# Product Data Sheet GWP2175NB

SMART [PRO] 2.0



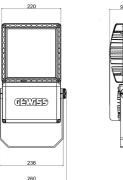
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

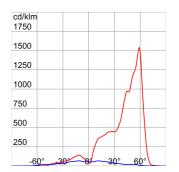
Luminaire     LED luminaire with small,mid and high lumen power     Unified Glare Rating     G*6 - ULOR = 0       Application     Indoor / Outdoor     Lumen output (im)     18800       Unique digital code (Datamatrix)     Currently not present     Efficacy     114       Colour     Graphite grey     Colour 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)=10.000h     Frotobiological Risk Class     -       Weight (kg)     5 years     Standard Deviation Colour Matching     SDCM = 5       Stocking temperature     -30 + 50 * C     Rated Trequency (Hz)     5 / 60       Opretring temperature     -30 + 50 * C     Rated Trequency (Hz)     5 / 60       Sheld type     Fila tempered glass 4mm     Oriver of Inter ate     F10 = 100.000h Tq25* C       Body     Die-cast aluminium     Driver falt tempered glass 4mm     Orivol System     DAI & Weindly furction on bracket with integrated golonometer       Golour     Polyester powder coated     Wring     Waterglan contect	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES -		
Application indoor / Outdoor Lumen output (im) 18800 Unique digital code (Datamatrix) Currently not present (im/W) Colour temperature 5700 K Colour temperature 5700 K Colour temperature 5700 K System power 165 W Standard Deviation Colour Matching SDCM = 5 LED Lifetime L90B10(Tq25*C)=50.000h; L80B10 (Tq25*C)=100.000 Weight (kg) 5.7 Standard Deviation Colour Matching SDCM = 5 Stocking temperature 5 years Stocking temperature 3 54 0° C MATERIALS 5 0° Die-ast at minium reflector with 99.99% pure Shield type Polished anodised aluminum reflector with 99.99% pure Colour Polished anodised aluminum reflector with 99.99% pure Locking Hook Hexagonal metric screws Stataless steel Tit Rono NDM And MAINTENANCE - Colour Polyester power coated Wiring Maintenance Maint	Context	Sport, Big Areas	Optic	A3 - Assymetric Narrow	
Application   Indoor / Outdoor   Lumen output (Im)   18800     Unique digital code (Datamatrix)   Currently not present   Efficacy   114     Colour   Graphite grey   Colour Rendering Index   CRI>700 K     Type of light source   LED   Colour Rendering Index   CRI>700 K     System power   165 W   Standard Deviation Colour Matching   SDCM = 5     LED Lifetime   L90B10(Tq25*C)=500 000h; L80B10   Photobiological Risk Class   -     Waranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   -   Driver failure rate   F10 = 100.000h Tq25*C   -     Stocking temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60   -     Matterials thype   Flat tempered glass 4mm   Overvoltage protection   DM & KV / CM 10 kV   Colour     Optic   Polished anodised aluminum reflector with 99 years   Control System   DIM & KV / CM 10 kV   -     Colour   Polyester power coated   Wring   Wing   Batch on obracket with integrated polyester power coated   Mounting and installation   High-mast	Luminaire	LED luminaire with small, mid and high lumen	Unified Glare Rating	G*6 - ULOR = 0	
Unique digital code (Datamatrix)   Currently not present   Efficacy (mWW)   114     Colour   Graphitle grey   Colour Rendering Index   CRI>70     Type of light source   LED   Colour Rendering Index   CRI>70     System power   LED   Standard Deviation Colour Matching   SDCM = 5     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=100.000h   Photobiological 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   50 / 60     MATERIALS   Driver   Flate tempered glass 4mm   Driver failure rate   F10 = 100.000h Tq25°C   50 / 60     Sheld type   Flat tempered glass 4mm   Overvoltage protection   DM & kV / CM 10 kV   Conucl System   DALL     Gasket   Anti-aging silicone   Mounting and installation   High-mast lighting - Wall mounting - Ground mounting		power			
Colour Graphite grey Colour temperature 5700 K   Colour Graphite grey Colour temperature 5700 K   System power 165 W Standard Deviation Colour Matching SDCM = 5   EED 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 -   Voperating temperature -30 +50 °C Rated frequency (Hz) 50 / 60   MarterRALS - Driver Included   Body Die-cast aluminium 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 Control System DALI   Colour Polyseter powder coated Wring Wring WaterIdot connector   Stainless steel Tit Rotation on bracket with integrated gonimeter Portogesional   Colour Polyseter powder coated Wring Wring Bracket   Classification - Light souce replaceability By professional   DN 1802-3 certification - Light souce replaceability <t< td=""><td>Application</td><td>Indoor / Outdoor</td><td>Lumen output (Im)</td><td>18800</td></t<>	Application	Indoor / Outdoor	Lumen output (Im)	18800	
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; L80B10   Photobiological Risk Class   -     Weight (kg)   5.7   Standard Deviation Colour Matching   SDCM = 5     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Voperating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     Operating temperature   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   Driver   Included   0/ervoltage protection   DM 6 kV / CM 10 kV     Optic   Polished anodised aluminum reflector with 99.99% pure aluminum   Included   Mounting and installation   High-mast lighting - Wall mounting - Ground goring     Gasket   Anti-aging silicone aluminum reflector with 99.99% pure aluminu	Unique digital code (Datamati	rix) Currently not present		114	
System power 165 W Standard Deviation Colour Matching SDCM = 5   LED Lifetime L90B10(Tq25*C)=50.000h; L80B10 (Tq25*C)=101.000h Photobiological Risk Class -   Warranty 5.7 Standard Deviation Colour Matching SDCM = 5   Warranty 5 years Standard EN60598-1; EN60598-2-5; EN60598-2-4; IEC 62778; IEC 6277	Colour	Graphite grey	Colour temperature	5700 K	
LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=110.000h   Photobiological Risk Class   -     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   -30 +50 °C   Rated frequency (Hz)   50 / 60     MATERIALS   Driver failure rate   F10 = 100.000h Tq25°C   -     Sheld 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     Color   Polyester powder coated   Wring   Watertlight connector     StanDARDS AND APPROVALS   Fixing   Bracket   Fixing     Classification   Light souce replaceability   By professional   By professional     Divice with reduced surface temperature   Yes   Driver Rox   Built-in     Divice gree   Ife6   -   Maximum surface exposed to the wind   0,085 m2	Type of light source	LED	Colour Rendering Index	CRI>70	
(Tq25°C)=110.000h       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     -     Supply voltage     220 - 240 V       Operating temperature     -     Supply voltage     220 - 240 V       Mattenials     Diver     Rated frequency (Hz)     50 r60       MATERIALS     Diver failure rate     F10 = 100.000h Tq25°C       Optic     Polished anodised aluminum reflector with 99.99% pure aluminum     Overoltage protection     DM 6 kV / CM 10 kV       Gasket     Anti-aging silicone     INSTALLATION AND MAINTENANCE     -       External screw     Stainless steel     Tilt     Rotation on bracket with integrated goniometer       Colour     Polyester powder coated     Wring     Watertight connector       Stainless steel     Fixing     Barcket     Diver Box     By professional       Device with reduced surface temperature     Yes     Control gear replaceability     By professional	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 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   Overvoltage protection   DM 6 KV / CM 10 kV     Gasket   Anti-aging silcone Locking Hook   Hexagonal metric screws   INSTALLATION AND MAINTENANCE   -     External screw   Stainless steel   Tit   Rotation on bracket with integrated goniometer   -     Cloour   Polyester powder coated   Wiring   Watertight connector   Bracket     STANDARDS AND APPROVALS   Fixing   Bracket   Device with reduced surface temperature   Yes     IPEA   -   Maximum surface exposed to the wind   0,085 m2     IPU Also 2-3 certification   IP66   -   -     IP degree   IP66   -   - <td>LED Lifetime</td> <td></td> <td>Photobiological Risk Class</td> <td>-</td>	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     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   Cortrol System   DALI     Gasket   Anti-aging silicone Locking Hook   Hexagonal metric screws   INSTALLATION AND MAINTENANCE   -     Colour   Polyester powder coated   Wiring   Watertight connector   Guonector     StanDARDS AND APPROVALS   -   Fixing   Bracket   Bry professional     Device with reduced surface temperature   Yes   Driver Box   By professional     Divide Scale   -   Maximum surface exposed to the wind   0,085 m2     IPEA   -   Maximum surface exposed to the wind   0,085 m2     Insulation class   II   -   -     IP degree   IP66   -   -     Mechanical resistance   IK08 </td <td>Weight (kg)</td> <td>5.7</td> <td>Standard EN60</td> <td></td>	Weight (kg)	5.7	Standard EN60		
Operating temperature-30 +50 °CRated frequency (Hz)50 / 60MATERIALS-DriverIncludedBodyDie-cast aluminiumDriver failure rateF10 = 100.000 h Tq15 °CShield typeFlat tempered glass 4mmOvervoltage protectionDM 6 kV / CM 105 °COpticPolished anodised aluminum reflector with 99.99% pure aluminumControl SystemDM 6 kV / CM 104 °CGasketAnti-aging silicone Locking HookHexagonal metric screwsNSTALLATION AND MAINTENANCE-External screwStainless steelTiltRotation on bracket with integrated gonometer-ColourPolyester powder coatedWiringWatertight connectorStainless steelFixingBay rofessional Device with reduced surface temperatureYesDevice with reduced surface temperatureYesControlgear replaceabilityBy professional Diver BoxDin 18032-3 certificationYesDriver BoxBuilt-inIP EAIIIP degreeIP66Mechanical resistanceIK08	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   Mounting and installation   High-mast lighting - Wall mounting - wouling mouting mout	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     Stainless steel   Fixing   By professional     Device with reduced surface temperature   Yes   Control gear replaceability   By professional     DIN 18032-3 certification   Yes   Driver Box   Built-in     IPEA   IP66   -   -     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 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   Water plate anolity   By professional     StainSignation   -   Light souce replaceability   By professional   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   IP   -   -   -     IP degree   IP66   -   -   -	MATERIALS	-	Driver	Included	
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   Watertight connector     STANDARDS AND APPROVALS   -   Exign source replaceability   By professional     Device with reduced surface temperature   Yes   Control System   Built-in     IPEA   -   Maximum surface exposed to the wind   0,085 m2     Insulation class   II   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   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	Flat tempered glass 4mm	Overvoltage protection	DM 6 kV / CM 10 kV	
Locking HookHexagonal metric screwsMounting and installationHigh-mast lighting - Wall mounting - Ground moutingExternal screwStainless steelTiltRotation on bracket with integrated oniometerColourPolyester powder coatedWiringWatertight connectorSTANDARDS AND APPROVALS-FixingBracketClassification-Light souce replaceabilityBy professionalDevice with reduced surface temperatureYesControlgear replaceabilityBy professionalDIN 18032-3 certificationYesDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind0,085 m2Insulation classIIIP degreeIP66Mechanical resistanceIK08	Optic Poli		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	CE -	
goniometer       Colour     Polyester powder coated     Wiring     Watertight connector       STANDARDS AD 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	
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 -	Classification	-	Light souce 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 -	Device with reduced surface t	temperature Yes		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 wir	nd 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 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 GWP2175NB**

SMART [PRO] 2.0







0,085 m2

IK

IK08

IP

IP66

GWT -

### STANDARDS/APPROVALS



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