

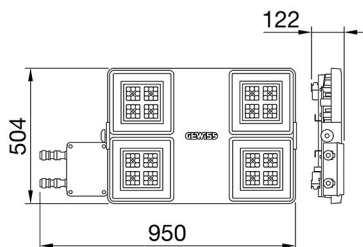
SMART[4]



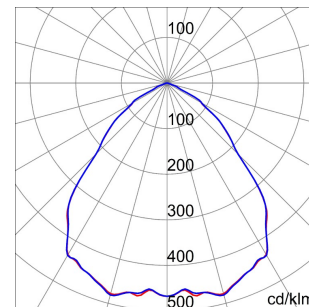
Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded 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	Unique digital code (Datamatrix)	Datamatrix
Efficiency (lm/W)	138	Culoare	Gri RAL 7035
Culoare Temperatură	3000 K	Tip sursă de lumină	LED - Neînlocuibil
Color Rendering Index	CRI>80	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10 (Tq+25°C) = 100.000 h - L90B10 (Tq+50°C) = 50.000 h	Photobiological Risk Class	RG0
Greutate (Kg)	15	Standard	EN 60598-2-22 ; EN 60598-1 ; 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	0 ÷ +40 °C	Frecvență nominală (Hz)	50/60 Hz
MATERIALS		Driver	Included
Body	PA6 "Halogen Free" loaded fibreglass	Ecran	Tempered glass Thickness 4mm
Overvoltage protection	DM 6 kV / CM 10 kV	Optic	Metallized polycarbonate reflector
Control System	1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h)	Gasket	anti-aging silicone
INSTALLATION AND MAINTENANCE		Locking Hook	-
Mouting and installation	Ceiling light - Suspension	External screw	Oțel
Tilt	-	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	NiMH Battery Only	Certificare DIN 18032-3	-
Driver Box	Integrat	IPEA	-
Suprafață maximă expusă la vânt	0,390 m ²	Clasă izolație	I
-	-	Clasă de protecție IP	IP65
-	-	Cod IK	IK08
-	-	Glow Test conductori	850 °C
-	-	-	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP65

IK
IK08

GWT
850 °C



SMART[4]

STANDARDS/APPROVALS

