

### CONSTRUCTION

Enclosure: Epoxy/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 switch when glass cover is opened.  
 The light fitting is normally supplied without light sources, two Ex eb cable glands M25, two Ex eb plug M25 and with two ring screw M8 (pendant version).

### TECHNICAL DATA

<b>Certificate:</b>	FIDI 20 ATEX 0023
<b>Marking:</b>	CE <sub>0722</sub>
<b>Apparatus category:</b>	II 2GD
<b>Marking of explosion protection:</b>	Ex db eb mb op is IIC T5 Gb Ex tb op is IIIC T80°C Db
<b>Ambient temperature:</b>	-20°C ≤ T <sub>a</sub> ≤ +40°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>Operating voltage:</b>	110-240 VAC, 220-250 VDC
<b>Frequency:</b>	50/60 Hz
<b>Rated power:</b>	See model code table
<b>Estimated service life:</b>	L70B10C10: T <sub>amb max</sub> 35 000 h T <sub>amb max -10°C</sub> 60 000 h T <sub>amb max -20°C</sub> 70 000 h
<b>Connecting terminals:</b>	L1, L2, L3, N, PE - max. 2,5 mm <sup>2</sup>
<b>Cable entry:</b>	Two entries Ex eb M25x1,5 for cable diameters Ø7-15 mm, and two Ex eb plugs
<b>Battery:</b>	NiMh, 6V/10 Ah
<b>Nominal autonomy:</b>	3 h
<b>Packing:</b>	The packing contains: 1 pcs PSF 52 LED: 1420x270x210 mm PSF 28 LED: 825x270x210 mm

### MOUNTING

Pendant, wall, ceiling, recessed

*Linear LED without and with LED diffuser*



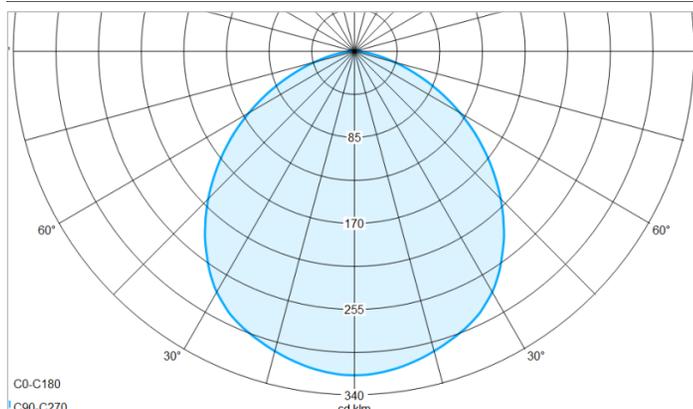
- Central locking with internal switch
- Through-wiring possible
- LED modules with innovative encapsulation
- Estimated service life up to 70 000 hours
- High color rendering index CRI 80
- With OVP, OCP, OTP protection
- Autonomous reactivation after recovery
- Color temperature 4300K (other on request)
- **Maintained** (Dauerschaltung)
- **Non maintained** (Bereitschaftschaltung)

# Emergency LED light fitting

## MODEL CODE

MODEL CODE	Power consumption [W]	Voltage [V]	Light fitting Luminous flux [lm]	System efficacy [lm/W]	3h autonomy Lum flux [lm]	WEIGHT
SIF 152 LED-E	56 W	220-240 VAC	5660 lm	~110	900 lm	22 kg
SIF 252 LED-E	108 W		10530 lm		900 lm	26 kg

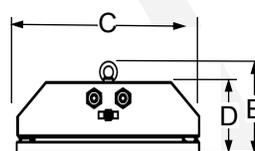
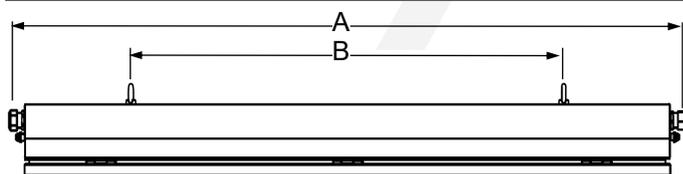
## POLAR CURVE



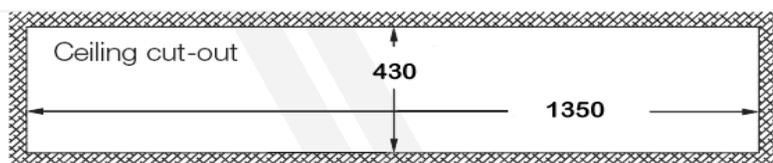
## Pictogram/ according to ISO 7010

0	Without marking	5	
1		6	
2		7	
3		8	
4		9	

## DIMENSION DRAWING (mm)



A	B	C	D	E
1410	900	380	90	125



## SPARE PARTS AND ACCESSORIES

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Glass cover SIF	SIF 10-140		Wall mounting set	SIF 20-160
	Gasket SIF	SIF 10-130		Recessed mounting set	SIF 20-150
	Internal reflector with LED module	SIF LED 52 20-140		Pole mounting set	SIF 20-170
	LED EM driver	DRIVEx 02		Ceiling mounting set	SIF 20-140
	LED difuzor	SIF LED 30-180		Wall mounting set At the angle	SIF 20-180

All technical data is relevant at the time of print.