# Product Data Sheet GWP2434AX757

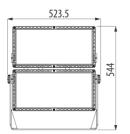
Smart [PRO]e



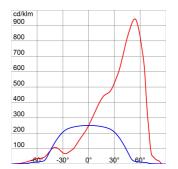
SMART [PRO]e 2M is a high-power outdoor and indoor LED floodlight, ideal for lighting medium-sized areas and sports facilities. It can be installed on the wall, ceiling or ground thanks to the galvanised steel bracket which is powder coated in polyester with trivalent passivation and equipped with an adjustable goniometric scale and supplied in kit form. The main body is made in die cast aluminium EN AB 46100, with an integrated passive heat sink, and powder coated polyester frame with trivalent passivation. COB LED technology for high efficacy. Reflector made of metallised PC-HT or anodised and polished aluminium. 4mm thick toughened front glass, silkscreen printed for symmetrical versions or with anti-reflective nanocoating for asymmetrical versions. Anti-ageing silicone gaskets and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via 5x1mm2 H07RN-F cable. Insulation Class 1. Power supply unit and IP68 connector kit supplied separately. Available with five different types of optics, three types of Correlated Colour Temperature (3000K/4000K/5700K) and two different types of Colour Rendering Index (CRI70, CRI80). Designed to withstand surges up to 6KV (differential mode) and 10KV (common mode), temperature variations from -30°C to +50°C, water and dust penetration up to IP66, and impact up to IK08.

Luminaire     LED floodlight luminaire with high lumen power     Unified Glare Rating     G*6 - ULOR       Application     Indoor / Outdoor     Lumen output (Im)     8       Application     Indoor / Outdoor     Lumen output (Im)     8       Colour     Graphite grey     Colour temperature     57       Colour     Graphite grey     Colour temperature     57       Type of light source     LED     Colour temperature     57       System power     600 W     Standard Deviation Colour Matching     SDD       LED Lifetime     L90B10 (Tq+25°C) = 100000h; L80B10 (Tq+25°C) > Photobiological Risk Class     Photobiological Risk Class     EN60598-1; EN60598-2-5; IEC62       Warranty     5 years     ELETRICAL AND LIGHTING FEATURES     EN40000h     EN40       Varranty     5 years     Supply voltage     See external supply     Devastor     EN40       Operating temperature     -30 +50 °C     Rated frequency (Hz)     See external supply     See external supply       Optic     Polished anodised aluminium reflector with 99.99% pure     Control System     See external supply       Gasket     Anti-aging silicone     INSTALLAT	GENERAL INFORMAT	ION -	OPTIC AND ILLUMINATING FEATU	JRES -
power     power <th< td=""><td>Context</td><td></td><td>Optic</td><td>ALW - Asymmetrical Medium</td></th<>	Context		Optic	ALW - Asymmetrical Medium
Unique digital code (Datamatrix)   Currently not present   Effects/ (Im/W)     Colour   Graphite grey (Im/W)   Colour Rendering Index   CF     System power   600 W   Standard Deviation Colour Matching   SDCP     LED Lifetime   L90B10 (Tq+25°C) = 100000h; L80B10 (Tq+25°C) > Power   Power   Office   Standard Deviation Colour Matching   SDCP     Weight (kg)   15   Standard Deviation Colour Matching   SDCP   EN60598-1; EN60598-2-5; IEC62     Warranty   5 years   Standard Deviation Colour Matching   ELETRICAL AND LIGHTING FEATURES   EN1     Stocking temperature   -30 +50 °C   Rated frequency (Hz)   See external supph Operating temperature   See external supph Oriver   Driver   Inci     Body   Anti-reflective super-transparent 4 mm thick   Overvoitage protection   See external supph Overvoitage protection   Standard Overvoitag	Luminaire	5 5	Unified Glare Rating	G*6 - ULOR = 0%
Colour   Graphite grey   Colour temperature   57     Type of light source   LED   Colour Rendering Index   CF     System power   600 W   Standard Deviation Colour Matching   SDCN     LED Lifetime   L90B10 (Tq+25°C) = 100000h; L80B10 (Tq+25°C)   Photobiological Risk Class   EN60598-1; EN60598-2-5; IEC62     Waranty   5 years   ELETRICAL AND LIGHTING FEATURES   EN1     Stocking temperature   -30 +50 °C   Rated frequency (Hz)   See external supph     Opriating temperature   -30 +50 °C   Rated frequency (Hz)   See external supph     Shield type   Anti-reflective super-transparent 4 rm thick   Overvoltage protection   See external supph     Shield type   Anti-reflector with P9.99% pure surface glass   Control System   See external supph     Optic   Polished anodised aluminium reflector with 99.99% pure coats   Control System   See external supph     Colour   Polyester powder coated with epoxy base coats   Tilt   Rotation on bracket with intege sepore suppli voltage and installation   High-mast lighting - Wall mounting - Gr mo coates     Colour   Polyester powder coated with epoxy base coats   Tilt   Rotation on bracket with intege sepovice with reduced surface temperature   Con	Application	Indoor / Outdoor	Lumen output (Im)	81600
Type of light source   LED   Colour Rendering Index   CR     System power   600 W   Standard Deviation Colour Matching   SDCN     LED Lifetime   L90B10 (Tq+25°C) = 100000h; L80B10 (Tq+25°C) > 150000h   Photobiological Risk Class   Standard Deviation Colour Matching   SDCN     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   EN00598-1; EN00598-2; EIC60   EN1     Stocking temperature   -30 +50 °C   Raded frequency (Hz)   See external supply     MaTERIALS   Dire-cast aluminium   Driver railure rate   See external supply     Shield type   Anti-reflective super-transparent 4 mm thick sufface glass   Control System   See external supply     Optic   Polished anodised aluminium reflector with 99.99% pure aluminium   Control System   See external supply     Colour   Polyester powder coated with epoxy base coate   Titl   Rotation on bracket with integ golion on bracket with integ golion or ordered separ coate   Titl   Standard Devisition on bracket with integ golion or ordered separ coate     Colour   Polyester powder coated with epoxy base coate   Fixing   Wiring   Watertight connector between floodlight and power supply - ordered separ coate   Titl   Standard Devisition or ordered separ coate   Standard Devisition concortored separ c	Unique digital code (Dat	amatrix) Currently not present		136
System power   600 W   Standard Deviation Colour Matching   SDOM     LED Lifetime   L90B10 (Tq+25°C) = 100000h; L80B10 (Tq+25°C) > 150000h   Photobiological Risk Class     Weight (kg)   15   Standard   EN60598-1; EN60598-2-5; IEC62     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   EN     Stocking temperature   -   Supply voltage   See external supply     Operating temperature   -30 +50 °C   Rated frequency (Hz)   See external supply     MaTERIALS   Driver   Inci   Oriver allure rate   See external supply     Shield type   Anti-reflective super-transparent 4 mm trick   Overvoltage protection   See external supply     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   INSTALLATION AND MAINTENANCE     Locking Hook   -   Mounting and installation   High-mast lighting - Wall mounting - Gr     Colour   Polyester powder coated with epoxy base   Viring   Watertight connector between floodight and power supply - coat     Stainless steel   Fixing   Brz     Nolon ing and installation   High-mast lighting - Wall mounting - Gr     Colour   Polyester powder coated with epoxy base   Viring   Vate	Colour	Graphite grey	Colour temperature	5700 K
LÉD Lifetime   L90B10 (Tq+25°C) = 100000h; L80B10 (Tq+25°C) > 150000h   Photobiological Risk Class     Weight (kg)   15   Standard   EN60598-1; EN60598-2-5; IEC62 EN1     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   - Supply voltage   See external supply     Operating temperature   - 30 +50 °C   Rated frequency (Hz)   See external supply     Shield type   Anti-reflective super-transparent 4 mm thick Sufface glass   Overvoltage protection   See external supply     Optic   Polished anodised aluminium reflector with 99.90% pure aluminium   Control System   See external supply     Colour   Polyester powder coated with epoxy base Classification   Tit   Rotation on bracket with integ gonion     Clour   Polyester powder coated with epoxy base Device with reduced surface temperature   Fixing   Br     Classification   - Light souce replaceability   By profess Device with reduced surface temperature   Control See acternal supply     Device with reduced surface temperature   - Control System   See external supply     Optic   Polyester powder coated with epoxy base   Wiring   Watertight connector between floodlight and power supply - ordered separ     Classification   - Light souce re	Type of light source	LED	Colour Rendering Index	CRI>70
Weight (kg) 15 Standard ENOSPE-1; ENOSPE-2-5; IEC62   Warranty 5 years ELETRICAL AND LIGHTING FEATURES   Stocking temperature -30 +50 °C Rated frequency (Hz) See external supph   Operating temperature -30 +50 °C Rated frequency (Hz) See external supph   Body Dicecast aluminium Driver failure rate See external supph   Shield type Anti-reflective super-transparent 4 mm thick surface glass Overvoitage protection See external supph   Gasket Anti-aging silicone aluminium INSTALLATION AND MAINTENANCE Mounting and installation High-mast lighting - Wall mounting - Gr no   Colour Polyester powder coated with epoxy base coat Viring Watertight connector between floodlight and power supply - ordered separ ordered separ coat Stainless steel Fixing Bar Ordered separ ordered separ coat Fixing Bar Ordered separ ordered separ   StanDARDS AND APPROVALS - Light souce replaceability By profess   Device with reduced surface temperature - Control Gear replaceability By profess   Device with reduced surface temperature - Control Gear replaceability By profess   Device with reduced surface temperature - Control Gear replaceability By profess   Diver Box - -	System power	600 W	Standard Deviation Colour Matching	SDCM = 3
Warranty   5 years   ELETRICAL AND LIGHTING FEATURES     Stocking temperature   - Supply voltage   See external supply     Operating temperature   - 30 + 50 °C   Rated frequency (Hz)   See external supply     MATERIALS   -   Driver   Incl     Body   Die-cast aluminum -   Driver failure rate   See external supply     Shield type   Anti-reflective super-transparent 4 mm thick sufface glass   Overvoltage protection   See external supply     Optic   Polished anodised aluminium reflector with 99.99% pure sufface glass   Control System   See external supply     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   mo     Locking Hook   -   Mounting and installation   High-mast lighting - Wall mounting - Gr mo     Colour   Polyester powder coated with epoxy base   Wring   Watertight connector between floodlight and power supply - ordered separ     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   Control Saster replaceability   By profess     Din 18032-3 certification   Yes   Driver Box   Ext     IPEA   -   Maximum surface exposed to the wind <td< td=""><td></td><td></td><td>Photobiological Risk Class</td><td>RG1</td></td<>			Photobiological Risk Class	RG1
Stocking temperature   -   Supply voltage   See external supply     Operating temperature   -30 +50 °C   Rated frequency (Hz)   See external supply     MATERIALS   -   Driver   Incl     Body   Die-cast aluminium   Driver failure rate   See external supply     Shield type   Anti-reflective super-transparent 4 mm thick surface glass   Overvoltage protection   See external supply     Optic   Polished anodised aluminium reflector with 99.99% pure locking Hook   Control System   See external supply     Gasket   Anti-aging silicone locking Hook   -   Mounting and installation   High-mast lighting - Wall mounting - Gr motor supply     Colour   Polyester powder coated with epoxy base coat   Tilt   Rotation on bracket with integ gonion   gonion     Classification   -   Control gear replaceability   By profess     Device with reduced surface temperature   -   Control gear replaceability   By profess     Device with reduced surface temperature   -   Maximum surface exposed to the wind   0,22     IPEA   -   Maximum surface exposed to the wind   0,22     Insulation class   I   IPe deree   IPE6   IPE6	Weight (kg)	15	Standard	EN60598-1; EN60598-2-5; IEC62778; EN13201
Operating temperature   -30 +50 °C   Rated frequency (Hz)   See external supply     MATERIALS   -   Driver   Incident frequency (Hz)   See external supply     Body   Die-cast aluminum   Driver failure rate   See external supply     Shield type   Anti-reflective super-transparent 4 mm thick   Overvoltage protection   See external supply     Optic   Polished anodised aluminium reflector with 99.99% pure aluminium   Control System   See external supply     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Gr     Colour   Polyester powder coated with epoxy base coat   Tilt   Rotation on bracket with integgr gonion     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   -   Control Sear exposed to the wind   Qo22     IPEA   -   Maximum surface exposed to the wind   Qo22     IPEA   -   IPE66   IPE6	Warranty	5 years	ELETRICAL AND LIGHTING FEATURES -	
MATERIALS   Driver   Driver   Driver   Incl     Body   Die-cast aluminium   Driver failure rate   See external supply     Shield type   Anti-reflective super-transparent 4 mm thick surface glass   Overvoltage protection   See external supply     Optic   Polished anodised aluminium reflector with 99.99% pure aluminium   Control System   See external supply     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation   High-mast lighting - Wall mounting - Gr mo     External screw   Stainless steel   Tilt   Rotation on bracket with integ gonion     Colour   Polyester powder coated with epoxy base coat   Wiring   Watertight connector between floodlight and power supply - ordered separ     STANDARDS AND APPROVALS   -   Fixing   Br     Device with reduced surface temperature   -   Control gear replaceability   By profess     Device with reduced surface temperature   -   Maximum surface exposed to the wind   0,222     IPEA   -   Maximum surface exposed to the wind   0,222     Insulation class   I   IP66   IP66	Stocking temperature	-	Supply voltage	See external supply unit
Body   Die-cast aluminium - Shield type   Driver failure rate   See external supply Overvoltage protection     Optic   Polished anodised aluminium reflector with 99.99% pure aluminium   Control System   See external supply     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation     Locking Hook   -   Mounting and installation   High-mast lighting - Wall mounting - Gr mo     Colour   Polyester powder coated with epoxy base Colour   Tilt   Rotation on bracket with integ gonion     Stainless steel   Tilt   Overvoltage replaceability   ordered supply - coat     Stainless steel   Fixing   By rofess Control System   By rofess Control gear replaceability     Divice with reduced surface temperature   -   Light souce replaceability   By profess Control gear replaceability     DIN 18032-3 certification   Yes   Driver Box   Ext     IPEA   -   Maximum surface exposed to the wind   0,22     IPedgree   IP66   IPE6   IPE	Operating temperature	-30 +50 °C	Rated frequency (Hz)	See external supply unit
Shield type   Anti-reflective super-transparent 4 mm thick surface glass   Overvoltage protection   See external supple     Optic   Polished anodised aluminium reflector with 99.99% pure aluminium   Control System   See external supple     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   Mounting and installation     Locking Hook   -   Mounting and installation   High-mast lighting - Wall mounting - Gr     External screw   Stainless steel   Tilt   Rotation on bracket with integ gonion     Colour   Polyester powder coated with epoxy base coat   Wiring   Watertight connector between floodlight and power supply - order d separ     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   -   Control gear replaceability   Ext     IPEA   -   Maximum surface exposed to the wind   0,22     Insulation class   1   IP66   IP66   IP66	MATERIALS	-	Driver	Included
Surface glass   Optic   Polished anodised aluminium reflector with 99.99% pure aluminium   Control System   See external supply     Gasket   Anti-aging silicone   INSTALLATION AND MAINTENANCE   INSTALLATION AND MAINTENANCE     Locking Hook   -   Mounting and installation   High-mast lighting - Wall mounting - Gr     External screw   Stainless steel   Tilt   Rotation on bracket with integ     Colour   Polyester powder coated with epoxy base   Wiring   Watertight connector between floodlight and power supply - ordered separ     STANDARDS AND APPROVALS   -   Fixing   Braction     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   -   Control Separ   Ext     IPEA   -   Maximum surface exposed to the wind   0,22     IPEA   -   IMaximum surface exposed to the wind   0,22     IP degree   IP66   IP66   IP66	Body	Die-cast aluminium -	Driver failure rate	See external supply unit
aluminium aluminium   Gasket Anti-aging silicone   Locking Hook -   External screw Stainless steel   Colour Polyester powder coated with epoxy base   STANDARDS AND APPROVALS -   Classification -   Device with reduced surface temperature -   Divide Surface temperature -   Disula	Shield type		Overvoltage protection	See external supply unit
Locking Hook   -   Mounting and installation   High-mast lighting - Wall mounting - Gr     External screw   Stainless steel   Tilt   Rotation on bracket with integ gonion     Colour   Polyester powder coated with epoxy base coat   Wiring   Watertight connector between floodlight and power supply - ordered separ     STANDARDS AND APPROVALS   -   Fixing   Bra     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   -   Controlgear replaceability   Ext     IPEA   -   Maximum surface exposed to the wind   0,22     Insulation class   I   IP66   IP66	Optic		Control System	See external supply unit
External screw   Stainless steel   Tilt   Rotation on bracket with integ gonion     Colour   Polyester powder coated with epoxy base coat   Wiring   Watertight connector between floodlight and power supply - ordered separ     STANDARDS AND APPROVALS   -   Fixing   Brack of the separ separation of the separa	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENANCE -	
gonion     Colour   Polyester powder coated with epoxy base coat   Wiring   Watertight connector between floodlight and power supply - ordered separ     STANDARDS AND APPROVALS   -   Fixing   Bra     Classification   -   Light souce replaceability   By profess     Device with reduced surface temperature   Yes   Driver Box   Ext     IPEA   -   Maximum surface exposed to the wind   0,22     Insulation class   -   IPE66   -   Fixing	Locking Hook		Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
coat ordered separ   STANDARDS AND APPROVALS - Fixing Brad   Classification - Light souce replaceability By profess   Device with reduced surface temperature - Controlgear replaceability By profess   DIN 18032-3 certification Yes Driver Box Ext   IPEA - Maximum surface exposed to the wind 0,22   Insulation class I I	External screw	Stainless steel	Tilt	Rotation on bracket with integrated goniometer
Classification - Light souce replaceability By profess   Device with reduced surface temperature - Controlgear replaceability Diver Box   DIN 18032-3 certification Yes Driver Box Ext   IPEA - Maximum surface exposed to the wind 0,22   Insulation class I IP66	Colour	, , , , ,	Wiring Watertight conr	nector between floodlight and power supply - to be ordered separately
Device with reduced surface temperature - Controlgear replaceability   DIN 18032-3 certification Yes Driver Box Ext   IPEA - Maximum surface exposed to the wind 0,22   Insulation class I I   IP degree IP66	STANDARDS AND API	PROVALS -	Fixing	Bracket
Device with reduced surface temperature - Controlgear replaceability   DIN 18032-3 certification Yes Driver Box Ext   IPEA - Maximum surface exposed to the wind 0,22   Insulation class I I   IP degree IP66	Classification -		Light souce replaceability	By professional
DIN 18032-3 certification Yes Driver Box Ext   IPEA - Maximum surface exposed to the wind 0,22   Insulation class I Insulation class I   IP degree IP66 IP66	Device with reduced surface temperature -		Controlgear replaceability -	
Insulation class I IP degree IP66				
Insulation class I IP degree IP66	IPEA		Maximum surface exposed to the wir	nd 0,222 m2
	Insulation class			
Mechanical resistance IK08	IP degree	IP66		-
-	Mechanical resistance	IK08		_

## DIMENSIONAL



## PHOTOMETRIC DISTRIBUTION



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## Product Data Sheet GWP2434AX757

#### Smart [PRO]e





0,222 m2

IP IP66 **IK** IK08

#### STANDARDS/APPROVALS



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