#### **Product Data Sheet**

## GWP2274FD

#### On request



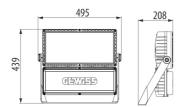
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale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

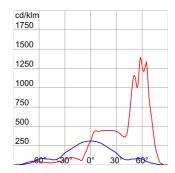
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via IP68 connector for 1.5mm2 cables. Insulation class 1. 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 Application Indoor / Outdoor Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Currently not present (m/W) Sa2800 Unique digital code (Datamatrix) Colour Rendering Index (Calcamatric) Sachadar Currently not present (m/W) Sachadar Currently not present (m/W) Sachadar Deviation Colour Matching SpCM 5 Sandard Deviation Colour Matching SpCM 5	GENERAL INFORMATION -		OPTIC AND ILLUMINATING FEATURES	
Application Indoor / Outdoor Unique digital code (Datamatrix) Currently not present Unique digital code (Datamatrix) Currently Colour Endering Index Colour Matching SDCM = 5 Colour Matching Colour	Context	Sport, Big Areas	Optic	A2 - Asymmetrical Medium
Unique digital code (Datamatrix)         Currently not present         Efficacy (lm/W)         99           Colour         Graphite grey         Colour temperature         4000 K           Type of light source         LED         Colour Rendering Index         CR19-70           System power         330 W         Standard Deviation Colour Matching         SDCM = 5           LED Lifetime         L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h         Photobiological Risk Class         5DCM = 5           Weight (kg)         13         Standard         EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201         EN13201           Warranty         5 years         Standard         EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN3201         EN13201           Warranty         5 years         Standard         EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN3201         EN13201           Warranty         5 years         Standard         EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN3201         EN13201           Warranty         5 years         Standard         EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN60598-2-5; IEC 62778; IEC 6277	Luminaire		Unified Glare Rating	G*3 - ULOR = 0
Colour	Application	Indoor / Outdoor	Lumen output (lm)	32800
Type of light source         LED         Colour Rendering Index         CRI>70           System power         330 W         Standard Deviation Colour Matching         SDCM = 5           LED Liffetime         L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h         Protobiological Risk Class         -           Weight (kg)         13         Standard Deviation Colour Matching         SDCM = 5           Warranty         5 years         Standard Deviation Colour Matching         SDCM = 5           Warranty         5 years         Standard Deviation Colour Matching         CRI>70           Warranty         5 years         Standard Deviation Colour Matching         CRI>70           Warranty         5 years         Standard Deviation Colour Matching         CRIP 70           Warranty         5 years         Standard Deviation Colour Matching         CRIP 70           Warranty         5 years         Standard Deviation Colour Matching         CRIP 70           Body         5 years         Supply voltage         Standard Deviation Colour Matching         ELETRICAL AND LIGHTING FEATURES         -           Shield temperature         - 30 +50 °C         Rated frequency (Hz)         50 / 60         Driver Failure rate         F10 = 100.000h Tq26°C         Driver Failure rate         F10 = 100.000h Tq26°C         Driver Failure rate	Unique digital code (Datamatrix)	Currently not present		99
System power 330 W LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h Weight (kg) 13 Standard EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201 Warranty 5 years Stocking temperature 6 years Shield type 7 lifetided type 7 lifetided type 7 lifetided type 7 lifetided years Authorise 4 years Shield type 8 lifetide years Stocking Hexagonal metric screws 1 lifetide years Stocking Hexagonal metric screws 1 lifetide years Stocking temperature 6 years Hexagonal metric screws 1 lifetide years Staliness steel 6 lifetide years Staliness steel 7 lifetide years Staliness steel 7 lifetide years Staliness steel 8 lifetide years Staliness steel 8 lifetide years Staliness steel 8 lifetide years Staliness steel 9 lifetide years Staliness steel 9 lifetide years Staliness steel 1 lifetide years Staliness Steel 1 lifetide years Stalines years	Colour	Graphite grey	Colour temperature	4000 K
LED Lifetime L90B10(Tq25°C)=40.000h; L80B10 (Tq25°C)=90.000h (Tq25°C)=90.0	Type of light source	LED	Colour Rendering Index	CRI>70
Control System   Cont	System power	330 W	Standard Deviation Colour Matching	g SDCM = 5
Warranty 5 years Stocking temperature 5 years Stocking temperature 5 years Stocking temperature 5 years Stocking temperature 5 years Supply voltage 220 - 240 V Operating temperature 30 + 50 °C Rated frequency (Hz) 50 / 60 MATERIALS 5 Priver Included Body Driver failure rate F10 = 100.000h Tq.25 °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 F10 priver failure rate F10 = 100.000h Tq.25 °C Overvoltage protection DM 6 kV / CM 10 kV CM 10 k	LED Lifetime		Photobiological Risk Class	-
Stocking temperature - Supply voltage - 220 - 240 V Operating temperature - 30 + 50 °C MATERIALS - Driver failure rate - 50 / 60 MATERIALS - Driver failure rate - 50 / 60 Shield type Delished anodised aluminum reflector with 99.99% pure aluminum Gasket Anti-aging silicone Locking Hook Hexagonal metric screws - Stainless steel External screw Stainless steel Classification - Pollyester powder coated Classification - Light souce replaceability - Stainless temperature - Light souce replaceability - Stainless on the front of the first of	Weight (kg)	13	Standard	
Operating temperature -30 +50 °C Rated frequency (Hz) 50 / 60 MATERIALS - Driver Divier failure rate Driver failure rate Polished should be polished anodised aluminum reflector with 99.99% pure aluminum Gasket Anti-aging silicone Locking Hook Hexagonal metric screw Stainless steel Colour Polyester powder coated STANDARDS AND APPROVALS - Fixing Sirication Polyester powder coated Classification Polyester powder coated STANDARDS AND APPROVALS - Fixing Sirication Polyester failure rate Driver failure rate Driver failure rate Driver failure rate Driver failure rate Polyester powder coated STANDARDS AND APPROVALS - Fixing Rotation on bracket with integrated gonlometer STANDARDS AND APPROVALS - Fixing Sracket 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 Maximum surface exposed to the wind 0,170 m2 Insulation class I I Insulation Class Included Driver failure rate Provovoltage protection Drive	Warranty	5 years	ELETRICAL AND LIGHTING FEAT	TURES -
MATERIALS         Driver         Included           Body         Die-cast aluminium - Shield type         Flat tempered glass 4mm         Driver failure rate         F10 = 100.000h Tq25°C           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           STANDARDS AND APPROVALS         Fixing         Bracket           Classification         Light souce replaceability         By professional           Device with reduced surface temperature         No         Controlgear replaceability         By professional           INSTALLATION AND MAINTENANCE         By professional         Stainless steel         Control system         Wall mounting - Ground mountin	Stocking temperature	_	Supply voltage	220 - 240 V
Body Die-cast aluminium - Shield type Flat tempered glass 4mm Optic Polished anodised aluminum reflector with 99.99% pure aluminum Gasket Anti-aging silicone Locking Hook Hexagonal metric screws Faternal screw Stainless steel Colour Polyester powder coated STANDARDS AND APPROVALS - Light souce replaceability Classification Power of the reduced surface temperature No Diver failure rate Overvoltage protection Overvoltage protection DM 6 kV / CM 10 kV Control System DALI Overvoltage protection DM 6 kV / CM 10 kV Control System DALI DM 6 kV / CM 10 kV Control System DM 6 kV / CM 10 kV / CM 10 kV / CM 10 kV / COntrol System DM 6 kV / CM 10 kV	Operating temperature	-30 +50 °C	Rated frequency (Hz)	50 / 60
Shield type	MATERIALS	-	Driver	Included
Optic Polished anodised aluminum reflector with 99.99% pure aluminum Gasket Anti-aging silicone Locking Hook Hexagonal metric screw Mounting and installation High-mast lighting - Wall mounting - Ground Mounting and installation High-mast lighting - Wall mounting - Ground mouting - Tilt Rotation on bracket with integrated goniometer Colour Polyester powder coated STANDARDS AND APPROVALS - Fixing Rotation on bracket with integrated goniometer 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	Body	Die-cast aluminium -	Driver failure rate	F10 = 100.000h Tq25°C
Gasket Anti-aging silicone Locking Hook Hexagonal metric screws External screw Stainless steel Closur Polyester powder coated STANDARDS AND APPROVALS - Fixing Bracket Classification - Light reduced surface temperature DIN 18032-3 certification Stainless Steel Stainless Steel Classification Stainless Steel Classification Stainless Steel Classification Stainless Steel Classification Stainless Steel Stainless Stainless Stainless Steel Mounting and installation And Maintenance Statuting And Installation An	Shield type	Flat tempered glass 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Locking Hook Hexagonal metric screws Stainless steel Stainless steel Colour Polyester powder coated Classification Fixing Station Professional Device with reduced surface temperature No DIN 18032-3 certification Stainless Steel Peace Stainless Steel Stainless Steel Stainless Steel Tilt Rotation on bracket with industry and installation High-mast lighting - Wall mounting - Ground mouting Stainless Steel Stainless Steel Tilt Successional Wiring Station Watertight connector STANDARDS AND APPROVALS - Fixing Stacket 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	Optic Polish		Control System	DALI
External screw Stainless steel Clour 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	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENAM	NCE -
Colour Polyester powder coated Wiring Watertight connector STANDARDS AND APPROVALS - Fixing Bracket Classification - 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	Locking Hook	Hexagonal metric screws	Mounting and installation	
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     I	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 I	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 I	STANDARDS AND APPROVALS -		Fixing	Bracket
DIN 18032-3 certification  Yes Driver Box  Built-in  IPEA  - Maximum surface exposed to the wind  0,170 m2  Insulation class  I	Classification	-	Light souce replaceability	By professional
IPEA - Maximum surface exposed to the wind 0,170 m2 Insulation class I -	Device with reduced surface ten	nperature No	Controlgear replaceability	By professional
Insulation class I -	DIN 18032-3 certification		Driver Box	Built-in
Insulation class I -	IPEA	-	Maximum surface exposed to the w	rind 0,170 m2
	Insulation class	1		-
IP degree IP66	IP degree	IP66		-
Mechanical resistance IK08 -	Mechanical resistance	IK08		-
Glow Wire Test	Glow Wire Test	-		<u>-</u>

#### **DIMENSIONAL**



#### PHOTOMETRIC DISTRIBUTION



#### TECHNICAL SYMBOLOGY















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GWT

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On request

### STANDARDS/APPROVALS







