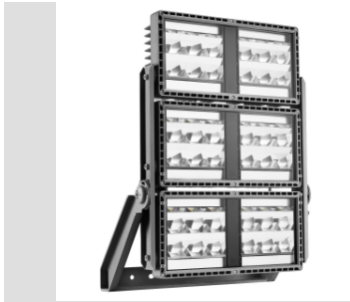### Smart [PRO] 2.0

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 dissipation, powder-coated polyester paint with trivalent passivation. PCB metal core with CSP LED.
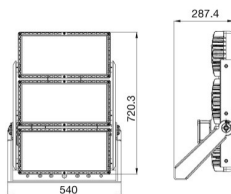Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Bracket screws with GEOMET® treatment. Plastic venting and anti-condensation device. Insulation class 1. Remote power supply unit in DALI or DMX options, multiple electrical connection kits, 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 Color Rendering Index (CRI>70, CRI>80, CRI>90).
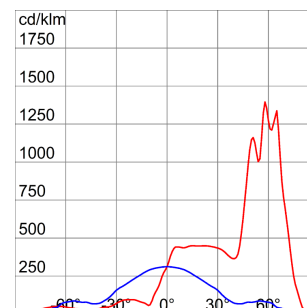Designed to withstand surges up to 5KV (RCCB mode) and 10KV (common mode), temperature variations from -30°C to +50°C, water and dust penetration up to IP66 protection grade and shockproof up to IK08 grade.

GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES	-
Context	Sport, Big Areas	Optică	A2 - Asymmetrical Medium
Luminaire	LED luminaire with mid and high lumen power	Unified Glare Rating	G*3 - ULOR = 0
Aplicație	Intern / Extern	Lumină ieșire (lm)	98200
Unique digital code (Datamatrix)	Currently not present	Efficiency (lm/W)	101
Culoare	Gri grafit	Culoare Temperatură	4000 K
Tip sursă de lumină	LED - Neînlocuibil	Color Rendering Index	CRI>70
Puterea sistemului	970 W	Standard Deviation Colour Matching	SDCM = 5
LED Lifetime	L90B10(Tq25°C)=40.000h; L80B10(Tq25°C)=90.000h	Photobiological Risk Class	-
Greutate (Kg)	29	Standard	EN60598-1; EN60598-2-5; IEC 62778; IEC 62471; EN13201
Garanție	5 ani	ELETRICAL AND LIGHTING FEATURES	-
Temperatură de stocare	-	Tensiune de alimentare	-
Operating temperature	-30 +50 °C	Frecvență nominală (Hz)	-
MATERIALS	-	Driver	To be ordered separately
Body	Aluminiu turnat	Driver failure rate	See external supply unit
Ecran	Flat tempered glass 4mm	Overvoltage protection	See external supply unit
Optic	Polished anodised aluminum reflector with 99.99% pure aluminum	Control System	See external supply unit
Gasket	Anti-aging silicone	INSTALLATION AND MAINTENANCE	-
Locking Hook	Hexagonal metric screws	Mouting 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	-	Prindere	Consolă
Clasificare	-	Optic Maintenance	Not available
Dispozitiv cu temperatură la suprafață redusă	Nu	LED Maintenance	Da
Certificare DIN 18032-3	-	Driver Box	Exterior
IPEA	-	Suprafață maximă expusă la vânt	0,333 m2
Clasă izolație	I		-
Clasă de protecție IP	IP66		-
Cod IK	IK08		-
Glow Test conductori	-		-

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION

Smart [PRO] 2.0

TECHNICAL SYMBOLOGY

0,333 m2

IP
IP66

IK
IK08

GWT
-

STANDARDS/APPROVALS