



(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 0092X**

(4) Product: **Flameproof luminaire type 591 32 01n, 591 32 02n, 591 32 24n, 591 32 24n AC and  
MULTISAFE LED type 591 32 01nEM, 591 32 02nEM**

(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 0092X 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**

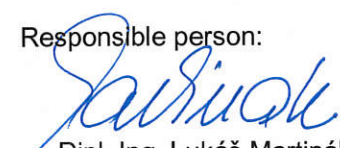
(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

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

 **II 3G Ex nR IIC T6 GC  
II 3D Ex tc IIIC T80°C Dc**

(12) This certificate is valid till: **30.11.2026**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 12.05.2022

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Physical-Technical Testing Institute  
Ostrava - Radvanice

(13) **Schedule**

(14) **Supplementary Type Examination Certificate No. 1  
to FTZÚ 21 ATEX 0092X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus;
- The product with all variants was also evaluated according to standard EN IEC 60079-15:2019.

This supplementary certificate complements the variant of luminaire 591 32 24n AC with used driver for power supply 24 V AC; 50 Hz.

The design of enclosure remains unchanged.

Electrical parameters of the variant 591 32 24n AC:

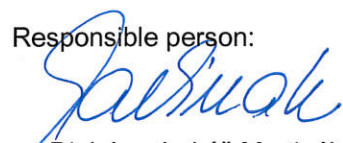
El. parameters / Type luminaire	591 32 24n AC
Rated Voltage	24 V AC
Rated Current	0.7 A
Frequency	50 Hz
Power of luminaire	12 W
LED light source	UNI5-LUMILEDS 3030 HE plus
Degree of IP protection	IP 65
Ambient temperature	$-20^{\circ}\text{C} \leq T_a \leq +45^{\circ}\text{C}$

(16) Report Number: 21/0092/1

(17) Specific Conditions of Use:

1. Ambient temperature range:  $-40^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$  for type 591 32 01n and 591 32 02n;  
 $-25^{\circ}\text{C} \leq T_a \leq +45^{\circ}\text{C}$  for type 591 32 24n;  
 $-20^{\circ}\text{C} \leq T_a \leq +45^{\circ}\text{C}$  for type 591 32 24n AC;  
 $+5^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$  for type 591 32 01nEM and 591 32 02nEM.
2. Luminaires shall be used only with safe guard.
3. The luminaire is intended for fixed installation and must be labelled "Warning - potential danger of electrostatic charging".
4. The conditions of maintenance must be complied – see User manual.

Responsible person:

  
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Head of Certification Body



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(13)

Schedule

(14)

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(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
TP-N-RN-591 32 24n AC	3	18.03.2022	Technical description; User manual
R-591 32 24n AC	5	18.03.2022	Material list
0-591 32 24n	1	18.03.2022	Assembly drawing

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