

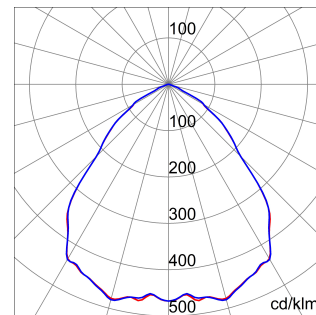
Smart [4] HACCP is the series of indoor LED lighting devices suitable for lighting in the food and beverage industry, ideal for illuminating production areas, warehouses and logistics areas. Three different sizes available: 1M, 2M and 4M. The body is made of nylon "Halogen-free" loaded with grey fibreglass (RAL7035) with venting and anti-condensation device, aluminium alloy heat dissipation device EN AB 44300. It is equipped with a double optical system that provides a metallic reflector with ARRAY optics and a metallic reflector with PMMA lenses stabilized at UV, high efficiency, which allow a wide variety of light distributions 30°, 60°, and 90°, asymmetric and elliptical, screen in PMMA. It is possible to install hanging, wall and projection devices. It is available with three types of Colour Temperature (4000K / 5700K), CRI>80 Colour Rendering Index and two power supply options (ON/OFF or DALI).

GENERAL INFORMATION		OPTIC AND ILLUMINATING FEATURES	
Context	Lighting of logistical and industrial food productive premises	Optic	Array
Luminaire	LED Industrial Reflector	Unified Glare Rating	-
Application	Internal	Lumen output (lm)	19800
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	158
Colour	Grey RAL 7035	Colour temperature	5700 K
Type of light source	LED	Colour Rendering Index	CRI>80
System power	125 W	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)	6.5	Standard	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24
Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	
Stocking temperature	-40 +70 °C	Supply voltage	220 - 240 V
Operating temperature	-30°C ÷ +50 °C	Rated frequency (Hz)	50/60 Hz
MATERIALS		Driver	Included
Body	PA6 "Halogen Free" loaded fibreglass	Shield type	PMMA
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	-
Mounting and installation	Ceiling - Wallmounting - Suspension	External screw	Stainless steel
Tilt	With bracket accessory	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	0,184 m ²	Insulation class	I
		IP degree	IP65
		Mechanical resistance	IK07
		Glow Wire Test	650 °C

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY





Product Data Sheet
GWS4221HA857

SMART [4]

STANDARDS/APPROVALS

