Product Data Sheet

GWP2184FD

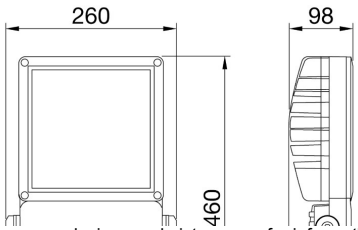
Smart [PRO] 2.0

Geïntegreerde oplossing voor professionele sportaccomodaties en grote buitenruimtes

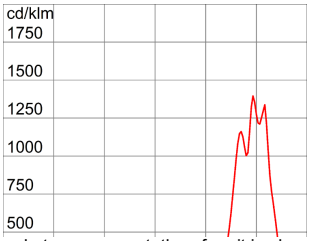
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale 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	Optiek	A2 - Asymmetrical Medium
Luminaire	LED luminaire with small,mid and high lumen power	Unified Glare Rating	G*3 - ULOR = 0
Toepassing	Binnenshuis / buitenshuis	Lumen-vermogen (lm)	15300
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	93
Kleur	Grafietgrijs	Kleur temperatuur	4000 K
Type lichtbron	LED	Colour Rendering Index	CRI>80
System vermogen	165 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=110.000h	Photobiological Risk Class	-
Gewicht (kg)	5.7	Standaard	EN60598-1; EN60598-2-5; EN60598-2-24; IEC 62778; IEC62471; EN13201
Garantie	5 jaar	**ELETRICAL AND LIGHTING FEATURES**	-
Opslagtemperatuur	-	Voedings-spanning	220 - 240 V
Operating temperature	-30°C ÷ +50 °C	Nominale frequentie (Hz)	50 / 60
MATERIALS	-	Driver	Included
Body	Gietaluminium -	Driver failure rate	F10 = 100.000h Tq25°C
Type plaat	Flat tempered glass 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Optic	Polished anodised aluminum reflector with 99.99% pure aluminum	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	-	Bevestiging	Beugel
Classificering	-	Light souce replaceability	By professional
Toestel met verlaagde oppervlaktetemperatuur	Ja	Controlgear replaceability	By professional
DIN 18032-3-certificering	Ja	Driver Box	Ingebouwd
IPEA	-	Maximum surface exposed to the wind	0,085 m2
Isolatie-klasse	I		-
IP-graad	IP66		-
Stoot-bestendigheid	IK08		-
Glow Wire Test	-		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 23/04/2024. 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

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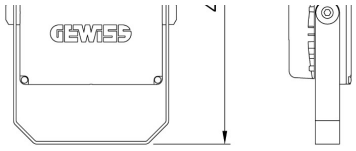

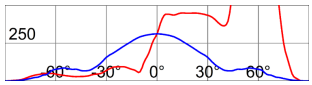

TECHNICAL SYMBOLOGY

0,085 m2

IP	IK	GWT
IP66	IK08	-

STANDARDS/APPROVALS

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