

SMART [PRO] 2.0 is a high power outdoor and indoor LED projector, suitable for lighting large areas and sports 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 a kit. The body is fabricated 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. Remote power supply unit supplied separately. Available with nine different types of optics, three types of Colour Temperature (3,000/4,000K/5,700K) and three different types of Chromatic Yield Index (CRI>70, CRI>80, CRI>90).

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 degree of protection and impacts up to IK08 grade.

GENERAL INFORMATION

Context	Sport, Big Areas
Luminaire	LED luminaire with mid and high lumen power
panoları	İç / Dış
Unique digital code (Datamatrix)	Currently not present
Renk	Grafit grisi
Işık kaynağı tipi	LED - değiştirilemez
Sistem gücü	660 W
Lifetime	L90B10 (Tq+25°C) > 40000h L90B10 (Tq+50°C) = 32000h L80B10 (Tq+25°C) > 90000h
Ağırlık (kg)	15

OPTIC AND ILLUMINATING FEATURES

Optik	C2 - Circular 25°
Unified Glare Rating	G*6 - ULOR = 0
Lümen çıkışı (lm)	79900
Efficiency (lm/W)	121
Renk Sıcaklık	4000 K
Color Rendering Index	CRI>70
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	-
Standart	EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201

Garanti	5 yıl
Depolama sıcaklığı	-
Operating temperature	-30 +50 °C

MATERIALS

Body	Alüminyum pres döküm
Ekran tipi	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
Colour	Polyester powder coated

ELETRICAL AND LIGHTING FEATURES

besleme voltaj	-
Nominal frekans (Hz)	-
Driver	To be ordered separately
Overvoltage protection	See external supply unit
Control System	See external supply unit

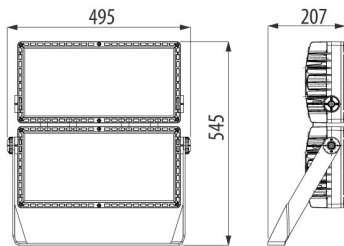
INSTALLATION AND MAINTENANCE

Mouting and installation	High-mast lighting - Wall mounting - Ground mouting
Tilt	Rotation on bracket with integrated goniometer
Wiring için	Watertight connector Bracket
Optic Maintenance	Not available
LED Maintenance	Evet
Driver Box	Dış
Rüzgara maruz maksimum yüzey	0,222 m2

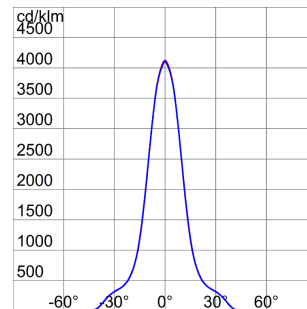
STANDARDS AND APPROVALS

Sınıflandırma	-
Yüzey sıcaklığı azaltılmış cihaz	Hayır
DIN 18032-3 belgesi	-
IPEA	-
Yalıtım sınıfı	I
IP derecesi	IP66
Direnç dayanıklı	IK08
Akkor Tel Deneyi:	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
-

STANDARDS/APPROVALS



Data, measures, designs and pictures are for information purpose only, last update 30/09/2020. 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>.