour   Polyester powder coated   Wiring   Wat	G*6 - ULOR = 0
Unique digital code (Datamatrix)   Currently not present   Efficacy (Im/W)     Colour   Graphite grey   Colour temperature     Type of light source   LED   Colour Rendering Index     System power   330 W   Standard Deviation Colour Matching     LED Lifetime   L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h   Photobiological Risk Class     Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   -30°C + +50 °C   Rated frequency (Hz)     Operating temperature   -30°C + +50 °C   Rated frequency (Hz)     MATERIALS   Driver   Driver     Body   Die-cast aluminium   Driver failure rate   F10 = 1     Optic   Polished quartz and metallized PC HT reflector   Control System   DM     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   INSTALLATION AND MAINTENANCE     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall metric     Colour   Polyester powder coated   Wiring   Wat	0.1700
Colour Graphite grey Colour temperature   Type of light source LED Colour temperature   System power 330 W Standard Deviation Colour Matching   LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h Photobiological Risk Class   Weight (kg) 13 Standard   Warranty 5 years ELETRICAL AND LIGHTING FEATURES   Stocking temperature -30°C + +50 °C Rated frequency (Hz)   MATERIALS - Driver   Body Die-cast aluminium Driver failure rate   Shield type F1at tempered glass 4mm Overvoltage protection   Optic Polished quartz and metallized PC HT Control System   Casket Anti-aging silicone MSTALLATION AND MAINTENANCE   Locking Hook Hexagonal metric screws Mounting and installation   External screw Stainless steel Tilt   Colour Polyester powder coated Wiring	34700
Type of light source   LED   Colour Rendering Index     System power   330 W   Standard Deviation Colour Matching     LED Lifetime   L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h   Photobiological Risk Class     Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   -   Supply voltage     Operating temperature   -30°C ÷ +50 °C   Rated frequency (Hz)     MATERIALS   -   Driver     Body   Die-cast aluminium   Driver failure rate   F10 = 1     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM     Optic   Polished quartz and metalized PC HT reflector   Control System   INSTALLATION AND MAINTENANCE     Lexternal screw   Stainless steel   Tilt   Rotation on bracket     Colour   Polyester powder coated   Wiring   Wat	105
System power   330 W   Standard Deviation Colour Matching     LED Lifetime   L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h   Photobiological Risk Class     Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   -   Supply voltage     Operating temperature   -30°C ÷ +50 °C   Rated frequency (Hz)     MATERIALS   -   Driver     Body   Die-cast aluminium   Driver failure rate   F10 = 1     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM     Optic   Polished quartz and metalized PC HT   Control System   E     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Wounting and installation   High-mast lighting - Wall metric screws     External screw   Stainless steel   Tilt   Rotation on bracket     Colour   Polyester powder coated   Wiring   Wate	3000 K
LED Lifetime   L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h   Photobiological Risk Class     Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   -30°C ÷ +50 °C   Rated frequency (Hz)     MATERIALS   -   Driver     Body   Die-cast aluminium   Driver failure rate   F10 = 1     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM     Optic   Polished quartz and metallized PC HT   Control System   Control System     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall metallized CC HT     Locking Hook   Hexagonal metric screws   Stainless steel   Tilt   Rotation on bracket	CRI>80
Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   -30°C + +50 °C   Rated frequency (Hz)     MATERIALS   -   Driver     Body   Die-cast aluminium -   Driver failure rate   F10 = 1     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM     Optic   Polished quartz and metallized PC HT reflector   Control System   DM     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall metallized reflector     Colour   Polyester powder coated   Wiring   Water	SDCM = 3
Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   - Supply voltage     Operating temperature   -30°C ÷ +50 °C     Rated frequency (Hz)   -     MATERIALS   -     Body   Die-cast aluminium -     Driver   -     Body   Flat tempered glass 4mm     Optic   Polished quartz and metallized PC HT     Control System   -     reflector   -     Gasket   Anti-aging silicone     Locking Hook   Hexagonal metric screws     Mounting and installation   High-mast lighting - Wall metric screws     Colour   Polyester powder coated   Wiring	-
Stocking temperature   -   Supply voltage     Operating temperature   -30°C ÷ +50 °C   Rated frequency (Hz)     MATERIALS   -   Driver     Body   Die-cast aluminium -   Driver failure rate     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM     Optic   Polished quartz and metallized PC HT   Control System   DM     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall metallized row bracket     Locking Hook   Hexagonal metric screws   Tilt   Rotation on bracket     Colour   Polyester powder coated   Wiring   Wate	778; IEC 62471; EN13201
Stocking temperature   -30°C ÷ +50 °C   Rated frequency (Hz)     MATERIALS   - Driver     Body   Die-cast aluminum   Driver failure rate     Shield type   Flat tempered glass 4mm   Overvoltage protection     Optic   Polished quartz and metallized PC HT   Control System     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall metallized Control System     External screw   Stainless steel   Tilt   Rotation on bracket     Colour   Polyester powder coated   Wiring   Wate	-
MATERIALS   -   Driver     Body   Die-cast aluminium -   Driver failure rate   F10 = 1     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM     Optic   Polished quartz and metallized PC HT reflector   Corrol System   DM     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall metallized Corrol System     External screw   Stainless steel   Tilt   Rotation on bracket     Colour   Polyester powder coated   Wiring   Wate	220 - 240 V
Body   Die-cast aluminium -   Driver failure rate   F10 = 1     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM     Optic   Polished quartz and metallized PC HT   Corrol System   Driver failure rate   Flat tempered glass 4mm     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall metric screws     External screw   Stainless steel   Tilt   Rotation on bracket     Colour   Polyester powder coated   Wiring   Wate	50 / 60
Shield type Flat tempered glass 4mm Overvoltage protection DM   Optic Polished quartz and metallized PC HT reflector Control System Control System   Gasket Anti-aging silicone INSTALLATION AND MAINTENANCE   Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall metallized   External screw Stainless steel Tilt Rotation on bracket   Colour Polyester powder coated Wiring Wate	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 metallized       External screw     Stainless steel     Tilt     Rotation on bracket       Colour     Polyester powder coated     Wiring     Wate	0.000h Tq25°C
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 metallized       External screw     Stainless steel     Tilt     Rotation on bracket       Colour     Polyester powder coated     Wiring     Wate	5 kV / CM 10 kV
Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall metric   External screw Stainless steel Tilt Rotation on bracket   Colour Polyester powder coated Wiring Wate	DALI
External screw Stainless steel Tilt Rotation on bracket   Colour Polyester powder coated Wiring Wate	-
Colour Polyester powder coated Wiring Wate	unting - Ground mouting
	rtight connector
	Bracket
Classification - Light souce replaceability	By professional
Device with reduced surface temperature No Controlgear replaceability	By professional
DIN 18032-3 certification Available Driver Box	Built-in
IPEA - Maximum surface exposed to the wind	0,170 m2
Insulation class II	-
IP degree IP66	-
Mechanical resistance IK08	-
Glow Wire Test -	-

#### DIMENSIONAL



#### PHOTOMETRIC DISTRIBUTION



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<b>TECHNICA</b>	L SYMB	OLOGY
	<b>E</b> YEARS WARRANTY	

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**IP** IP66 IK

IK08

GWT

### STANDARDS/APPROVALS



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