



Physical-Technical Testing Institute
Ostrava - Radvanice



EU - Type Examination Certificate

(1)

(2)

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

(3) EU - Type Examination Certificate number:

FTZÚ 15 ATEX 0221X

(4) Product: **Intrinsically safe flashlight type DUALIE 3AA and DUALIE 3AA LASER**

(5) Manufacturer: **Streamlight Inc.**

(6) Address: **30 Eagleville Road, Eagleville, PA 19403, USA**

(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, 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 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.

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

15.0221 dated 25.08.2016

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

EN 60079-0:2012+A11:2013, EN 60079-11:2012, 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) This certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

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

Ex II 1G Ex ia op is IIC T3/T4 Ga

This certificate is valid till: **25.08.2021**

Responsible person:

V. Z. J. J.

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 25.08.2016

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13) **Schedule**

(14) **EU - Type Examination Certificate No. FTZÚ 15 ATEX 0221X**

(15) Description of Product:

The product is a portable, battery operated, hand-held flashlight. The product is an intrinsically safe apparatus. The product comprises a lantern body (red or yellow or black static dissipative plastic), a facecap (black plastic) and two switches (black rubber). Inside of the equipment there are three 1.5V primary alkaline cells size AA and three printed circuit boards with two white LEDs (type DUALIE 3AA) or two printed circuit boards with one LED and one Laser LED (type DUALIE 3AA LASER).

Ambient temperature: -20°C to +40°C

Temperature class T4: Energizer L91 Lithium
Rayovac 815
Duracell MN1500

T3: Panasonic LR6XP
Panasonic LR6XWA
Energizer E91

(16) Report Number.: 15.0221

(17) Specific Conditions of Use:

1. The product shall only be opened in a non-hazardous area.
2. The cells type Energizer L91 Lithium or Rayovac 815 or Duracell MN1500 or Panasonic LR6XP or Panasonic LR6XWA or Energizer E91 shall only be used in the product.

(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:	Mech. rev., date:	El. rev., date:	Number:	Mech. rev., date:	El. rev., date:
687500	J 20.07.2016		687544	A 20.05.2016	A 20.05.2016
687513	D 23.03.2015		687600	H 20.07.2016	
687514	C 27.05.2015		687601	G 14.07.2016	
687531	F 29.03.2016		687615	A 23.05.2016	B 01.06.2016
687533	F 14.07.2016		687612	A 23.05.2016	B 01.06.2016
687501	M 10.08.2016		687613	A 20.05.2016	B 01.06.2016
687502	E 09.04.2015		687614	A 23.05.2016	B 01.06.2016
687508	D 10.06.2015		687607	D 24.11.2014	
687511	D 10.06.2015		687527	C 16.04.2015	
687545	A 20.05.2016	A 20.05.2016	687528	B 18.09.2014	
687542	A 20.05.2016	A 20.05.2016	687526	C 14.11.2014	
687543	A 20.05.2016	A 20.05.2015	687592	A 25.08.2016	
687519	C 15.08.2016	B 13.02.2015	998136	A 25.08.2016	

Responsible person:

V. Z. Jol

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 25.08.2016

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Physical-Technical Testing Institute
Ostrava - Radvanice



(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 15 ATEX 0221X

(4) Product: **Intrinsically safe flashlight type DUALIE 3AA and DUALIE 3AA LASER**

(5) Manufacturer: **Streamlight, Inc.**

(6) Address: **30 Eagleville Road, Eagleville, PA 19403, USA**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 15 ATEX 0221X 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) In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.

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

EN 60079-0:2012+A11:2013, EN 60079-11:2012, EN 60079-28:2015

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

Ex II 1G Ex ia op is IIC T3/T4 Ga

(12) This certificate is valid till: **25.08.2021**

Responsible person:

V. Z. J.

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 15.02.2017

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**Physical-Technical Testing Institute
Ostrava - Radvanice**

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 1
to FTZÚ 15 ATEX 0221X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus.
- Minor corrections in Instructions.

The product type DUALIE 3AA and DUALIE 3AA LASER were added with new possibility – new clip with magnets. The clip is made from a different material than the body and contains two magnets. There were updated the specific condition of use.

Technical data remain unchanged.

(16) Report Number.: 15/0221/1

(17) Specific Conditions of Use: updated

1. The product shall only be opened in a non-hazardous area.
2. The cells type Energizer L91 Lithium or Rayovac 815 or Duracell MN1500 or Panasonic LR6XP or Panasonic LR6XWA or Energizer E91 shall only be used in the product.
3. For product variant with clip with magnets: The product enclosure includes accessible metal parts. The measured capacitance on the magnets is 12 pF. The end user shall determine suitability in the specific application.

(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.

(19) Drawings and Documents:

Number:	Revision:	Date:
687547-1	E	20.09.2016
998136	C	13.02.2017

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 15.02.2017

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