

# Product Data Sheet GWP2185LD

SMART [PRO] 2.0



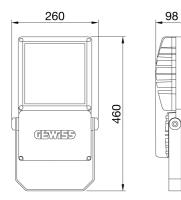
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

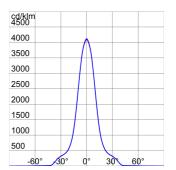
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anticondensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 1. 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 power       Application     Indoor / Outdoor     Lumen output (lm)     18       Unique digital code (Datamatrix)     Currently not present     Lumen output (lm)     18       Colour     Graphite grey     Colour Rendering Index     Cr       Colour     Graphite grey     Colour Rendering Index     CR       System power     L90B10(Tq25*C)=50.00h; L80B10 (Tq25*C)=10.00h     Standard Deviation Colour Matching     SDCN       Weight (kg)     5.7     Standard Deviation Colour Matching     SDCN       Warranty     5 years     ELETRICAL AND LIGHTING FEATURES     Standard     EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62       Stocking temperature     -30°C + 50°C     Rated frequency (Hz)     50     Standard     ELETRICAL AND LIGHTING FEATURES       Stocking temperature     -30°C + 50°C     Rated frequency (Hz)     50     Standard     Standard     ICO     Standard     ICO <th>GENERAL INFORMATION</th> <th>-</th> <th>OPTIC AND ILLUMINATING F</th> <th>EATURES -</th>	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING F	EATURES -
Application     Indoor / Outdoor     Lumen output (Im)     18       Unique digital code (Datamatrix)     Currently not present     Efficacy     Im/W)     18       Colour     Graphite grey     Colour temperature     57       Type of light source     LED     Colour temperature     57       System power     165 W     Standard Deviation Colour Matching     SDCA       LED Lifetime     L90B10(Tq25°C)=50.000h; L80B10     Photobiological Risk Class     Photobiological Risk Class       Warganty     5 years     ELETRICAL AND LIGHTING FEATURES     ELEC4271; EN13       Stocking temperature     -30°C + +50 °C     Rated frequency (Hz)     50       MATERIALS     Dirver     Supply voltage     220 - 2       Optic     Polished quartz and metallized PC I     Control System     Incontrol System       Optic     Polished quartz and metallized PC I     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 <td>Context</td> <td>Sport, Big Areas</td> <td>Optic</td> <td>C2 - Circular 25°</td>	Context	Sport, Big Areas	Optic	C2 - Circular 25°
Unique digital code (Datamatrix)   Currently not present   Efficacy (m/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   ELETRICAL AND LIGHTING FEATURES     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   Supply voltage   220 - 2     Operating temperature   -30°C + +50°C   Rated frequency (Hz)   50     Matterials   -   Driver   Incl   5000h (KV / CML)     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM & KV / CML   Mounting and installation     Optic   Polished quartz and metallized PC HT   Control System   Mounting and installation   High-mast lighting - Wall mounting - Gr   Mounting and installation   High-mast lighting - Wall mounting - Gr   Mounting and installation   High-mast lighting - Wall mounting - Gr   Mounting and installation   High-mast lighting - Wall mounting - Gr   Mounting and installation   High-mast lighting - Wall mounting - Gr   Mounting and installation   High-mast lighting - Wall mounting -	Luminaire L		Unified Glare Rating	G*6 - ULOR = 0
Colour   Graphite gray   (ImWV) <sup>2</sup> Colour a   Graphite gray   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   Photobiological Risk Class     Weight (kg)   5.7   Standard Deviation Colour Matching   SDCN     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   IEC62471; EN1:     Varranty   5 years   Supply voltage   220 - 2     Operating temperature   -30°C + +50 °C   Rated frequency (Hz)   500     Body   Die-cast aluminium   Driver failure rate   F10 = 100.000h Tq2   500     Shield type   Flatt tempered glass drm   Overoitage protection   DM 6 kV / CM 1   00k 6 kV / CM 1     Optic   Polished quartz and metallized PC HT   reflector   Control System   mo     External screw   Stainless steel   Tilt   Rotation on bracket with integray glorion   Materity integray glorion     StanDARDS AND APPROVALS   Fixing   Ber   Stanlogar certification </td <td>Application</td> <td>Indoor / Outdoor</td> <td>Lumen output (Im)</td> <td>18700</td>	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)=10.000h   Photobiological Risk Class   Standard Deviation Colour Matching   SDCN     Weight (kg)   5.7   Standard   EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62   IEC62471; EN12     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   IEC62471; EN12     Varranty   5 years   ELETRICAL AND LIGHTING FEATURES   IEC62471; EN12     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 and installation     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Gr     Colour   Polyester powder coated   Wiring   Wataretright comm     <	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   Deviation Colour Matching   Deviation Colour Matching     Weight (kg)   5.7   Standard Deviation Colour Matching   EN60598-2-5; EN60598-2-24; IEC 62     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   IEC62471; EN12     Stocking temperature   -30°C + 50°C   Rated frequency (Hz)   50     MATERIALS   0ie-cast aluminium   Driver failure rate   F10 = 100.00h T 40   50     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 1   Corrol System   C     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Grimonic   Mounting and installation   Migh-mast lighting - Wall mounting - Grimonic     Colour   Polyester powder coated   Wiring   Wiring   Watertight commonic     Colour   Polyester powder coated   Wiring   Wiring   Watertight commonic     Stanlass steel   Tilt   Rot	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 (EC62471; EN1)     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   IEC62471; EN1)     Varranty   5 years   Supply voltage   220 - 2     Operating temperature   -30°C + +50°C   Rated frequency (Hz)   500     MATERIALS   -   Driver   Inch     Body   Die-cast aluminum   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     External screw   Stainless steel   Tilt   Rotation on bracket with integg gonion     Colour   Polyester powder coated   Wiring   Watertight cours of gonion     StanDARDS AND APPROVALS   -   Fixing   Brac     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   Yes   Controlgear replaceability   By profess     Diver Box   E	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     Rated frequency (Hz)   500     MATERIALS   -     Driver   Flut tempered glass 4mm     Optic   Polished quartz and metallized PC HT     Cohrol System   Control System     External screw   Stainless steel     Colour   Polyester powder coated     Stainless steel   Tilt     Ratadiation   High-mast lighting - Wall mounting - Grave     Colour   Polyester powder coated     Stainless steel   Tilt     Rotation on bracket with integg     Ocour   Polyester powder coated     Wiring   Wiring     Stainless steel   Fixing     Beild time replaceability   By profess     Diver Box   -     Driver Fault conne   By profess     Diver Wiring   Control System     External screw   Stainless steel     Dilt Label t	System power	165 W	Standard Deviation Colour Mate	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   Incit     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   Incit     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Gramo     Locking Hook   Hexagonal metric screws   Tilt   Rotation on bracket with integragonia   gonitom     Colour   Polyester powder coated   Viring   Watertight conmografic   Brace     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   Yes   Controlgear replaceability   By profess     Din 18032-3 certification   Available   Driver Box   Brace	LED Lifetime		Photobiological Risk Class	-
Stocking temperature   -   Supply voltage   220 - 2     Operating temperature   -30°C + +50°C   Rated frequency (Hz)   50     MATERIALS   -   Driver   Inclu     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 reflector   Control System   Installation     Gasket   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 comm     STANDARDS AND APPROVALS   -   Fixing   Bra     Classification   -   Light souce replaceability   By profess     Divice with reduced surface temperature   Yes   Control Gear replaceability   By profess     Divice with reduced surface temperature   Yes   Control Gear replaceability   By profess     Divice with reduced surface temperature   Yes   Control Gear replaceability   By profess	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     MATERIALS   -   Driver   Inclue     Body   Die-cast aluminium -   Driver failure rate   F10 = 100.000 h Tq2     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   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Group     External screw   Stainless steel   Tilt   Rotation on bracket with integr gonion     Colour   Polyester powder coated   Wiring   Watertight comme gonion     Stainless   -   Fixing   Braction on bracket with integr gonion     Classification   -   Light souce replaceability   By profess Dily 18032-3 certification     Divice with reduced surface temperature   Yes   Control Sea   Driver Box	Warranty	5 years	ELETRICAL AND LIGHTING F	EATURES -
MATERIALS   Driver   Incluing     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 reflector   Control System   Die-cast aluminium -     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Gr motor     External screw   Stainless steel   Tilt   Rotation on bracket with integr gonion     Colour   Polyester powder coated   Wiring   Watertight conne bight souce replaceability   By profess Control System     Classification   -   Light souce replaceability   By profess Control gear replaceability   By profess By profess     Divide with reduced surface temperature   Yes   Control System   By profess     Divide with reduced surface temperature   Yes   Control System   By profess	Stocking temperature	-	Supply voltage	220 - 240 V
Body   Die-cast aluminium -   Driver failure rate   F10 = 100.000 Tq2     Shield type   Flat tempered glass 4mm   Overvoltage protection   DM 6 kV / CM 1     Optic   Polished quartz and metallized PC HT reflector   Control System   DM 6 kV / CM 1     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Green mounting and installation     External screw   Stainless steel   Tilt   Rotation on bracket with integree genoine     Colour   Polyester powder coated   Wiring   Watertight come Brag     Classification   -   Light souce replaceability   By profess Dil 18032-3 certification     Divier Sox   Available   Driver Box   By	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   INSTALLATION AND MAINTENANCE     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Grading on the screws     External screw   Stainless steel   Tilt   Rotation on bracket with integrading on the screws     Colour   Polyester powder coated   Wiring   Watertight commerciant on the screws     STANDARDS AND APPROVALS   -   Fixing   Brading on the screws     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 - Green motion       External screw     Stainless steel     Tilt     Rotation on bracket with integreen goniom       Colour     Polyester powder coated     Wiring     Watertight commercial Brain       STANDARDS AND APPROVALS     -     Fixing     Brain       Classification     -     Light souce replaceability     By profess DIN 18032-3 certification     Available	Body	Die-cast aluminium -	Driver failure rate	F10 = 100.000h Tq25°C
reflector   reflector     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE     Locking Hook   Hexagonal metric screws   Mounting and installation   High-mast lighting - Wall mounting - Gromo     External screw   Stainless steel   Tilt   Rotation on bracket with integrogenoin     Colour   Polyester powder coated   Wiring   Watertight connu     STANDARDS AND APPROVALS   -   Fixing   Brace     Classification   -   Light souce replaceability   By profess     DNI 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 on bracket with integration   External screw Stainless steel Tilt Rotation on bracket with integration   Colour Polyester powder coated Wiring Watertight conno   STANDARDS AND APPROVALS - Fixing Braction   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 integration on bracket with integ	Gasket	Anti-aging silicone	INSTALLATION AND MAINTE	NANCE -
gonion   Colour Polyester powder coated Wiring Watertight connu   STANDARDS AND APPROVALS - Fixing Brance   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 - 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 Bu	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 Bu	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	<u> </u>		-

#### DIMENSIONAL



#### PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 18/04/2024. 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

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### STANDARDS/APPROVALS



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