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	Lighting for industries and large sports facilities
Luminaire	LED Industrial Reflector
Aplicație	Internă
Unique digital code (Datamatrix)	Datamatrix
Culoare	Gri RAL 7035
Tip sursă de lumină	LED - Neînlocuibil
System power	189 W (+5W Emerg.)
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq40°C)=140.000h
Greutate (Kg)	15
Garanție	5 ani
Temperatură de stocare	-40 +70 °C
Operating temperature	0 ÷ +40 °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	Oțel
Colour	Gri RAL 7035
STANDARDS AND APPROVALS	-
Clasificare	-
Dispozitiv cu temperatură la suprafață redusă	Da
Certificare DIN 18032-3	-
IPEA	-
Clasă izolație	I
Clasă de protecție IP	IP65
Cod IK	IK08
Glow Test conductori	850 °C

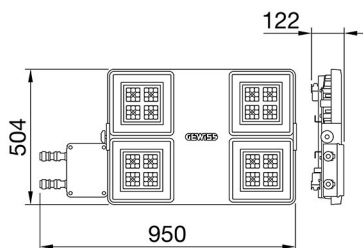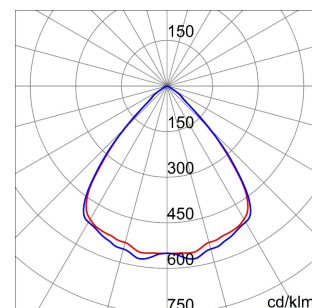| OPTIC AND ILLUMINATING FEATURES	-
Optică	90°
Unified Glare Rating	UGR ≤ 22
Lumen output (lm)	27000 (810 Emerg.)
Efficiency (lm/W)	139
Culoare Temperatură	3000 K
Color Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Standard	EN 60598-2-22 ; EN 60598-1 ; EN 60598-2-24
ELETRICAL AND LIGHTING FEATURES	-
Tensiune de alimentare	220 - 240 V
Frecvență nominală (Hz)	50/60 Hz
Driver	Included
Driver failure rate	F10=100.000h Tq25°C/50.000h Tq40°C
Overvoltage protection	DM 6 kV / CM 10 kV
Control System	2 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h)
INSTALLATION AND MAINTENANCE	-
Mouting and installation	Ceiling light - Suspension
Tilt	-
Wiring	With GW connect watertight connector
Prindere	-
Optic Maintenance	Non-replaceable
LED Maintenance	NiMh Battery Only
Driver Box	Integrat
Suprafață maximă expusă la vânt	0,390 m²
	-
	-
	-
	-

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION

SMART[4]

TECHNICAL SYMBOLOGY

				IP	IK	GWT
		0,390 m²		IP65	IK08	850 °C

STANDARDS/APPROVALS

CE