



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

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

(3) EU - Type Examination Certificate number:

**FTZÚ 21 ATEX 0093X**

(4) Product: **Flameproof luminaire ORION LED type 591 39 04(K), 591 39 05(K)**

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

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

(7) This supplementary certificate extends EU - Type Examination Certificate No. FTZÚ 21 ATEX 0093X 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, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, 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 to the Directive.

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

**EN IEC 60079-0:2018; EN 60079-1:2014; EN 60079-7:2015+A1:2018;  
EN 60079-31:2013; EN 60079-28:2015**

(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:

	<b>II 2G</b>	<b>Ex db eb op is IIC T5 Gb</b>	} type 591 39 04(K)
	<b>II 2D</b>	<b>Ex tb op is IIIC T90°C Db</b>	
	<b>II 2G</b>	<b>Ex db eb op is IIC T6 Gb</b>	} type 591 39 05(K)
	<b>II 2D</b>	<b>Ex tb op is IIIC T80°C Db</b>	

(12) This certificate is valid till: **30.06.2030**

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 24.06.2025

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Physical-Technical Testing Institute  
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(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 1  
to FTZÚ 21 ATEX 0093X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus.
- Change of Ex marking.
- 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. The mechanical design and electrical parameters of certified product remain unchanged. The complete list of drawings and documents is listed in clause (19).

Technical parameters: Recapitulation

Type luminaire:	<b>591 39 04(K)</b>	<b>591 39 05(K)</b>
Power input:	50 W	30 W
Voltage:	198 – 264 V AC / 176 – 280 V DC	
Degree of protection:	IP66	
Ambient temperature :	-40°C to +50°C	-40°C to +50°C

(16) Report Number: 21/0093/1

(17) Specific Conditions of Use:

1. Verified values of the maximum gaps and minimum constructional length of flameproof joints of this enclosure are different from relevant minimum and maximum values mentioned in standard. To obtain information about joints dimension it is necessary to contact the manufacturer.
2. Ambient temperature:  $-40^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$
3. The equipment must be installed to avoid a risk from propagating brush discharges for application in explosive dust atmosphere.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this supplementary certificate.

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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(19) Drawings and Documents:

Number	Sheets	Date	Description
495.3676	11	22.04.2025	User's manual
0-591 39 04	1	13.09.2021	Drawings Orion LED
R-591 39 04,05	6	14.09.2021	Material list
001.2582	1	11.06.2020	Drawings
3-99.6350	1	15.09.2021	Drawings
197.2552	1	14.09.2021	Drawings

Responsible person:

  
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Head of Certification Body



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