

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

TECHNICAL DATA

Certificate:	FIDI 19 ATEX 0029
Marking:	CE 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:	$-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$
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:	$T_a \leq +20^{\circ}\text{C}$ > 130 000h $T_a \leq +30^{\circ}\text{C}$ > 100 000h $T_a \leq +40^{\circ}\text{C}$ > 50 000h
Connecting terminals:	L1, L2, L3, N, PE - max. 2,5 mm ²
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



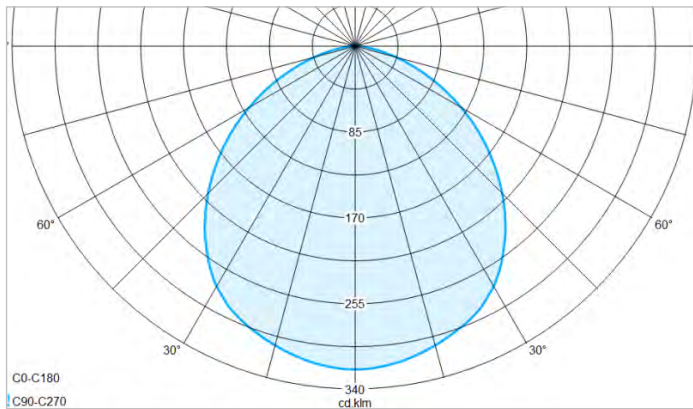
- Central locking with internal switch
- Through-wiring possible
- LED modules with innovative encapsulation
- Estimated service life up to 70 000 hours
- High color rendering index CRI 80
- With OVP, OCP, OTP protection
- Autonomous reactivation after recovery
- Color temperature: 4000K

Emergency LED light fitting

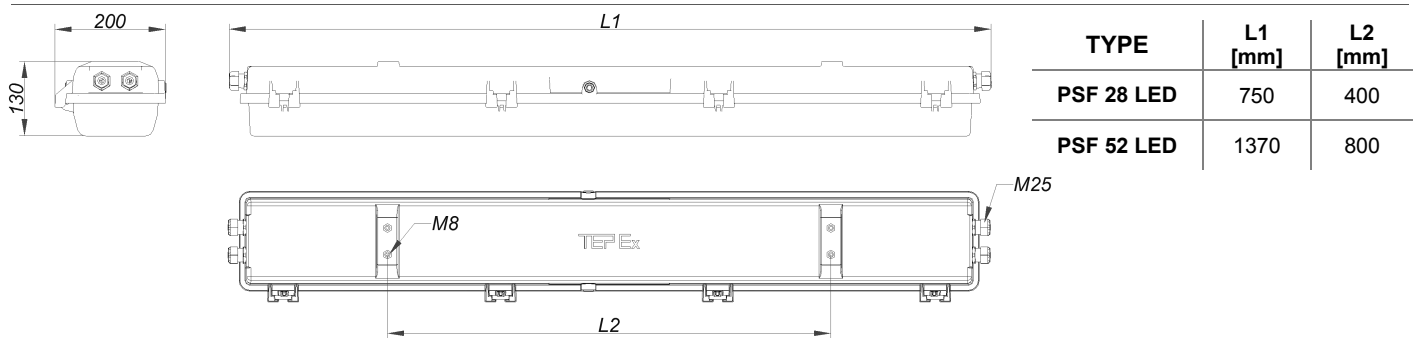
MODEL CODE

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	220-230VAC	3820 lm	136/144	1150 lm	9,0 kg
PSF 52 LED-E	56 W		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		PSF Ceiling mounting set	PSF 30-110
	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		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.