#### **Product Data Sheet**

## **GWP2183LB**

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.

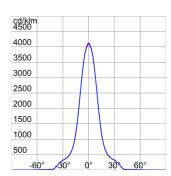
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 2. 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         G-6 - ULOR = Down power           Application         Indoor / Outdoor         Lumen output (Im)         174           Unique digital code (Datamatrix)         Currently not present         Efficacy (Im/W)         1           Colour         Graphite grey         Colour temperature         3000           Type of light source         LED         Colour temperature         3000           System power         165 W         Standard Deviation Colour Matching         SDCM=           Weight (kg)         15.7         Standard Deviation Colour Matching         SDCM=           Weight (kg)         5.7         Standard Deviation Colour Matching         SDCM= </th <th>GENERAL INFORMATION</th> <th>-</th> <th>OPTIC AND ILLUMINATING FEAT</th> <th>TURES -</th>	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEAT	TURES -
Application	Context	Sport, Big Areas	Optic	C2 - Circular 25°
Unique digital code (Datamatrix)	Luminaire L		Unified Glare Rating	G*6 - ULOR = 0
Colour	Application	Indoor / Outdoor	Lumen output (lm)	17400
Type of light source	Unique digital code (Datamatrix)	Currently not present		105
System power	Colour	Graphite grey	Colour temperature	3000 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 6277; EN132  Warranty 5 years Stocking temperature 5.90 youtage 220 - 240 Operating temperature -30 + 50 °C Rated frequency (Hz) 50 / Driver failure rate F10 = 100.000h Tq25 Shield type Delished quartz and metallized PC HT reflector Saket Anti-aging silicone Locking Hook Hexagonal metric screws External screw Stainless steel Colour Polyster powder coated STANDARDS AND APPROVALS - IT it Rotation on bracket with integrat STANDARDS AND APPROVALS - It ight souce replaceability By profession Device with reduced surface temperature Yes Controlgear replaceability By profession DIN 18032-3 certification Yes Insulation class III P degree IP66  Wernanty Standard EN60598-1; EN60598-2-24; IEC 6277; EN60598-2-24; IEC 6277; EN60598-2-24; IEC 6277; EN60598-2-4; IEC 6277; EN60598-2-24; IEC 6277; IEC 6277; EN60598-2-24; IEC 6277; IEC 6277; IEC 6277; EN60598-2-24; IEC 6277; IEC 6277; EN60598-2-24; IEC 6277; IEC 6277; IEC 6277; EN60598-2-5; EN60598-2-24; IEC 6277; IEC 6277; IEC 6277; IEC 6277; EN60598-2-24; IEC 6277; IEC 6277	Type of light source	LED	Colour Rendering Index	CRI>80
Weight (kg)   Standard   EN60598-1; EN60598-2-5; EN60598-2-24; IEC 6277   IEC 62471; EN132	System power	165 W	Standard Deviation Colour Matchin	g SDCM = 3
Warranty 5 years Stocking temperature 6 - Supply voltage 220 - 24C Operating temperature - 30 + 50 °C Rated frequency (Hz) 50 // MATERIALS - Driver Included Surface temperature Polyester powder coated STANDARDS AND APPROVALS - STANDARDS - STANDAR			Photobiological Risk Class	-
Stocking temperature - Supply voltage 220 - 240 Operating temperature -30 + 50 °C Rated frequency (Hz) 50 /  MATERIALS - Driver Sulturninum- Body Die-cast aluminium- Optic Polished quartz and metallized PC HT reflector  Gasket Anti-aging silicone Locking Hook Hexagonal metric screws Stainless steel Colour Polyseter powder coated STANDARDS AND APPROVALS - Fixing Station Device with reduced surface temperature Polyseter powder with reduced surface temperature Polyseter powder STANDARDS and Station Polyseter Station Polyseter Polyset	Weight (kg)	5.7	Standard EN	60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201
Operating temperature  Anti-aging silicone  External screw  Colour  Polyster  Polyster powder coated  STANDARDS AND APPROVALS  Classification  Classification  Classification  Classification  Device in a control system  Polyster powder coated  STANDARDS AND APPROVALS  Classification  Device in a control system  Polyster powder coated  STANDARDS and approvation  Classification  Device with reduced surface temperature  Polyster powder coated  STANDARDS and approvation  Diver flaiture rate  Overvoltage protection  Control System  Overvoltage protection  Control System  Mounting and installation  Multing and installation  High-mast lighting - Wall mounting - Ground Mounting and installation  Multing and installation  Multing and installation  Wirring  Watertight connect Strain System  Wirring  Watertight connect Strain System  Wirring  Watertight connect Strain System  Watertight connect System  Mounting and installation  High-mast lighting - Wall mounting - Grounding System  Watertight connect	Warranty	5 years	ELETRICAL AND LIGHTING FEATURES -	
MATERIALS  Driver   Driver   Driver   Driver   Driver    Driver failure rate   Driver failure rate   Driver failure rate   Driver failure rate    Driver failure rate   Driver failure rate   Driver failure rate    Driver failure rate   Driver failure rate    Driver failure rate   Driver failure rate    Driver failure rate   Driver failure rate    Driver failure rate   Driver failure rate    Driver failure rate   Driver failure rate    Driver failure rate   Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver failure rate    Driver South overvoltage protection    Driver System    Driver South Driver Maximum surface exposed to the wind    Driver Box    Dr	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 Faternal screw Stainless steel Clour Polyseter powder coated STANDARDS AND APPROVALS - Fixing Strict With reduced surface temperature Polyce with reduced surface temperature Polyce with reduced surface temperature Polyce P	Operating temperature	-30 +50 °C	Rated frequency (Hz)	50 / 60
Shield type Flat tempered glass 4mm Overvoltage protection DM 6 kV / CM 10 Optic Polished quartz and metallized PC HT reflector  Gasket Anti-aging silicone Locking Hook Hexagonal metric screws External screw Stainless steel Colour Polyester powder coated STANDARDS AND APPROVALS Fixing Stainless Steel Classification Polyester powder coated with reduced surface temperature Polyester Stainless Steel Classification Polyester powder Coated STANDARDS AND APPROVALS Fixing Stainless Steel Classification Polyester Stainless Steel Classification Polyester Stainless Steel Classification Polyester Stainless Steel Stainless	MATERIALS	-	Driver	Included
Optic     Polished quartz and metallized PC HT reflector     Control System     DA       Gasket     Anti-aging silicone     INSTALLATION AND MAINTENANCE       Locking Hook     Hexagonal metric screws     Mounting and installation     High-mast lighting - Wall mounting - Grout mouting and installation       External screw     Stainless steel     Tilt     Rotation on bracket with integrat goniometric screws.       Colour     Polyester powder coated     Wiring     Rotation on bracket with integrat goniometric screws.       STANDARDS AND APPROVALS     Fixing     Brack       Classification     -     Light souce replaceability     By profession       Device with reduced surface temperature     Yes     Control gear replaceability     By profession       DIN 18032-3 certification     Yes     Driver Box     Built       IPEA     -     Maximum surface exposed to the wind     0,085 r       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 screw Stainless steel Colour Polyester powder coated Classification STANDARDS AND APPROVALS Fixing Store High reduced surface temperature Period with reduced surface temperature Period Stainless Steel Classification Steel Polyester Powder Coated Stainless Steel Classification Steel Stainless Steel Classification Steel Stainless Steel Classification Steel Stainless Steel Steel Stainless Stainl	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 - Ground mouting and installation       External screw     Stainless steel     Tilt     Rotation on bracket with integrated goniomer and proposed goniomer.       Colour     Polyester powder coated     Wiring     Watertight connect goniomer.       STANDARDS AND APPROVALS     -     Fixing     Brack       Classification     -     Light souce replaceability     By profession goniomer.       Device with reduced surface temperature     Yes     Controlgear replaceability     By profession goniomer.       DIN 18032-3 certification     Yes     Driver Box     Built goniomer.       IPEA     -     Maximum surface exposed to the wind     0,085 r.       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 - Ground mouting and installation       External screw     Stainless steel     Tilt     Rotation on bracket with integrated goniomer and proposed goniomer.       Colour     Polyester powder coated     Wiring     Watertight connect goniomer.       STANDARDS AND APPROVALS     -     Fixing     Brack       Classification     -     Light souce replaceability     By profession goniomer.       Device with reduced surface temperature     Yes     Controlgear replaceability     By profession goniomer.       DIN 18032-3 certification     Yes     Driver Box     Built goniomer.       IPEA     -     Maximum surface exposed to the wind     0,085 r.       Insulation class     II       IP degree     IP66       Mechanical resistance     IK08	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENAL	NCE -
External screw  Stainless steel Colour Polyester powder coated STANDARDS AND APPROVALS Classification Colour STANDARDS AND APPROVALS Classification Classifi			Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
STANDARDS AND APPROVALS  - Fixing  - Light souce replaceability  Device with reduced surface temperature  DIN 18032-3 certification  Yes  Driver Box  Driver Box  Built  IPEA  - Maximum surface exposed to the wind  O,085 r  Insulation class  II  IP degree  IP66  Mechanical resistance	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 r Insulation class II IPGe IPGE IPGE IPGE IPGE IPGE IPGE IPGE IRGONAL I	Colour	Polyester powder coated	Wiring	Watertight connector
Device with reduced surface temperature  Per S	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 r Insulation class III IP degree IP66 - Mechanical resistance IK08	Classification	-	Light souce replaceability	By professional
DIN 18032-3 certification  IPEA  - Maximum surface exposed to the wind  O,085 r  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		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		-
	Glow Wire Test	-		-

#### **DIMENSIONAL**

# 220 98 98 98 98 98 98

#### PHOTOMETRIC DISTRIBUTION



# **Product Data Sheet GWP2183LB**

SMART [PRO] 2.0

# **TECHNICAL SYMBOLOGY**













ΙP IP66 ΙK

IK08

**GWT** 

### STANDARDS/APPROVALS





