

### SMART[4]



Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with vent and anti-condensation device, heat dissipation device in aluminium alloy EN AB 44300. It is equipped with a dual optical system that includes a metallic reflector with ARRAY optics and a metallic reflector with UV stabilized PMMA lenses, with high efficiency, which allow a wide variety of light distributions 30°, 60°, 90°, Asymmetric and Elliptical. The version with through wiring has pre-wired mechanical and electrical connection components. Suspension, wall and projection appliances can be installed. It is available with three types of Colour Temperature (3000K / 4000K / 5700K), Color Rendering Index CRI>80 and two power supply options (ON/OFF or DALI).

GENERAL INFORMATION		OPTIC AND ILLUMINATING FEATURES	
Context	Lighting for industries and large sports facilities	Optică	Array
Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ≤ 25
Aplicație	Internă	Lumină ieșire (lm)	28000
Unique digital code (Datamatrix)	Datamatrix	Efficiency (lm/W)	148
Culoare	Gri RAL 7035	Culoare Temperatură	4000 K
Tip sursă de lumină	LED - Neînlocuibil	Color Rendering Index	CRI>80
Puterea sistemului	189 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq50°C)=100.000h	Photobiological Risk Class	RG0
Greutate (Kg)	13.5	Standard	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24
Garanție	5 ani	ELETRICAL AND LIGHTING FEATURES	
Temperatură de stocare	-40 +70 °C	Tensiune de alimentare	220 - 240 V
Operating temperature	-30°C + +50 °C	Frecvență nominală (Hz)	50/60 Hz
MATERIALS		Driver	Included
Body	PA6 "Halogen Free" loaded fibreglass	Driver failure rate	F10=100.000h Tq25°C/50.000h Tq50°C
Ecran	Tempered glass Thickness 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Optic	Metallized polycarbonate reflector	Control System	1 x DALI DT6
Gasket	anti-aging silicone	INSTALLATION AND MAINTENANCE	
Locking Hook	-	Mouting and installation	Ceiling - Wallmounting - Suspension
External screw	Oțel	Tilt	With bracket accessory
Colour	Gri RAL 7035	Wiring	With GW connect watertight connector
STANDARDS AND APPROVALS		Prindere	-
Clasificare	-	Optic Maintenance	Non-replaceable
Dispozitiv cu temperatură la suprafață redusă	Da	LED Maintenance	Non-replaceable
Certificare DIN 18032-3	With Bracket - Rope Kit + terminal (in approval)	Driver Box	Integrat
IPEA	-	Suprafață maximă expusă la vânt	0,350 m²
Clasă izolație	I		-
Clasă de protecție IP	IP66		-
Cod IK	IK08		-
Glow Test conductori	850 °C		-

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



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### TECHNICAL SYMBOLOGY



**IP**  
IP66

**IK**  
IK08

**GWT**  
850 °C

### STANDARDS/APPROVALS

