## Product Data Sheet GWP2174GB

SMART [PRO] 2.0



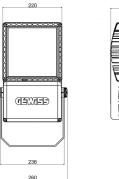
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

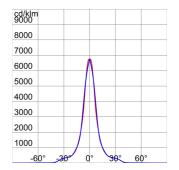
Luminaire   LED luminaire with small,mid and high lumen power   Unified Glare Rating   G°6 - ULOR = 0     Application   Indoor / Outdoor   Lumen output (Im)   20500     Unique digital code (Datamatrix)   Currently not present   Efficacy   124     Colour   Graphite grey   Colour Rendering Index   CRI>70     System power   165 W   Standard Deviation Colour Matching   SDCM = 5     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=50.000h; L80B10 (Tq25°C)=510.000h   Photobiological Risk Class   -     Warranty   5 years   Standard Entopse1; EN60598-1; EN60598-2-25; EN60598-2-24; IEC 62778; IEC62471; EN13201   -     Warranty   5 years   Standard Entopse1; EN60598-1; EN60598-2-25; EN60598-2-24; IEC 62778; IEC62471; EN13201   -     Warranty   5 years   Standard Entopse1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201   -     Warranty   5 years   Standard Entopse1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201   -     Warranty   5 years   Standard Entopse1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201   -     Stocking temperature   -30 +50 °C   Standard Entopse1; EN60598-2-5; EN60598-2-24; IEC 62778; Uprefaiture rate   -  <	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEAT	URES -
powerpowerApplicationIndoor / OutdoorLumen output (im)20500Unique digital code (Datamatrix)Currently not presentEfficacy (im/W)124ColourGraphite greyColour temperature4000 KType of light sourceLEDColour temperature4000 KSystem power165 WStandard Deviation Colour MatchingSDCM = 5LED LifetimeL90B10(Tq25*C)=50.000h; L80B10 (Tq25*C)=10.000hPhotobiological Risk Class-Weight (kg)5.7Standard Eviation Colour MatchingSDCM = 5Stocking temperature-Supply voltage220 - 240 VOperating temperature-30 + 50 °CRated frequency (Hz)50 / 60MATERIALSDriver failure rateF10 = 100.000h Tq25*CSof 60BodyDie-acst atempired glass 4mmOvervoltage protectionDM & kV / CM 10 kVOpticPolished quartz and metallized PC HTItRotation on bracket with integratedGasketAnti-aging siliconeItItRotation on bracket with integratedColourPolyester powder coatedWiringWatentight connectorMounting and installationHigh-mast lighting - Wall mounting - Ground mountingGasketAnti-aging siliconeItItRotation on bracket with integratedColourPolyester powder coatedWiringWatertight connectorTitGasketAnti-aging siliconeItStanderMounting and installationHigh-mast lighting - Wall mounting - Ground mounting	Context	Sport, Big Areas	Optic	C4 - Circular 15°
Application   Indoor / Outdoor   Lumen output (Im)   20500     Unique digital code (Datamatrix)   Currently not present   Efficacy   124     Colour   Graphite grey   Colour Rendering Index   CRI>70     Type of light source   LED   Colour Rendering Index   CRI>70     System power   165 W   Standard Deviation Colour Matching   SDCM = 5     LED Lifetime   L90B10(Tq25*C)=50.000, IS0B10   Photobiological Risk Class   -     Warantly   5 years   ELETRICAL AND LIGHTING FEATURES   -     Vortantly   5 years   ELETRICAL AND LIGHTING FEATURES   -     Vortantly   5 years   ELETRICAL AND LIGHTING FEATURES   -     Vortantly   5 years   ELETRICAL AND LIGHTING FEATURES   -     Vortantig temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERNALS   -   Driver failure rate   F10 = 100.000 ht q25 °C   -     Stocking temperature   -0   Driver failure rate   F10 = 100.000 ht q25 °C   -     Gasket   Anti-aging silicon   -   Included   -     Goty   Polished quartz and mealizet PC HT	Luminaire L	ED luminaire with small, mid and high lumen	Unified Glare Rating	G*6 - ULOR = 0
Unique digital code (Datamatrix)   Currently not present   Efficacy (mix/v)   124 (mix/v)     Colour   Graphite grey   Colour Rendering Index   CRI>70     System power   LED   Colour Matching   SDCM = 5     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10   Protobiological Risk Class   -     Weight (kg)   5.7   Standard Deviation Colour Matching   SDCM = 5     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 / 60   -     Marranty   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq25°C   -     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM & kV / CM 10 kV   Colour     Optic   Polished quartz and metalized PC HT reflector   -   -   -   -     Gasket   Anti-aging silicone   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting   -     Colour   Polyester power coated   Wiring   Watertight connector   -		power		
Colour Graphite grey Colour temperature 4000 K   Type of light source LED Colour Rendering Index CRI>70   System power 165 W Standard Deviation Colour Matching SDCM = 5   LED Lifetime L90B10(Tq25°C)=50.000h, L80B10 Photobiological Risk Class -   Weight (kg) 5.7 Standard Eviation Colour Matching SDCM = 5   Warranty 5 years Standard Eviation Colour Matching 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 = 100.000h Tq25°C   Sheid type Flat tempered glass 4mm Overvoltage protection DM & KV / CM 10 kV   Optic Polished quart and metaliked PC HT Control System DALI   Gasket Anti-aging silicone - Mounting and installation Might-mast lighting - Wall mounting - Ground   Colour Polyseter powder coated Wiring Wateriade Certains -   Classification - Light Source replaceability By professional   Divi regree Installation High-mast lighting - Wall mounting - Ground   Retdering Hook Hexagonal metric screws <t< td=""><td></td><td></td><td></td><td></td></t<>				
Type of light source   LED   Colour Rendering Index   CRI>70     System power   165 W   Standard Deviation Colour Matching   SDCM = 5     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10   Photobiological Risk Class   -     Waranty   5.7   Standard Deviation Colour Matching   SDCM = 5     Waranty   5 years   Standard Deviation Colour Matching   SDCM = 5     Vocating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     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   reflector   -     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -     Locking Hook   Hexagonal metric screws   Tilt   Rotation on bracket with integrated goinometer     Colour   Polyester powder coated   Wiring   Wiring   Bracket     Classification   -   Light souce replaceability   By professional     Diver deviation class   II   Controlgear replaceability   By professional     Div	Unique digital code (Datamatrix)	Currently not present		124
System power 165 W Standard Deviation Colour Matching SDCM = 5   LED Lifetime L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=10.00h Photobiological Risk Class -   Warranty 5.7 Standard Deviation Colour Matching SDCM = 5   Warranty 5.7 Standard Deviation Colour Matching SDCM = 5   Varranty 5 years ELETRICAL AND LIGHTING FEATURES -   Operating temperature -30 +50°C Rated frequency (Hz) 50 / 60   MATERIALS Die-cast aluminum Diver 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 control System DALI   Casket Anti-aging silicone INSTALLATION AND MAINTENANCE -   Lcoking Hook Hexagonal metric screws Stainless steel Tit Rotation on bracket with integrated goint contection   Colour Polyester powder coated Wiring Watertight contection By professional   Diver Balace - Fixing Bractaket -   Classification - Light souce replaceability By professional   Diver Box Fixing By professional Diver Box Built-in	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; EN60598-2; St. EN60598-2	Type of light source	LED	Colour Rendering Index	CRI>70
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   Die-cast aluminum   Driver failure rate   F10 = 100.000h Tq25°C     Body   Die-cast aluminum   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished quartz and metallized PC HT reflector   Control System   DALI     Stainless steel   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -     Colour   Polyester powder coated   Wiring   Watertight connector mouting of this social trace temperature   Yeas     Classification   -   Light souce replaceability   By professional Device with reduced surface temperature   Yeas     Div regree   IP64   Priver Box   Built-in     IP64   -   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting of this social trace temperature     Colour   Polyester powder coated   Wiring   Watertight connector mouting of this social trace temperatur	System power	165 W	Standard Deviation Colour Matching	SDCM = 5
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 Tq2°C     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM & 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 mounting     Stainless steel   Tilt   Rotation on bracket with integrated gonoimeter     Colour   Polyester powder coated   Wiring   Watertight connector     Stainless steel   Fixing   Bracket   By professional     Device with reduced surface temperature   Yes   Controlgear replaceability   By professional     Device with reduced surface temperature   Yes   Driver Box   Builtintegrated Box     DiN 180	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 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     External screw   Stainless steel   Tilt   Rotation on bracket with integrated goriometer     Colour   Polyester powder coated   Wiring   Watertight connector     Stank reduced surface temperature   Yes   Controlsgar 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   II   -     IP degree <td>Weight (kg)</td> <td>5.7</td> <td>Standard EN6</td> <td></td>	Weight (kg)	5.7	Standard EN6	
Operating temperature-30 +50 °CRate frequency (Hz)50 / 60MATERIALS-DriverIncludedBodyDie-cast aluminium -Driver failure rateF10 = 100.000 h Tq15 °CShield typeFlat tempered glass 4mmOvervoltage protectionDM 6 kV / CM 10 °COpticPolished quartz and metallized PC HTControl SystemDALIGasketAnti-aging siliconeMounting and installationHigh-mast lighting - Wall mounting - Ground moutingLocking HookHexagonal metric screwsStainless steelTiltRotation on bracket with integrated goniometerColourPolyester powder coatedWiringWatertight connectorSTANDARDS AND APPROVALS-FixingBracketClassification-Light souce replaceabilityBy professionalDevice with reduced surface temperatureYesDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind0,085 m2Ip degreeIf6Mechanical resistanceIK08-	Warranty	5 years	ELETRICAL AND LIGHTING FEAT	
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   Driver Box   By professional     DIN 18032-3 certification   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,085 m2     Insulation class   II   -   -     Insulation class   II   -   -     Maximum surface exposed to the wind   0,085 m2   -     I	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     STANDARDS AND APPROVALS   -   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   -   -     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   Wiring   By professional     Device with reduced surface temperature   Yes   Control Sear   By professional     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 - Light souce replaceability 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 -	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   Watertlight 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		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     IN 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   -   -	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 temperative	ture 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









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 GWP2174GB**

SMART [PRO] 2.0







IP66

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## STANDARDS/APPROVALS



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