

SMART[4]



Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with vent and anti-condensation device, heat dissipation device in aluminium alloy 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 stabilized PMMA lenses, with high efficiency, which allow a wide variety of light distributions 30°, 60°, 90°, Asymmetric and Elliptical. The version with through wiring has pre-wired mechanical and electrical connection components. Suspension, wall and projection appliances can be installed. It is available with three types of Colour Temperature (3000K / 4000K / 5700K), Color Rendering Index CRI>80 and two power supply options (ON/OFF or DALI).

GENERAL INFORMATION

| | |
|----------------------------------|---|
| Context | Logistics and industrial manufacturing lighting |
| 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°C + +50 °C |

MATERIALS

| | |
|----------------|---------------------------------------|
| Body | PA6 "Halogen Free" loaded fibreglass |
| Ecran | Tempered glass Thickness 4mm |
| 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 | With Bracket - Rope Kit + terminal (in approval) |
| IPEA | - |
| Clasă izolație | I |
| Clasă de protecție IP | IP66 |
| Cod IK | IK08 |
| Glow Test conductori | 850 °C |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|---|
| Optică | 60° |
| Unified Glare Rating | UGR ≤ 25 |
| Lumină ieșire (lm) | 9200 |
| Efficiency (lm/W) | 144 |
| Culoare Temperatură | 5700 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

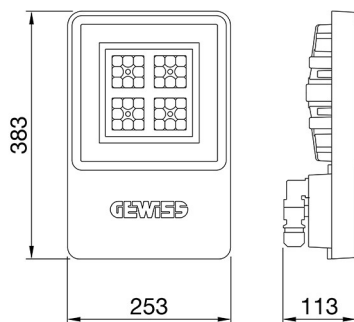
| | |
|-------------------------|--------------------------------------|
| Tensiune de alimentare | 220 - 240 V |
| Frecvență nominală (Hz) | 50/60 Hz |
| Driver | Included |
| Driver failure rate | F10 = 100.000h Tq25°C/50.000h Tq50°C |
| Overvoltage protection | DM 6 kV / CM 10 kV |
| Control System | 1 x DALI DT6 |

INSTALLATION AND MAINTENANCE

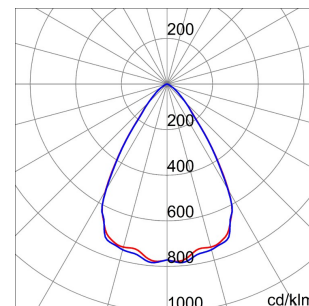
| | |
|--------------------------|--------------------------------------|
| Mouting and installation | Ceiling - Wallmounting - Suspension |
| Tilt | With bracket accessory |
| Wiring | With GW connect watertight connector |
| Prindere | - |
| Optic Maintenance | Non-replaceable |
| LED Maintenance | Non-replaceable |
| Driver Box | Integrat |

| | |
|---------------------------------|----------|
| Suprafață maximă expusă la vânt | 0,097 m² |
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DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



SMART[4]

TECHNICAL SYMBOLOGY



0,097 m²



IP
IP66

IK
IK08

GWT
850 °C

STANDARDS/APPROVALS