## Product Data Sheet **GWP2284CB**

SMART [PRO] 2.0



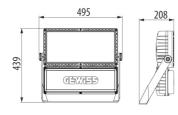
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

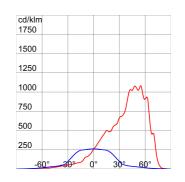
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anticondensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 2. 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*4 - ULOR = power       Application     Indoor / Outdoor     Lumen output (Im)     3560       Unique digital code (Datamatrix)     Currently not present     Efficacy     10       Colour     Graphite grey     Colour Rendering Index     CRI>E       Yape of light source     LED     Colour Rendering Index     CRI>E       System power     330 W     Standard Deviation Colour Matching     SDCM =       LED Lifetime     L90B10(Tq25°C)=90.000h     Photobiological Risk Class     Photobiological Risk Class       Waranty     5 years     ELETRICAL AND LIGHTING FEATURES     EN322       Varanty     5 years     Supply voltage     220 - 240       Operating temperature     -30 + 50 °C     Rated frequency (Hz)     50 / 60       MaTERIALS     Diver failure rate     F10 = 100.000h Tq25°     50 / 60       Sheld type     Flat tempered glass 4mm     Overvoltage protection     DM & kV / CM 10 & kV	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEAT	URES -
Application     Indoor / Outdoor     Lumen output (Im)     3560       Application     Currently not present     Efficacy     10       Colour     Graphite grey     Colour Rendering Index     CRI>4       System power     330 W     Standard Deviation Colour Matching     SDCM =       LED Lifetime     L90B10(Tq25*C)=40.000h; L80B10     Photobiological Risk Class     SDCM =       Weight (kg)     13     Standard Deviation Colour Matching     SDCM =       Warranty     5 years     ELETRICAL AND LIGHTING FEATURES     EN132C       Stocking temperature     -30 +50 °C     Rated frequency (Hz)     50 / 6       MaTERIALS     Driver     Followord     Include       Gasket     Anti-aging silicone     INSTALLATION AND MAINTENANCE     Mounting and installation     Hgh-mast lighting - Wall mounting - Grour mount of the gradies with integrate group on the gradies with integrate group on the gradies with reduced surface temperature     - Fixing     Brack       Colour     Polyseter powder coated     Wiring     Watertight connect gradies with integrate grad	Context	Sport, Big Areas	Optic	A1 - Asymmetrical Wide
Application   Indoor / Outdoor   Leme output (Im)   3560     Unique digital code (Datamatrix)   Currently not present   Efficacy   10     Colour   Graphite grey   Colour temperature   4000     Type of light source   LED   Colour temperature   4000     System power   330 W   Standard Deviation Colour Matching   SDCM =     LED Lifetime   L90B10(Tq25°C)=40.000h; L80B10   Photobiological Risk Class   EN320     Warranty   5 years   Standard   EN60598-1; EN60598-2; IEC 6277; IEC 6277	Luminaire L		Unified Glare Rating	G*4 - ULOR = 0
Unique digital code (Datamatrix)   Currently not present   Efficacy   10     Colour   Graphite grey   Colour temperature   4000     Type of light source   LED   Colour Rendering Index   CRI>     System power   330 W   Standard Deviation Colour Matching   SDCM =     LED Lifetime   L90B10(Tq25°C)=40.000h; L80B10   Photobiological Risk Class   Photobiological Risk Class     Weight (kg)   13   Standard Deviation Colour Matching   EN320     Varranty   5 years   ELETRICAL AND LIGHTING FEATURES   EN320     Stocking temperature   -30 +50 °C   Rated frequency (Hz)   50 /6     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 /6     Shield type   Flat tempered glass 4min   Overvoltage protection   DM 6 kV / CM 10 k     Optic   Polished quartz and metallized PC HT   Control System   Mouting and installation   High-mast lighting - Wall mounting - Grour     Colour   Polyseter powder coated   Woring   Watertight connect   goriometa     Colour   Polyseter powder coated   Wiring   Watertight connect   goriometa     Colour   Polyseter powder coated		power		
Colour Graphite grey Colour temperature 4000   Colour ight source LED Colour Rendering Index CRI>4   System power 330 W Standard Deviation Colour Matching SDCM =   LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 Photobiological Risk Class SDCM =   Warranty 5 years ELETRICAL AND LIGHTING FEATURES EN1322   Varranty 5 years ELETRICAL AND LIGHTING FEATURES EN1322   Stocking temperature -30 +50 °C Rated frequency (Hz) 50 / C   Operating temperature -30 +50 °C Rated frequency (Hz) 50 / C   Shield type Flat tempered glass 4mm Overvoltage protection DM 6 kV / CM 10 k   Optic Polished quartz and metallized PC HT Cotrol System DA   Gasket Anti-aging silicone Mounting and installation High-mast lighting - Wall mounting - Grour mouting   Colour Polyester powder coated Viring Watertight connect   Colour Polyester powder coated Fixing Brack   Classification - Light souce replaceability By profession   Device with reduced surface temperature No Cotrol gar replaceability By profession   Device with reduced surface temperature No Cot	Application	Indoor / Outdoor	Lumen output (Im)	35600
Type of light source LED Colour Rendering Index CRI>E   System power 330 W Standard Deviation Colour Matching SDCM =   LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h Photobiogical Risk Class Photobiogical Risk Class   Weight (kg) 13 Standard EN60598-1; EN60598-2-5; IEC 62778; IEC 6277	Unique digital code (Datamatrix)	Currently not present		108
System power   330 W   Standard Deviation Colour Matching   SDCM =     LED Lifetime   L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=40.000h; L80B10 (Tq25°C)=40.000h; L80B10   Photobiological Risk Class     Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62778; IEC 6247 EN132C     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   EN132C     Yarranty   5 years   Supply voltage   220 - 240     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 6     MATERIALS   Die-cast aluminium   Driver   Include     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 k     Optic   Polished quartz and metallized PC HT reflector   Control System   DA     Colour   Polyester powder coated   Wiring   Mounting and installation   High-mast lighting - Wall mounting - Grour mouting     StanDaRDS AND APPROVALS   -   Fixing   Barack   Barack     Classification   -   Light souce replaceability   By profession     Device with reduced surface temperature   No   Control gear replaceability   By profession     Device with reduced surface temperature   No <td>Colour</td> <td>Graphite grey</td> <td>Colour temperature</td> <td>4000 K</td>	Colour	Graphite grey	Colour temperature	4000 K
LED 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 6278; IEC 627	Type of light source	LED	Colour Rendering Index	CRI>80
Weight (kg)   13   Standard   EN60598-1; EN60598-2-5; IEC 62778; IEC 6247     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   -   Supply voltage   220 - 240     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 6     Body   Die-cast aluminum-   Driver failure rate   F10 = 100.000h Tq25°     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM & k/ / CM 10 k     Optic   Polished quartz and metallized PC HT   Control System   DA     Gasket   Anti-agi silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Grour moutin     Colour   Polyester powder coated   Wiring   Watertight connect   Watertight connect     Standards And APPROVALS   -   Fixing   Brack   By profession     Device with reduced surface temperature   No   Control gear replaceability   By profession     Device with reduced surface temperature   No   Control gear replaceability   By profession     Device with reduced surface temperature   No   Control gear replaceability   By profession     Device with red	System power		Standard Deviation Colour Matching	SDCM = 3
Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   - 30 +50 °C   Rated frequency (Hz)   220 - 240     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 6     MATERIALS   -   Driver   Include     Body   Eletate more datas aluminium   Driver failure rate   F10 = 100.000h Tq25°     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 k     Optic   Polished quartz and metallized PC HT refficient   Control System   DA     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Grour moutin     Colour   Polyester powder coated   Wiring   Watertight connect   gonimuting and installation   High-mast lighting - Wall mounting - Grour moutin     Classification   -   Light souce replaceability   By profession   Bo profession     Device with reduced surface temperature   No   Control Gear replaceability   By profession     Din 18032-3 certification   Yes   Driver Box   Built-     IPEA   -   Maximum surface exposed to the wind   0,170 m	LED Lifetime		Photobiological Risk Class	-
Stocking temperature   -   Supply voltage   220 - 240     Operating temperature   -30 + 50 °C   Rated frequency (Hz)   50 / 6     MATERIALS   -   Driver   Include     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq25°     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 k     Optic   Polished quartz and metallized PC HT   Control System   DA     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   DA     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Grour moutin     Colour   Polyester powder coated   Wiring   Watertight connect     Stainless steel   Tilt   Rotation on bracket with integrate gonormeter     Colour   Polyester powder coated   Wiring   Watertight connect gonormeter     Stainless steel   Fixing   By profession   By profession     Device with reduced surface temperature   No   Control Grear replaceability   By profession     Device with reduced surface temperature   No   Control Grear replaceability   By profession     <	Weight (kg)	13	Standard	EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201
Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 6     MATERIALS   Driver   Include     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq25°     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 k     Optic   Polished quartz and metallized PC HT reflector   Control System   DA     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Group mount     External screw   Stainless steel   Tilt   Rotation on bracket with integrate gonoimet     Colour   Polyester powder coated   Wiring   Wiring By profession     Device with reduced surface temperature   No   Control gear replaceability   By profession     Divice with reduced surface temperature   No   Control gear replaceability   By profession     Divice with reduced surface temperature   No   Control gear replaceability   By profession     Divice group   Yes   Driver Box   Built-   0,170 rr     Ipegree   IP66   IP66   Maximum surface exposed to the wind   0,170 rr	Warranty	5 years	ELETRICAL AND LIGHTING FEAT	URES -
MATERIALS   Driver   Include     Body   Die-cast aluminium -   Driver failure rate   F10 = 100.000h Tq25°     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 k     Optic   Polished quartz and metallized PC HT reflector   Control System   DA     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   INSTALLATION AND MAINTENANCE     External screw   Stainless steel   Tilt   Rotation on bracket with integrate goniometr     Colour   Polyester powder coated   Wiring   Wiring   By profession     StanDARDS AND APPROVALS   -   Fixing   By profession     Device with reduced surface temperature   No   Control gear replaceability   By profession     DIN 18032-3 certification   Yes   Driver Box   Built- IPEA   -     II   II   II   II   II     IP degree   IP66   III   III   III	Stocking temperature	-	Supply voltage	220 - 240 V
Body   Die-cast aluminium -   Driver failure rate   F10 = 100.000h Tq25°     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 k     Optic   Polished quartz and metallized PC HT   Control System   DA     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   DA     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Grour moutin     External screw   Stainless steel   Tilt   Rotation on bracket with integrate gonomete     Colour   Polyester powder coated   Wiring   Wiring   By profession     Stainless   -   Fixing   By profession   By profession     Device with reduced surface temperature   No   Control gear replaceability   By profession     Diver failure rate   Yes   Driver Box   Built-     IPEA   -   Maximum surface exposed to the wind   0,170 m     IP degree   IP66   IP66   IP66   IP66	Operating temperature	-30 +50 °C	Rated frequency (Hz)	50 / 60
Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10 k     Optic   Polished quartz and metallized PC HT   Control System   DA     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   DA     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Grour moutin     External screw   Stainless steel   Tilt   Rotation on bracket with integrate goniomete     Colour   Polyester powder coated   Wiring   Watertight connect     Stainless   Fixing   Brack   Brack     Classification   -   Light souce replaceability   By profession     Device with reduced surface temperature   No   Driver Box   Built-     IPEA   -   Maximum surface exposed to the wind   0,170 m     Insulation class   II   IP66   II   II	MATERIALS	-	Driver	Included
Optic   Polished quartz and metallized PC HT reflector   Control System   DA     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   DA     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Grour moutin     External screw   Stainless steel   Tilt   Rotation on bracket with integrate goniometr     Colour   Polyester powder coated   Wiring   Watertight connect     STANDARDS AND APPROVALS   -   Fixing   By profession     Device with reduced surface temperature   No   Control Gear replaceability   By profession     DIN 18032-3 certification   Yes   Driver Box   Built-IPEA   0,170 m     Insulation class   II   IP degree   IP66   IPE6   IPE6	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 - Grour moutin     External screw   Stainless steel   Tilt   Rotation on bracket with integrate goniomete     Colour   Polyester powder coated   Wiring   Watertight connect     STANDARDS AND APPROVALS   Fixing   By profession     Device with reduced surface temperature   No   Controlgear replaceability   By profession     DIN 18032-3 certification   Yes   Driver Box   Built-IPEA     IPEA   -   Maximum surface exposed to the wind   0,170 m     IP degree   IP66   IPEA   -	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 - Grour moutin   External screw Stainless steel Tilt Rotation on bracket with integrate goniomete   Colour Polyester powder coated Wiring Watertight connect   STANDARDS AND APPROVALS - Fixing Brack   Classification - Light souce replaceability By profession   Device with reduced surface temperature No Controlgear replaceability By profession   DIN 18032-3 certification Yes Driver Box Built-IPEA   Insulation class II IP degree IP66	Optic		Control System	DALI
External screw   Stainless steel   Tilt   Rotation on bracket with integrate goniomete     Colour   Polyester powder coated   Wiring   Wiring   Watertight connect     STANDARDS AND APPROVALS   -   Fixing   Brack     Classification   -   Light souce replaceability   By profession     Device with reduced surface temperature   No   Controlgear replaceability   By profession     DIN 18032-3 certification   Yes   Driver Box   Built-     IPEA   -   Maximum surface exposed to the wind   0,170 m     Insulation class   II   IP66   IP66	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENAM	ICE -
Colour   Polyester powder coated   Wiring   Watertight connect     STANDARDS AND APPROVALS   -   Fixing   Brack     Classification   -   Light souce replaceability   By profession     Device with reduced surface temperature   No   Controlgear replaceability   By profession     DIN 18032-3 certification   Yes   Driver Box   Built-IPEA     Insulation class   II   IP66   IP66	Locking Hook	Hexagonal metric screws	Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
STANDARDS AND APPROVALS   -   Fixing   Brack     Classification   -   Light souce replaceability   By profession     Device with reduced surface temperature   No   Controlgear replaceability   By profession     DIN 18032-3 certification   Yes   Driver Box   Built-     IPEA   -   Maximum surface exposed to the wind   0,170 m     Insulation class   II   IP66   IP66	External screw	Stainless steel	Tilt	Rotation on bracket with integrated goniometer
Classification - Light souce replaceability By profession   Device with reduced surface temperature No Controlgear replaceability By profession   DIN 18032-3 certification Yes Driver Box Built-   IPEA - Maximum surface exposed to the wind 0,170 m   Insulation class II IP66 IP66	Colour	Polyester powder coated	Wiring	Watertight connector
Device with reduced surface temperature No Controlgear replaceability By profession   DIN 18032-3 certification Yes Driver Box Built-   IPEA - Maximum surface exposed to the wind 0,170 m   Insulation class II IPE6 IPE6	STANDARDS AND APPROVALS	-	Fixing	Bracket
DIN 18032-3 certification Yes Driver Box Built-   IPEA - Maximum surface exposed to the wind 0,170 m   Insulation class II Insulation class II   IP degree IP66 IP66	Classification	-	Light souce replaceability	By professional
IPEA - Maximum surface exposed to the wind 0,170 m   Insulation class II   IP degree IP66	Device with reduced surface temperat	ure No	Controlgear replaceability	By professional
Insulation class II IP degree IP66	DIN 18032-3 certification	Yes	Driver Box	, Built-in
Insulation class II IP degree IP66	IPEA	-	Maximum surface exposed to the w	ind 0,170 m2
	Insulation class			-
Mechanical resistance IK08	IP degree	IP66		-
	Mechanical resistance	IK08		-
Glow Wire Test -	Glow Wire Test	-		-

## DIMENSIONAL



## PHOTOMETRIC DISTRIBUTION



## **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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SMART [PRO] 2.0



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