

PSF LED-E









CONSTRUCTION

Housing: 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 e cable glands M25, two Ex e plugs M25 and with mounting set PSF 30-110

- 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: 4000K

TECHNICAL DATA

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Certificate:	FIDI 19 ATEX 0029				
Marking:	C € 0722				
Apparatus category:	II 2G II 2D				
Marking of explosion protection:	Ex db eb mb op is IIC T4 Gb Ex tb op is IIIC T80°C Db				
Ambient temperature:	$-20^{\circ}C \le T_a \le +40^{\circ}C$				
Degree of protection:	IP 66 category 1				
Resistance to shock:	IK 08				
Protection class :	I (protective earthing)				
Operating voltage:	220-240V				
Frequency:	50/60 Hz				
Rated power:	See model code table				
Estimated service life:	$\begin{array}{l} T_{a} \leq +20^{\circ}C > 130\ 000h \\ T_{a} \leq +30^{\circ}C > 100\ 000h \\ T_{a} \leq +40^{\circ}C > 50\ 000h \end{array}$				
Connecting terminals:	L1, L2, L3, N, PE - max. 2,5 mm2				
Cable entry:	Two entries Ex e M25x1,5 for cable diameters $Ø6-15$ mm, and two Ex e plugs				
Battery:	NiCd, 4,8V/4Ah				
Nominal autonomy:	1,5h or 3h				
Packing:	The packing contains: 1 pcs PSF 52 LED: 1420x270x210 mm PSF 28 LED: 825x270x210 mm				

MOUNTING

Pendant, on pipe, wall, ceiling

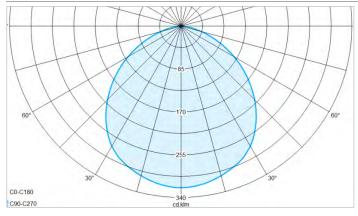


Emergency LED light fitting

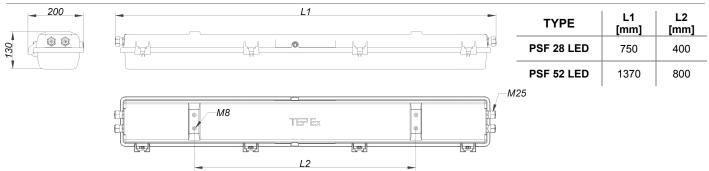
MODEL CODE

MODEL CODE	Power consumption [W]	Voltage [V]	Light fitting Luminous flux [lm]	System efficacy [Im/W]	3h autonomy Lum flux [lm]	WEIGHT
PSF 28 LED-E	28 W	220-	3820 lm	136/144	1150 lm	9,0 kg
PSF 52 LED-E	56 W	230VAC	7645 lm		1150 lm	13,0 kg

POLAR CURVE



DIMENSION DRAWING (mm)



SPARE PARTS AND ACCESSORIES

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Diffuser PSF	PSF LED 28 10-120 PSF LED 52 20-120	Moof5	PSF Ceiling mounting set	PSF 30-110
\swarrow	Gasket PSF	PSF LED 28 10-130 PSF LED 52 20-130		PSF Pipe mounting set	PSF 30-120
	Internal reflector with LED module	PSF LED 28 10-140 PSF LED 52 20-140		PSF Wall mounting set	PSF 30-130
	LED EM driver	DRIVEx 02	Ð	Ring bolt M8	PSF 30-140
	LED difuzor	PSF LED 30-180		Battery module	BATEx 02

Liner LED without and with LED diffuser



All technical data is relevant at the time of print.