## Product Data Sheet **GWP2273BB**

SMART [PRO] 2.0



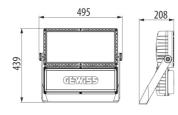
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

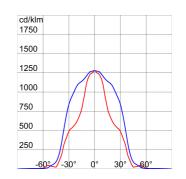
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anticondensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 2. 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   S2 - Symmetric Medium     Luminaire   LED luminaire with small,mid and high lume power   Unified Glare Rating   G*6 - ULOR = 0     Application   Indoor / Outdoor   Lume output (im)   37900     Unique digital code (Datamatrix)   Currently not present   Efficacy   115     Colour   Graphite grey   Colour temperature   3000 K     System power   3300 W   Standard Deviation Colour Matching   SDCA+ 5     LED Lifetime   L90810(Tq25*C)=40.000h   Photobiological Risk Class   -     Weight (kg)   13   Standard Deviation Colour Matching   SDCA+ 5     Wright (kg)   13   Standard   EN0598-1; EN60598-2; EIC 62778; IEC 62771; EC 62771; EC 62771; EC 62775;	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEAT	URES -
Luminaire LED luminaire with small,mid and high lumen power Unified Glare Rating G*6 - ULOR = 0   Application Indoor / Outdoor Lumen output (im) 37900   Unique digital code (Datamatrix) Currently not present Effaccy (imW) 115   Colour Graphite grey Colour Rendering Index CRI>70   Type of light source LED Colour Rendering Index CRI>70   System power 0.90B10(Tq25*C)=40.0000; i.10B010 (Tq25*C)=90.0000 -   Weight (kg) 13 Standard Deviation Colour Matching SDCM = 5   Weight (kg) 5 years ELETRICAL AND LIGHTING FEATURES -   Stocking temperature - Supply voltage 220 - 240 V   Operating temperature -30 + 50° C Rated frequency (Hz) 50 / 60   Body Die-cast aluminium Driver and installation Driver and installation DMI K VI NV   Optic Polished anodised aluminum reflector with 99.99% pure aluminum Control System DAI Optic   Gasket Anth-aging silicone - Iti and siziallation High-mast lighting - Wall mounting - Groung erplocability Bystoread erplocability   Colour Polysteer powder coated Wining Wining Waltrinue reflector with 19.99% pure aluminum Standar	Context	Sport, Big Areas	Optic	S2 - Symmetric Medium
Application   Indoor / Outdoor   Lume output (Im)   37900     Unique digital code (Datamatrix)   Currently not present   Efficacy   115     Colour   Graphite grey   Colour Rendering Index   CRI>70     Type of light source   LED   Colour Rendering Index   CRI>70     System power   330 W   Standard Deviation Colour Matching   SDCM = 5     LED Lifetime   L90B10(Tq25°C)=40.0000 K   Photobiological Risk Class   -     Waranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Volation temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver failure rate   F10 = 100.0001 Tq25°C     Waranty   Die-cast aluminum -   Driver failure rate   F10 = 100.0001 Tq25°C     MatteRIALS   -   Driver failure rate   F10 = 100.0001 Tq25°C     Stocking temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver failure rate   F10 = 100.0001 Tq25°C     Stocking temperature   -   Colour failure rate   F10 = 100.0001 Tq25°C     Colour   Polished anodised aluminum reflector with 99 yes pre	Luminaire		Unified Glare Rating	G*6 - ULOR = 0
Unique digital code (Datamatrix)   Currently not present   Efficação (Currently not present (ImW))   115     Colour   Graphite grey   Colour Rendering Index   CRI>70     System power   330 W   Standard Devisition Colour Matching   SDCM = 5     LED Lifetime   L90B10(Tq25*C)=40.000h; L80B10 (Tq25*C)=40.000h; L80B10   Photobiological Risk Class   -     Weight (kg)   13   Standard Devisition Colour Matching   SDCM = 5     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Operating temperature   -30 + 50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   Driver failure rate   F10 = 100.000h Tq25*C   50 / 60     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM & kV / CM 10 kV     Optic   Polished anodised aluminum reflector with 99.99% pure aluminum   Overvoltage protection   Mating and installation   High-mast lighting - Wall mounting - Ground mouting - Ground mouting and installation   High-mast lighting - Wall mounting - Ground mouting - Ground mo	Application		Lumen output (Im)	37000
Colour   Graphite grey   Colour temperature   3000 K     Type of light source   LED   Colour Rendering Index   CRI>70     System power   330 W   Standard Deviation Colour Matching   SDCM = 5     LED Lifetime   L90B10(Tq25*C)=40.000h   Photobiological Risk Class   -     Weight (kg)   13   Standard Deviation Colour Matching   SDCM = 5     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -30 + 50 °C   Rated frequency (Hz)   50 / 60     MatTERIALS   Driver   Supply voltage   220 - 240 V     Operating temperature   -30 + 50 °C   Rated frequency (Hz)   50 / 60     Body   Die-cast aluminium   Driver   Included   Driver failure rate   F10 = 100.000h Tq25*C     Shield type   Flat tempered glass 4mm   Overotlage protection   DM kV / CM 10 kV   OV     Gasket   Anti-aging silicone   Mounting and installation   High-mast lighting - Wall mounting - Ground mounting - Ground mounting and installation   Mounting and installation   Bracket Wiring   Bracket Wiring   Bracket Wiring   Standece replaceability   By professional     Colour <td></td> <td></td> <td></td> <td></td>				
Type of light sourceLEDColour Rendering IndexCRI>70System power330 WStandard Deviation Colour MatchingSDCM = 5LED LifetimeL90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000hPhotobiological Risk Class-Weight (kg)13Standard Deviation Colour MatchingSDCM = 5Waranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-30 + 50 °CRated frequency (Hz)50 / 60MATERIALS-Driver failure rateF10 = 100.0001 rq25°CShield typePolished anodised aluminum reflector with 99.99% pure aluminumOvervoltage protectionDM 6 kV / CM 10 kVOpticPolished anodised aluminum reflector with 99.99% pure aluminumTitRotation on bracket with negrated goniometer-ColourPolyester powder coatedTitRotation on bracket with negrated goniometer-ColourPolyester powder coatedWringWringWatertight connector goniometerColourPolyester powder coatedFixingBracket 		Currently not present		113
System power 330 W Standard Deviation Colour Matching SDCM = 5   LED Lifetime L90B10(Tq25°C)=40.00h), L80B10 (Tq25°C)=90.00h Photobiological Risk Class -   Warranty 13 Standard Deviation Colour Matching SDCM = 5   Warranty 5 years Standard EN60598-1; EN60598-2-5; IEC 62778; IEC 6278; IEC 6170; IEC 6170,000 Mating and installation<	Colour	Graphite grey	Colour temperature	3000 K
LÉD Lifetime   L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h   Photobiological Risk Class   -     Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   - 30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Stoply voltage   220 - 240 V     Sheld type   Flat tempered glass 4mm   Driver failure rate   F10 = 100.000h Tq25°C     Optic   Polished anodised aluminum reflector with 99.99% pure aluminum   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished anodised aluminum reflector with 9.99% pure aluminum   INSTALLATION AND MAINTENANCE   -     Colour   Polyester powder coated   Wiring   Watertight connector     STANDARDS AND APPROVALS   Fixing   Bracket   Fixing     Classification   Light souce replaceability   By professional   By professional     Divi Regree   IP66   -   -   Maximum surface exposed to the wind   0,170 m2	Type of light source	LED	Colour Rendering Index	CRI>70
Weight (kg)   Itages/C)=90.000h   Mining and installation     Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking 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 anodised aluminum reflector with 99.99% pure aluminum   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished anodised aluminum reflector with 99.99% pure aluminum   Control System   DALI     Coking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting     Colour   Polyester powder coated   Wring   Watertight connector goniometer     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   No   Controlgear replaceability   By professional     Device with reduced surface temperature   No   Controlgear replaceability   By professional     Device with reduced surface temperature	System power	330 W	Standard Deviation Colour Matching	SDCM = 5
Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Warranty   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 = 100.000 h 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   INSTALLATION AND MAINTENANCE   -     External screw   Stainless steel   Tilt   Rotation on bracket with integrated goniometer   -     Colour   Polyester powder coated   Wiring   Watertight connector fixing   Bracket     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   No   Control gear replaceability   By professional     Device with reduced surface temperature   No   Controlgear replaceability   By professional     Device with reduced surface temperature   No   Controlgear replaceability   By professional     Device with reduced surf	LED Lifetime		Photobiological Risk Class	-
Stocking temperature   -   Supply voltage   220 - 240 V     Operating temperature   -30 + 50 ° C   Rated frequency (Hz)   50 / 60     MATERIALS   Driver   Instruction   50 / 60     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq25°C     Shield type   Flat tempered glass Amm   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished anodised aluminum reflector with 99.99% pure failure rate   Control System   DALI     Gasket   Anti-aging silicone fuctor with 99.99% pure folder   Control System   DALI     Gasket   Anti-aging silicone fuctor with 99.99% pure folder   Control System   DALI     Colour   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting goniometer     Stainless steel   Tilt   Rotation on bracket with integrated goniometer   Goniometer     Colour   Polyester powder coated   Wiring   Watertight connector     StankDARDS AND APPROVALS   Fixing   By professional     Device with reduced surface temperature   No   Controlgear replaceability   By professional     Device with reduced surface temperature   No	Weight (kg)	13	Standard	
Operating temperature   -30 +50 °C   Rate frequency (Hz)   50 / 60     MATERIALS   -   Driver   Included     Body   Die-cast aluminium -   Driver failure rate   F10 = 100.000 h q q5 °C     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 k°C     Optic   Polished anodised aluminum reflector with 99.99% pure aluminum   Control System   DALI     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   DALI     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting     Colour   Polyester powder coated   Wiring   Watertight connector     Stainless steel   Fixing   Bracket   By professional     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   No   Control Gear replaceability   By professional     Device with reduced surface temperature   No   Control gear replaceability   By professional     Device with reduced surface temperature   No   Control gear ceplaceability   By infessional     Device with reduced surface temperature   No </td <td>Warranty</td> <td>5 years</td> <td>ELETRICAL AND LIGHTING FEAT</td> <td>URES -</td>	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 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   INSTALLATION AND MAINTENANCE   -     External screw   Stainless steel   Tilt   Rotation on bracket with integrated goniometer   -     Colour   Polyester powder coated   Wiring   Wiring   Watertight connector     STANDARDS AND APPROVALS   -   Fixing   Bracket   By professional     Device with reduced surface temperature   No   Control gear replaceability   By professional     DIN 18032-3 certification   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,170 m2     Insulation class   II   -   -   -     Mechanical resistance   IK08   -   -	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 99.9% 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   By professional     Device with reduced surface temperature   No   Control gear replaceability   By professional     DIN 18032-3 certification   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,170 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 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   Wiring   Water tight connector     Stainless steel   Fixing   Bracket   By professional     Device with reduced surface temperature   No   Control gear replaceability   By professional     DIN 18032-3 certification   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,170 m2     Insulation class   II   IP66   -     Mechanical resistance   IK08   -   -	MATERIALS	-	Driver	Included
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 mouting     External screw   Stainless steel   Tilt   Rotation on bracket with integrated goniometer     Colour   Polyester powder coated   Wiring   Watertight connector     Statings   -   External screw   By professional     Colour   Polyester powder coated   Wiring   Watertight connector     Statings   -   Light souce replaceability   By professional     Device with reduced surface temperature   No   Control gear replaceability   By professional     IPEA   -   Maximum surface exposed to the wind   0,170 m2     Insulation class   II   -   -     IP degree   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   Fixing   Bracket     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   No   Controlgear replaceability   By infessional     IPEA   -   Maximum surface exposed to the wind   0,170 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 goniometer     Colour   Polyester powder coated   Wiring   Watertight connector     STANDARDS AND APPROVALS   -   Fixing   Bracket     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   No   Controlgear replaceability   By professional     IPEA   -   Maximum surface exposed to the wind   0,170 m2     Insulation class   II   -   -     IPegree   IP66   -   -     Mechanical resistance   IK08   -   -	Optic Polishe		Control System	DALI
External screw   Stainless steel   Tilt   Rotation on bracket with integrated goniometer or goniometer     Colour   Polyester powder coated   Wiring   Watertight connector     STANDARDS AND APPROVALS   -   Fixing   Bracket     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   No   Controlgear replaceability   By professional     DIN 18032-3 certification   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,170 m2     Insulation class   II   -   -     IP degree   IP66   -   -     Mechanical resistance   IK08   -   -	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENAN	CE -
External screwStainless steelTiltRotation on bracket with integrated goniometerColourPolyester powder coatedWiringWatertight connectorSTANDARDS AND APPROVALS-FixingBracketClassification-Light souce replaceabilityBy professionalDevice with reduced surface temperatureNoControlgear replaceabilityBy professionalDIN 18032-3 certificationYesDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind0,170 m2Insulation classIIIP degreeIP66-Mechanical resistanceIK08-	Locking Hook	Hexagonal metric screws	Mounting and installation	
ColourPolyester powder coatedWiringWatertight connectorSTANDARDS AND APPROVALS-FixingBracketClassification-Light souce replaceabilityBy professionalDevice with reduced surface temperatureNoControlgear replaceabilityBy professionalDIN 18032-3 certificationYesDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind0,170 m2Insulation classIIIP degreeIP66Mechanical resistanceIK08	External screw	Stainless steel	Tilt	Rotation on bracket with integrated
STANDARDS AND APPROVALS   -   Fixing   Bracket     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   No   Controlgear replaceability   By professional     DIN 18032-3 certification   Yes   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,170 m2     Insulation class   II   -   -     IP degree   IP66   -   -     Mechanical resistance   IK08   -   -	Colour	Polyester powder coated	Wiring	
Device with reduced surface temperature No Controlgear replaceability By professional   DIN 18032-3 certification Yes Driver Box Built-in   IPEA - Maximum surface exposed to the wind 0,170 m2   Insulation class II - -   IP degree IP66 -   Mechanical resistance IK08 -	STANDARDS AND APPROVAL		Fixing	Bracket
Device with reduced surface temperature No Controlgear replaceability By professional   DIN 18032-3 certification Yes Driver Box Built-in   IPEA - Maximum surface exposed to the wind 0,170 m2   Insulation class II - -   IP degree IP66 -   Mechanical resistance IK08 -	Classification	-	Light souce replaceability	By professional
DIN 18032-3 certification Yes Driver Box Built-in   IPEA - Maximum surface exposed to the wind 0,170 m2   Insulation class II -   IP degree IP66 -   Mechanical resistance IK08 -	Device with reduced surface tem	perature No	8 1 2	, i i i i i i i i i i i i i i i i i i i
IPEA - Maximum surface exposed to the wind 0,170 m2   Insulation class II -   IP degree IP66 -   Mechanical resistance IK08 -				
Insulation class II -   IP degree IP66 -   Mechanical resistance IK08 -			Maximum surface exposed to the wi	nd 0,170 m2
Mechanical resistance IK08 -	Insulation class			-
Mechanical resistance IK08 -	IP degree	IP66		-
Glow Wire Test	Mechanical resistance	IK08		-
	Glow Wire Test			-

## DIMENSIONAL



## PHOTOMETRIC DISTRIBUTION



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IP66

## **TECHNICAL SYMBOLOGY**





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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

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STANDARDS/APPROVALS

