

## Product Data Sheet GWP2185LD

SMART [PRO] 2.0



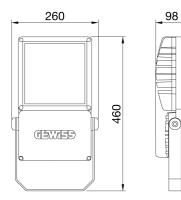
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

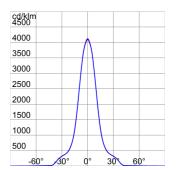
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anticondensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 1. Driver integrated in options 1-10 V or DALI. 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 protection and impacts up to IK08.

Luminaire     LED luminaire with small,mid and high lumen power     Unified Glare Rating     G*6 - ULOF       Application     Indoor / Outdoor     Lumen output (lm)     18       Unique digital code (Datamatrix)     Currently not present     Efficacy (lmW)     18       Colour     Graphite grey     Colour Rendering Index     Cr       Colour     Graphite grey     Colour Rendering Index     Cr       System power     L90B10(Tq25*C)=50.000h; L80B10 (Tq25*C)=10.000h     Standard Deviation Colour Matching     SDCI       Weight (kg)     5.7     Standard Deviation Colour Matching     SDCI       Warranty     5 years     ELETRICAL AND LIGHTING FEATURES     ELETRICAL AND LIGHTING FEATURES       Stocking temperature     -30°C + 50°C     Rated frequency (Hz)     50°C       Matterial type     Flat tempered glas 4mm     Oriver failure rate     F10 = 100.000h Tq       Optic     Polished quartz and metallized PC HT     reflector     Control System       Colour     Polyster powder coated     Mounting and installation     High-mast lighting - Wall mounting - Gr       Gasket     Anti-aging silicone     Mounting and installation     High-mast lighting - Wall mo	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING F	EATURES -		
Application     Indoor / Outdoor     Lumen output (Im)     11       Unique digital code (Datamatrix)     Currently not present     Efficacy     Im(W)     11       Colour     Graphite grv     Colour temperature     57       Type of light source     LED     Colour temperature     57       System power     165 W     Standard Deviation Colour Matching     SDCN       LED Lifetime     L90B10(Tq25°C)=50.000h; L80B10     Photobiological Risk Class     Photobiological Risk Class       Weight (kg)     5.7     Standard Deviation Colour Matching     SDCN       Varranty     5 years     ELETICAL AND LIGHTING FEATURES     ELEC62471; EN1:       Stocking temperature     -30°C + +50 °C     Rated frequency (Hz)     50       MATERIALS     Die-cast aluminium     Driver failure rate     F10 = 100.000h TG       Optic     Polished quartz and metalized PC H     Control System     Mounting and installation     High-mast lighting - Wall mounting - Gr       Gasket     Anti-aging sillcone     INSTALLATION AND MAINTENANCE     Mounting and installation     High-mast lighting - Wall mounting - Gr       Colour     Polyester powder coated     Wir	Context	Sport, Big Areas	Optic	C2 - Circular 25°		
Unique digital code (Datamatrix)   Currently not present   Efficacy (im/W)     Colour   Graphite grey   Colour temperature   57     Type of light source   LED   Colour temperature   57     System power   165 W   Standard Deviation Colour Matching   SDCN     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=110.000h   Photobiological Risk Class   Standard Deviation Colour Matching   SDCN     Weight (kg)   5.7   Standard Deviation Colour Matching   SDCN   IEC62471; EN1     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   IEC62471; EN1     Yarranty   5 years   Supply voltage   220 - 2     Operating temperature   -30°C 2 + 50°C   Rated frequency (Hz)   55     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq2     Optic   Polished quartz and metallized PC HT reflector   Control System   mounting - Gr     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Gr     Colour   Polyester powder coated   Wiring   Wateright Gr   Mounting and installation   High-mast lighting - Wall mounting	Luminaire L		Unified Glare Rating	G*6 - ULOR = 0		
Colour   Graphite grey   Colour temperature   57     Type of light source   LED   Colour Rendering Index   CR     System power   165 W   Standard Deviation Colour Matching   SDCN     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10   Photobiological Risk Class   File   Colour Rendering Index   CR     Weight (kg)   5.7   Standard Deviation Colour Matching   SDCN   EECE20471; EN1:     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   EEC62471; EN1:   EEC62471; EN1:     Varranty   5 years   Supply voltage   220 - 2   Operating temperature   - 30°C + +50 °C   Rated frequency (Hz)   50     MatTeRIALS	Application	Indoor / Outdoor	Lumen output (Im)	18700		
Type of light source   LED   Colour Rendering Index   CR     System power   165 W   Standard Deviation Colour Matching   SDCN     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10 (Tq25°C)=110.000h   Photobiological Risk Class   Standard Deviation Colour Matching   SDCN     Weight (kg)   5.7   Standard   EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62   IEC62471; EN1     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   IEC62471; EN1     Varranty   5 years   ELETRICAL AND LIGHTING FEATURES   IEC62471; EN1     Stocking temperature   -30°C + +50°C   Rated frequency (Hz)   500     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq2     Shield type   Flat tempered glass 4rm   Overvoltage protection   DM 6 kV / CM 1     Optic   Polished quartz and metallized PC HT   Control System   mounting - Gr     Casket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   mounting - Gr     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Gr     Colour   Polyester powder coated   Wiring   Watertight conn     Gasket	Unique digital code (Datamatrix)	Currently not present		113		
System power   165 W   Standard Deviation Colour Matching   SDCM     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10   Photobiological Risk Class   Photobiological Risk Class     Weight (kg)   5.7   Standard Deviation Colour Matching   EN60598-2-5; EN60598-2-24; IEC 62     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   IEC62471; EN1     Stocking temperature   -   Supply voltage   220 - 2     Operating temperature   -30°C + 50°C   Rated frequency (Hz)   50°C     MATERIALS   -   Driver failure rate   F10 = 100.000 h (k V/ CM 10)     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 10     Optic   Polished quartz and metallized PC HT reflector   Control System   Mounting and installation   High-mast lighting - Wall mounting - Gr motor     Calour   Polyester powder coated   Tilt   Rotation on bracket with integr gonion     Calour   Polyester powder coated   Wiring   Watertight comn Brize     Claour   Polyester powder coated   Viring   Watertight comn Brize     Device with reduced surface temperature   Yes   Control gear replaceability   By profess <t< td=""><td>Colour</td><td>Graphite grey</td><td>Colour temperature</td><td>5700 K</td></t<>	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 62 IEC62471; EN1     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   IEC62471; EN1     Stocking temperature   - Supply voltage   220 - 2     Operating temperature   - Supply voltage   220 - 2     MATERIALS   - Driver   Incluster     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 1     Optic   Polished quartz and metallized PC HT   Control System   mounting and installation   High-mast lighting - Wall mounting - Gr     Gasket   Anti-aging silicone   INTALLATION AND MAINTENANCE   mounting and installation   High-mast lighting - Wall mounting - Gr     Colour   Polyester powder coated   Wiring   Watertight coater glass   mointing and installation   High-mast lighting - Bar Gr     Clour   Polyester powder coated   Wiring   Watertight coater glass   Bar Gr     Clour   Polyester powder coated   Wiring   Bar Gr   Bar Gr     Clour   Polyester powder coated   Wiring   Bar Gr   Bar Gr	Type of light source	LED	Colour Rendering Index	CRI>80		
Intervention   (Tq25°C)=110.000h     Weight (kg)   5.7     Standard   EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62     Warranty   5 years     Stocking temperature   -     Operating temperature   -30°C ÷ +50°C     MATERIALS   -     Driver   Falue of the prevention     Body   Die-cast aluminium     Optic   Polished quartz and metallized PC HT     Control System   Control System     External screw   Stainless steel     Colour   Polyester powder coated     Stainless steel   Tilt     Ratadiation   High-mast lighting - Wall mounting - Gr     Gloour   Polyester powder coated     Stainless steel   Tilt     Ratadiation   High-mast lighting - Wall mounting - Gr     Gloour   Polyester powder coated     Stainless steel   Tilt     Ratadiation   High-mast lighting - Wall mounting - Gr     Bevice with reduced surface temperature   Yes     Colour   Polyester powder coated   Wiring     Stainless steel   Filt   By profess     Driver   Experimentati	System power	165 W	Standard Deviation Colour Mat	ching SDCM = 3		
Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   -   Supply voltage   220 - 2     Operating temperature   -30°C ÷ +50 °C   Rated frequency (Hz)   50     MATERIALS   -   Driver   Incid     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq2     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 1     Optic   Polished quartz and metallized PC HT   Control System   Mounting and installation   High-mast lighting - Wall mounting - Gr     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Gr     Colour   Polyester powder coated   Tilt   Rotation on bracket with integg   gonigon     Colour   Polyester powder coated   Wiring   Watertight conn   Brac     Classification   -   Light souce replaceability   By professs     Device with reduced surface temperature   Yes   Controlgear replaceability   By professs     DIN 18032-3 certification   Available   Driver Box   Bra	LED Lifetime		Photobiological Risk Class	-		
Stocking temperature   -   Supply voltage   220 - 2     Operating temperature   -30°C ÷ +50°C   Rated frequency (Hz)   50     MATERIALS   -   Driver   Incli     Body   Die-cast aluminium -   Driver failure rate   F10 = 100.000h Tqi     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 1     Optic   Polished quartz and metallized PC HT reflector   Control System   Mounting and installation   High-mast lighting - Wall mounting - Gr     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   mounting and installation   High-mast lighting - Wall mounting - Gr     Colour   Polyester powder coated   Wiring   Watertight conn     STANDARDS AND APPROVALS   -   Fixing   Braction on bracket with integr     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   Yes   Control gear replaceability   By profess     Din 18032-3 certification   Available   Driver Box   By	Weight (kg)	5.7	Standard	EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201		
Operating temperature   -30°C + +50 °C   Rated frequency (Hz)   50°C     MATERIALS   -   Driver   Incluination     Body   Die-cast aluminium -   Driver failure rate   F10 = 100.000h Tqi     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 1     Optic   Polished quartz and metallized PC HT   Control System   Control System     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Gm mo     External screw   Stainless steel   Tilt   Rotation on bracket with integging on on the stallation   gonion     Colour   Polyster powder coated   Wiring   Wiring   Watertight conne fixing     Stainless   -   Fixing   By profess     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   Yes   Control Sea   By profess     DIN 18032-3 certification   Available   Driver Box   By profess	Warranty	5 years	ELETRICAL AND LIGHTING FEATURES -			
MATERIALS   Driver   Incluit     Body   Die-cast aluminium -   Driver failure rate   F10 = 100.000h Tq:     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 1     Optic   Polished quartz and metallized PC HT reflector   Control System   INSTALLATION AND MAINTENANCE     Gasket   Anti-aging silicone Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Gr motor     Colour   Polyster powder coated   Tilt   Rotation on bracket with integr gonion     Colour   Polyster powder coated   Wiring   Watertight conn Bring     Classification   -   Fixing   Brack Brack     Device with reduced surface temperature   Yes DIN 18032-3 certification   Available   Driver Box	Stocking temperature	-	Supply voltage	220 - 240 V		
Body   Die-cast aluminium -   Driver failure rate   F10 = 100.00h Tq     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 1     Optic   Polished quartz and metallized PC HT reflector   Control System   Control System     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Group     External screw   Stainless steel   Tilt   Rotation on bracket with integration     STANDARDS AND APPROVALS   -   Fixing   Brac     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   Yes   Controlgear replaceability   By profess     DIN 18032-3 certification   Available   Driver Box   Brac	Operating temperature	-30°C ÷ +50 °C	Rated frequency (Hz)	50 / 60		
Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 1     Optic   Polished quartz and metallized PC HT reflector   Control System   Control System     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   INSTALLATION AND MAINTENANCE     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Gr mon     External screw   Stainless steel   Tilt   Rotation on bracket with integg gonion     Colour   Polyester powder coated   Wiring   Watertight conn     STANDARDS AND APPROVALS   -   Fixing   Brain     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   Yes   Control gear replaceability   By profess     DIN 18032-3 certification   Available   Driver Box   Bt	MATERIALS	-	Driver	Included		
Optic     Polished quartz and metallized PC HT reflector     Control System       Gasket     Anti-aging silicone     INSTALLATION AND MAINTENANCE       Locking Hook     Hexagonal metric screws     Mounting and installation     High-mast lighting - Wall mounting - Gr moi       External screw     Stainless steel     Tilt     Rotation on bracket with integg gonion       Colour     Polyester powder coated     Wiring     Watertight conn Brand Stainless       STANDARDS AND APPROVALS     -     Fixing     Brand Brand       Classification     -     Light souce replaceability     By profess DIN 18032-3 certification	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 - Grimon     External screw   Stainless steel   Tilt   Rotation on bracket with integrigonion     Colour   Polyester powder coated   Wiring   Watertight connection     STANDARDS AND APPROVALS   -   Fixing   Brace     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   Yes   Controlgear replaceability   By profess     DIN 18032-3 certification   Available   Driver Box   Bt	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 - Grown   External screw Stainless steel Tilt Rotation on bracket with integroup   Colour Polyester powder coated Wiring Watertight control   STANDARDS AND APPROVALS - Fixing Bra   Classification - Light souce replaceability By profess   Device with reduced surface temperature Yes Controlgear replaceability By profess   DIN 18032-3 certification Available Driver Box But	Optic		Control System	DALI		
External screw   Stainless steel   Tilt   Rotation on bracket with integr gonion     Colour   Polyester powder coated   Wiring   Watertight conn     STANDARDS AND APPROVALS   -   Fixing   Bra     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   Yes   Controlgear replaceability   By profess     DIN 18032-3 certification   Available   Driver Box   But	Gasket	Anti-aging silicone	INSTALLATION AND MAINTE	NANCE -		
gonion   Colour Polyester powder coated Wiring Watertight conn   STANDARDS AND APPROVALS - Fixing Bra   Classification - Light souce replaceability By profess   Device with reduced surface temperature Yes Controlgear replaceability By profess   DIN 18032-3 certification Available Driver Box Bt	Locking Hook	Hexagonal metric screws	Mounting and installation	High-mast lighting - Wall mounting - Ground mouting		
STANDARDS AND APPROVALS-FixingBraClassification-Light souce replaceabilityBy professDevice with reduced surface temperatureYesControlgear replaceabilityBy professDIN 18032-3 certificationAvailableDriver BoxBu	External screw	Stainless steel	Tilt	Rotation on bracket with integrated goniometer		
Classification - Light souce replaceability By profess   Device with reduced surface temperature Yes Controlgear replaceability By profess   DIN 18032-3 certification Available Driver Box But	Colour	Polyester powder coated	Wiring	Watertight connector		
Device with reduced surface temperatureYesControlgear replaceabilityBy professDIN 18032-3 certificationAvailableDriver BoxBut	STANDARDS AND APPROVALS	-	Fixing	Bracket		
DIN 18032-3 certification Available Driver Box Bu	Classification	-	Light souce replaceability	By professional		
DIN 18032-3 certification Available Driver Box Bu	Device with reduced surface temperat	ure Yes		By professional		
IPEA - Maximum surface exposed to the wind 0,08	DIN 18032-3 certification	Available	Driver Box	Built-in		
	IPEA	-	Maximum surface exposed to the	ne wind 0,085 m2		
Insulation class	Insulation class					
IP degree IP66	IP degree	IP66		-		
Mechanical resistance IK08		IK08		-		
Glow Wire Test -	Glow Wire Test					

## DIMENSIONAL



## PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 29/04/2024. 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 GWP2185LD**

SMART [PRO] 2.0

TECHNICAL	SYMBOLOGY
	YEARS WARRANTY

STANDARDS/APPROVALS



<b>KN N</b>	<u> </u>	IP	IK	GWT
0,085 m2	-	IP66	IK08	-