

SMART[4] Special versions



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

| | |
|----------------------------------|--|
| Context | Lighting of logistical and industrial food productive premises |
| Luminaire | LED Industrial Reflector |
| Aplicație | Internă |
| Unique digital code (Datamatrix) | Datamatrix |
| Culoare | Gri RAL 7035 |
| Tip sursă de lumină | LED - Neînlocuibil |
| Puterea sistemului | 64 W |
| LED Lifetime | L90B10(Tq25°C)>150.000h; L90B10(Tq50°C)=100.000h |
| Greutate (Kg) | 3.5 |
| Garanție | 5 ani |
| Temperatură de stocare | -40 +70 °C |
| Operating temperature | -30 +50 °C |

MATERIALS

| | |
|----------------|---------------------------------------|
| Body | PA6 "Halogen Free" loaded fibreglass |
| Ecran | PMMA |
| Optic | Metallic PC reflector and PMMA lenses |
| Gasket | anti-aging silicone |
| Locking Hook | - |
| External screw | Oțel |
| Colour | Gri RAL 7035 |

STANDARDS AND APPROVALS

| | |
|---|--------|
| Clasificare | - |
| Dispozitiv cu temperatură la suprafață redusă | Da |
| Certificare DIN 18032-3 | - |
| IPEA | - |
| Clasă izolație | I |
| Clasă de protecție IP | IP65 |
| Cod IK | IK07 |
| Glow Test conductori | 650 °C |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|---|
| Optică | Asimetric |
| Unified Glare Rating | - |
| Lumină ieșire (lm) | 8200 |
| Efficiency (lm/W) | 128 |
| Culoare Temperatură | 4000 K |
| Color Rendering Index | CRI>80 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | RG0 |
| Standard | EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24 |

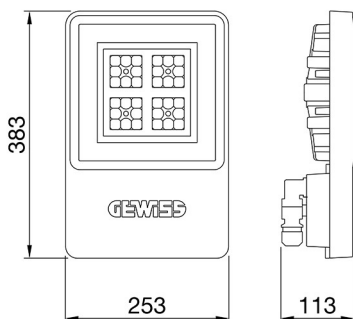
ELETRICAL AND LIGHTING FEATURES

| | |
|-------------------------|-----------------------------------|
| Tensiune de alimentare | 220 - 240 V |
| Frecvență nominală (Hz) | 50/60 Hz |
| Driver | Included |
| Driver failure rate | F10=70.000h Tq25°C/35.000h Tq50°C |
| Overvoltage protection | DM 6 kV / CM 10 kV |
| Control System | ON / OFF |

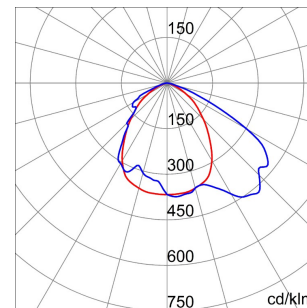
INSTALLATION AND MAINTENANCE

| | |
|---------------------------------|--------------------------------------|
| Mouting and installation | Ceiling - Wallmounting - Suspension |
| Tilt | With bracket accessory |
| Wiring | With GW connect watertight connector |
| Prindere | - |
| Optic Maintenance | Non-replaceable |
| LED Maintenance | Non-replaceable |
| Driver Box | Integrat |
| Suprafață maximă expusă la vânt | 0,097 m² |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



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STANDARDS/APPROVALS

