# Product Data Sheet GWP2183AB

SMART [PRO] 2.0



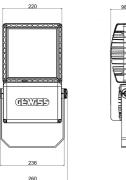
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

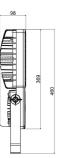
EN AB 46100, with integrated passive heat sink, powder coated polyester with trivalent passivation. Metal core PCB with CSP LED.

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.

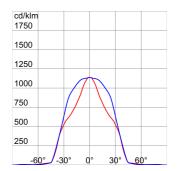
Context   Sport, Big Areas   Optic   S1 - Symmetric Wide     Luminaire   LED luminaire with small,mid and high lumer   Diffed Glare Rating   G*6 - ULOR = 0     Application   Indoor / Outdoor   Lumen output (im)   17000     Unique digital code (Datamatrix)   Currently not present   Efficacy   103     Colour   Graphite grey   Colour temperature   3000 K     System power   LED   Colour temperature   3000 K     System power   L90810(Tq25*C)=50.000h; L80810   Photobiological Risk Class   -     Weight (kg)   5.7   Standard Deviation Colour Matching   SDCH = 3     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     Marranty   Die-cast aluminium   Driver failure rate   F10 = 00.000h 725*C   Shield type   F1at tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished quartz and metalized PC HT   Control System   DAI   DAI     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -   Included     Colour   P	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATU	JRES -
power     org       Application     Indoor / Outdoor     Lumen output (Im)     1700       Unique digital code (Datamatrix)     Currently not present     Efficacy (Im/W)     103       Colour     Graphite grey     Colour temperature     3000 K       System power     165 W     Standard Deviation Colour Matching     SDCN = 3       LED Lifetime     L90B10(Tq25*C)=50.000h; L80B10 (Tq25*C)=100.000h     Photobiological Risk Class     SDCN = 3       Weight (kg)     5.7     Standard Deviation Colour Matching     SDCN = 3       Varranty     5 years     ELETRICAL AND LIGHTING FEATURES     -       Operating temperature     -30450 °C     Rated frequency (Hz)     50 / 60       Marranty     5 users     Driver failure rate     F10 = 100.000n Tq25*C       Stocking temperature     -30450 °C     Rated frequency (Hz)     50 / 60       May     Dile-cast aluminium -     Driver failure rate     F10 = 100.0000 rd25*C       Shield type     F1at tempered glass 4mm     Overvoltage protection     DM 6 kV / CM 10 kV       Optic     Polished quartz and metaliczed PC HT     Control System     DALI	Context	Sport, Big Areas	Optic	S1 - Symmetric Wide
Application   Indoor / Outdoor   Lume output (Im)   17000     Unique digital code (Datamatrix)   Currently not present   Efficacy   103     Colour   Graphite grey   Colour Rendering Index   CRI>80     Type of light source   LED   Colour Rendering Index   CRI>80     System power   165 W   Standard Deviation Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25°C)=50.0000; L80B10   Photobiological Risk Class   -     Waranty   5 years   Standard Deviation Colour Matching   SDCM = 3     Stocking temperature   -   Supply voltage   202-240 V     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver failure rate   F10 = 100.000h Tq25°C     Stocking temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver failure rate   F10 = 100.000h Tq25°C     Stocking temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     Optic   Polished quartz and metalized PC HT   Overvoltage protection   DM & KV / CM 10 KV     Optic   Polished quartz and metalines screws	Luminaire L	ED luminaire with small, mid and high lumen	Unified Glare Rating	G*6 - ULOR = 0
Unique digital code (Datamatrix)   Currently not present   Effective   103     Origination   Graphite grey   Colour   Colour Rendering Index   CRI>80     System power   165 W   Standard Deviation Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25*C)=50.000h; L80B10   Photobiological Risk Class   -     Weight (kg)   5.7   Standard Deviation Colour Matching   SDCM = 3     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Operating tremperature   -30 + 50 °C   Supply voltage   220 - 240 V     Operating tremperature   -30 + 50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   Driver failure rate   F10 = 100.000h Tq25*C   50 / 60     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq25*C     Shield type   Polished quartz and metalized PC HT reflection   DM & kV / CM 10 kV   Colour Bystem   DALI     Gasket   Anti-aging silicone   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting   Stronder Mounting - Ground mouting   Ground mouting - Ground mouting   Ground mouting - G		power		
Colour     Graphite grey     Colour temperature     3000 K       Type of light source     LED     Colour Rendering Index     CRI>60       System power     165 W     Stadard Deviation Colour Matching     SDCM = 3       LED Lifetime     L90B10(Tq25*C)=50.000h; L80B10     Photobiological Risk Class     -       Weight (kg)     5.7     Standard Deviation Colour Matching     SDCM = 3       Warranty     5 years     Standard Eviation Colour Matching     SDCM = 3       Stocking temperature     -30 + 50 °C     Rated frequency (Hz)     50 / 60       MaTERIALS     Driver     Supply voltage     220 - 240 V       Operating temperature     -30 + 50 °C     Rated frequency (Hz)     50 / 60       Body     Die-cast aluminium -     Driver failure rate     F10 = 100.000h Tq25*C       Stainless steel     Control System     DALI     Gasket     Anti-aging silicone       Locking Hook     Hexagonal metric screw     Stainless steel     Tit     Rotation on bracket with integrated gonited coated       Colour     Polyester powder coated     Wring     Waitight connector     Standege capity     Backet	Application	Indoor / Outdoor	Lumen output (Im)	17000
Type of light sourceLEDColour Rendering IndexCRI>80System power165 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=110.000hPhotobiological Risk ClassSDCM = 3Weight (kg)5.7Standard Deviation Colour MatchingSDCM = 3Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-30 + 50 °CRated frequency (Hz)50 / 60MATERIALSDriver failure rateF10 = 100.000 rt q25°C50 / 60BodyDie-cast aluminiumDriver failure rateF10 = 100.000 rt q25°CGasketAnti-aging siliconeMounting and installationHigh-mast lighting - Wall mounting - Ground mountingMounting and installationColourPolyester powder coatedWiringWatertight connectorGround and the corne of the connectorColourPolyester powder coatedWiringWiringBracketClassification-Light souce replaceabilityBy professionalDiver genceYeeFixingBracketClassification-Light souce replaceabilityBy professionalDiver genceYeeFixingBracketClassification-Light souce replaceabilityBy professionalDiver genceYeeFixingBracketClassification-Light souce replaceabilityBy professionalDiver genceYeeFixingBirde connectorGasket-Maximum surface exposed	Unique digital code (Datamatrix)	Currently not present		103
System power 165 W Standard Deviation Colour Matching SDCM = 3   LED Lifetime L90B10(Tq25°C)=50.00h), L80B10 (Tq25°C)=10.00h Photobiological Risk Class -   Weight (kg) 5.7 Standard Deviation Colour Matching SDCM = 3   Warranty 5.7 Standard Deviation Colour Matching SDCM = 3   Warranty 5 years ELETRICAL AND LIGHTING FEATURES -   Stocking temperature -30 +50 °C Rated frequency (Hz) 50 / 60   Operating temperature -30 +50 °C Rated frequency (Hz) 50 / 60   MATERIALS Die-cast aluminium- Driver faure rate F10 = 100.000h Tq25°C   Shield type Polished quartz and metallized PC HT Control System DALI   Optic Polished quartz and metallized PC HT INSTALLATION AND MAINTENANCE -   Gasket Anti-aging silicone INSTALLATION AND MAINTENANCE -   Colour Polyester powder coated Wiring Warting - Waterlight connector goniometer   Colour Polyester powder coated Wiring By professional   DIN 18032-3 certification - Light souce replaceability By professional   Diver Boat Oriver Boat Oriver Boat Built in   PerA - Maximum surface	Colour	Graphite grey	Colour temperature	3000 K
LÉD Lifetime   L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=110.000h   Photobiological Risk Class   -     Weight (kg)   5.7   Standard   EN60598-2-5; EN60598-2-24; IEC 62778; IEC 62471; EN13201     Warranty   5 years   Studit requency (Hz)   50 / 60     Stocking temperature   - 30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver failure rate   F10 = 100.000h Tq25°C     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished quartz and metallized PC HT   Control System   DALI     Colour   Polyester powder coated   Mining and installation   High-mast lighting - Wall mounting - Ground mouting     Stanlards certification   -   Fixing   Bracket   Stanless steel     Colour   Polyester powder coated   Wiring   Watertight connector     Stanlass   -   External screw   Stailess steel   Fixing   Bracket     Colour   Polyester powder coated   Wiring   Watertight connector   Maximum surface exposed to the wind   0,005 m2     DIN 18032-3 certification   -   Eith source replaceability   By professional   Dri	Type of light source	LED	Colour Rendering Index	CRI>80
Weight (kg)   5.7   Standard   EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC 62778; IEC 62771; EN13201     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -   Supply voltage   220 - 240 V     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver   Included     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq25°C     Optic   Polished quartz and metallized PC HT   reflector   Control System   DALI     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -   -     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting   -     Colour   Polyester powder coated   Wring   Watertight connector word goniometer   -     Classification   -   Light souce replaceability   By professional   -     Device with reduced surface temperature   Yes   Driver Box   Built-in     PEA   -   Maximum surface exposed to the wind   0,085 m2     Insulation class   II <td< td=""><td>System power</td><td>165 W</td><td>Standard Deviation Colour Matching</td><td>SDCM = 3</td></td<>	System power	165 W	Standard Deviation Colour Matching	SDCM = 3
Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Warranty   5 years   Supply voltage   220 - 240 · V     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver   Included     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000 h KV / CM 10 kV     Optic   Polished quartz and metallized PC HT   Control System   DALI     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting     Stahled Suffication   -   Fixing   Barcket   -     Colour   Polyester powder coated   Wiring   Watertight conno bracket with integrated gonionmeter     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   Yes   Driver Sox   Builty souce sposed to the wind   0,085 m2     IN 18032-3 certification   Yes   Driver Sox   Builty souce and the wind with source and with wind and and and and and and and and and a	LED Lifetime		Photobiological Risk Class	-
Stocking temperature   -   Supply voltage   220 - 240 V     Operating temperature   -30 + 50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   Driver   Included   Body   Included     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000 h rg25°C   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished quartz and metallized PC HT   Control System   DALI   DALI     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -   -     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground goniometer   -     Colour   Polyester powder coated   Wring   Watertight connector   Goniometer     Stainless steel   Fixing   Fixing   By professional   Device replaceability   By professional     Device with reduced surface temperature   Yes   Orter Box   Built-in   -     Insulation class   II   Maximum surface exposed to the wind   0,085 m2   -     Ip degree   IP66   -   -   -   -	Weight (kg)	5.7	Standard EN60	
Operating temperature-30 +50 °CRate frequency (Hz)50 / 60MATERIALS-DriverIncludedBodyDie-cast aluminium -Driver failure rateF10 = 100.000 h Tq 25 °CShield typeFlat tempered glass 4mmOvervoltage protectionDM 6 kV / CM 10 kVOpticPolished quartz and metallized PC HTControl SystemDM 6 kV / CM 10 kVGasketAnti-aging siliconeINSTALLATION AND MAINTENANCE-Locking HookHexagonal metric screwsMounting and installationHigh-mast lighting - Wall mounting - Ground moutingColourPolyester powder coatedWiringWatertight connectorStainless steelFixingBracketClassification-Light souce replaceabilityBy professionalDevice with reduced surface temperatureYesDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind0,085 m2Insulation classIIInsulationMaximum surface exposed to the wind0,085 m2IP degreeIP66Wechanical resistanceIK08	Warranty	5 years	ELETRICAL AND LIGHTING FEAT	URES -
MATERIALS   -   Driver   Included     Body   Die-cast aluminium -   Driver failure rate   F10 = 100.000h Tq25°C     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished quartz and metallized PC HT   Control System   DALI     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting     External screw   Stainless steel   Tilt   Rotation on bracket with integrated goniometer     Colour   Polyester powder coated   Wiring   Watertight connector     STANDARDS AND APPROVALS   -   Fixing   Bracket     Device with reduced surface temperature   Yes   Control gear replaceability   By professional     DIN 18032-3 certification   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,085 m2     IP degree   IP66   -   -     Mechanical resistance   IK08   -   -	Stocking temperature	-	Supply voltage	220 - 240 V
Body   Die-cast aluminium -   Driver failure rate   F10 = 100.00h Tq25°C     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished quartz and metallized PC HT reflector   Control System   DALI     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting     External screw   Stainless steel   Tilt   Rotation on bracket with integrated goniometer     Colour   Polyester powder coated   Wiring   Watertight connector     Stainless steel   Fixing   By professional     Device with reduced surface temperature   Yes   Control gear replaceability   By professional     IPEA   -   Maximum surface exposed to the wind   0,085 m2     Insulation class   II   -   -     IP degree   IP66   -   -	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   Control System   DALI     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting     External screw   Stainless steel   Tilt   Rotation on bracket with integrated goniometer     Colour   Polyester powder coated   Wiring   Watertight connector     Stainless steel   Fixing   Bracket     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,085 m2     IP degree   IP66   -   -     Mechanical resistance   IK08   -   -	MATERIALS	-	Driver	Included
Optic   Polished quartz and metallized PC HT reflector   Control System   DALI     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting     External screw   Stainless steel   Tilt   Rotation on bracket with integrated goniometer     Colour   Polyester powder coated   Wiring   Watertight connector     STANDARDS AND APPROVALS   -   External screw   External screw     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,085 m2     IP degree   IP66   -   -     Mechanical resistance   IK08   -   -	Body	Die-cast aluminium -	Driver failure rate	F10 = 100.000h Tq25°C
reflector     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting     External screw   Stainless steel   Tilt   Rotation on bracket with integrated goniometer     Colour   Polyester powder coated   Wiring   Watertight connector     STANDARDS AND APPROVALS   -   Light souce replaceability   By professional     Device with reduced surface temperature   Yes   Controlgear replaceability   By professional     DIN 18032-3 certification   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,085 m2     Insulation class   II   -   -     IP degree   IP66   -   -     Mechanical resistance   IK08   -   -	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     External screw   Stainless steel   Tilt   Rotation on bracket with integrated goniometer     Colour   Polyester powder coated   Wiring   Watertight connector     STANDARDS AND APPROVALS   -   Fixing   Bracket     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   Yes   Controlgear replaceability   By professional     IPEA   -   Maximum surface exposed to the wind   0,085 m2     Insulation class   II   -   -     IP degree   IP66   -   -     Mechanical resistance   IK08   -   -	Optic		Control System	DALI
External screw   Stainless steel   Tilt   Rotation on bracket with integrated goniometer goniometer     Colour   Polyester powder coated   Wiring   Watertight connector     STANDARDS AND APPROVALS   -   Fixing   Bracket     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   Yes   Controlgear replaceability   By professional     DIN 18032-3 certification   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,085 m2     Insulation class   II   -   -     IP degree   IP66   -   -     Mechanical resistance   IK08   -   -	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENAN	CE -
goniometer       Colour     Polyester powder coated     Wiring     Watertight connector       STANDARDS AND APPROVALS     -     Fixing     Bracket       Classification     -     Light souce replaceability     By professional       Device with reduced surface temperature     Yes     Controlgear replaceability     By professional       DIN 18032-3 certification     Yes     Driver Box     Built-in       IPEA     -     Maximum surface exposed to the wind     0,085 m2       Insulation class     II     -     -       Mechanical resistance     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   Yes   Controlgear replaceability   By professional     DIN 18032-3 certification   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,085 m2     Insulation class   II   -   -     IP degree   IP66   -   -     Mechanical resistance   IK08   -   -	External screw	Stainless steel	Tilt	
Classification - Light souce replaceability By professional   Device with reduced surface temperature Yes Controlgear replaceability By professional   DIN 18032-3 certification Yes Driver Box Built-in   IPEA - Maximum surface exposed to the wind 0,085 m2   Insulation class II - -   IP degree IP66 -   Mechanical resistance IK08 -	Colour	Polyester powder coated	Wiring	Watertight connector
Device with reduced surface temperature Yes Controlgear replaceability By professional   DIN 18032-3 certification Yes Driver Box Built-in   IPEA - Maximum surface exposed to the wind 0,085 m2   Insulation class II - -   IP degree IP66 - -   Mechanical resistance IK08 - -	STANDARDS AND APPROVALS	-	Fixing	Bracket
DIN 18032-3 certification Yes Driver Box Built-in   IPEA - Maximum surface exposed to the wind 0,085 m2   Insulation class II -   IP degree IP66 -   Mechanical resistance IK08 -	Classification	-	Light souce replaceability	By professional
IPEA - Maximum surface exposed to the wind 0,085 m2   Insulation class II -   IP degree IP66 -   Mechanical resistance IK08 -	Device with reduced surface temperat	ure Yes	Controlgear replaceability	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 wir	nd 0,085 m2
Mechanical resistance IK08 -	Insulation class			-
	IP degree	IP66		-
Glow Wire Test	Mechanical resistance	IK08		-
	Glow Wire Test	-		

## DIMENSIONAL





#### PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 20/04/2023. They can be changed at any moment, therefore it is always ecommended to read the last updated version published on the website www.gewiss.com.Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at https://www.gewiss.com/it/en/company/landingpage/led-warranty. - 1 of 2

# **Product Data Sheet GWP2183AB**

SMART [PRO] 2.0







0,085 m2

IP66

IK

IK08

IP

GWT -

## STANDARDS/APPROVALS

