

Product Data Sheet

GWS4121HQ857

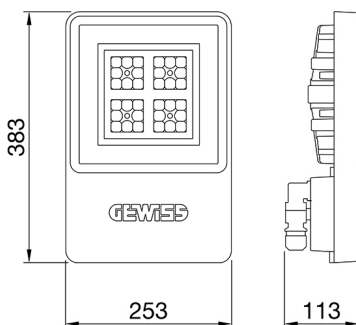
SMART [4]



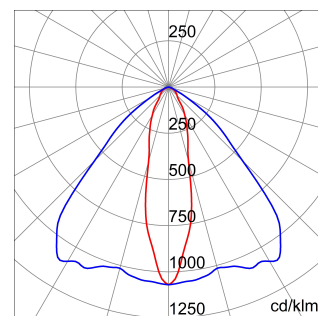
Smart [4] HACCP is the series of indoor LED lighting devices suitable for lighting in the food and beverage industry, ideal for illuminating production areas, warehouses and logistics areas. Three different sizes available: 1M, 2M and 4M. The body is made of nylon "Halogen-free" loaded with grey fibreglass (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 +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=100.000h Tq25°C/50.000h Tq50°C |
| Optic | Metallic PC reflector and PMMA lenses | Overvoltage protection | DM 6 kV / CM 10 kV |
| Gasket | anti-aging silicone | Control System | 1 x DALI DT6 |
| 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 souce replaceability | By professional |
| DIN 18032-3 certification | - | 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

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STANDARDS/APPROVALS

