SMART[PRO]e 2M is a medium-power LED floodlight for outdoor and indoor use, ideal for illuminating small and medium-sized areas and sports facilities. It can be installed on walls, ceilings or the ground thanks to its galvanised steel bracket, painted with polyester powder with trivalent passivation and equipped with an adjustable goniometric scale.
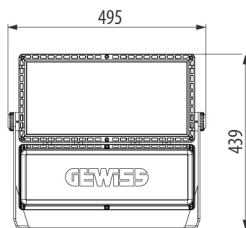
EN AB 46100 die-cast aluminium housing with integrated passive heat sink and polyester powder-coated frame with trivalent passivation. COB LED technology for high efficacy.

Reflector made of metallised PC HT or anodised and polished aluminium. 4mm thick toughened front glass, silkscreen printed for symmetrical versions or with anti-reflective nanocoating for asymmetrical versions. Anti-ageing silicone gaskets and A2 stainless steel external screws. Plastic venting and anti-condensation device. Electrical connection via 5x1mm2 H07RN-F cable. Insulation Class 1.
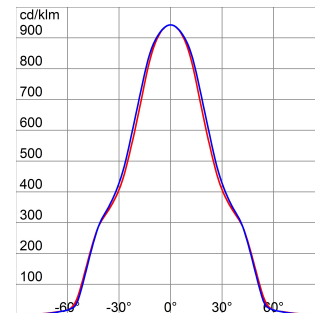
Integrated 1-10V dimmable driver. Available with five different types of optics, three types of Correlated Colour Temperature (3000K / 4000K / 5700K) and two different types of Colour Rendering Index (CRI>70, CRI>80).

Designed to withstand overvoltage up to 6KV (differential mode) and 10KV (common mode), temperature variations from -30°C to +50°C, water and dust penetration up to IP66, and impact up to IK08.

GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES	-
Context	Proiezione e impianti sportivi di piccole e medie dimensioni	Optic	SM - Symmetrical Medium
Luminaire	Apparecchio per proiezione LED di media potenza	Unified Glare Rating	G*6 - ULOR = 0%
Application	Indoor / Outdoor	Lumen output (lm)	41800
Unique digital code (Datamatrix)	Currently not present	Efficiency (lm/W)	139
Colour	Graphite grey	Colour temperature	3000 K
Type of light source	LED	Color Rendering Index	CRI>80
System power	300 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10 (Tq+25°C) = 100000h; L80B10 (Tq+25°C) > 150000h	Photobiological Risk Class	RG1
Weight (kg)	13	Standard	EN60598-1; EN60598-2-5; IEC62778; EN13201
Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	-
Stocking temperature	-	Supply voltage	220 - 240 V
Operating temperature	-30 +50 °C	Rated frequency (Hz)	50 / 60
MATERIALS	-	Driver	Included
Body	Die-cast aluminium -	Driver failure rate	F10 = 100.000h Tq25°C
Shield type	Flat tempered glass 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Optic	Riflettore in PC HT metallizzato	Control System	Stand Alone - 1/10V
Gasket	Anti-aging silicone	INSTALLATION AND MAINTENANCE	-
Locking Hook	-	Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
External screw	Stainless steel	Tilt	Rotation on bracket with integrated goniometer
Colour	Verniciato a polvere poliestere con fondo epossidico	Wiring	Con cavo multipolare H07RN-F
STANDARDS AND APPROVALS	-	Fixing	Bracket
Classification	-	Light souce replaceability	By professional
Device with reduced surface temperature	-	Controlgear replaceability	-
DIN 18032-3 certification	Yes	Driver Box	Built-in
IPEA	-	Maximum surface exposed to the wind	0,170 m2
Insulation class	I		-
IP degree	IP66		-
Mechanical resistance	IK08		-
	-		

DIMENSIONAL

495
439

PHOTOMETRIC DISTRIBUTION

cd/klm

TECHNICAL SYMBOLOGY

0,170 m2

IP
IP66

IK
IK08

STANDARDS/APPROVALS

$C\epsilon$