



APPLICATION

The fluorescent light fitting type SIF is intended for use in places with an explosive gas and dust atmosphere. The light fitting is designed for use in the industrial areas and facilities, indoor and outdoor spaces.

Hazardous zones: 1, 2, 21, 22.

Ex fluorescent light fitting type SIF is used as fluorescent lighting fitting with two/four T8 fluorescent lamps in parallel configuration.

CONSTRUCTION

Housing: powder-coated sheet steel , color RAL 9000

Diffuser: flat borosilicate glass with a high thermal and mechanical stability

Gasket: EPDM formed gasket

All-pole are disconnected via NC switch when glass cover is opened.

The light fitting is normally supplied without light sources, two Ex e cable glands M25, one Ex e plug M25 and with two ring screw M8 (pendant version).

TECHNICAL DATA

Certificate:	EXA 13 ATEX 0015
Marking:	CE 0722
Apparatus category:	II 2GD
Marking of explosion protection:	Ex d e mb IIC T4 Gb Ex tb IIIC T80°C Db
Ambient temperature:	-30°C ≤ T _a ≤ +50°C
Degree of protection:	IP 66 in accordance with EN 60529+A1, category 1
Resistance to shock:	IK 08 in accordance with EN 62262
Protection class :	I (protective earthing) in accordance with EN 60598-1
Rated voltage:	220...240 V (±10%)
Frequency:	50/60 Hz
Power factor:	λ=0,95
Ballast lumen factor:	97,4%
End of life switch:	The electronic ballast, type SMP 07/12 fulfills the requirements according to IEC 61347-2-3 (simulation of the "end of life effect" of fluorescent lamps)
Estimated service life:	70 000 h at T _{amb} =40°C
Connecting terminals:	L1, L2, L3, N, PE - max. 4 mm ²
Cable entry:	Two entries Ex e M25x1,5 for cable diameters Ø6-15 mm, and two Ex e plugs, in accordance with EN 62444:2013
Through wiring:	5x terminals 4x4 mm ² , max. 16 A, or looping of the cables (entry and exit on one side)
Disconnection of the light:	Switch with safety lock; when opening the central lock, all poles of the voltage supply to the ballast are disconnected; contacts of the switching element are NC contacts, they can only be switched on again when the lamp cover are closed. In case of a lamp fault, the electronic ballast disconnects the defective lamp from the power supply.
Packing:	The packing contains: 1 pcs 142X415X140 mm

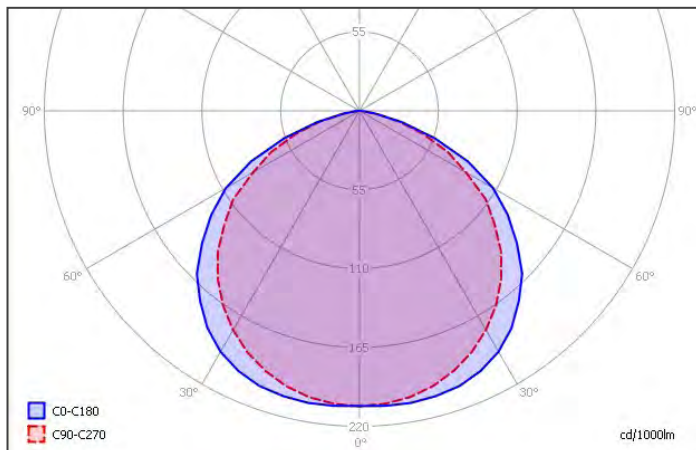
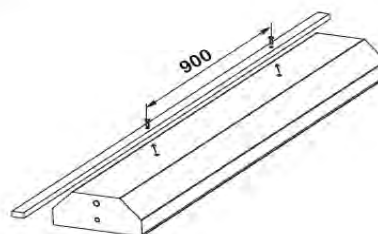
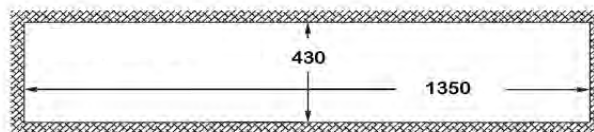
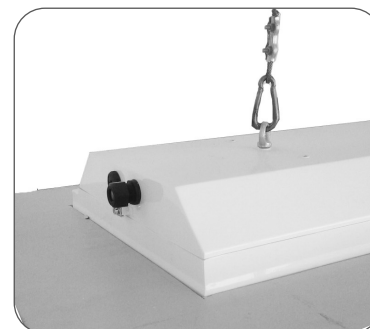
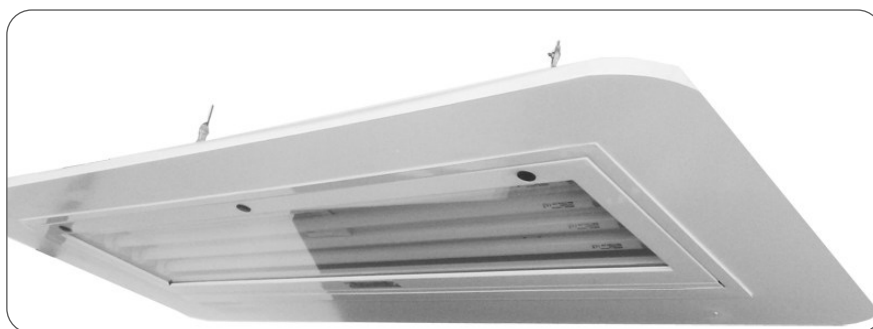
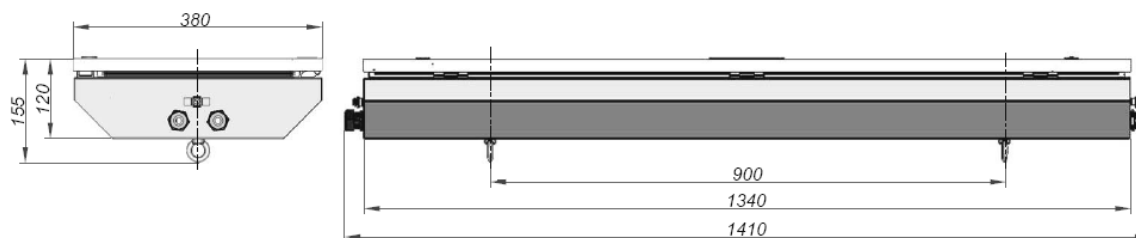
SIF



EXA 13 ATEX 0015

**MODEL CODE**

MODEL CODE	WATTAGE	LAMP TYPE	NOMINAL VOLTAGE	LUMINOUS FLUX [lm]	LAMP HOLDER	NOMINAL OPERATIONAL CURRENT	WEIGHT
SIF 236	2x36 W	T8	220 - 240 V	2 x 3350	G13	0,18 A	25 kg
SIF 436	4x36 W			4 x 3350		0,33 A	27 kg

POLAR CURVE**Recessed light fitting****MOUNTING (Pendant, wall/ceiling mounting, recessed)****DIMENSION DRAWING (all dimensions in mm)****SPARE PARTS AND ACCESSORIES**

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Gasket SIF	SIF 10-130		Ex e cable gland SPU 25	SPU 25
	El. ballast SMP 07/12	SMP 06/12		Ex e plug M25	SPC 25
	Ring bolt M8	-			