# Product Data Sheet GWP2183FB

#### On request



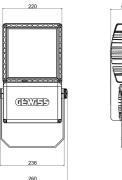
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

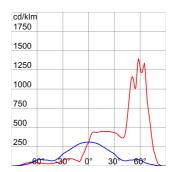
Luminaire LED luminaire with small,mid and high lumen power Unified Glare Rating G*3 - ULOR = 0   Application Indoor / Outdoor Lumen output (im) 14200   Odour Graphite grey Colour terms output (im) 14200   Colour Graphite grey Colour Rener output (im) 14200   System power Graphite grey Colour Rendering Index CR1+80   System power 165 W Standard Deviation Colour Matching SDCM = 3   LED Lifetime L90B10(Tq25*°)=50.0001; L80B10 (Tq25*°)=10.000h Filoabiological Risk Class -   Weight (kg) 57 Standard Deviation Colour Matching 220 - 240 V   Stocking temperature -30 + 50 °C Standard Deviation Colour Matching -   Marrenize -30 + 50 °C Standard Deviation Colour Matching -   Stocking temperature -30 + 50 °C Rated frequency (Hz) 50 / 60   Matrenize -10 - 0000 revoltage protection DM 6 kV / CM 10 kV Colour System   Optic Polished anodised aluminum reflector with 99.9% pure aluminum Installation High-mast lighting - Wall mounting - Ground munitum   Gaket Anti-aging silicone Locking Hook Hexagonal metric screws Tit Rotation on bracket with integrated goninometer   Standard Stanless steel <th>GENERAL INFORMATION</th> <th>-</th> <th colspan="3">OPTIC AND ILLUMINATING FEATURES -</th>	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES -		
Application indoor / Outdoor Lumen output (lm) 14200 Unique digital code (Datamatrix) Currently not present Type of light source (Datamatrix) Currently not present (m/W) Colour temperature 3000 K System power 165 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25'C)=50.000h; L80B10 (Tq25'C)=100.00b Weight (kg) 5.7 Standard Deviation Colour Matching SDCM = 3 LED Lifetime 190B10(Tq25'C)=50.000h; L80B10 (Tq25'C)=100.00b Weight (kg) 5.7 Standard Eviation Colour Matching SDCM = 3 Supply voltage 220-240 V Operating temperature - 30 +50 °C MATERIALS - Supply voltage 220-240 V Operating temperature - 30 +50 °C Shield type Flat tempered glass 4mm Optic Polished andised aluminum reflector with 99.99% pure Locking Hook Hexagonal metric screws Colour Polyester power coated Colour Polyester power coated Classification Polyester power coated DN 40323-3 certification Polyester power coated DN 40323-3 certification Yes IPEA	Context	Sport, Big Areas	Optic	A2 - Asymmetrical Medium	
Application   Indoor / Outdoor   Lumen output (Im)   14200     Unique digital code (Datamatrix)   Currently not present   Efficacy   86     Colour   Graphite grey   Colour Rendering Index   CRI>80     Ype of light source   LED   Colour Rendering Index   CRI>80     System power   165 W   Standard Deviation Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25C)=50.000/R.180B10   Photobiological Risk Class   -     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Vocking temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERNALS   -   Driver failure rate   F10 = 100.000 / 125°C   -     Warranty   Die-cast aluminium-   Driver failure rate   F10 = 100.000 / 125°C   -     MaterNals   -   Driver failure rate   F10 = 100.000 / 125°C   -     Stocking temperature   -   Overvortage protection   DM KV / CM 10 kV   Colour     Optic   Polished anodised aluminum reflector with 99 years   ELETRICAL AND LIGHTING FEATURES   -   -     Colour   Flat tempered glass 4mn   Overvortage protection	Luminaire	LED luminaire with small, mid and high lumen	Unified Glare Rating	G*3 - ULOR = 0	
Unique digital code (Datamatrix)   Currently not present   Efficacy   86     Colour   Graphite grey   Colour Rendering Index   CRI-80     Type of light source   LED   Colour Rendering Index   CRI-80     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=110.000h   Standard Deviation Colour Matching   SDCM = 3     Weight (kg)   5.7   Standard Deviation Colour Matching   SDCM = 3     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Operating temperature   -30 +50 °C   Standard Deviation Colour Matching   520 -240 V     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 c60   50 c60     Sheld type   Flat tempered glass 4mm   Driver failure rate   F10 = 100.000h Tq25°C - 400 V   Colour System   DALL     Optic   Polished anodised aluminum reflector with 99.99% pure aluminum   Driver failure rate   F10 = 100.000h Tq25°C - 500.000h Tq25°C   Suppli voltage   Colour System   DALL     Gasket   Anti-aging silicone aluminum   Driver failure rate   F10 = 100.000h Tq25°C - 600H   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting - Ground mounting - Ground mouting - Ground mounting and installation   High-mas					
Colour Graphite grey Colour temperature 3000 K   Colour Graphite grey 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 -   Stocking temperature -30 +50 °C Rated frequency (Hz) 50 /60   MatTERIALS - 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 anodised aluminum reflector with 99 %p pure Colour Mounting and installation High-mast lighting - Wall mounting - Ground mounting - Ground mounting - Ground mounting - Ground mounting - Clourd go protection DAL I   Colour Polyseter powder coated Wiring Wiring Wateridu connector   Standard surface temperature Yeas Fixing Bracket   Colour Polyseter powder coated Wiring Wateridu connector   Standard surface temperature Yeas Fixing	Application		Lumen output (Im)	14200	
Type of light sourceLEDColour Rendering lindexCRI-80System power165 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10Photobiological Risk Class-Wright (kg)5.7Standard Deviation Colour MatchingSDCM = 3Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-30 +50 °CRated frequency (Hz)50 / 60MATERIALS-DriverIncludedBodyDie-cast aluminiumDriver failure rateF10 = 100.000h Tq25°CQpicPolished anodised aluminum reflector with 99.99% pure aluminumOvervoltage protectionDM 6 kV / CM 10 kVColourPolyester powder coatedMouting and installationHigh-mast lighting - Wall mounting-ColourPolyester powder coatedWiringWatertight connector goniometerTiltStandard DeviaceabilityBy professional goniometerColour devint feduced surface temperatureYeasStainless steelChris Super Powder coatedWiringWatertight connector goniometer-Stainless steelControl gear replaceabilityBy professional BriverBy professional Briver-Div RageYeasStainless steelNature YeasColourPolyester powder coatedWiringWatertight connector Goniometer-Stainless steel <td>Unique digital code (Datama</td> <td>atrix) Currently not present</td> <td></td> <td>86</td>	Unique digital code (Datama	atrix) Currently not present		86	
System power 165 W Standard Deviation Colour Matching SDCM = 3   LED Lifetime L90B10(Tq25*C)=50.000h; L80B10 (Tq25*C)=101.00h hotobiological Risk Class -   Warranty 5.7 Standard Deviation Colour Matching SDCM = 3   Warranty 5 years Standard EN60598-1; EN60598-2-4; IEC 62778; I	Colour	Graphite grey	Colour temperature	3000 K	
LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=110.000h   Photobiological Risk Class   -     Weight (kg)   5.7   Standard   EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201     Warranty   5 years   Standard   ELTRICAL AND LIGHTING FEATURES   -     Stocking temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   Driver failure rate   F10 = 100.000h Tq25°C   -     Sheld type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished anodised aluminum reflector with 99.99% pure aluminum   Overvoltage protection   DM 6 kV / CM 10 kV     Colour   Polyester powder coated   Wring   Watertlight connector   -     StaNDARDS AND APPROVALS   Fixing   Bird to source replaceability   By professional     Device with reduced surface temperature   Yes   Driver Box   Built-in     Device with reduced surface temperature   Yes   Driver Box   Built-in     Mounting and installation   High-mast lighting - Walt mounting - Ground mouting   Stording     Colour   Polyester powder coated   Wring   Watertlight connector     StanDARDS AND AP	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 aluminium   Driver failure rate   F10 = 100.000h Tq25°C     Shield type   Polished anodised aluminum reflector with 99.99% pure aluminum   Overvoltage protection   DM 6 kV / CM 10 kV     Coking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting     Colour   Polyester powder coated   Wring   Watertight connector with integrated gonometer     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   Yes   Control gear replaceability   By professional     Div R8032-3 certification   Yes   Controlgear replaceability   By professional     Device with reduced surface temperature   Yes   Controlgear replaceability   By professional     Div R8032-3 certi	System power	165 W	Standard Deviation Colour Matchin	ng 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 allure rate   F10 = 100.000h TqS°C     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM & KV / CM 10 kV     Optic   Polished anodised aluminum reflector with 99.9% pure alluminum   Overvoltage protection   DM & KV / CM 10 kV     Gasket   Anti-agin silicore alluminum   INSTALLATION AND MAINTENANCE   -   -     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Grouting mouting   -     StanDARDS AND APPROVALS   -   Fixing   Barcket   By professional     Device with reduced surface temperature   Yes   Driver Replaceability   By professional     Device with reduced surface temperature   Yes   Driver Roak   Bild to -     IPEA   -   Maximum surface exposed to the wind   0,085 m2     Insulation class   II   -	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   Included     Body   Die-cast aluminium -   Driver failure rate   F10 = 100.000 h rq25° C     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished anodised aluminum reflector with 99.99% pure aluminum   Control System   DALI     Gasket   Anti-aging silicone aluminum   INSTALLATION AND MAINTENANCE   -     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mounting     Colour   Polyester powder coated   Wiring   Watertight connector     StandDAPDROVALS   -   Fixing   By professional     Device with reduced surface temperature   Yes   Control gear replaceability   By professional     INSTALLATION   Stainum surface exposed to the wind   0,085 m2   Insulation in     Polyester powder   Yes   Control gear replaceability   By professional     Device with reduced surface temperature   Yes   Driver Box	Weight (kg)	5.7	Standard EN		
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     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 kV /	Warranty	5 years	ELETRICAL AND LIGHTING FEA	TURES -	
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 anodised aluminum reflector with 99.99% pure aluminum   Overvoltage protection   DM 6 kV / CM 10 kV     Gasket   Anti-aging silicone 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   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     Insulation class   II   -   Maximum surface exposed to the wind   0,085 m2     IPedgree   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 anodised aluminum reflector with 99% pure aluminum   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 gonometer     Colour   Polyester powder coated   Wiring   Watertight connector     Stainless steel   Fixing   Barcket   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   -   -     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 anodised aluminum reflector with 99.99% pure aluminum   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     Classification   -   Light souce 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   -   -	MATERIALS	-	Driver	Included	
Optic Polished anodised aluminum reflector with 99.99% pure aluminum Control System DALI   Gasket Anti-aging silicone Locking Hook Hexagonal metric screws INSTALLATION AND MAINTENANCE -   External screw Stainless steel Tilt Rotation on bracket with integrated goniometer   Colour Polyester powder coated Wiring Watertight connector Brandation   Classification - Light souce replaceability By professional By professional   Divide with reduced surface temperature Yes Driver Box Built-in Maximum surface exposed to the wind 0,085 m2   IPEA - Maximum surface exposed to the wind 0,085 m2 -   IPedgree IP66 - -   Mechanical resistance IK08 - -	Body	Die-cast aluminium -	Driver failure rate	F10 = 100.000h Tq25°C	
aluminum     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   -   Exign and the screw of t	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   -   -     IPegree   IP66   -   -     Mechanical resistance   IK08   -   -	Optic P		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 MAINTENA	NCE -	
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 temperature 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	wind 0,085 m2	
Mechanical resistance IK08 -	Insulation class	I		-	
	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 GWP2183FB

On request







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IK08

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IP66

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### STANDARDS/APPROVALS

