

[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: **EXA 14 ATEX 0028/1**

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

Type: **PLFS 50 LED - .**

[5] Manufacturer: **TEP Ex d.o.o.**

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

[7] This supplementary certificate extends EC – 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] Ex-Agencija, Notified Body number 2465 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, as modified by this supplementary certificate, 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.

In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

[9] The examination and test results are recorded in confidential Report No.: **EXA 17CR089**

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



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

Date: 13.12.2017.

PB.17.TC.465/AH

Ex-Agencija
Department of equipment certification
Approved by:

Stipo Đerek, dipl.ing.el.



[11]

SCHEDULE

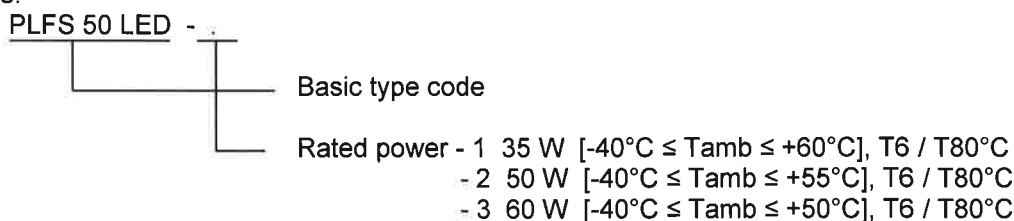
[12]

SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE No.: EXA 14 ATEX 0028

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

This supplement refers to extension with two new LED light sources: 35 W and 60 W and extension of ambient temperature to +55°C for already approved light source with power 50 W. Conformity assessment is carried out according to the new editions of standards: EN 60079-0:2012+A11:2013; EN 60079-1:2014; EN 60079-7:2015; EN 60079-31:2014 and according to EN 60079-28:2015.

Type code:



Technical data:

Rated voltage: 230 VAC; 50 Hz
Mechanical protection: IP66, category 1

[14] **Confidential Report No.** EXA 17CR089

[14.1] **Routine testing**

The manufacturer shall carry out the following routine tests:

- overpressure test with pressure not less than 18.5 bar in a period of at least 10 s,
- dielectric strength with test voltage: 1500 V in period of at least 60 s or 1800 V in period of at least 100 ms.

[15] **Specific Conditions of Use**

None

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

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

[17] **Drawings and Documents**

| Title: | Drawing No.: | Rev. level: | Date: |
|---|-----------------|-------------|-------------|
| Technical description of Ex-protected pendant light fitting, type PLFS LED 50 - . | - | - | 30.11.2017. |
| Certification drawing light fitting PLFS LED 50 - . | T 17.02.03.00-1 | - | 30.11.2017. |
| Certification drawing light fitting PLFS LED 50 - . | T 17.02.03.00-2 | - | 30.11.2017. |
| Certification drawing light fitting PLFS LED 50 - . | T 17.02.03.00-3 | - | 30.11.2017. |
| Description of certification drawing T17.02.03.00 pendant light fitting, type PLFS LED 50 - . | - | - | 30.11.2017. |
| Instructions for use of Ex-protected pendant light fitting type PLFS LED 50 - . | TEPEX.RS.061 | 1 | 30.11.2017. |