

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.

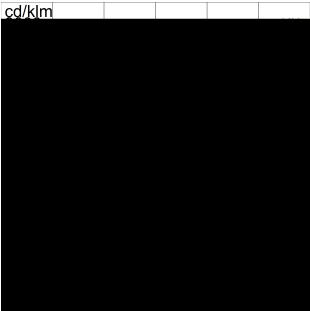
Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via IP68 connector for 1.5mm² cables. Insulation class 1.

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.

GENERAL INFORMATION		- OPTIC AND ILLUMINATING FEATURES		-	
Context	Sport, Big Areas	Optic		C4 - Circular 15°	
Luminaire	LED luminaire with small, mid and high lumen power	Unified Glare Rating		G*6 - ULOR = 0	
Application	Indoor / Outdoor	Lumen output (lm)		20500	
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)		124	
Colour	Graphite grey	Colour temperature		4000 K	
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)=50.000h; L80B10 (Tq25°C)=110.000h	Photobiological Risk Class		-	
Weight (kg)	5.7	Standard	EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201		
Warranty	5 years	ELETRICAL AND LIGHTING FEATURES		-	
Stocking temperature	-	Supply voltage		220 - 240 V	
Operating temperature	-30°C ÷ +50 °C	Rated frequency (Hz)		50 / 60	
MATERIALS		-		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 quartz and metallized PC HT reflector	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		
STANDARDS AND APPROVALS		-		Bracket	
Classification	-	Light souce replaceability		By professional	
Device with reduced surface temperature	Yes	Controlgear replaceability		By professional	
DIN 18032-3 certification	Available	Driver Box		Built-in	
IPEA	-	Maximum surface exposed to the wind		0,085 m2	
Insulation class	I			-	
IP degree	IP66			-	
Mechanical resistance	IK08			-	
Glow Wire Test	-			-	

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION





Product Data Sheet
GWP2174GD

40 CDI Range

TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
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STANDARDS/APPROVALS

