Product Data Sheet GWP2174NB

SMART [PRO] 2.0



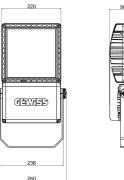
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

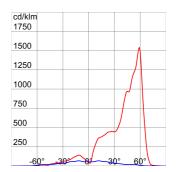
Luminaire LED luminaire with small,mid and high lumen power Unified Glare Rating G*6 - ULOR = 0 Application Indoor / Outdoor Lumen output (im) 18800 Unique digital code (Datamatrix) Currently not present Efficacy 114 Colour Graphite grey Colour Rendering Index CRI>70 Ype of light source LED Colour Rendering Index CRI>70 System power 165 W Standard Deviation Colour Matching SDCM = 5 LED Lifetime L90B10(Tq25*C)=100.0001: K100B10 (Tq25*C)=110.000h Filoabiological Risk Class - Weight (kg) 57 Standard Deviation Colour Matching 220 - 240 V Stocking temperature -30 + 50 °C Rated Trequency (Hz) 50 / 60 Martenial, Ethomered glass 4mm Overvoltage protection DM 6 kV / CM 10 kV Control System DM 6 kV / CM 10 kV Optic Polished anodised aluminum reflector with 99.9% pure aluminum Tit Rotation on bracket with integrated goninometer Colour Polyester powder coated Wiring Watengrate Risk Class Julie Colour Polyester powder coated <th>GENERAL INFORMATION</th> <th>-</th> <th colspan="3">OPTIC AND ILLUMINATING FEATURES -</th>	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES -		
Application indoor / Outdoor Lumen output (lm) is 8800 Unique digital code (Datamatrix) Currently not present (mW) Colour Graphite grey Colour temperature 4000 K Colour temperature 1ED Colour temperature 4000 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 30 + 50 °C Rated frequency (Hz) 50 / 60 MATERIALS 5 00 / 00 / 00 / 00 / 00 / 00 / 00 / 0	Context	Sport, Big Areas	Optic	A3 - Assymetric Narrow	
Application Indoor / Outdoor Lurnen output (im) 18800 Unique digital code (Datamatrix) Currently not present Efficacy 114 Colour Graphite grey Colour Rendering Index CRI>70 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)=500.00%, IR0B10 Photobiological Risk Class - Warantly 5 years ELETRICAL AND LIGHTING FEATURES - Vorting temperature -30 +50 °C Rated frequency (Hz) 50 / 60 MATERIALS - Driver failure rate F10 = 100.000 h 1265*C Warantly Die-cast aluminium- Driver failure rate F10 = 100.000 h 1265*C Material to preserve - Supply voltage 20 - 240 V Operating temperature -30 +50 °C Rated frequency (Hz) 50 / 60 MATERIALS - Driver failure rate F10 = 100.000 h 1265*C - Sheld type F1at tempered glass 4m Overvoltage protection DM 6 kV / CM 10 kV - Optic Polished a	Luminaire	LED luminaire with small, mid and high lumen	Unified Glare Rating	G*6 - ULOR = 0	
Unique digital code (Datamatrix) Currently not present Efficacy (max) 114 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)=510.000h; 250 Standard Deviation Colour Matching SDCM = 5 Warranty 5 Standard Deviation Colour Matching SDCM = 5 Warranty 5 Standard Deviation Colour Matching SDCM = 5 Operating temperature - 50 Standard Deviation Colour Matching SDCM = 5 Operating temperature - 30 + 50°C Standard Deviation Colour Matching SDCM = 5 Operating temperature - 30 + 50°C Standard Eviation Colour Matching SDCM = 5 Sheld type Flat tempered glass 4mm Oriver failure rate F10 = 100.000h Tq25°C Soply cologie Soply cologie DM & KV / CM 10 kV Optic Polished anodised aluminum reflector with 99.99% pure aluminum Overvoltage protection Mounting and installation High-mast lighting - Wall mounting - Ground mouting - Ground mouting - Ground mouting - Ground mouting - Ground metric screws Stainless steel Mounting and installation High-mast lighting - Wall mounting - Ground mo					
Colour Graphite grey Colour temperature 4000 K Colour Graphite grey Colour temperature 4000 K System power 165 W Standard Deviation Colour Matching SDCM = 5 LED Lifetime L90B10(Tq25°C)=50.000h 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 MatTERIALS Driver Included Driver failure rate F10 = 100.000h Tq25°C Shield type Flat tempered glass 4mm Overvoltage protection DM & kV / CM 10 kV OVervoltage protection DM & kV / CM 10 kV Colour Polyseter powder coated Ming main installation High-mast lighting - Wall mounting - Ground mounting - Control System - Colour Polyseter powder coated Wiring Wiring Bracket Classification - Light souce replaceability By professional Device with reduced surface temperature Yes Fixin	Application		Lumen output (Im)	18800	
Type of light sourceLEDColour Rendering IndexCRI>70System power165 WStandard Deviation Colour MatchingSDCM = 5LED LifetimeL90B10(Tq25°C)=50.000h; L80B10Photobiological Risk ClassSWright (kg)5.7Standard Deviation Colour MatchingSDCM = 5Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-30 +50 °CRated frequency (Hz)50 / 60MATERIALSDriver failure rateF10 = 100.000 h q25°CSolver of the stockingDoriverSoketAnti-aging siliconeLISTLALTION AND MAINTENANCEColourPolished anodised aluminum reflector with 99.99% pure aluminumControl SystemColourPolyester powder coatedTiltRotation on bracket with integrated goniometer-ColourPolyester powder coatedWiringWiringWatertight connector goniometerStainless steelControl SystemElight source replaceabilityBy professional BrixerDIN 18032-3 certification-Light source replaceabilityBy professional BrixerIPEA-Maximum surface exposed to the wind0.065 mall GoniometerIPEA-Maximum surface exposed to the wind0.065 mall GoniometerStainless steelIIMaximum surface exposed to the wind0.065 mall GoniometerColourPolyester powder coatedIIMaximum surface exposed to the wind0.065 mall GoniometerColourPolyester powder c	Unique digital code (Datamat	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)=10.00h Photobiological Risk Class - Warranty 5.7 Standard Deviation Colour Matching SDCM = 5 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Voerating temperature - Supply voltage 220 - 240 V Operating temperature - Supply voltage 220 - 240 V Operating temperature - Stradge protection Dufver Body Die-cast aluminum Diver rature rate F10 = 100.000h Tq25°C Shield type Flat tempered glass 4mu Overvortage protection DM K // 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 Mounting and installation High-mast lighting - Wall mounting - Ground mouting Colour Polyester powder coated Wiring Wiring Barcacket Gontrol System Barcacket goniometer Classification - Light soce replaceability By professional Diver Box By professional Diver Box By professional Diver Box Bastand device exposed to the wind 0,085 m2 -	Colour	Graphite grey	Colour temperature	4000 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; IEC62471; EN13201 Warranty 5 years Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201 Stocking temperature - Supply voltage 220 - 240 V Operating temperature -30 +50 °C Rated frequency (Hz) 50 / 60 MATERIALS 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 - Gasket Anti-aging silicone Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall mounting - Ground mouting Clour Polyester powder coated Wring Watertlight connector Stanloars (classification Light souce replaceability By professional Device with reduced surface temperature Yes Driver Box Built-in Device with reduced surface temperature Yes Driver Box Built-in	Type of light source	LED	Colour Rendering Index	CRI>70	
Weight (kg) 5.7. Standard EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62776; IEC62471; EN13201 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature - Supply voltage 220 - 240 V Operating temperature -30 +50 °C Rated frequency (Hz) 50 / 60 MATERIALS Driver Included Driver failure rate F10 = 100.000h Tq25°C Shield type Polished anodised aluminum reflector with 99.99% pure aluminum Overvoltage protection DM 6 kV / CM 10 kV Control System DALI Control System DALI Gasket Anti-aging silicone INSTALLATION AND MAINTENANCE - Colour Polyester powder coated Wring Watertight connector with interpated glass steel Tilt Rotation on bracket with interpated glass of the regulation connector gonteremplaceability By professional D	System power	165 W	Standard Deviation Colour Matching	SDCM = 5	
Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Warranty 5 years 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 = 100.000 h KV / OM 10 kV Optic Polished anodised aluminum reflector with 99.99% pure aluminum Overvoltage protection DM 6 kV / OM 10 kV Gasket Antt-aging silicone aluminum INSTALLATION AND MAINTENANCE - Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall mounting - Ground mouting STANDARDS AND APPROVALS - Fixing Bracket Classification - Light souce replaceability By professional Device with reduced surface temperature Yes Driver Box Bility professional Device with reduced surface temperature Yes Driver Box Bility professional Device with reduced surface temperature Yes Driver Box Bility professional Device with reduced surface temperature Yes Driver Box Bility o	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 Overvoltage protection DM 6 kV / CM 10 kV Gasket Anti-aging silicone aluminum INSTALLATION AND MAINTENANCE - Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall mounting - Ground mounting 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 Driver Box Bilt-in IPEA - Maximum surface exposed to the wind 0,085 m2	Weight (kg)	5.7	Standard EN60		
Operating temperature-30 +50 °CRated frequency (Hz)50 / 60MATERIALS-DriverIncludedBodyDie-cast aluminiumDriver failure rateF10 = 100.000 h Tq25°CShield typeFlat tempered glass 4mmOvervoltage protectionDM 6 kV / CM 10 kVOpticPolished anodised aluminum reflector with 99.99% pure aluminumControl SystemDALIGasketAnti-aging silicone aluminumINSTALLATION AND MAINTENANCE-Locking HookHexagonal metric screwsTiltRotation on bracket with integrated gonometer-ColourPolyester powder coatedWiringWatertight connectorBracketClassification-Light souce replaceabilityBy professional Device with reduced surface temperatureYesDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind0,085 m2Insulation classIIIIIPedegreeIP66Mechanical resistanceIK08	Warranty	5 years	ELETRICAL AND LIGHTING FEATU	JRES -	
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 - Wulling mounting mou	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 teel Fixing By professional Device with reduced surface temperature Yes Control gear replaceability By professional DIN 18032-3 certification Yes Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,085 m2 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 Wiring Bracket Classification - Light souce replaceability By professional Device with reduced surface temperature Yes Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,085 m2 IP degree 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 STANDARDS AND APPROVALS Fixing Bracket Classification - Light souce replaceability 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 degree IP66 - - Mechanical resistance IK08 - -	Body	Die-cast aluminium -	Driver failure rate	F10 = 100.000h Tq25°C	
aluminum aluminum Gasket Anti-aging silicone INSTALLATION AND MAINTENANCE - Locking Hook Hexagonal metric screws Mounting and installation High-mast lighting - Wall wounting - 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 -	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 - - IPegree IP66 - - Mechanical resistance IK08 - -	Optic Pol		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 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 - - 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 - - IPedgree 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 APPROV	/ALS -	Fixing	Bracket	
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	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	I		-	
	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 GWP2174NB

SMART [PRO] 2.0







IK

IK08

IP

IP66

GWT -

STANDARDS/APPROVALS



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. - 2 of 2