

### SMART[4]



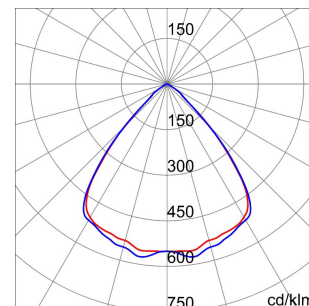
Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded 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                           |   | OPTIC AND ILLUMINATING FEATURES    |   |
|---|---|------------------------------------|---|
| Context                                       | Logistics and industrial manufacturing lighting     | Optică                             | 90°                                       |
| Luminaire                                     | LED Industrial Reflector                            | Unified Glare Rating               | UGR ≤ 25                                  |
| Aplicație                                     | Internă   | Lumină ieșire (lm)                 | 6800                                      |
| Unique digital code (Datamatrix)              | Datamatrix  | Efficiency (lm/W)                  | 142                                       |
| Culoare                                       | Gri RAL 7035  | Culoare Temperatură                | 3000 K                                    |
| Tip sursă de lumină                           | LED - Neînlocuibil                                  | Color Rendering Index              | CRI>80                                    |
| Puterea sistemului                            | 48 W  | Standard Deviation Colour Matching | SDCM = 3                                  |
| LED Lifetime                                  | L90B10(Tq25°C)>150.000h;<br>L90B10(Tq50°C)=100.000h | Photobiological Risk Class         | RG0                                       |
| Greutate (Kg)                                 | 3.5   | Standard                           | EN 60598-1 ; EN 60598-2-1 ; 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                         | -30°C + +50 °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 Tq50°C        |
| Ecran   | Tempered glass Thickness 4mm                        | Overvoltage protection             | DM 6 kV / CM 10 kV                        |
| Optic   | Metallic PC reflector and PMMA lenses               | Control System                     | 1 x DALI DT6                              |
| Gasket  | anti-aging silicone                                 | INSTALLATION AND MAINTENANCE       |   |
| Locking Hook                                  | -   | Mouting and installation           | Ceiling - Wallmounting - Suspension       |
| External screw                                | Oțel  | Tilt                               | With bracket accessory                    |
| 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                    | Non-replaceable                           |
| Certificare DIN 18032-3                       | With Bracket - Rope Kit + terminal (in approval)    | Driver Box                         | Integrat                                  |
| IPEA  | -   | Suprafață maximă expusă la vânt    | 0,097 m²                                  |
| Clasă izolație                                | I   |                                    | -   |
| Clasă de protecție IP                         | IP66  |                                    | -   |
| Cod IK  | IK08  |                                    | -   |
| Glow Test conductori                          | 850 °C  |                                    | -   |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



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### TECHNICAL SYMBOLOGY



**IP**  
IP66

**IK**  
IK08

**GWT**  
850 °C

### STANDARDS/APPROVALS

