Product Data Sheet GWP2283NB

SMART [PRO] 2.0



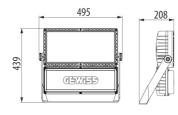
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

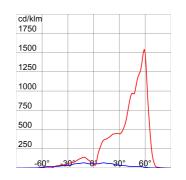
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anticondensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 2.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

ContextSport, Big AreasOpticA3 - Asymetric NarrowLuminaireLED luminaire with small, mid and high lumen powerUnified Glare RatingG*6 - ULOR = 0ApplicationIndoor / OutdoorLumen output (Im)34500Unique digital code (Datamatrix)Currently not presentEfficacy (ImW)15ColourGraphite greyColour temperature3000 KSystem power330 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25*C)=40.000h; L80B10 (Tq25*C)=90.00hPhotobiological Risk Class-Weight (kg)13StandardEN60598-1; EN60598-25; IEC 62778; IEC 62471; EN3204EN1201Waranty5 yearsELETICAL AND LIGHTING FEATURES-Varranty5 yearsELETICAL AND LIGHTING FEATURES-Stocking temperature-30 + 50 °CRated frequency (Hz)50 / 60MarterALS-Driver failure rateF10 = 100.000h Tq25°CStocking temperature-30 + 50 °CRated frequency (Hz)50 / 60MarterALS-Driver failure rateF10 = 100.000h Tq25°CStocking temperature-Orevroltage protectionDM 6 kV / ON VOpticPolished anodised aluminum reflector with 99.9% pureControl SystemDALIGasketAnti-aging silicomItist Class steelTitlRotation on bracket with integrated goionmeterColourPolyester powder coatedWiringWaterignated GoionmeterBy professional Mounting and installationHigh-mast lighting -	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEAT	URES -
Application Indoor / Outdoor Lumen output (im) 34500 Unique digital code (Datamatrix) Currently not present Efficacy 105 Colour Graphite grey Colour Rendering Index CRI>80 System power 330 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 Photobiological Risk Class - Weight (kg) 13 Standard Deviation Colour Matching SDCM = 3 Varranty 5 years ELETRICAL AND LIGHTING FEATURES - Operating temperature - 30 +50 °C Rated frequency (Hz) 50 / 60 Marranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature - 30 + 50 °C Rated frequency (Hz) 50 / 60 Matterials - Driver failure rate F10 = 100.000h Tq25°C - Stander Guenency (Hz) Polished anodised aluminum reflector with 99.99% pure aluminum Overvoltage protection DM & KV CM1 0 kV Gasket Anti-aging silicone aluminum Tit Rotation on bracket withintegrated ganotinestallation High-mast lighting - Wa	Context	Sport, Big Areas	Optic	A3 - Assymetric Narrow
Unique digital code (Datamatrix) Currently not present (ImWW) Efficacy 105 Colour Graphite grey Or light source Colour Rendering Index CRI>80 System power 330 W Standard Deviation Colour Matching SDCM = 3 LD Lifetime L90B10(Tq25*C)=40.000h; L80B10 (Tq25*C)=90.000h Photobiological Risk Class - Weight (kg) 13 Standard Deviation Colour Matching SDCM = 3 Veight (kg) 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -30 + 50 *C Rated frequency (Hz) 50 / 60 Stocking temperature -30 + 50 *C Rated frequency (Hz) 50 / 60 MatTERIALS Die-cast aluminium - Body Driver failure rate F10 = 100.000h Tq25*C - Shield type Flat tempered glass 4mm Overoltage protection DAL I - Gasket Anti-aging silicon - - Mounting and installation High-mast lighting - Wall mounting - Ground mouting - Colour Polyester powder coated Wiring Watertight connector - Stanless steel Tilt Rotation on bracket within integrated goniometer - <td>Luminaire</td> <td></td> <td>Unified Glare Rating</td> <td>G*6 - ULOR = 0</td>	Luminaire		Unified Glare Rating	G*6 - ULOR = 0
Colour Graphite grey Colour temperature 3000 K Type of light source LED Colour Rendering Index CRI>800 System power 330 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=90.000h Photobiological Risk Class - Weight (kg) 13 Standard Deviation Colour Matching SDCM = 3 Waranty 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 Qptic Polished anodised aluminum reflector with 99.99% pure duminum Control System DM 6 kV / CM 10 kV Optic Polished anodised aluminum reflector with 99.99% pure duminum Mounting and installation High-mast lighting - Wall mounting - Ground mouting Colour Polyester powder coated Wiring Watertight connector goviesional Mounting and installation Standard Standers steel Fixing Fixing By professional Device with reduced surface temperature No Control System By professional Device with reduced surface temperature No Control gear replaceability <td< td=""><td>Application</td><td>Indoor / Outdoor</td><td>Lumen output (Im)</td><td>34500</td></td<>	Application	Indoor / Outdoor	Lumen output (Im)	34500
Type of light source LED Colour Rendering Index CRI>80 System power 330 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 Photological 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 Operating temperature -30 +50 °C Rated frequency (Hz) 50 / 60 MATERIALS - Driver failure rate F10 = 100.000h Tq25°C Body Die-cast aluminum 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 INSTALLATION AND MAINTENANCE - Colour Polyester powder coated Wiring Watertight connector Mounting and installation High-mast lighting - Wall mounting - Ground mouting - Ground m	Unique digital code (Datamatrix)	Currently not present		105
System power 330 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h Photobiological Risk Class - Weight (kg) 13 Standard Deviation Colour Matching SDCM = 3 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -30 +50 °C Rated frequency (Hz) 50 / 60 Body Die-cast aluminium Driver Rated frequency (Hz) 50 / 60 Body Die-cast aluminum Driver failure rate F10 = 100.000h Tq25°C - Shield type Flat tempered glass 4mm Overvoltage protection DM & KV / CM 10 kV Optic Polished anodised aluminum reflector with 99.99% pure aluminum INSTALLATION AND MAINTENANCE - Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall mounting - Ground mouting Colour Polyester powder coated Wiring Watertight connector Straket Classification - Light souce replaceability By professional Device with reduced surface temperature No Control gear replaceability By professional	Colour	Graphite grey	Colour temperature	3000 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 62778; IEC 62771; EC 62778; IEC 6	Type of light source	LED	Colour Rendering Index	CRI>80
Weight (kg) 13 Standard EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN40598-2-5; IEC 62471; EN40598-2-5; IEC 62471; EN40598-2-5; IEC 62778; IEC 62471; EN40598-2-5; IEC 62471; EN40598-2;	System power	330 W	Standard Deviation Colour Matching	SDCM = 3
Warranty 5 years ELETRICAL AND LIGHTING FEATURES EN13201 Warranty 5 years Supply voltage 220 - 240 V 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 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 DAL I Gasket Anti-aging silicone INSTALLATION AND MAINTENANCE - Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall mounting - Ground mouting Colour Polyester powder coated Wiring Watertight connector STANDARDS AND APPROVALS - Fixing Braction on bracket with integrated gonolometer Divice with reduced surface temperature No Control gear replaceability By professional Device with reduced surface temperature No Controlgear replaceability By professional Divice with reduced surface temperature No Ma	LED Lifetime		Photobiological Risk Class	-
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Operating temperature -30 +50 °C Rated frequency (Hz) 50 / 60 MATERIALS - Driver Included Body Die-cast aluminum - Driver failure rate F10 = 100.000 hq25°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 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 No Control Gear replaceability By professional Divice with reduced surface temperature Yes Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,170 m2 Insulation class II Maximum surface exposed to the wind 0,170 m2	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 Control System DM 6 kV / CM 10 kV 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 Bracket Classification - 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 Maximum surface exposed to the wind 0,170 m2	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 99.99% pure aluminum Covervoltage protection 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 Bracket Classification - Light souce replaceability 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 Maximum surface exposed to the wind 0,170 m2	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 goniometer Colour Polyester powder coated Wiring Watertight connector STANDARDS AND APPROVALS - External surface temperature No Din 18032-3 certification - 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 - -	MATERIALS	-	Driver	
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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 professional DIN 18032-3 certification Yes Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,170 m2 Insulation class II - -	Optic Polishe		Control System	DALI
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 professional DIN 18032-3 certification Yes Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,170 m2 Insulation class II - -	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENAN	CE -
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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 - -	External screw	Stainless steel	Tilt	
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 -	Colour	Polyester powder coated	Wiring	Watertight connector
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 -	STANDARDS AND APPROVALS	S -	Fixing	Bracket
DIN 18032-3 certification Yes Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,170 m2 Insulation class II -	Classification	-	Light souce replaceability	By professional
IPEA - Maximum surface exposed to the wind 0,170 m2 Insulation class II -	Device with reduced surface temp	oerature No	Controlgear replaceability	By professional
Insulation class II -	DIN 18032-3 certification	Yes	Driver Box	Built-in
	IPEA	-	Maximum surface exposed to the wi	nd 0,170 m2
ID degree	Insulation class			-
IF degree	IP degree	IP66		-
Mechanical resistance IK08 -	Mechanical resistance	IK08		-
Glow Wire Test	Glow Wire Test	-		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY

E YEARS WARRANTY	







0 m2	

IP	IK
IP66	IK08

GWT

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



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