PSF LED-E

LED **IP 66**

IK08 **Tₐ C° -20 +40**

EM 3h **ATEX**

EAC **UKCA**

- 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)

CONSTRUCTION

Housing: SMC polyester plastic reinforced with glass fiber, color RAL 7038
Diffuser: PC polycarbonate plastic
Gasket: silicone
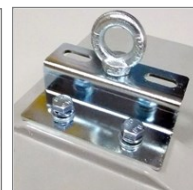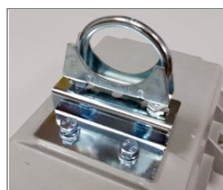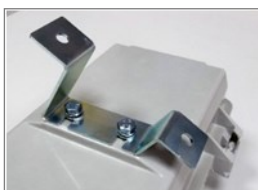Central locking: can be opened/closed using a socket key SW8, hinged lamp cover
The light fitting is normally supplied with socket key, two Ex eb cable glands M25, two Ex eb plugs M25 and with mounting set PSF 30-110

TECHNICAL DATA

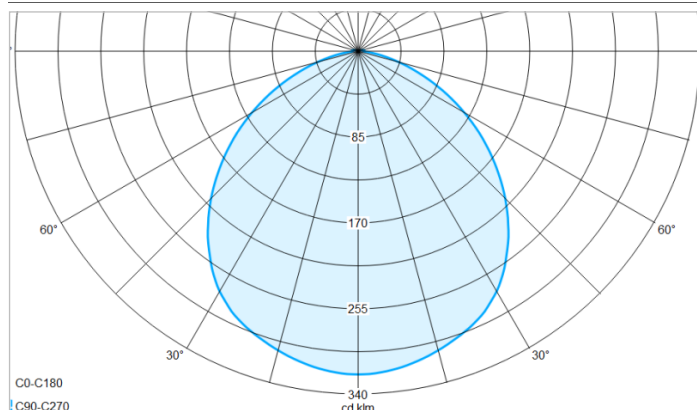|	
Certificate:	FIDI 19 ATEX 0029 EAC RU C-HR.HB07.B.00276/20 CML 21 UKEX 11158
Marking:	$C\epsilon$ 0722
Apparatus category:	II 2G II 2D
Marking of explosion protection:	Ex db eb mb op is IIC T4 Gb Ex tb op is IIIC T80°C Db
Ambient temperature:	-20ºC ≤ T_a ≤ +40ºC
Degree of protection:	IP 66 category 1
Resistance to shock:	IK 08
Protection class :	I (protective earthing)
Operating voltage:	220-240 VAC
Frequency:	50/60 Hz
Rated power:	See model code table
Estimated service life:	L70B10C10: $T_{amb\,max}$ 35 000 h $T_{amb\,max\,-10°C}$ 60 000 h $T_{amb\,max\,-20°C}$ 70 000 h
Connecting terminals:	L1, L2, L3, N, PE - max. 2,5 mm², 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, 6V/6Ah
Nominal autonomy:	1.5 h or 3h
Packing:	The packing contains: 1 pcs 1420x415x140 mm

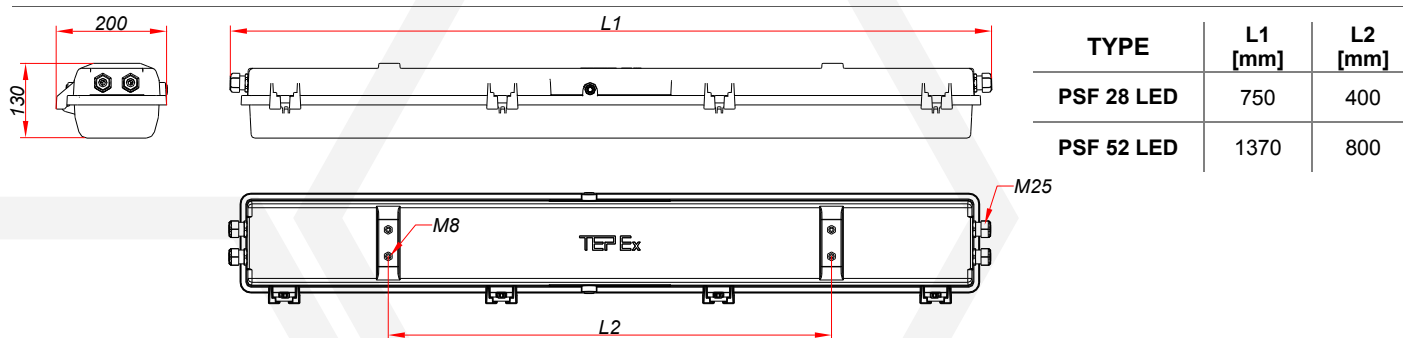## MOUNTING

Pendant, on pipe, wall, ceiling

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	220-240 VAC	3820 lm	~136	1150 lm	8,0 kg
PSF 52 LED-E	56 W		7645 lm		1150 lm	12,0 kg

POLAR CURVE

DIMENSION DRAWING (mm)

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

SPARE PARTS AND ACCESSORIES

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Diffuser PSF	PSF LED 28 10-120 PSF LED 52 20-120		PSF Wall / 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 / Ceiling mounting set	PSF 30-130
	LED EM driver	DRIVEx 02		Ring bolt M8	PSF 30-140
	LED diffuser	PSF LED 30-180		Battery module	BATEx 02

Linear LED without and with LED diffuser

All technical data is relevant at the time of print.