

PSF LED



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 IIIA/IIIC T80°C Db
Ambient temperature:	-30°C ≤ T _a ≤ +55°C -30°C ≤ T _a ≤ +40°C
Degree of protection:	IP 66 category 1
Resistance to shock:	IK 08
Protection class :	I (protective earthing)
Rated voltage:	110-240 VAC / 220-250 VDC
Frequency:	50-60 Hz
Rated power:	See model code table
Estimated service life:	PSF 28 LED-1, PSF 52 LED-1 60 000 hours PSF 28 LED-2, PSF 52 LED-2 70 000 hours
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
Packing:	The packing contains: 1 pcs PSF 52 LED: 1420x270x210 mm PSF 28 LED: 825x270x210 mm

MOUNTING

Pendant, on pipe, wall, ceiling



Liner LED without and with LED diffuser



- Central locking with internal switch
- Through-wiring
- 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 / other CCT on request
- DALI for controlling and monitoring the luminaire on request

Linear LED light fitting

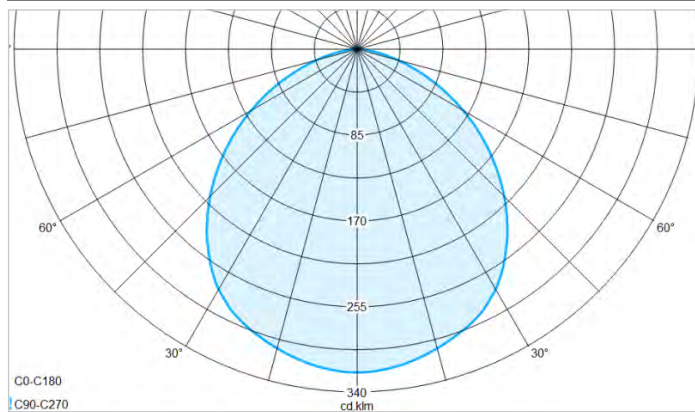
MODEL CODE

MODEL CODE	Power consumption [W]	Voltage [V]	Light fitting Luminous flux [lm]	System efficacy [lm/W]	AMBIENT TEMP.	WEIGHT
PSF 28 LED-2	37 W	110-240 VAC 220-250 VDC	4880 lm	132	$-30^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$	8,0 kg
PSF 52 LED-2	70 W		9390 lm			12,0 kg

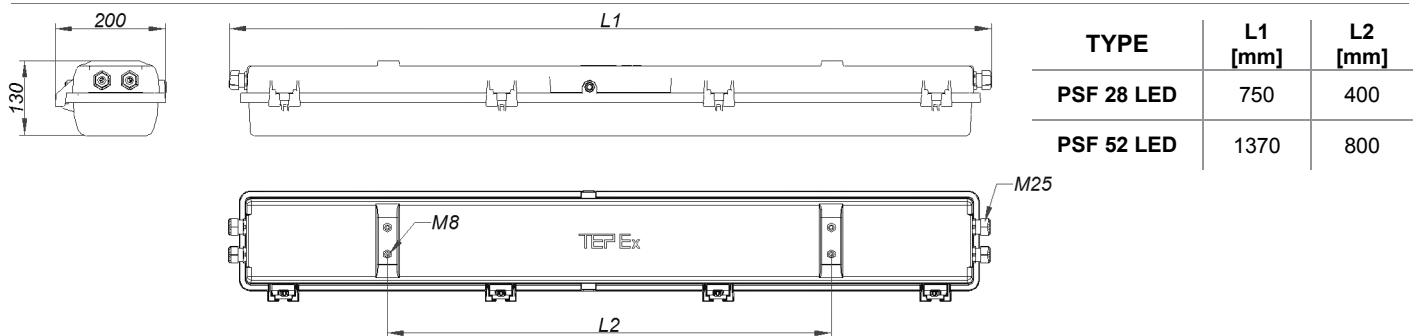
Version for the ambient temperature $T_a \leq +55^{\circ}\text{C}$

PSF 28 LED-1	28 W	110-240 VAC 220-250 VDC	3820 lm	136	$-30^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$	8,0 kg
PSF 52 LED-1	52 W		7110 lm			12,0 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 driver	PSF LED 28 drive PSF LED 52 drive		Ring bolt M8	PSF 30-140
	LED diffuser	PSF LED 30-180		Socket key SW8	PSF236 20-160

All technical data is relevant at the time of print.