



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

Context	Sport, Big Areas
Luminaire	LED luminaire with small, mid and high lumen power
Zastosowanie	Wewnętrzny/Zewnętrzny
Unique digital code (Datamatrix)	Currently not present
Kolor	Szary grafitowy
Rodzaj źródła światła	Dioda LED - Niewymienna
Moc	330 W
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=90.000h
Masa (kg)	13

OPTIC AND ILLUMINATING FEATURES

Optyka	S1 - Symmetric Wide
Unified Glare Rating	G*6 - ULOR = 0
Moc z oprawy (lm)	39200
Efficiency (lm/W)	119
Temperatura Barwowa	4000 K
Color Rendering Index	CRI>70
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	-

MATERIALS

Gwarancja	5 lat
Temperatura przechowywania	-
Operating temperature	-30 +50 °C
Body	Aluminium odlewane ciśnieniowo
Typ osłony	Flat tempered glass 4mm
Optic	Polished quartz and metallized PC HT reflector
Gasket	Anti-aging silicone
Locking Hook	Hexagonal metric screws
External screw	Stainless steel

ELETRICAL AND LIGHTING FEATURES

Zasilanie wyjściowe	220 - 240 V
Prąd częstotliwość (Hz)	50 / 60
Driver	Included
Driver failure rate	F10 = 80.000h Tq25°C
Overvoltage protection	DM 5KV / CM 10KV
Control System	Samodzielne - 1/10V

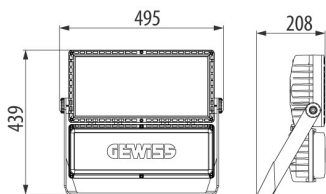
STANDARDS AND APPROVALS

Klasyfikacja	-
Urządzenie z ograniczoną temperaturą powierzchni	Nie
Świadectwo wg DIN 18032-3	Tak
IPEA	-
Klasa Izolacji	I
Ochrona IP	IP66
Odporność na wstrząsy	IK08
Próba rozżarzoną drutem	-

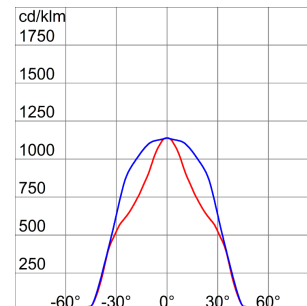
INSTALLATION AND MAINTENANCE

Mouting and installation	High-mast lighting - Wall mounting - Ground mouting
Tilt	Rotation on bracket with integrated goniometer
Wiring	Watertight connector
Mocowanie	Uchwyt
Optic Maintenance	Not available
LED Maintenance	Not available
Driver Box	Wbudowana
Maksymalna powierzchnia wystawiona na działanie wiatru	0,170 m2

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
-

STANDARDS/APPROVALS





Data, measures, designs and pictures are for information purpose only, last update 14/04/2021. They can be changed at any moment, therefore it is always recommended 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>.