

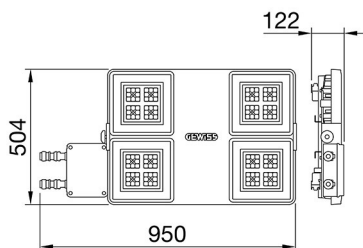
SMART[4]



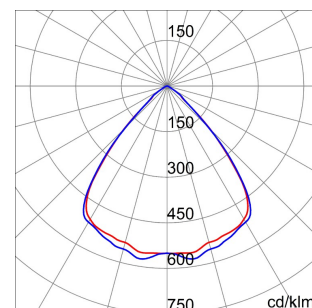
Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded 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 | | OPTIC AND ILLUMINATING FEATURES | |
|---|---|------------------------------------|--|
| Context | Lighting for industries and large sports facilities | Optică | 90° |
| Luminaire | LED Industrial Reflector | Unified Glare Rating | UGR ≤ 22 |
| Aplicație | Internă | Lumen output (lm) | 28300 (850 Emerg.) |
| Unique digital code (Datamatrix) | Datamatrix | Efficiency (lm/W) | 146 |
| Culoare | Gri RAL 7035 | Culoare Temperatură | 4000 K |
| Tip sursă de lumină | LED - Neînlocuibil | Color Rendering Index | CRI>80 |
| System power | 189 W (+5W Emerg.) | Standard Deviation Colour Matching | SDCM = 3 |
| LED Lifetime | L90B10(Tq25°C)>150.000h; L90B10(Tq40°C)=140.000h | Photobiological Risk Class | RG0 |
| Greutate (Kg) | 15 | Standard | EN 60598-2-22 ; EN 60598-1 ; EN 60598-2-24 |
| Garanție | 5 ani | ELETRICAL AND LIGHTING FEATURES | |
| Temperatură de stocare | -40 +70 °C | Tensiune de alimentare | 220 - 240 V |
| Operating temperature | 0 ± +40 °C | Frecvență nominală (Hz) | 50/60 Hz |
| MATERIALS | | Driver | Included |
| Body | PA6 "Halogen Free" loaded fibreglass | Driver failure rate | F10=100.000h Tq25°C/50.000h Tq40°C |
| Ecran | Tempered glass Thickness 4mm | Overvoltage protection | DM 6 kV / CM 10 kV |
| Optic | Metallic PC reflector and PMMA lenses | Control System | 2 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) |
| Gasket | anti-aging silicone | INSTALLATION AND MAINTENANCE | |
| Locking Hook | - | Mouting and installation | Ceiling light - Suspension |
| External screw | Oțel | Tilt | - |
| Colour | Gri RAL 7035 | Wiring | With GW connect watertight connector |
| STANDARDS AND APPROVALS | | Prindere | - |
| Clasificare | - | Optic Maintenance | Non-replaceable |
| Dispozitiv cu temperatură la suprafață redusă | Da | LED Maintenance | NiMh Battery Only |
| Certificare DIN 18032-3 | - | Driver Box | Integrat |
| IPEA | - | Suprafață maximă expusă la vânt | 0,390 m² |
| Clasă izolație | I | - | - |
| Clasă de protecție IP | IP65 | - | - |
| Cod IK | IK08 | - | - |
| Glow Test conductori | 850 °C | - | - |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



SMART[4]

TECHNICAL SYMBOLOGY



0,390 m²



IP
IP65

IK
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GWT
850 °C

STANDARDS/APPROVALS

