



(1) **Supplementary Type Examination Certificate No. 1**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) Type Examination Examination Certificate number:

FTZÚ 21 ATEX 0106X

(4) Product: **Flameproof luminaire ERIS LED type 591 15 01n*, 591 15 02n*, 591 15 03n***

(5) Manufacturer: **Elektrosvit Svatobořice, a.s.**

(6) Address: **Nádražní 1290/44, 696 04 Svatobořice-Mistřín, Czech Republic**

(7) This supplementary certificate extends Type Examination Certificate No. FTZÚ 21 ATEX 0106X to apply to products 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 attached to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute 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 to the Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018, EN 60079-15:2010, EN 60079-31:2014

(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) The marking of the product shall include the following:

 **II 3G Ex nR IIC T6...T5 Gc**

 **II 3D Ex tc IIIC T80°C...T95°C Dc**

(12) This certificate is valid till: **31.05.2030**

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 30.05.2025

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14)

Supplementary Type Examination Certificate No. 1
to FTZÚ 21 ATEX 0106X

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus.
- Change of Ex marking of product.
- Change of Specific Conditions of Use.
- Change of type marking of product.
- Change of technical parameters.
- Extension of certificate validity.

The subject of this supplementary certificate is extension of certificate validity, evaluation of product modification according to the actual valid standards. There were added two new alternative types of LED drivers which can be used in product. The mechanical design of product remains unchanged. Technical parameters of product remain unchanged. There was removed "(K)" from product type marking. The list of actualized documents is listed in clause (19) of this document. The product pass requirements of standard EN IEC 60079-15:2019.

*- specification of product type key:

591 15 0A_n – BB – CC – MDD – EE – FF – GG

A can be 1,2,3 according to power 35 W, 25 W, 15 W

BB can be 30, 40, 50 according to cable connection

CC can be 10, 11 according to count of cable glands

DD can be 20, 25 according to size of cable glands

EE can be 4K, 5K, 5K7, 6K, 6K5 according to light chromaticity

FF can be DA, 3F according to supplementary connections possibility

GG can be PB or LS according to supplementary accessories as protective cage or lampshade.

Technical parameters: - Recapitulation

Electrical parameters / Luminaire type	591 15 01n*	591 15 02n*	591 15 03n*
Nominal voltage	198 - 264 V AC / 176 - 280 V DC		
Nominal current	0.155 A	0.114 A	0.07 A
Frequency	0 / 50 / 60 Hz		
Power consumption	35 W	25 W	15 W
Degree of protection	IP 66		

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to FTZÚ 21 ATEX 0106X

(16) Report Number: 21/0106/1

(17) Specific Conditions of Use:

1. Ambient temperature range:

Temperature class T6: $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +50^{\circ}\text{C}$ for type 591 15 01n*, 591 15 02n* and 591 15 03n*.

Temperature class T5: $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +70^{\circ}\text{C}$ for type 591 15 01n*, 591 15 02n* and 591 15 03n*.

2. The luminaire is intended for fixed installation and must be labelled "Warning - potential danger of electrostatic charging".

3. The conditions of maintenance must be complied – see User manual.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate and by standard EN IEC 60079-15:2019.

(19) Drawings and Documents:

Number	Sheets	Date	Description
495.3679	11	22.04.2025	User's manual
0-591 15 01 n	1	30.05.2025	Drawing

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