



[1] **EU – TYPE EXAMINATION CERTIFICATE**

[2] Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres  
Directive 2014/34/EU.

[3] EU-Type Examination Certificate Number: **FIDI 24 ATEX 0013** Issue: **0**

[4] Product: **Linear LED fitting**  
Type: **SIF 60 LED or SIF 60 LED/E**

[5] Manufacturer: **TEPEX Ltd.**

[6] Address: **Medarska 69, 10090 Zagreb, Croatia**

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and documents therein referred to.

[8] FIDITAS Ltd., Notified Body number 2829 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II of the Directive.

The examination and test results are recorded in confidential Report No: **FIDI 24 CR 029**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018**                      **EN 60079-1:2014**                      **EN IEC 60079-7:2015 / A1:2018**  
**EN 60079-18:2015 / A1:2017**

except in respect of those requirements listed at item 18 of the Schedule.

[10] If the sign 'X' is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

[11] This EU-Type Examination Certificate relates only to the design, examination and test of the specified product in accordance with Annex III. Further requirements of the Directive apply to the manufacturing process and supply of this products. These are not covered by this certificate.

[12] The marking of the product shall include the following:



**II 2G Ex db eb mb IIC T6 Gb**  
**II 2D Ex tb IIIC T80°C Db**

Our ref.: 23.CRT.453

Date: 24.09.2024



**Fiditas**  
ZAGREB

**FIDITAS Ltd.**  
**Certification department**

Approved/

*Marino Kelava*  
Marino Kelava, M.E.Eng.

[13] **SCHEDULE**

[14] **EU - TYPE EXAMINATION CERTIFICATE No.:** **FIDI 24 ATEX 0013**

[15] **Description of product**

The enclosure of LED light fitting made of sheet steel with an integrated profile gasket, is closed with screws by a cover made of sheet steel with flat borosilicate tempered glass. The welded steel construction of the housing and the glass frame is protected by double-layer plasticization against corrosion.

The light fitting SIF 60 LED contains following components:

- LED module with integrated thermal protection type: LEEx 05, manufacturer TEPEX, II2G Ex mb IIC Gb,
- LED driver type: DRIVEx 01, manufacturer TEPEX, FIDI 19 ATEX 0019U, II 2G Ex db IIC Gb;
- terminals type: CMC, manufacturer Connectwell Industries Pvt, SIRA 16 ATEX 3170U, II 2G Ex eb IIC Gb.

The light fitting for emergency light SIF 60 LED/E lamp enclosure contains following components:

- LED module with integrated thermal protection type: LEEx 05, manufacturer TEPEX, II2G Ex mb IIC Gb;
- safety driver type: DRIVEx 02, manufacturer TEPEX, II2G Ex db IIC Gb, FIDI 19 ATEX 0029;
- battery module type: BATEX 02, manufacturer TEPEX, II2G Ex eb IIC Gb, FIDI 19 ATEX 0029;
- battery protective module type: BSM 01, manufacturer TEPEX, II2G Ex db eb IIC Gb, FIDI 19 ATEX 0029;
- LED indicator type: LEEx 02, manufacturer TEPEX, FIDI 19 ATEX 0005U; II2G Ex mb IIC Gb;
- terminals type: CMC, manufacturer Connectwell Industries Pvt, SIRA 16 ATEX 3170U, II 2G Ex eb IIC.

For cable entry, separately certified cable glands or stopping plugs designed as increased safety "eb" (EN IEC 60079-7) and protection by enclosure 'tb' (EN IEC 60079-31) and IP66 shall be used.

**Technical data:**

Rated voltage:	110Vac - 230 Vac; 50/60 Hz
Rated power:	SIF 60 LED/1 52 W SIF 60 LED/2 70 W SIF 60 LED/E 56 W
Ambient temperature:	-20°C to +40°C
Mechanical protection:	IP66

**Warning markings:**

"DO NOT OPEN WHEN ENERGIZED"  
"FOR HORIZONTAL MOUNTING ONLY, SEE INSTALLATION INSTRUCTION DOCUMENT"

[16] **Confidential Report No.** FIDI 24 CR 029

[16.1] **Routine testing**

The manufacturer shall carry out routine test of dielectric strength according to clause 7.1 of the standard EN IEC 60079-7.

**[17] Specific Conditions of Use**

None

**[18] Essential Health and Safety Requirements**

Covered by the conformity with harmonized standards listed under item 9.

**[19] Drawings and Documents**

Title:	Drawing No.:	Rev. level:	Date:
Technical description of linear LED fitting SIF 60 LED and SIF 60 LED/E		/	23.09.2024
Certification drawings:			
SIF 60 LED	T14.11.01.00-1	/	23.09.2024
SIF 60 LED	T14.11.01.00-2	/	23.09.2024
SIF 60 LED/E	T14.11.01.00-3	/	23.09.2024
SIF 60 LED/E	T14.11.01.00-4	/	23.09.2024
LEDEx 05	T14.11.01.00-5	/	23.09.2024
Description of certification drawings T14.11.01.00	/	/	23.09.2024
Instruction for use linear LED fitting SIF 60 LED	TEPEX.RS.128	1	23.09.2024

