

## SMART[3] PLUS



Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI  $\geq 80$  and  $\geq 90$ . IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas. Can replace high flux and lowbay fluorescent devices up to 10,000lm. Available in sizes 800, 1200, 1600mm, powers from 25W to 63W, flows from 4,000lm to 10,000lm, with integrated On/Off or DALI power and 3 different optical solutions, Transparent, Opal and Transparent screen with medium-beam optics complete with TIR lens made of PMMA. The version with through wiring has pre-wired mechanical and electrical components, with a maximum of 25 devices installed in a continuous row. It is possible to install the suspension and wall appliance, accessories bracket GW with inclination of 30° or 45° on the vertical axis. An emergency kit version is available.

### GENERAL INFORMATION

|   |  |
|---|--|
| Context                                       | Lighting of warehouses, indoor parking and industrial production rooms |
| Luminaire                                     | LED fixture for general lighting                                       |
| Aplicație                                     | Internă  |
| Unique digital code (Datamatrix)              | Datamatrix   |
| Culoare                                       | Gri RAL 7035   |
| Tip sursă de lumină                           | LED - Neînlocuibil   |
| Puterea sistemului                            | 63 W   |
| LED Lifetime                                  | L90B10(Tq25°C)=50.000h;<br>L80B10(Tq25°C)=100.000h                     |
| Greutate (Kg)                                 | 4  |
| Garanție                                      | 5 ani  |
| Temperatură de stocare                        | -25 +80 °C   |
| Operating temperature                         | -25 +45°C  |
| <b>MATERIALS</b>                              | -  |
| Body  | Polycarbonate  |
| Ecran   | UV stabilised polycarbonate  |
| Optic   | PMMA lens inside   |
| Gasket  | CNC deposited sealant  |
| Locking Hook                                  | -  |
| External screw                                | -  |
| Colour  | RAL7035 colored PC paste   |
| <b>STANDARDS AND APPROVALS</b>                | -  |
| Clasificare                                   | -  |
| Dispozitiv cu temperatură la suprafață redusă | Da   |
| Certificare DIN 18032-3                       | Not available  |
| IPEA  | -  |
| Clasă izolație                                | II   |
| Clasă de protecție IP                         | IP66/IP69  |
| Cod IK  | IK08   |
| Glow Test conductori                          | 850 °C   |

### OPTIC AND ILLUMINATING FEATURES

|                                    |                                |
|------------------------------------|--------------------------------|
| Optică                             | Transparent with internal lens |
| Unified Glare Rating               | UGR $\leq 25$ (4H/8H)          |
| Lumină ieșire (lm)                 | 8900                           |
| Efficiency (lm/W)                  | 141                            |
| Culoare Temperatură                | 5700 K                         |
| Color Rendering Index              | CRI>80                         |
| Standard Deviation Colour Matching | SDCM = 3                       |
| Photobiological Risk Class         | RG0                            |
| Standard                           | EN60598-1; IEC 62778; IEC62471 |

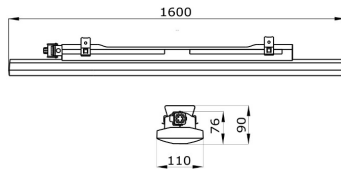
### ELETRICAL AND LIGHTING FEATURES

|                         |                       |
|-------------------------|-----------------------|
| Tensiune de alimentare  | 220-240 V             |
| Frecvență nominală (Hz) | 50/60 Hz              |
| Driver                  | Included              |
| Driver failure rate     | F10 = 100.000h Tq25°C |
| Overvoltage protection  | DM 1KV / CM 2KV       |
| Control System          | Through wiring - DALI |

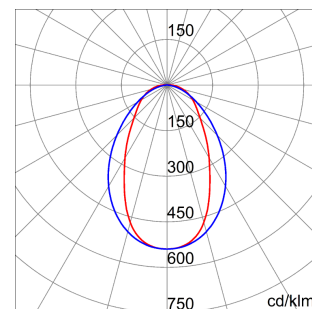
### INSTALLATION AND MAINTENANCE

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Mouting and installation        | Ceiling - Wallmounting - Suspension  |
| Tilt                            | With fixing bracket                  |
| Wiring                          | With GW connect watertight connector |
| Prindere                        | Stainless steel support              |
| Optic Maintenance               | Not available                        |
| LED Maintenance                 | Not available                        |
| Driver Box                      | Integrat                             |
| Suprafață maximă expusă la vânt | -                                    |

## DIMENSIONAL



## PHOTOMETRIC DISTRIBUTION



## TECHNICAL SYMBOLOGY



**IP**

IP66/IP69

**IK**

IK08

**GWT**

850 °C

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## STANDARDS/APPROVALS

