



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 1.5mm<sup>2</sup> 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
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=90.000h
Ağırlık (kg)	15

#### OPTIC AND ILLUMINATING FEATURES

Optik	C3 - Circular 20°
Unified Glare Rating	G*6 - ULOR = 0
Lümen çıkışı (lm)	65500
Efficiency (lm/W)	99
Renk Sıcaklık	5700 K
Color Rendering Index	CRI>90 TLCI>80
Standard Deviation Colour Matching	SDCM = 3
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

#### ELETRICAL AND LIGHTING FEATURES

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

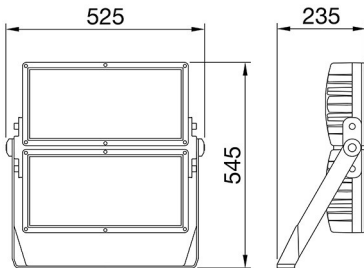
#### INSTALLATION AND MAINTENANCE

Mouting and installation	High-mast lighting - Wall mounting - Ground mouting
Tilt	Rotation on bracket with integrated goniometer
Wiring için	Watertight connector
Optic Maintenance	Not available
LED Maintenance	Evet
Driver Box	Dış
Rüzgara maruz maksimum yüzey	0,222 m <sup>2</sup>

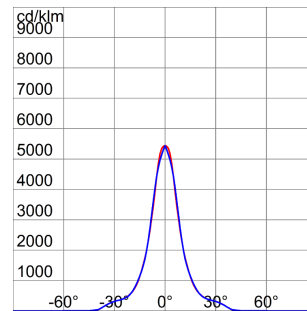
#### STANDARDS AND APPROVALS

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

IK

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](http://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>.