



APPLICATION

The luminaire is designed to light the industrial areas and facilities, also outdoor spaces with an explosion hazard of gases, vapors and flammable fogs mixed with air.

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:	ATEX
Marking:	CE 2465
Apparatus category:	II 2GD
Marking of explosion protection:	Ex d e mb IIC T4 Gb Ex tb IIIC T80°C Db
Environment temperature:	$-30^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$
Degree of protection:	IP 66 in accordance with EN 60529+A1, category 1
Resistance to shock:	IK 08 in accordance with EN 50102
Insulation class :	I (protective earthing) in accordance with EN 61140
Rated voltage:	220...240 V ($\pm 10\%$)
Frequency:	50/60 Hz
Power factor:	$\lambda=0,95$
Ballast lumen factor:	97,4%
End of life switch:	The electronic ballast, type SMP 06/12 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 $T_{amb}=40^{\circ}\text{C}$
Connecting terminals:	L1, L2, L3, N, PE - max. 4 mm ²
Cable entry:	Two entries Exe M25x1,5 for cable diameters $\varnothing 8-17$ mm, and one Ex e plug, in accordance with EN 50262
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.

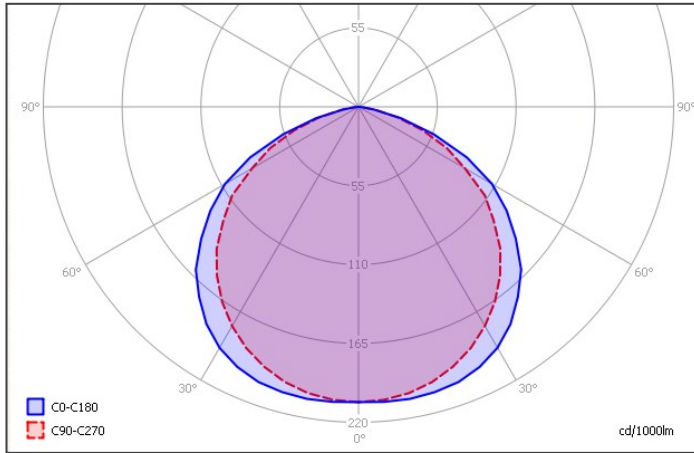
MOUNTING

Pendant, wall/ceiling mounting, recessed

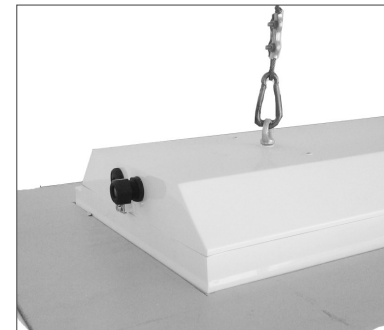
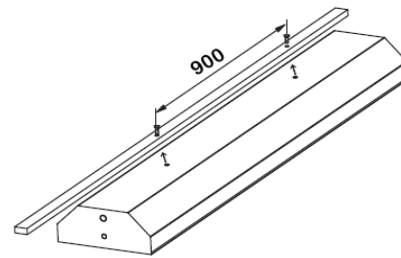
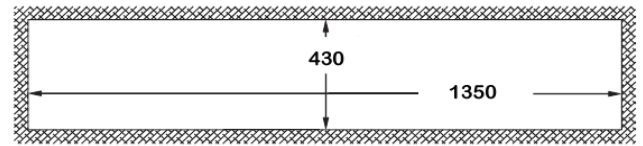
MODEL CODE

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	26 kg
SIF 436	4x36 W			4 x 3350		0,33 A	28 kg

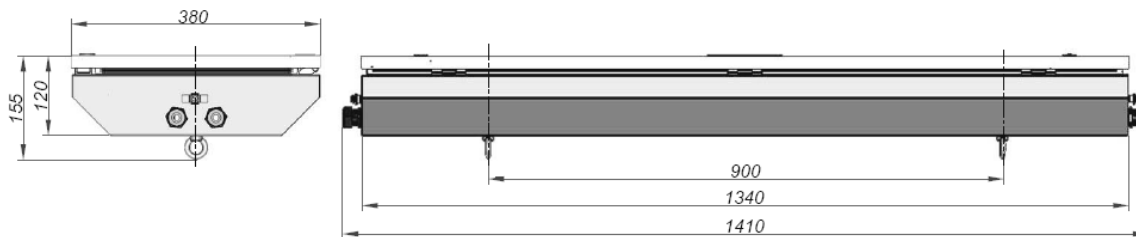
POLAR CURVE



Recessed light fitting



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 06/12	SMP 06/12		Ex e plug M25	SPC 25
	Ring bolt M8	-			