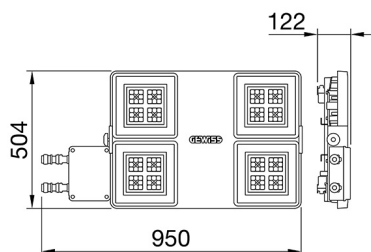




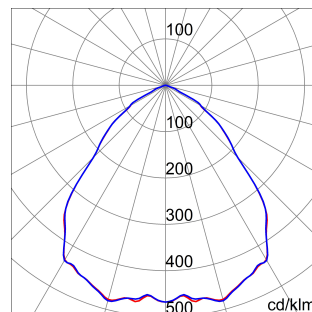
Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded 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	Optic	Array
Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ≤ 25
Application	Internal	Lumen output (lm)	29200 (900 Em.)
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	154
Colour	Grey RAL 7035	Colour temperature	3000 K
Type of light source	LED	Colour Rendering Index	CRI>80
System power	189 W (+5W Emerg.)	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
Weight (kg)	15	Standard	EN 60598-2-22 ; EN 60598-1 ; EN 60598-2-24
Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	
Stocking temperature	-40 +70 °C	Supply voltage	220 - 240 V
Operating temperature	0 ÷ +40 °C	Rated frequency (Hz)	50/60 Hz
MATERIALS		Driver	Included
Body	PA6 "Halogen Free" loaded fibreglass	Shield type	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	-
Mounting and installation	Ceiling light - Suspension	External screw	Stainless steel
Tilt	-	Colour	Grey RAL 7035
Wiring	With GW connect watertight connector	STANDARDS AND APPROVALS	
Fixing	-	Classification	-
Light source replaceability	By professional	Device with reduced surface temperature	Yes
Controlgear replaceability	By professional	DIN 18032-3 certification	Available (under certain installation conditions)
Driver Box	Built-in	IPEA	-
Maximum surface exposed to the wind	0,390 m²	Insulation class	I
	-	IP degree	IP65
	-	Mechanical resistance	IK08
	-	Glow Wire Test	850 °C
	-		

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY





Product Data Sheet
GWS4424AA830

SMART [4]

STANDARDS/APPROVALS

