



LED

IP 66



IK08



DALI

ATEX

- 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

<b>Certificate:</b>	FIDI 20 ATEX
<b>Marking:</b>	CE 0722
<b>Apparatus category:</b>	II 2GD
<b>Marking of explosion protection:</b>	Ex db eb mb op is IIC T4 Gb Ex tb op is IIIA/IIIC T80°C Db
<b>Ambient temperature:</b>	-20°C ≤ Ta ≤ +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>Rated voltage:</b>	110-240 VAC / 220-250 VDC
<b>Frequency:</b>	50/60 Hz
<b>Estimated service life:</b>	70 000 hours
<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 LED modules are disconnected
<b>Packing:</b>	The packing contains: 1 pcs 1420x415x140 mm

**MOUNTING** Pendant, wall/ceiling mounting, recessed



*Liner LED without and with LED diffuser*

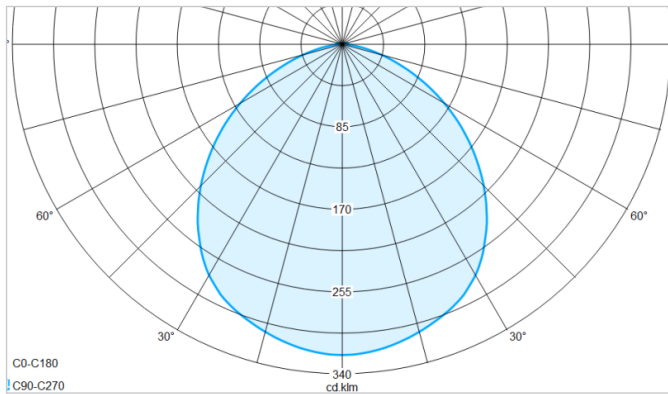


# Linear LED light fitting

## 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 52 LED-1	52 W	110-240 VAC 220-250 VDC	8460	7110 lm	136	-30°C ≤ T <sub>a</sub> ≤ +40°C	22 kg
SIF 52 LED-2	104 W		16 920	14 220 lm			26 kg

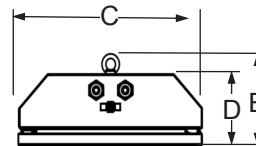
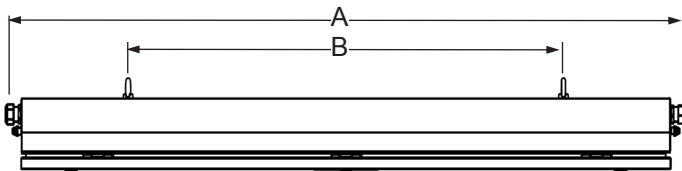
## POLAR CURVE



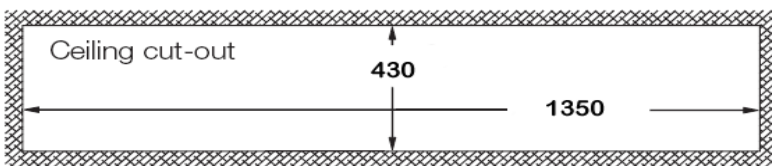
## RECESSED LIGHT FITTING



## DIMENSION DRAWING (mm)



A	B	C	D	E
1410	900	380	120	155



## 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.