



## EU – TYPE EXAMINATION CERTIFICATE

[1]

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

[3] EU-Type Examination Certificate Number: **FIDI 19 ATEX 0046**

Issue: **1**

[4] Product: **Pendant LED light fitting**

Type: **0401.35 LED 30**

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

[6] Product: **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 19CR046**

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

**EN IEC 60079-0:2018**

**EN IEC 60079-7:2015 / A1:2018**

**EN 60079-18:2015 / A1:2017**

**EN 60079-28:2015**

**EN 60079-31:2014**

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 eb mb op is IIC T4 Gb**

**II 2D Ex tb op is IIIC T80°C Db**

Our ref.: 19.CRT.027

Date: 08.04.2020.



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

Approved:

Marino Kelava, M.E.Eng.

**[13] SCHEDULE****[14] EU - TYPE EXAMINATION CERTIFICATE No.: FIDI 19 ATEX 0046****[15] Description of product**

LED light fitting type 0401.35 LED 30 is designed in type of protection increased safety "eb" and protection by enclosure „tb“. LED module with thermal protection, a heat sink and certified terminals (Manufacturer Connectwell industries Pvt; SIRA 16 ATEX 3170U; II2G Ex eb IIC Gb) are mounted inside the enclosure.

For cable entry separately certified cable glands in type of protection increased safety „eb“ and protection by enclosure „tb“ shall be used.

**Technical data:**

Rated voltage:	230 Vac
Frequency:	50 Hz
Rated power:	30 W
Ambient temperature:	-40°C to +40°C
Mechanical protection:	IP 66

**[16] Confidential Report No. FIDI 19CR046****[16.1] Routine testing**

The manufacturer shall carry out dielectric strength test 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 pendant light fitting type 0401.35 LED	-	-	06.04.2020.
Certification drawing, pendant light fitting type 0401.35 LED	T14.35.00.00	-	06.04.2020.
Description of certification drawing T14.35.00.00	-	-	06.04.2020.
Instructions for use of pendant light fitting type 0401.35 LED	TEPEX.RS.091	02	06.04.2020.