

# PSF LED-E



- Central locking with internal switch
- Through-wiring possible
- LED modules with innovative encapsulation
- Estimated service life up to 70 000 hours
- High color rendering index CRI 80
- With OVP, OCP, OTP protection
- Autonomous reactivation after recovery
- Color temperature 4300K (other CCTs on request)
- **Maintained** (Dauerschaltung)
- **Non maintained** (Bereitschaftsschaltung)



## CONSTRUCTION

Enclosure: SMC polyester plastic reinforced with glass fiber, color RAL 7038  
 Diffuser: PC polycarbonate plastic

Gasket: silicone

Central locking: can be opened/closed using a socket key SW8, hinged lamp cover

The light fitting is normally supplied with socket key, two Ex eb cable glands M25, two Ex eb plugs M25 and with mounting set PSF 30-110

## TECHNICAL DATA

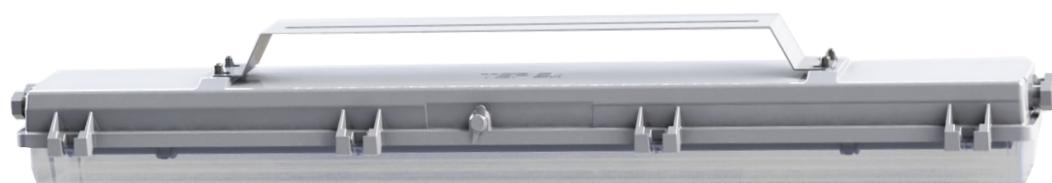
|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| Certificate:                     | FIDI 19 ATEX 0029                                                                                      |
| Marking:                         |                                                                                                        |
| Apparatus category:              | II 2G<br>II 2D                                                                                         |
| Marking of explosion protection: | Ex db eb mb op is IIC T4 Gb<br>Ex tb op is IIIC T80°C Db                                               |
| Ambient temperature:             | -20°C ≤ T <sub>a</sub> ≤ +40°C                                                                         |
| Degree of protection:            | IP 66 category 1                                                                                       |
| Resistance to shock:             | IK 08                                                                                                  |
| Protection class :               | I (protective earthing)                                                                                |
| Operating voltage:               | 110-240 VAC, 220-250 VDC                                                                               |
| Frequency:                       | 50/60 Hz                                                                                               |
| Rated power:                     | See model code table                                                                                   |
| Estimated service life:          | L70B10C10: $T_{amb\ max}$ 35 000 h<br>$T_{amb\ max\ -10°C}$ 60 000 h<br>$T_{amb\ max\ -20°C}$ 70 000 h |
| Connecting terminals:            | L1, L2, L3, N, PE - max. 2,5 mm <sup>2</sup> , external PA terminal                                    |
| Cable entry:                     | Two entries Ex eb M25 for cable diameters Ø7-15 mm, and two Ex eb plugs M25                            |
| Battery:                         | Ni-Mh, 6 V / 6Ah                                                                                       |
| Nominal autonomy:                | 3 h                                                                                                    |
| Packing:                         | The packing contains: 1 pcs<br>PSF 52 LED: 1450 x 290 x150 mm<br>PSF 28 LED: 800 x 290x140 mm          |

## MOUNTING

Pendant, on pole, wall, ceiling



Flexible mounting kit for PSF LED



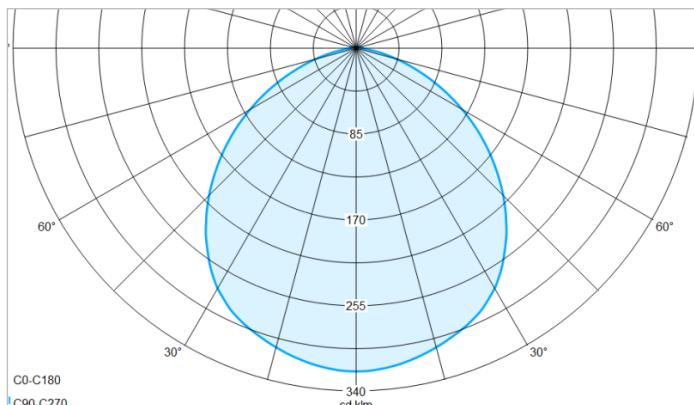
make your work surroundings safer

# Emergency LED light fitting

## MODEL CODE

| MODEL CODE   | Power consumption [W] | Voltage [V]                | Light fitting Luminous flux [lm] | System efficacy [lm/W] | 3h autonomy Lum flux [lm] | Weight  |
|--------------|-----------------------|----------------------------|----------------------------------|------------------------|---------------------------|---------|
| PSF 28 LED-E | 28 W                  | 110-240 VAC<br>220-250 VDC | 3175 lm                          | ~125                   | 1150 lm                   | 8,0 kg  |
| PSF 52 LED-E | 56 W                  |                            | 6110 lm                          |                        | 1150 lm                   | 12,0 kg |

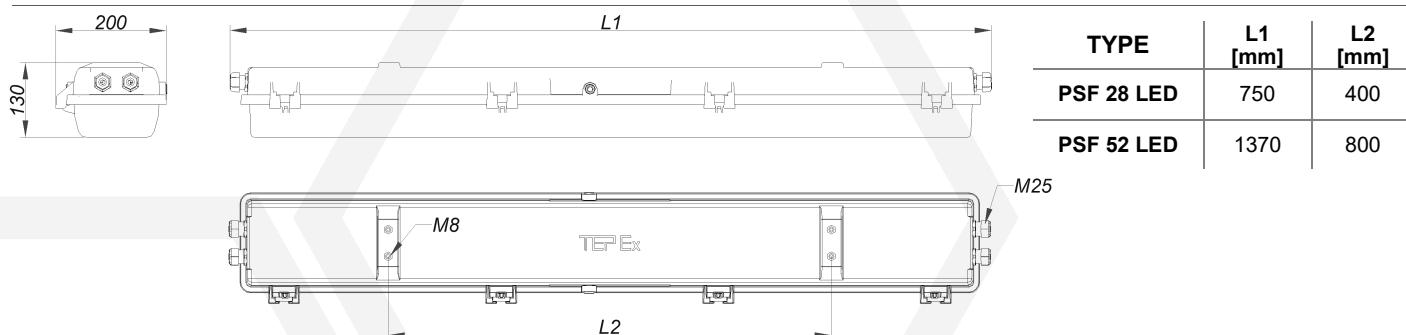
## POLAR CURVE



Pictogram/ according to ISO 7010

|   |                 |   |  |
|---|-----------------|---|--|
| 0 | Without marking | 5 |  |
| 1 | <b>IZLAZ</b>    | 6 |  |
| 2 | <b>EXIT</b>     | 7 |  |
| 3 |                 | 8 |  |
| 4 |                 | 9 |  |

## DIMENSION DRAWING (mm)



## SPARE PARTS AND ACCESSORIES

| SKETCH | DESCRIPTION                        | CODE                                   | SKETCH | DESCRIPTION                               | CODE       |
|--------|------------------------------------|----------------------------------------|--------|-------------------------------------------|------------|
|        | Diffuser PSF                       | PSF 218 10-110<br>PSF 236 20-110       |        | PSF Wall / Ceiling mounting set           | PSF 30-110 |
|        | Gasket PSF                         | PSF 218 10-120<br>PSF 236 20-120       |        | PSF Pipe mounting set                     | PSF 30-120 |
|        | Internal reflector with LED module | LEDEX 03/28<br>LEDEX 03/52             |        | PSF Wall / Ceiling mounting set           | PSF 30-130 |
|        | LED EM driver                      | DRIVEx 02                              |        | Pendant mounting set                      | PSF 30-150 |
|        | LED diffuser                       | PSF 52 LED 30-180<br>PSF 28 LED 30-185 |        | Battery module                            | BATEx 02   |
|        | Flexible mounting kit for PSF LED  | PSF 52 LED 30-190<br>PSF 28 LED 30-195 |        | Metal cable glands for armoured cable M25 | PSF 30-160 |

All technical data is relevant at the time of print.