

## Product Data Sheet GWP2173AB

SMART [PRO] 2.0



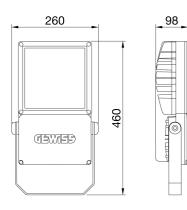
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

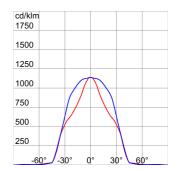
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anticondensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 2. 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.

LuminaireLED luminaire with small,mid and high lumen powerUnified Glare RatingG*6 - ULOR = 0ApplicationIndoor / OutdoorLumen output (Im)18300Unique digital code (Datamatrix)Currently not presentEfficacy111ColourGraphite greyColour Rendering IndexCRI>70Yope of light sourceLEDColour Rendering IndexCRI>70System power165 WStandard Devaltion Colour MatchingSDCM = 5LED LifetimeL90B10(Tq25*°)=50.0001; L80B10 (Tq25*°)=110.000hFhotobiological Risk Class-Weight (kg)5 yearsStandard Devaltion Colour Matching220 - 240 VSocking temperature-30°C + +50°CRated frequency (Hz)60/65Operating temperature-30°C + +50°CRated frequency (Hz)60 / 60BodyDie-cast aluminiumDriver allized PC HTControl SystemDAI & VC N10 kVOpticPolished quartz and metalized PC HTControl SystemDAI & VC N10 kVColourPolyester powder coatedWringWaterial mounting - Ground moutingDAI & VC N10 kVColourPolyester powder coatedWringWaterialtionHigh-mast lighting - Wall mounting - Ground moutingColourPolyester powder coatedWringWaterialtionBigh-mast lighting - Wall mounting - Ground moutingColourPolyester powder coatedWringWaterialtionBigh-mast lighting - Wall mounting - Ground moutingColourPolyester powder coatedWringWaterialtionBigh-mast light	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEA	TURES -
power     or       Application     Indoor / Outdoor     Lumen output (im)     18300       Unique digital code (Datamatrix)     Currently not present     Efficacy     111       Colour     Graphite grey     Colour temperature     3000 K       System power     165 W     Standard Deviation Colour Matching     SDCM = 5       LED Lifetime     L90B10(Tq25*C)=50 000h; L80B10     Photobiological Risk Class     SDCM = 5       Warranty     5 ras     Standard Peviation Colour Matching     SDCM = 5       Operating temperature     -30°C + +50° C     Rated frequency (Hz)     50 / 50       Marranty     5 years     Supply voltage     220 - 240 V       Operating temperature     -30°C + +50° C     Rated frequency (Hz)     50 / 60       Sheid type     Flat tempered glass 4mm     Overvoltage protection     DM 6 kV / CM 10 kV       Optic     Polished quartz and metallized PC HT     Control System     DALI       Cakadring silicone     Itit     Rotaring silicone     Mounting and installation     High-mast lighting - Wall mounting - Ground mounting - Ground mounting - Ground mounting - Ground mounting - Fixing     By professional       <	Context	Sport, Big Areas	Optic	S1 - Symmetric Wide
Application   Indoor / Outdoor   Lume output (Im)   18300     Unique digital code (Datamatrix)   Currently not present   Efficacy   11     Colour   Graphite grey   Colour Rendering Index   CRI>70     Yope 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, IL80B10   Photobiological Risk Class   -     Waranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -30°C + +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver failure rate   F10 = 100.000 nt Q25*C     Waranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -30°C + +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver failure rate   F10 = 100.000 nt Q25*C     Stocking tope   Flat tempered glass 4m   Overvoltage protection   DM & kV / CM 10 kV     Optic   Polished quartz and metallized PC HT   Control System   -   -     Colour   Polyester power coated	Luminaire L		Unified Glare Rating	G*6 - ULOR = 0
Unique digital code (Datamatrix)   Currently not present   Efficacy   111     Colour   Graphite grey   Colour Rendering Index   CRI>70     System power   LED   Colour Rendering Index   CRI>70     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=101.000h   Photobiological Risk Class   -     Weight (kg)   5.7   Standard Devidion Colour Matching   SECE   220-240 V     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Operating temperature   -3°°C + +50°C   Suppl voltage   220-240 V     Operating temperature   -3°°C + +50°C   Rated frequency (Hz)   50/6   60/6     Sheid type   Flat tempered glass 4mm   Driver failure rate   F10 = 100.000h Tq25°C   50/6   60/6     Sheid type   Flat tempered glass 4mm   Overvoltage protection   DM & KV / CM 10 kV   Conuch System   DALL     Colour   Polished quarz and metalized PC HT   reflector   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting     Colour   Polyester powder coated   Wiring   Watertight connector   Mounting and installation   High-mast lighting - Wall mounting - Ground mouting   B				
Colour   Graphile grey   Colour temperature   3000 K     Type of light source   LED   Colour Rendering Index   CRI>70     System power   165 W   Standard Deviation Colour Matching   SDCM = 5     ED Lifetime   L90B10(Tq25°C)=50.000h, L80B10   Photobiological Risk Class   -     Weight (kg)   5.7   Standard Deviation Colour Matching   SDCM = 5     Waranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Waranty   5 years   Supply voltage   220 - 240 V     Operating temperature   -30°C + +50 °C   Rated frequency (Hz)   50 / 60     MatTERIALS   Driver   Included   Driver   Included     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq25°C   OV     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM kV / CM 10 kV   DALI     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -   -     Colour   Polyster powder coated   Wring   Wring   Wateright connector     Stainless steel   Tit   Rotation on bracket with integrated goniometer   Golometer   Golom				
Type of light sourceLEDColour Rendering IndexCRI>70System power165 WStandard Deviation Colour MatchingSDCM = 5LED LifetimeL90B10(Tq25*C)=50.000h; L80B10Photobiological Risk Class-Waranty5,7Standard Deviation Colour MatchingSDCM = 5Waranty5,7Standard Deviation Colour MatchingSDCM = 2.24; IEC 62778; IEC 62778; IEC 62778; ClassificationWaranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-30°C + +50 °CRated frequency (Hz)50 / 60MATERIALS-DriverIncludedBodyDie-cast aluminiumDriver failure rateF10 = 100.000h TQ25*CShield typeFlat tempered glass 4mmOvervoltage protectionDM 6 kV / CM 10 kVOpticPolished quartz and metalized PC HT reflectorFIST-ColourPolyester powder coatedWuringTiltRotation on bracket with integrated goniometerColourPolyester powder coatedWiringWatertight connectorSTANDARDS AND APPROVALS-FisingBracketColourPolyester powder coatedWiringWatertight connectorTile 223.2 certification-AvailableDriver BoxDivice BeacIP66-IIIInsulation classIIIII-ColourPolyester powder coatedMiringWatertight connectorTile BeaceIP66-IIIIInsulation classIIIII- <t< td=""><td>Unique digital code (Datamatrix)</td><td>Currently not present</td><td></td><td>111</td></t<>	Unique digital code (Datamatrix)	Currently not present		111
System power 165 W Standard Deviation Colour Matching SDCM = 5   LED Lifetime L90B10(Tq25*C)=50.000h; L80B10 (Tq25*C)=101.00h Photobiological Risk Class -   Waranty 5.7 Standard Deviation Colour Matching SDCM = 5   Waranty 5 years ELET ICAL AND LIGHTING FEATURES -   Operating temperature -30*C + +50 *C Rated frequency (Hz) 50 / 60   Materials - Diver alluminum- Diver allure rate F10 = 100.000h Tq25*C   Shield type Flat tempered glass 4m Overvortage protection DM 6 k/ / CM 10 kV M0 konting and installation High-mast lighting - Wall mounting - Ground mounting - Groun	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   EN60598-2-5; EN60598-2-24; IEC 62778; IEC 62471; EN13201     Warranty   5 years   Standard   EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC 62471; EN13201     Warranty   5 years   Standard   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -30°C + +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver failure rate   F10 = 100.000h Tq25°C     Body   Die-cast aluminum- optic   Poished quartz and metallized PC HT reffector   Control System   DAI & V/ CM 10 kV     Copic   Poished quartz and metallized PC HT control System   Control System   DAI + 0000m Tq25°C     Colour   Polyester powder coated   Wring   Watertight connector     StanDARDS AND APPROVALS   -   Fixing   Bracket     Cassification   Light souce replaceability   By professional   Driver Rox     Divi Rod   Available   Driver Rox   Bullt-in     Pixing   Bracket   Fixing   Bracket     Colour   Polyester powder coated   Fixing	Type of light source	LED	Colour Rendering Index	CRI>70
Weight (kg)   5.7.   Standard   EN60598-1; EN60598-2-24; IEC 62778; IEC 6278; I	System power	165 W	Standard Deviation Colour Matchin	ng SDCM = 5
Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Warranty   5 years   Supply voltage   220 - 240 V     Operating temperature   -30°C + +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     Optic   Polished quartz and metallized PC HT   reflector   Control System   DALI     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   -   -     Locking Hook   Hexagonal metric screws   Stainless steel   Tilt   Rotation on bracket with integrated goniometer     Colour   Polyester powder coated   Wiring   Watertight connector   Bracket     Stabild Siza   -   Light souce replaceability   By professional     Device with reduced surface temperature   Yes   Control gear replaceability   By professional     Device with reduced surface temperature   Yes   Control gear replaceability   By professional     Device with reduced surface temperature <td< td=""><td>LED Lifetime</td><td></td><td>Photobiological Risk Class</td><td>-</td></td<>	LED Lifetime		Photobiological Risk Class	-
Stocking temperature   -   Supply voltage   220 - 240 V     Operating temperature   -30°C + +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     Optic   Polished quartz and metallized PC HT   Cortrol System   DALI     Gasket   Anti-aging silicone   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     STANDARDS AND APPROVALS   -   Fixing   Bracket     Classification   -   Light souce replaceability   By professional     Device with reduced surface temperature   Yes   Controlgaer replaceability   By indexsional     Dix Var Surfication   Available   Driver Box   Bilt-in     IPEA   -   Maximum surface exposed to the wind   0,085 m2     Insulation class   II <td>Weight (kg)</td> <td>5.7</td> <td>Standard EN</td> <td></td>	Weight (kg)	5.7	Standard EN	
Operating temperature-30°C + +50 °CRated frequency (Hz)50 / 60MATERIALS-DriverIncludedBodyDie-cast aluminiumDriver failure rateF10 = 100.000h Tq25°CShield typeFlat tempered glass 4mmOvervoltage protectionDM 6 kV / CM 106 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 quartz and metallized PC HT reflector   Control System   DALI     Gasket   Anti-aging silicone Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - mouting mouting   -     Colour   Polyester powder coated   Wiring   Wiring   Watertight connector     Stainless steel   Fixing   By professional   By professional     Device with reduced surface temperature   Yes   Control gear replaceability   By professional     Diver   Available   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   0,085 m2     IP degree   IP66   -   -     Mechanical resistance   IK08   -   -	Stocking temperature	-	Supply voltage	220 - 240 V
Body   Die-cast aluminium -   Driver failure rate   F10 = 100.000h Tq25°C     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 kV     Optic   Polished quartz and metalized 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   By professional     Device with reduced surface temperature   Yes   Control gear replaceability   By professional     Diver Box   Inver Box   Maximum surface exposed to the wind   0,085 m2     Insulation class   II   -   -     IP degree   IP66   -   -     Mechanical resistance   IK08   -   -	Operating temperature	-30°C ÷ +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   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   Bracket     Classification   -   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   -   -     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 Wattight connector   STANDARDS AND APPROVALS - Light souce replaceability By professional   Device with reduced surface temperature Yes Control gear replaceability By professional   DIN 18032-3 certification Available 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 screw   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   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   -   -     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   Available   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   Available   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   Available   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	
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   Available   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 Available 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	
DIN 18032-3 certification Available 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
DIN 18032-3 certification Available Driver Box Built-in   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		
Insulation class II -   IP degree IP66 -   Mechanical resistance IK08 -	DIN 18032-3 certification			
IP degree IP66 -   Mechanical resistance IK08 -	IPEA	-	Maximum surface exposed to the	wind 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 19/05/2024. 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 GWP2173AB** 

SMART [PRO] 2.0

IP

TECHNICAL SYMBOLOGY				
	<b>E</b> YEARS WARRANTY	 (ii)		



IP66

IK

IK08

GWT -

STANDARDS/APPROVALS



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