# Product Data Sheet GWP2184AB

SMART [PRO] 2.0



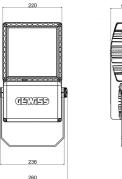
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

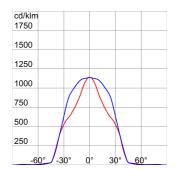
ContextSport, Big Areas powerOpticS1 - Symmetric Wide G*6 - ULCR = 0ApplicationLeD luminaire with small,mid and high lume powerUnifed Glare RatingG*6 - ULCR = 0ApplicationIndoor / OutdoorLume output (Im)18300Unique digital code (Datamatrix)Currently not present (ImW)Efficacy (ImW)111ColourGraphite grey (IndW)Colour temperature4000 KSystem power165 WStandard Deviation Colour MatchingSDCH = 3LED LifetimeL90810(Tq25*C)=50.000h; L80810 (Tq25*C)=10.000hPhotobiological Risk Class-Weight (kg)5.7Standard Deviation Colour Matching (Tq25*C)=10.000h220 - 240 VWarranty5 years Stocking temperature-Supply voltage (Partic faiture rate-OpticPolished quartz and metalized PCH reflectorOriver faiture rateF10 = 100.000h Tq25*C-Shield typeFlat tempered glass 4mm reflectorOvervoltage protectionDM 6 kV / CM 10 kV-OpticPolished quartz and metalized PCH reflectorINSTALLATION AND MAINTENANCEColourPolyester powder coatedWiningWiningWarlagtingBy professionalDevide with reduced surface temperature-FixingColourPolyester powder coatedWiningWarlagtingBy professionalDive duarta-FixingColourPolyester powder coatedWiningWiningWarlagting<	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEAT	URES -
powerpowerdescriptionUnique digital code (Datamatrix)Currently not presentEfficacy111ColourGraphite greyColour temperature4000 KType of light sourceLEDColour temperature4000 KSystem power165 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25*C)=50.000h; L80B10 (Tq25*C)=10.000hPhotobiological Risk Class-Weight (kg)5.7Standard Deviation Colour MatchingSDCM = 3Varranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-30 + 50 °CRated frequency (Hz)50 / 60Operating temperature-30 + 50 °CRated frequency (Hz)50 / 60Shield typeFlat tempered glass 4mmOvervoltage protectionDM 6 kV / CM 10 kVOpticPolished quartz and metallized PC HT reflectorFilat Standard Stalless steelItilColourPolyester powder coatedWiringWaterlight connector mounting - Ground mounting - Ground mo	Context	Sport, Big Areas	Optic	S1 - Symmetric Wide
Application   Indoor / Outdoor   Lumen output (Im)   18300     Unique digital code (Datamatrix)   Currently not present   Efficacy   111     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)=50.000h; L80B10   Photobiological Risk Class   -     Warantly   5 years   Standard Deviation Colour Matching   S2CT78; IEC62778; IEC62778; IEC62778; IEC62778; IEC62778; Supply voltage   220 - 240 V     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERALS   -   Driver failure rate   F10 = 100.000h Tq25°C     Stocking temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERALS   -   Driver failure rate   F10 = 100.000h Tq25°C   50 / 60     Stocking temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60   -     Goldy   Die-cast aluminium-   Driver failure rate   F10 = 100.000h Tq25°C   -     Gasket   Anti-aging silicone   C	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 function   111     Colour   Graphite grey   Colour Rendering index   CRI>60     System power   165 W   Standard Devisition Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25*C)=50.000h; L80B10   Photobiological Risk Class   -     Weight (kg)   5.7   Standard Devisition Colour Matching   SDCM = 3     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Operating tremperature   -30 + 50 °C   Standard Devisition Colour Matching   SDCM = 3     Operating tremperature   -30 + 50 °C   Standard Devisition Colour Matching   SDCM = 3     Operating tremperature   -30 + 50 °C   Standard Devisition Colour Matching   SDCM = 3     Operating tremperature   -30 + 50 °C   Standard Devisition Colour Matching   SDCM = 3     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq25*C   Standard Devisition Colour Matching   SDCM = 3     Gasket   Anti-aging silicone   Mounting and installation   Mounting - Ground mouting and installation   High-mast lighting - Wall mounting - Ground mouting - Ground mouti		power		
Colour     Graphite grey     Colour temperature     4000 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       Shield type     Flat tempered glass 4mm     Overotidage protection     DM kV / CM 10 kV       Optic     Polished quarz and metalilized PC HT     reflector     -       Gasket     Anti-aging silicone     Mounting and installation     Might metric screw       Colour     Polyester powder coatel     Wiring     Wateri	Application	Indoor / Outdoor	Lumen output (Im)	18300
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)=50.000h; L80B10   Photobiological Risk Class   -     Waranty   5.7   Standard Deviation Colour Matching   SDCM = 3     Waranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Varanty   5 years   Supply voltage   220 - 240 V     Operating temperature   -30 + 50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   Driver failure rate   F10 = 100.000h Tq25°C   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished quartz and metallized PC HT   reflector   -   -   -     Colour   Polyster powder coated   INSTALLATION AND MAINTENANCE   -   -     Colour   Polyster powder coated   Wiring   Watertight connector   -     Colour   Polyster powder coated   Wiring   Bractaket   -     Colour   Polyster powder coated   Wiring   Watertight connector   -     Colour   Polyster powder coated   Wiring   Brackete	Unique digital code (Datamatrix)	Currently not present		111
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   MATERIALS Die-cast aluminium Driver falure rate F10 = 100.000h Tq25°C   Shield type Flat tempered glass Arm Overvortage protection DM 6 kV / CM 10 kV   Optic Polished quartz and metallized PC HT INSTALLATION AND MAINTENANCE -   Gasket Anti-aging silicone INSTALLATION AND MAINTENANCE -   Colour Polyester powder coated Wiring Warteright connector -   Colour Polyester powder coated Wiring Warteright connector -   Colour Polyester powder coated Wiring By professional -   DIN 18032-3 certification - Light souce replaceability By professional   Diver Bow Pres Ortrolgear replaceability By professional   Dive Bow	Colour	Graphite grey	Colour temperature	4000 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; IEC62471; EN13201     Warranty   5 years   Supply voltage   220 - 240 V     Stocking temperature   -   Supply voltage   220 - 240 V     Operating 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   Rated frequency (Hz)   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting     Colour   Polyester powder coated   Wiring   Watertlight connector     Stanlass steel   Fixing   Bracket   Bracket     Colour   Polyester powder coated   Wiring   Watertlight connector     Stanlass steel   Fixing   Bracket   Bracket     Divie with reduced surface temperature   Yes   Driver Rox   Built-in     Divie with reduced su	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; IEC62471; 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 aluminum   Driver failure rate   F10 = 100.000h Tq25°C     Optic   Polished quartz and metallized PC HT reflector   Control System   DALI     Casket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground motility optimed with integrated goniometer   -     Colour   Polyester powder coated   Wiring   Watertight connector   -     Stankass   -   Light souce replaceability   By professional   Built-in     Device with reduced surface temperature   Yes   Driver Box   Built-in   -     Closur   Polyester powder coated   Wiring   Watertight connector   Built-in     Device with reduced sur	System power	165 W	Standard Deviation Colour Matching	SDCM = 3
Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver   Included     Body   Die-cast aluminium   Driver allule 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 mounting     Stankards   Polyester powder coated   Wiring   Watertight connector gover solar allow of the representition on bracket with integrated gover solar allow of the representition on bracket with integrated gover solar allow of the representition on bracket with integrated gover solar allow of the representition on bracket with integrated gover solar allow of the representition on bracket with integrated gover solar allow of the representition on bracket with integrated gover solar allow of the representition on bracket with integrated gover solar allow of the representition on bracket with integrated gover solar allow of the representition on bracket with integrated gover solar allow of the representition on bracket with integrated gover solar allow of the representition on bracket with integrates allow of the represolar allow of the	LED Lifetime		Photobiological Risk Class	-
Stocking temperature   -   Supply voltage   220 - 240 V     Operating temperature   -30 + 50 ° C   Rated frequency (Hz)   50 / 60     MATERIALS   Driver   Stocking temperature   50 / 60     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000 h rg25°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 goniometer     Colour   Polyester powder coated   Wring   Watertight connector     Stainless steel   Tilt   Rotation on bracket with integrated goniometer     Colour   Polyester powder coated   Wring   Watertight connector     Stainless 2.3 certification   -   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     Insulat	Weight (kg)	5.7	Standard EN6	
Operating temperature-30 +50 °CRate frequency (Hz)50 / 60MATERIALS-DriverIncludedBodyDie-cast aluminium -Driver failure rateF10 = 100.000 h Tq25°CShield typeFlat tempered glass 4mmOvervoltage protectionDM 6 kV / CM 10 kVOpticPolished quartz and metallized PC HTControl SystemDALIGasketAnti-aging siliconeINSTALLATION AND MAINTENANCE-Locking HookHexagonal metric screwsMounting and installationHigh-mast lighting - Wall mounting - Ground mouting-ColourPolyester powder coatedWiringRotation on bracket with integrated goniometerStainless steelTiltBracketClassification-Light souce replaceabilityBy professionalBy professionalDevice with reduced surface temperatureYesDriver BoxBuilt-in-IPEA-Maximum surface exposed to the wind0,085 m2-Insulation classIIMaximum surface exposed to the wind0,085 m2-IP degreeIP66Mechanical 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 - Gound 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     Insulation class   II   -   -   Maximum surface exposed to the wind   0,085 m2     IPegree   IP66   -   -   -   -	Stocking temperature		Supply voltage	220 - 240 V
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   Wring   Watertight connector     Stainless steel   Fixing   By professional     Device with reduced surface temperature   Yes   Control gear 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   -   -	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   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   -   -	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   -   -   -     IPegee   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	ICE -
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 w	ind 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 GWP2184AB**

SMART [PRO] 2.0







0,085 m2

IP66

IK

IK08

IP

GWT -

### STANDARDS/APPROVALS



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