

G13

IP 66



IK08



## SIF



## CONSTRUCTION

Housing: Epoxi/polyester powder-coated sheet steel

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

<b>Certificate:</b>	EXA 13 ATEX 0015
<b>Marking:</b>	CE 0722
<b>Apparatus category:</b>	II 2GD
<b>Marking of explosion protection:</b>	<div> <div>Ex</div> <div>           Ex db eb mb IIC T4 Gb            Ex tb IIIC T80°C Db         </div> </div>
<b>Ambient temperature:</b>	$-30^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$
<b>Degree of protection:</b>	IP 66, category 1
<b>Resistance to shock:</b>	IK 08
<b>Protection class :</b>	I (protective earthing)
<b>Rated voltage:</b>	230 V
<b>Frequency:</b>	50/60 Hz
<b>Power factor:</b>	$\lambda=0,95$
<b>Ballast lumen factor:</b>	98%
<b>Light output ratio:</b>	$\eta=0,72\%$
<b>End of life switch:</b>	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)
<b>Estimated service life:</b>	70 000 h at $T_{amb}=40^{\circ}\text{C}$
<b>Connecting terminals:</b>	Terminal L1+L2+L3+ N + PE; max 3 x 4 mm <sup>2</sup> , Terminal for protective earthing -PE; max 2 x 6 mm <sup>2</sup> Terminal for external grounding, equipotential bounding , max 2 x 6 mm <sup>2</sup>
<b>Cable entry:</b>	Two entries Ex e M25x1,5 for cable diameters Ø6-15 mm, and two Ex e plugs
<b>Through wiring:</b>	5x terminals 4x4 mm <sup>2</sup> , max. 16 A, or looping of the cables (entry and exit on one side)
<b>Disconnection of the light:</b>	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.
<b>Packing:</b>	The packing contains: 1 pcs 142X415X140 mm

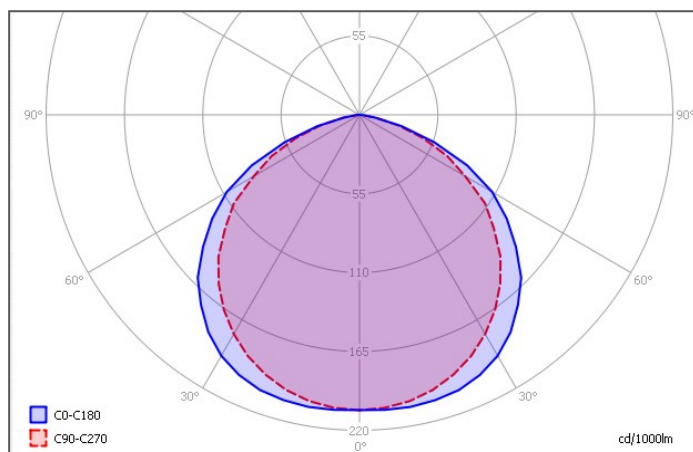
- T8 fluorescent lamps in parallel configuration
- Switch with safety lock; when opening the central lock, all poles of the voltage supply to the ballast are disconnected
- In case of a lamp fault, the electronic ballast disconnects the defective lamp from the power supply
- Recessed mounting set for clear rooms

# Fluorescent light fitting

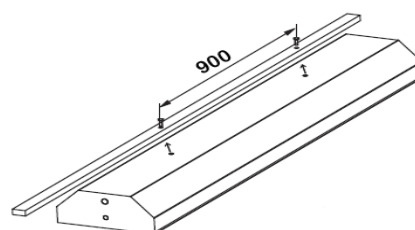
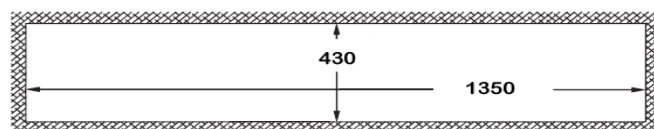
## MODEL CODE

Model code	Max. Wattage	Lamp type	Nominal voltage	Luminous flux [lm]	Lamp holder	Nominal operational current	Weight
SIF 236	2x36 W	T8	230 V	2 x 3350	G13	0,18 A	25 kg
SIF 436	4x36 W			4 x 3350		0,33 A	27 kg

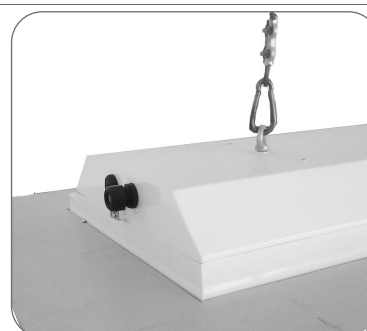
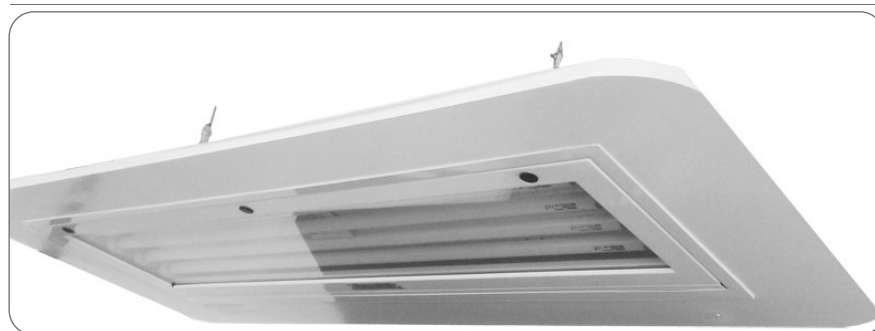
## POLAR CURVE



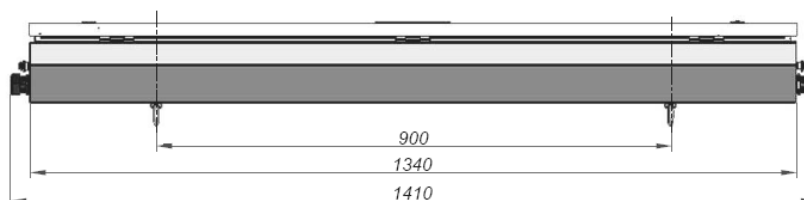
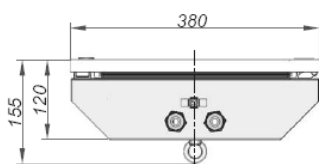
## RECESSED LIGHT FITTING



## MOUNTING (Pendant, wall/ceiling mounting, recessed )



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## SPARE PARTS AND ACCESSORIES

Sketch	Description	Code	Sketch	Description	Code
	Gasket SIF	SIF 10-130		Glass cover SIF	SIF 10-140
	El. ballast SMP 07/12	SMP 07/12		Wall mounting set on 45°	SIF 20-140
	Ring bolt M8	-		Recessed mounting set	SIF 20-150

All technical data is relevant at the time of print.