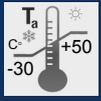


LED

IP 66



IK08

T_a
-30 +50

EM 3h

Ex
ATEX

- 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
- Luminous efficacy 154lm/W
- With OVP, OCP, OTP protection
- Autonomous reactivation after recovery
- Color temperature: 4000K

PSF LED / 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

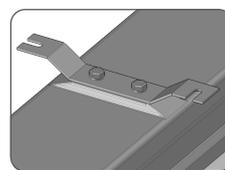
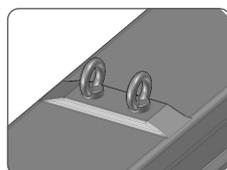
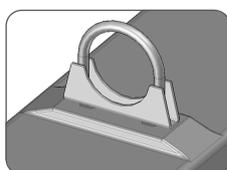
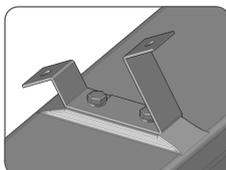
The light fitting is normally supplied with socket key, two Ex e cable glands M25, two Ex e plugs M25 and with mounting set PSF 30-110

TECHNICAL DATA

Certificate:	EXA 18 ATEX 0004
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:	-30°C ≤ T _a ≤ +55°C -30°C ≤ T _a ≤ +40°C 0°C ≤ T _a ≤ +40°C (PSF LED-E, emergency LF)
Degree of protection:	IP 66 category 1
Resistance to shock:	IK 08
Protection class :	I (protective earthing)
Rated voltage:	230 V AC
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
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



Linear LED light fitting

MODEL CODE

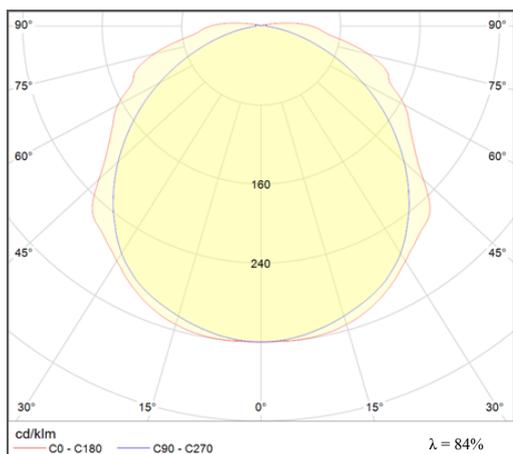
MODEL CODE	LED POWER [W]	VOLTAGE [V]	LUMINOUS FLUX [lm]	LIGHT OUTPUT RATIO η	AMBIENT TEMP.	WEIGHT
PSF 28 LED-2	37 W	220-250VAC	5580 lm	0,84	$-30^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$	8,0 kg
PSF 52 LED-2	70 W		11100 lm			12,0 kg

PSF 28 LED-1	28 W	220-250VAC	4600 lm	0,84	$-30^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$	8,0 kg
PSF 52 LED-1	52 W		9100 lm			12,0 kg

Special types for the ambient temperature $-20^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$

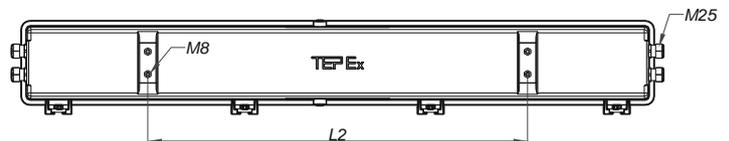
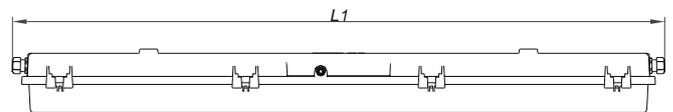
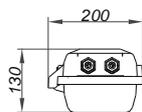
MODEL CODE	LED power [W]	VOLTAGE [V]	LUMINOUS FLUX [lm]	1,5h autonomy LUM [lm]	3h autonomy LUM [lm]	AMBIENT TEMP.	WEIGHT
PSF 28 LED-E	26 W	220-250VAC	4600 lm	685 lm	460 lm	$-0^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$	9,0 kg
PSF 52 LED-E	48 W		9100 lm	1000 lm	550lm		13,0 kg

POLAR CURVE



DIMENSION DRAWING (all dimensions in mm)

TYPE	L1 [mm]	L2 [mm]
PSF LED 28	750	400
PSF LED 52	1370	800



SPARE PARTS AND ACCESSORIES

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Diffuser PSF	PSF LED 28 10-120 PSF LED 52 20-120		Ex e cable gland SPU 25	SPU 25
	Gasket PSF	PSF LED 28 10-130 PSF LED 52 20-130		Ex e plug M25	SPC 25
	Internal reflector with LED module	PSF LED 28 10-140 PSF LED 52 20-140		PSF Ceiling mounting set	PSF 30-110
	LED driver	PSF LED 28 drive PSF LED 52 drive		PSF Pipe mounting set	PSF 30-120
	LED difuzor	PSF LED 30-180		PSF Wall mounting set	PSF 30-130
	Socket key SW8	PSF236 20-160		Ring bolt M8	PSF 30-140

All technical data is relevant at the time of print.