



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

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

[3] Supplementary EU-Type Examination Certificate Number: **FIDI 19 ATEX 0028/1**

[4] Product: **Emergency light fitting**

Type: **FLXE 118 LED-N . / .**

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

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

[7] This supplementary certificate extends EU – Type Examination Certificate to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule to this certificate and the 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.

[9] The examination and test results are recorded in confidential Report No: **FIDI 21 CR 018**

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



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

Our ref.: 21.CRT.33

Date: 06.04.2021.



FIDITAS Ltd.
Certification department
Approved:

Marino Kelava /M.E.Eng.

[11] **SCHEDULE**

[12] **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE No.:**
FIDI 19 ATEX 0028/1

[13] **Description of the variation to the Product**

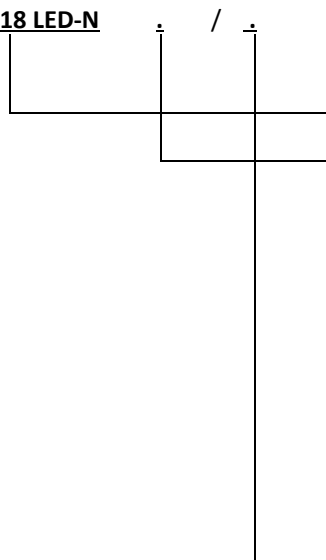
This supplement applies to the type FLXE 118 LED-N luminaire with a new type design construction and a new battery type. Emergency light fitting FLXE 118 LED-N is constructed with one chamber in the type of protection flameproof enclosure "d". The chamber is made of a glass tube, at the ends cemented into a metal housing case, which is closed with a threaded cover. The connecting rods between the metal ends of the housing relieve the cemented joint from mechanical stress. Silicone gaskets are provided on the covers to provide IP protection. Inside the case is a printed circuit board with all components. The luminaire can be further fitted with a protective grid and an external reflector.

For cable entry, the use of separately certified cable glands designed as flameproof "d" and protection by enclosure "t" or a certified adapter manufactured by TEPEX, type: ADP, FIDI 19 ATEX 0014X; II 2G Ex db eb IIC T6 Gb; II 2D Ex tb IIIC T85°C Db.

In the version with the adapter, the installer must provide additional cable anchoring and protect the adapter from mechanical impact.

Marking:

FLXE 118 LED-N



Basic marking code:

Cable entry designation:

- **0** – Ex db / tb cable gland 2 x M20, ISO 965-1, ISO 965-3
- **1** – Ex db / tb cable gland 2 x 3/4"NPT, ANSI/ASME B1.20.1
- **2** – Ex db / tb cable gland 2 x M20, ISO 965-1, ISO 965-3 with adapter, type ADP 24/1 and one Exd stopping plug
- **3** – Ex db / tb cable gland 2 x M20, ISO 965-1, ISO 965-3 with adapters, type ADP 24/1 and type: ADP 22/1
- **4** – Ex db / tb cable gland 2 x M20, ISO 965-1, ISO 965-3 with two adapters type ADP 24/1
- **5** - Ex db / tb cable gland 2 x M20, ISO 965-1, ISO 965-3 with adapter ADP 24/1 and Ex db / Ex tb with reducing M20/M16 + Ex db / Ex tb cable gland M16

Pictogram according to DIN 4844-2

Warning markings:

“DO NOT OPEN WHEN ENERGIZED”

“DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT”

„SEE INSTALLATION INSTRUCTION DOCUMENT”

Technical data:

Rated voltage:	230V AC / 50 Hz
Maximal power consumption:	10,8 VA
Power and type of light source:	LED 1,4 W – in main and battery mode
Battery:	2 x LiFePO4 3,2 V / 1,5 Ah
Mechanical protection:	IP 66
Ambient temperature:	-20°C to +50°C

[14] Confidential Report No. FIDI 21 CR 018
[14.1] Routine testing

None additional to those listed previously

[15] Specific Conditions of Use

Version

[16] Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

[19] Drawings and Documents

Title:	Drawing No.:	Rev. level:	Date:
Technical description of emergency LED light fitting, type: FLXE 118 LED	-	-	31.03.2021.
Certification drawing emergency LED light fitting, type: FLXE 118 LED	T 12.52.00.00-1	-	31.03.2021.
Certification drawing emergency LED light fitting, type: FLXE 118 LED	T 12.52.00.00-2	-	31.03.2021.
Certification drawing - electrical scheme	T 12.52.00.00-3	-	31.03.2021.
Certification drawing emergency LED light fitting, type: FLXE 118 LED	T 12.52.00.00-4	-	31.03.2021.
Description of certification drawings T 12.52.00.00-1/2	-	-	31.03.2021.
Instruction for use of emergency LED light fitting type FLXE 118 LED	TEPEX.RS.052	05	31.03.2021.