



Smart [4] HT is the series of LED indoor appliances suitable for the food industry, production areas or warehouses where critical temperatures develop. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with venting and anti-condensation device, aluminium alloy heat dissipation device 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-stabilised, high-efficiency PMMA lenses, which allow a wide variety of 60°, 90° and Elliptical light distributions. Operating temperature range "Ta" between -30°C and + 60°C. Suspension, wall and projection appliances can be installed. It is available with three types of Colour Temperature (4000K / 5700K), Color Rendering Index CRI>80 and ON/OFF power supply.

GENERAL INFORMATION		OPTIC AND ILLUMINATING FEATURES	
Context	Logistics and industrial manufacturing lighting	Optic	Elliptical
Luminaire Application	LED Industrial Reflector Internal	Unified Glare Rating	-
Unique digital code (Datamatrix)	Datamatrix	Lumen output (lm)	7100
Colour	Grey RAL 7035	Efficacy (lm/W)	148
Type of light source	LED	Colour temperature	5700 K
System power	48 W	Colour Rendering Index	CRI>80
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10 (Tq60°C)=60.000h	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 + +60 °C	Supply voltage	220 - 240 V
MATERIALS		Rated frequency (Hz)	50/60 Hz
Body	PA6 "Halogen Free" loaded fibreglass	Driver	Included
Shield type	Tempered glass Thickness 4mm	Driver failure rate	F10=100.000h Tq25°C/50.000h Tq60°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	IP66		-
Mechanical resistance	IK08		-
Glow Wire Test	850 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
850 °C



Product Data Sheet
GWS4120CQ857

SMART [4]

STANDARDS/APPROVALS

