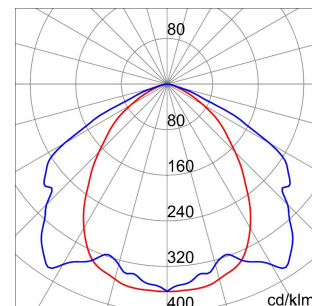**SMART[4]**

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	-
Context	Logistics and industrial manufacturing lighting
Luminaire	LED Industrial Reflector
Aplicaţie	Internă
Unique digital code (Datamatrix)	Datamatrix
Culoare	Gri RAL 7035
Tip sursă de lumină	LED - Neînlocuibil
Puterea sistemului	48 W
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq50°C)=100.000h
Greutate (Kg)	3.5
Garanţie	5 ani
Temperatură de stocare	-40 +70 °C
Operating temperature	-30°C ÷ +50 °C
MATERIALS	-
Body	PA6 "Halogen Free" loaded fibreglass
Ecran	Tempered glass Thickness 4mm
Optic	Metallic PC reflector and PMMA lenses
Gasket	anti-aging silicone
Locking Hook	-
External screw	Oţel
Colour	Gri RAL 7035
STANDARDS AND APPROVALS	-
Clasificare	-
Dispozitiv cu temperatură la suprafaţă redusă	Da
Certificare DIN 18032-3	With Bracket - Rope Kit + terminal (in approval)
IPEA	-
Clasă izolaţie	I
Clasă de protecţie IP	IP66
Cod IK	IK08
Glow Test conductori	850 °C

OPTIC AND ILLUMINATING FEATURES	-
Optică	Eliptic
Unified Glare Rating	-
Lumină ieşire (lm)	6300
Efficiency (lm/W)	131
Culoare Temperatură	5700 K
Color Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Standard	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24
ELETRICAL AND LIGHTING FEATURES	-
Tensiune de alimentare	220 - 240 V
Frecvenţă nominală (Hz)	50/60 Hz
Driver	Included
Driver failure rate	F10=70.000h Tq25°C/35.000h Tq50°C
Overvoltage protection	DM 6kV / CM 6kV
Control System	ON / OFF
INSTALLATION AND MAINTENANCE	-
Mouting and installation	Ceiling - Wallmounting - Suspension
Tilt	With bracket accessory
Wiring	With GW connect watertight connector
Prindere	-
Optic Maintenance	Non-replaceace
LED Maintenance	Non-replaceace
Driver Box	Integrat
Suprafaţă maximă expusă la vânt	0,097 m²
	-
	-
	-
	-

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION

SMART[4]

TECHNICAL SYMBOLOGY

0,097 m²

	IP	IK	GWT
	IP66	IK08	850 °C

STANDARDS/APPROVALS