



Type Examination Certificate

(1)

(2)

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

(3) Type Examination Certificate number:

FTZÚ 17 ATEX 0027X

(4) Product: **Luminaire type SALUKA-N-LED; MULTISALUKA-N-LED and SALUKA-N-Em-LED**

(5) Manufacturer: **VYRTYCH a.s**

(6) Address: **Židněves 116, 294 06 Březno, Czech Republic**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

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

The examination and test results are recorded in confidential Report number:

17/0027 dated 09.05.2017

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

EN 60079-0:2012, 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) This type examination certificate relates only to the design of the specified product and not to specific items of equipment subsequently manufactured.

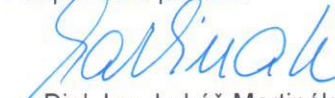
(12) The marking of the product shall include the following:

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

 **II 3D Ex tc IIIC T65°C Dc**

This certificate is valid till: **30.04.2022**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 10.05.2017

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Physical-Technical Testing Institute
Ostrava - Radvanice

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Schedule

(14)

Type Examination Certificate No. FTZÚ 17 ATEX 0027X

(15) Description of Product:

The type SALUKA-N-LED, SALUKA-N-Em-LED (non-maintained emergency lighting) and MULTISALUKA-N-LED (maintained emergency lighting) luminaire with degree of protection IP 66 is composed of three parts: body with exchangeable sealing from varnished or stainless steel plate and glass light-transmitting cover from safety toughened glass and varnished steel plate (reflector) with electrical package.

The body and optical cover are connected by steel clips with locking screws. The body is equipped by Ex-cable glands (resp. Ex-blanking elements).

On the reflector are installed three-pole terminal block WAGO for connection of power cable with wires to 2,5mm², LED drivers or emergency units and battery pack type VBA-N.

As the light sources are used LED modules which are fixed on the reflector.

Electrical parameters:

Nominal Voltage: 220-240V AC; 0/50/60Hz or 110-240V AC; 50/60Hz;
220-240V DC

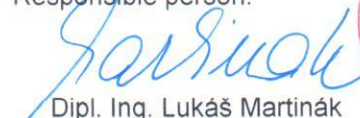
TYPE CODING OF LUMINAIRE:

Type coding	Type
SALUKA – N- LED – X*YYY*- 4K	A type luminaire - standard lighting
MULTISALUKA – N- LED – X*-YYY*- 4K	A type luminaire - maintained emergency lighting
SALUKA – N- Em - LED – X*-YYY*- 4K	A type luminaire - non-maintained emergency lighting

- X* - marking of luminous flux (lm)
- YYY* - marking of type body of luminaire
- 4K - colour temperature (K)

(16) Report Number.: 17/0027

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 10.05.2017

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

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Type Examination Certificate No. FTZÚ 17 ATEX 0027X

(17) Specific Conditions of Use:

1. Ambient temperature range: $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$ – SALUKA-N-LED-5000-236-4K
 $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +45^{\circ}\text{C}$ – SALUKA -N-LED-2500/7500-218/258-4K
 $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +45^{\circ}\text{C}$ – SALUKA -N-LED-5000/10000-218/236-4K
 $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +40^{\circ}\text{C}$ – SALUKA -N-LED-12550-258-4K
 $0^{\circ}\text{C} \leq T_{\text{amb}} \leq +45^{\circ}\text{C}$ – MULTISALUKA-N-LED-5000-236-4K
 $0^{\circ}\text{C} \leq T_{\text{amb}} \leq +40^{\circ}\text{C}$ – MULTISALUKA-N-LED-2500/7500-218/258-4K
 $0^{\circ}\text{C} \leq T_{\text{amb}} \leq +50^{\circ}\text{C}$ – SALUKA-N-Em-LED-500-218/236/258-4K.
2. The luminaire is intended for fixed installation and must be labelled "Warning - potential danger of electrostatic charging" - see Technical conditions.
3. The power supply cable shall be effectively fixed to prevent pulling or twisting.
4. The Technical conditions of maintenance must be complied

(18) Essential Health and Safety Requirements:

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

(19) Drawings and Documents:

Number	Sheets	Issue	Date	Description
--	7	00	04.05.2017	Technical description
--	2	00	03.05.2017	Technical conditions for mounting
Assembly	1	--	04.01.2017	Drawing
Labels	2	02	03.05.2017	Drawing

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 10.05.2017

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(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 17 ATEX 0027X

(4) Product: **Luminaire type SALUKA-N-LED; MULTISALUKA-N-LED a SALUKA-N-LED-Em**

(5) Manufacturer: **VYRTYCH a.s**

(6) Address: **Židněves 116, 294 06 Březno, Czech Republic**

(7) This supplementary certificate extends Type Examination Certificate No. FTZÚ 17 ATEX 0027X 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 IEC 60079-15:2019, 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: **31.03.2027**

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 23.03.2022

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Physical-Technical Testing Institute
Ostrava - Radvanice

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Supplementary Type Examination Certificate No. 1
to FTZÚ 17 ATEX 0027X

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus;
- Verification according to the standards EN IEC 60079-0:2018 and EN IEC 60079-15:2019;
- Extension of certificate validity.

The modification of product includes:

- Completion of opal glass as optical cover;
- Change of sealing material - original silicone seal was supplied by EPDM seal;
- Connection of LED modules to series and series-parallel – NON-SELV performance was added;
- Extension of the power range of luminaires;
- Change of the Ambient temperature for variants of luminaire – see clause (17).

Design of luminaire and electrical parameters are unchanged.

The luminaire and its variants are verified according to the newest standards EN IEC 60079-0:2018 and EN IEC 60079-15:2017.

TYPE CODING OF LUMINAIRE:

Type coding	Type
SALUKA – N- LED – X*YYY*- 4K	A type luminaire – standard lighting
MULTISALUKA – N- LED – X*-YYY*- 4K	A type luminaire - maintained emergency lighting
SALUKA - N- LED - Em- X*-YYY*-4K	A type luminaire - non-maintained emergency lighting

X* - marking of luminous flux (lm)

YYY*- marking of type body of luminaire

4K - color temperature (K)

(16) Report Number: 17/0027/1

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 23.03.2022

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14)

Supplementary Type Examination Certificate No. 1
to FTZÚ 17 ATEX 0027X

(17) Specific Conditions of Use:

1. Ambient temperature:

-20°C ≤ Ta ≤ +60°C	for type SALUKA-N-LED-2500/5000-218/236-4K
-20°C ≤ Ta ≤ +55°C	for type SALUKA-N-LED-5000/7500-218/258-4K
-20°C ≤ Ta ≤ +50°C	for type SALUKA-N-LED-10000/16700-236/258-4K
-20°C ≤ Ta ≤ +45°C	for type SALUKA-N-LED-12550/20000-258-4K
0°C ≤ Ta ≤ +50°C	for type SALUKA-N-LED-Em-500-218/236/258-4K
0°C ≤ Ta ≤ +45°C	for type MULTISALUKA-N-LED-5000-236-4K
0°C ≤ Ta ≤ +40°C	for type MULTISALUKA-N-LED-2500/7500-218/258-4K
0°C ≤ Ta ≤ +40°C	for type MULTISALUKA-N-LED-12550-258-4K
0°C ≤ Ta ≤ +35°C	for type MULTISALUKA-N-LED-10000-236-4K.

- The luminaire is intended for fixed installation and must be labelled "Warning - potential danger of electrostatic charging" - see Technical conditions.
- The power supply cable shall be effectively fixed to prevent pulling or twisting.
- The Technical conditions of maintenance must be complied.


(15) 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.

(16) Drawings and Documents:

Number	Issue	Sheets	Date	Description
--	01	7	07.02.2022	Technical description
--	01	3	17.01.2022	Technical conditions of the lighting fixture installation
--	-	1	09.02.2022	Assembly drawing
--	04	3	17.01.2022	Label drawing

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



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