

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 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 | Lighting for industries and sports facilities |
| Luminaire | LED Industrial Reflector |
| Aplicație | Internă |
| Unique digital code (Datamatrix) | Datamatrix |
| Culoare | Gri RAL 7035 |
| Tip sursă de lumină | LED - Neînlocuibil |
| System power | 125 W (+5W Emerg.) |
| LED Lifetime | L90B10(Tq25°C)>150.000h; L90B10(Tq40°C)=140.000h |
| Greutate (Kg) | 8 |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|--|
| Optică | Eliptic |
| Unified Glare Rating | - |
| Lumen output (lm) | 16000 (750 Emerg.) |
| Efficiency (lm/W) | 123 |
| Culoare Temperatură | 5700 K |
| Color Rendering Index | CRI>80 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | RG0 |
| Standard | EN 60598-2-22 ; EN 60598-1 ; EN 60598-2-24 |

| | |
|------------------------|------------|
| Garanție | 5 ani |
| Temperatură de stocare | -40 +70 °C |
| Operating temperature | 0 ± +40 °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 | - |
| IPEA | - |
| Clasă izolație | I |
| Clasă de protecție IP | IP65 |
| Cod IK | IK08 |
| Glow Test conductori | 850 °C |

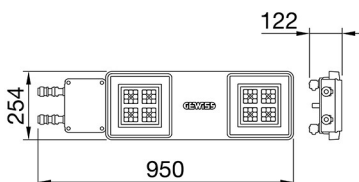
ELETRICAL AND LIGHTING FEATURES

| | |
|-------------------------|---|
| Tensiune de alimentare | 220 - 240 V |
| Frecvență nominală (Hz) | 50/60 Hz |
| Driver | Included |
| Driver failure rate | F10 = 100.000h Tq25°C/50.000h Tq40°C |
| Overvoltage protection | DM 6 kV / CM 10 kV |
| Control System | 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) |

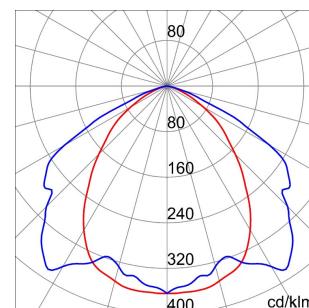
INSTALLATION AND MAINTENANCE

| | |
|---------------------------------|--------------------------------------|
| Mouting and installation | Ceiling light - Suspension |
| Tilt | - |
| Wiring | With GW connect watertight connector |
| Prindere | - |
| Optic Maintenance | Non-replaceable |
| LED Maintenance | NiMH Battery Only |
| Driver Box | Integrat |
| Suprafață maximă expusă la vânt | 0,220 m² |
| - | - |
| - | - |
| - | - |
| - | - |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



SMART[4]

TECHNICAL SYMBOLOGY



0,220 m²



IP
IP65

IK
IK08

GWT
850 °C

STANDARDS/APPROVALS

