

LED

IP 66

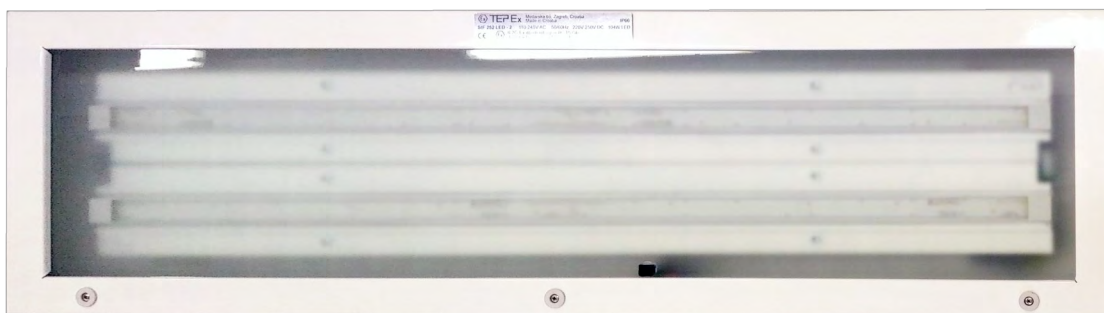


IK08



- Switch with safety lock; when opening the central lock, all poles of the voltage supply to the LED driver/s are disconnected
- Recessed mounting set for clear / clean rooms
- Through-wiring
- 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: 4000K / other CCT on request

SIF 52 LED



CONSTRUCTION

Housing: 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 NC switch when glass cover is opened.
 The light fitting is normally supplied with two Ex e cable glands M25, one Ex e plug M25 and with two ring screw M8 (pendant version).

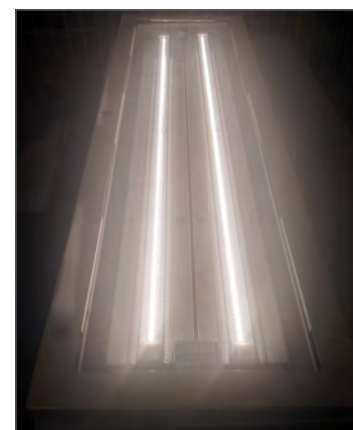
TECHNICAL DATA

Certificate:	FIDI 20 ATEX 023
Marking:	CE 0722
Apparatus category:	II 2GD
Marking of explosion protection:	Ex db eb mb op is IIC T5 Gb Ex tb op is IIIC T80°C Db
Ambient temperature:	$-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$
Degree of protection:	IP 66, category 1
Resistance to shock:	IK 08
Protection class :	I (protective earthing)
Rated voltage:	110-240 VAC / 220-250 VDC
Frequency:	50/60 Hz
Estimated service life:	70 000 hours
Connecting terminals:	Terminal L1+L2+L3+ N + PE; max 3 x 4 mm ² , Terminal for protective earthing -PE; max 2 x 6 mm ² Terminal for external grounding, equipotential bounding , max 2 x 6 mm ²
Cable entry:	Two entries Ex e M25x1,5 for cable diameters Ø6-15 mm, and two Ex e plugs
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 LED modules are disconnected
Packing:	The packing contains: 1 pcs 1420x415x140 mm

MOUNTING Pendant, wall/ceiling mounting, recessed



Liner LED without and with LED diffuser



Linear LED light fitting

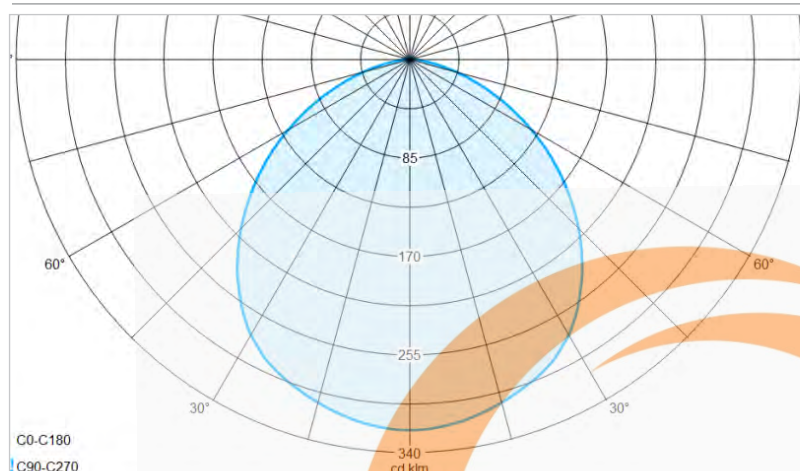
MODEL CODE

MODEL CODE	Power consumption [W]	Voltage [V]	LED source Luminous flux [lm]	Light fitting Luminous flux [lm]	System efficacy [lm/W]	AMBIENT TEMP.	WEIGHT
SIF 152 LED	52 W	110-240 VAC 220-250 VDC	8460	5300 lm	~102	-20°C ≤ T _a ≤ +50°C	22 kg
SIF 252 LED	104 W		16 920	10 200 lm			26 kg

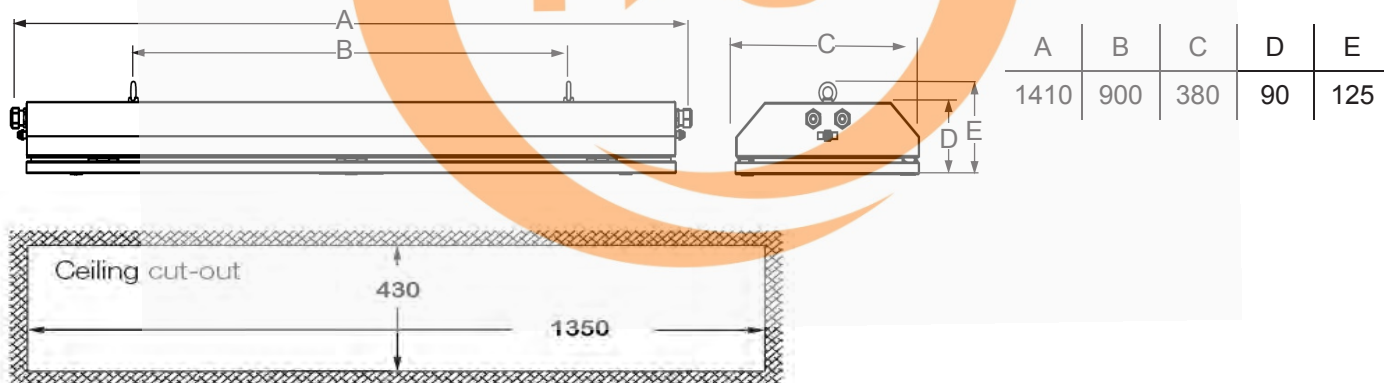
SIF .52 LED-1 surface mounted **SIF .52 LED-2** recessed mounted version

POLAR CURVE

RECESSED LIGHT FITTING



DIMENSION DRAWING (mm)



SPARE PARTS AND ACCESSORIES

Sketch	Description	Code	Sketch	Description	Code
	Gasket SIF	SIF 10-130		Glass cover SIF	SIF 10-140
	LED driver	SIF LED 52 drive		Wall mounting set on 45°	SIF 20-140
	LED modules set	SIF LED 52 20-140		Recessed mounting set	SIF 20-150
	LED diffuser	SIF LED 30-180		Ring bolt M8	-

All technical data is relevant at the time of print.