



**Supplement No. 5 to
Type Examination Certificate**

**Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 94/9/EC)**

(3) Type Examination Certificate Number:

FTZÚ 03 ATEX 0174X

(4) Equipment: **Luminaire type 511 32 01n and 591 32 01n**

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

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

(7) This supplement of certificate is valid for:

- new model (variant) – extension of series
- change of manufacturer residence
- verification according to new standard
- prolongation of certificate validity

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, a list of which is mentioned in the schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains other requirements, which manufacturer shall fulfil before products are placed on the market or introduce in service.

(10) Safety requirements of modified parts were fulfilled by satisfying the following standards:

EN 60079-0:2012; EN 60079-15:2010; EN 60079-31:2009

(11) Marking of equipment shall contain symbols:



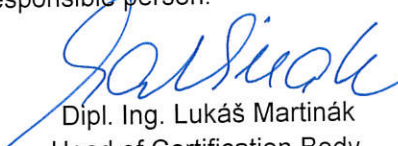
II 3G Ex nR IIC T4- T6 Gc



II 3D Ex tc IIIC T_{max,surface} (see Annex No. 1) Dc

(12) This type examination certificate is valid till: **31.01.2021**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 29.01.2016

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Annex: 1 (2 pages)

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Physical Technical Testing Institute
Ostrava – Radvanice

(13)

Schedule

(14)

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(15) Description of Equipment:

- 1) A type 511 32 01n luminaire was modified for use of another light source LED DPS and subsequently to change type mark on type 591 32 01n.
- 2) The types 511 32 01n and 591 32 01n luminaires are recertified according to standards EN 60079-0:2012, EN 60079-15:2010 and EN 60079-31:2009.
- 3) Manufacturer was changed address from ELEKTROSVIT Svatobořice, a.s., Nádražní 277 to: ELEKTROSVIT Svatobořice, a.s., **Nádražní 1290/44**, 696 04 Svatobořice-Mistřín.

Basic technical data: see Annex No. 1.

(16) Report No.: 03/0174-5

28.01.2016

(17) Special conditions for safe use:

- 17.1 The luminaires must be used only with safe guard.

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (10) of this supplement.

(19) List of Documentation:

- | | | | |
|---|---------------------------|------------------------|--------|
| ➤ | Technical description No. | 475.3003 (3 pages) | |
| ➤ | Technical description No. | 495.3679 (3 pages) | |
| ➤ | Drawings No. | 475.3823 | rev.c) |
| | | 1-591 32 01n,nt | rev.b) |
| | | 1-511 32 01n,F,nt | rev.e) |
| | | R-511 32 01n (8 pages) | rev.j) |
| | | R-591 32 01n/nt | |
- dated 28.01.2016
dated 25.01.2016
dated 25.01.2016
dated 19.01.2016
dated 22.01.2016

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FTZÚ, s.p., Pikartská 1337/7, 716 07 Ostrava-Radvanice, Czech Republic,
tel +420 595 223 111, fax +420 596 232 672, ftzu@ftzu.cz, www.ftzu.cz



Physical Technical Testing Institute
Ostrava – Radvanice

ANNEX No. 1
to Supplement No. 5 to
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Basic technical data:

Nominal voltage: 230V/50Hz

Degree of protection: IP 65

Type: 511 32 01 n

Lamps:	Bulb 200W	Mixed-light lamp HWL 160W	HP mercury lamp HQL 80 W 125 W		Compact fluor. lamp DULUX EL 23 W	Halogen bulb Philips EcoClassic 140 W
Temperature class	T4	T4	T5	T5	T6	T4
Tmax. surface	+128 °C	+118 °C	+83 °C	+89 °C	+58 °C	+108 °C
Type balast box	--	--	604.6ntB	604.6ntA	--	--
Amb. temperature	-20 °C to +40 °C					

Type: 511 32 01 nt

Lamps:	Mixed-light lamp HWL 160W	HP mercury lamp HQL 80 W 125 W		Compact fluor. lamp DULUX EL 23 W	Halogen bulb Philips EcoClassic 140 W
Temperature class	T4	T5	T5	T4	T6
Tmax. surface	+128 °C	+93 °C	+99 °C	+118 °C	+68 °C
Type balast box	--	604.6ntB	604.6ntA	--	--
Amb. temperature	-20 °C to +50 °C				

Type: 511 32 01 nSt

Lamps:	Bulb 100 W max. 24 V DC to 230 V DC	Compact fluor. lamp EL FACILITY 18 W / E27 230 V AC
Temperature class	T4	T6
Tmax. surface	+108 °C	+68 °C
Amb. temperature	-20 °C to +50 °C	

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Type: 511 32 01 nF

Nominal voltage: 230 V/50 Hz

Lamps:	Bulb 200 W max.	Halogen bulb Philips EcoClassic 140W
Temperature class	T4	T4
Tmax. surface	+128 °C	+108 °C
Amb. temperature	-50 °C to +40 °C	

Type: 591 32 01n

Nominal voltage: 220-240V AC, 190-245V DC

Lamps:	LED DPS 35W
Power supply:	35 W
Temperature class	T6
Tmax. surface	+64 °C
Amb. temperature	-40 °C to +40 °C

Type: 591 32 01nt

Nominal voltage: 220-240V AC, 190-245V DC

Lamps:	LED DPS 25W
Power supply:	25 W
Temperature class	T6
Tmax. surface	+68 °C
Amb. temperature	-40 °C to +50 °C

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