



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:

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

This certificate is valid till: **25.08.2021**

Responsible person:

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	T3:	Panasonic LR6XP
	Rayovac 815		Panasonic LR6XWA
	Duracell MN1500		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. Jof

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 25.08.2016

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(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:

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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(1) **Supplementary EU - Type Examination Certificate No.2**

(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:

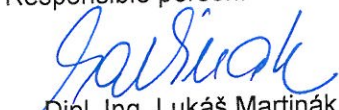
EN 60079-0:2012+A11:2013, EN 60079-11:2012, EN 60079-28:2015

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

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

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

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 19.05.2017

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13) **Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 2
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 approval documentation.

The type DUALIE 3AA and DUALIE 3AA LASER has been modified. There is used the new generation of LED. The manufacturer has updated part number of the LED and product name in approval documentation.

(16) Report Number.: 15/0221/2

(17) Specific Conditions of Use:

None additional to those listed previously.

(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:
687519	C	21.03.2017
687542	B	21.03.2017
687543	B	21.03.2017
687545	B	21.03.2017
687612	C	22.03.2017
687613	C	22.03.2017
687615	C	22.03.2017

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 19.05.2017

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(1) **Supplementary EU - Type Examination Certificate No.3**

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

EN IEC 60079-0:2018, EN 60079-11:2012, EN 60079-28:2015

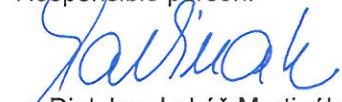
(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

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

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

(12) This certificate is valid till: **30.11.2025**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 27.11.2020

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 3
to FTZÚ 15 ATEX 0221X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus;
- Evaluation according to the newest standards;
- Prolongation of certificate validity.

The flashlight type DUALIE 3AA and DUALIE 3AA LASER has been modified. There is a minor change in material and LEDs.

The flashlight has been evaluated according to the newest standard EN IEC 60079-0:2018.

Approval documentation has been updated and is mentioned in clause (19).

Technical data remain unchanged.

(16) Report Number: 15/0221/3

(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 attached external conductive parts. The measured capacitance on the magnets is 12 pF. The end user shall determine suitability in the specific application.

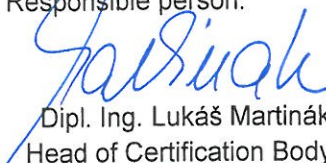
(18) Essential Health and Safety Requirements:

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

(19) Drawings and Documents:

Number:	Mech. rev., date:	El. rev., date:	Number:	Mech. rev., date:	El. rev., date:
687514	F 19.06.2018	-	687519	-	D 25.06.2020
687501	N 22.03.2018	-	687615	-	D 20.07.2020
687508	F 21.08.2018	-	687612	-	D 20.07.2020
687511	F 21.08.2018	-	687613	-	D 20.07.2020
687545	-	C 25.06.2020	687592	B 08.09.2016	-
687542	-	C 25.06.2020	998136	D 24.11.2020	-
687543	-	C 25.06.2020			

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 27.11.2020

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Physical-Technical Testing Institute
Ostrava - Radvanice



(1) **Supplementary EU - Type Examination Certificate No.4**

(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 and
DUALIE 3AA COLOR-RITE**

(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 IEC 60079-0:2018, EN 60079-11:2012, EN 60079-28:2015

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

(12) This certificate is valid till: **30.06.2027**

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 30.06.2022

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

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 4
to FTZÚ 15 ATEX 0221X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified product;
- Extension of certificate validity.

Modifications of the product are in addition of the new type named DUALIE 3AA COLOR-RITE which has two front facing LEDs and in addition of an alternative material of the enclosure.

The product changes have been evaluated according to the standards mentioned in clause (10). The validity of the certificate has been extended for the next five years. The documentation has been updated and is listed in clause (19).

Technical parameters: (recapitulation)

Ambient temperature: $-20\text{ °C} \leq T_a \leq +40\text{ °C}$

Degree of protection: IP66

Temperature class T4:	Energizer L91 Lithium	T3: Panasonic LR6XP
	Rayovac 815	Panasonic LR6XWA
	Duracell MN1500	Energizer E91

(16) Report Number: 15/0221/4

(17) Specific Conditions of Use: recapitulation

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 attached external conductive 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.

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 30.06.2022

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 4
to FTZÚ 15 ATEX 0221X**

(19) Drawings and Documents:

Number:	Mech. rev.:	Date:	El. rev.:	Date:	Description:
687500	J	20.07.2016	-	-	Assy Dualie 3AA
687513	D	23.03.2015	-	-	Lens
687514	F	19.06.2018	-	-	Lens seal
687531	F	29.03.2016	-	-	Facecap
687533	F	14.07.2016	-	-	Body assembly
*687501	T	29.06.2022	-	-	Body
687502	E	09.04.2015	-	-	Lens body
687508	F	21.08.2018	-	-	Front boot
687511	F	21.08.2018	-	-	Side boot
687545	A	20.05.2016	C	25.06.2020	ATEX switch LED assembly
687542	A	20.05.2016	C	25.06.2020	ATEX electronic Assy
687543	A	20.05.2016	C	25.06.2020	ATEX main LED PCB Assy
687519	B	18.08.2014	D	25.06.2020	Side LED PCB Assy
687544	A	20.05.2016	A	20.05.2016	ATEX switch PCB Assy
687600	H	20.07.2016	-	-	Assy Dualie 3AA Laser
687601	G	14.07.2016	-	-	Lase body Assembly
687615	A	23.05.2016	D	20.07.2020	ATEX switch, LED, Laser assy
687612	A	23.05.2016	D	20.07.2020	ATEX laser electronic assy
687613	A	20.05.2016	D	20.07.2020	ATEX LED/Laser PCB assy
687614	A	23.05.2016	B	01.06.2016	ATEX Laser switch PCB assy
687607	D	24.11.2014	-	-	Laser
687527	C	16.04.2015	-	-	Contact, long
687528	B	18.09.2014	-	-	Contact, short
687526	C	14.11.2014	-	-	Spring negative
687592	B	08.09.2016	-	-	Approval markings ATEX
687547-1	E	20.09.2016	-	-	Clip, magnet
*998136	E	30.06.2022	-	-	ATEX addendum instructions
*689000	E	23.06.2022	-	-	Dualie 3AA Color-Rite
*689001	D	23.06.2022	-	-	Body assembly
*689003	D	23.06.2022	-	-	Switch/LED Assy Dualie color-rite
*689004	D	23.06.2022	-	-	Multi-PCB Assembly
*689006	A	30.06.2021	A	06.04.2021	Switch PCB assembly
*689008	A	30.06.2021	A	30.06.2021	Spot PCB assembly
*689011	A	30.06.2021	A	30.06.2021	Side PCB assembly
*689013-1	C	27.06.2022	A	23.06.2022	Flood PCB assembly

Note: An * is included before the Number of documents that are new or revised.

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 30.06.2022

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