



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	Elliptical
Luminaire Application	LED Industrial Reflector Internal	Unified Glare Rating	-
Unique digital code (Datamatrix)	Datamatrix	Lumen output (lm)	9200
Colour	Grey RAL 7035	Efficacy (lm/W)	144
Type of light source	LED	Colour temperature	5700 K
System power	64 W	Colour Rendering Index	CRI>80
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10 (Tq50°C)=100.000h	Standard Deviation Colour Matching	SDCM = 3
Weight (kg)	3.5	Photobiological Risk Class	RG0
Warranty	5 years	Standard	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24
Stocking temperature	-40 +70 °C	ELETRICAL AND LIGHTING FEATURES	
Operating temperature	-30°C ÷ +50 °C	Supply voltage	220 - 240 V
MATERIALS		Rated frequency (Hz)	50/60 Hz
Body	PA6 "Halogen Free" loaded fibreglass	Driver	Included
Shield type	PMMA	Driver failure rate	F10=70.000h Tq25°C/35.000h Tq50°C
Optic	Metallic PC reflector and PMMA lenses	Overvoltage protection	DM 6 kV / CM 10 kV
Gasket	anti-aging silicone	Control System	ON / OFF
Locking Hook	-	INSTALLATION AND MAINTENANCE	
External screw	Stainless steel	Mounting and installation	Ceiling - Wallmounting - Suspension
Colour	Grey RAL 7035	Tilt	With bracket accessory
STANDARDS AND APPROVALS		Wiring	With GW connect watertight connector
Classification	-	Fixing	-
Device with reduced surface temperature	Yes	Light source replaceability	By professional
DIN 18032-3 certification	Available (under certain installation conditions)	Controlgear replaceability	By professional
IPEA	-	Driver Box	Built-in
Insulation class	I	Maximum surface exposed to the wind	0,097 m²
IP degree	IP65		-
Mechanical resistance	IK07		-
Glow Wire Test	650 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP65

IK
IK07

GWT
650 °C



Product Data Sheet
GWS4120HQ857

SMART [4]

STANDARDS/APPROVALS

