



## EC-Type Examination Certificate

(1)

(2)

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

(3) EC-Type Examination Certificate Number:

**FTZÚ 11 ATEX 0183X**

(4) Equipment or protective system: **Flashlight Propolymer 3C Haz-Lo**

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

(6) Address: **30 Eagleville Road, Eagleville PA 19403 U.S.A.**

(7) This equipment or protective system and any of 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 Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°:

**11/0183 dated 24.09.2012**

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

**EN 60079-0:2009, EN 60079-11:2012, EN 60079-26:2007**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-Type Examination Certificate relates only to the design, examination and testing of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include the following:



**II 1G Ex ia IIC T4 Ga**

**II 1D Ex ia IIIC T99°C Da**

This EC-Type Examination Certificate is valid till: **24.09.2017**

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: **24.09.2012**

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Physical Technical Testing Institute  
Ostrava – Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 11 ATEX 0183X**

(15) Description of Equipment or Protective System:

The equipment is a portable, battery operated handlamp. The product is an intrinsically safe apparatus. The product comprises a lamp body in three colours (yellow, orange and black), facecap, a switch sealed by boot. Inside of the product there are three 1.5V primary alkaline cells size C, one printed circuit board with electronic and reflector. As a light source is used a high power white LED in two types. There are no input or output terminals.

Ambient temperature range:  $-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ .

(16) Report No.: 11/0183

(17) Special conditions for safe use:

- 17.1 The equipment shall only be opened in a non-hazardous area.
- 17.2 The alkaline cells size C type Duracell MN1400, Energizer E93 and Ryovac No.814 shall only be used in the equipment.
- 17.3 The equipment shall only be used in an area with low risk of mechanical damage.

(18) Essential Health and Safety Requirements:

Essential health and safety requirement of Directive 94/9/EC are covered by the standard mentioned in (9), according which the product was verified and in the manufacturer's instruction for use.

(19) List of Documentation:

Drawing No.	Rev.	Sheets	Date
B 338000	B	1	21.09.2012
D 338001	A	2	25.04.2012
A 338004	A	1	04.05.2012
B 338005	A	1	25.05.2012
A 338006	A	1	04.05.2012
C 338007	A	2	27.03.2012
B 338008	A	1	20.09.2012
C 338009	A	1	25.05.2012
B 338010B	B	1	20.09.2012
A 338011	A	1	25.05.2012
D 338012	A	1	09.03.2012
D 338015	A	1	13.05.2012
D 338017	A	1	16.02.2012

Drawing No.	Rev.	Sheets	Date
B 338018	B	1	30.07.2012
C 338901	A	1	20.09.2012
B 670015	B	1	04.05.2012
B 330031	B	1	05.11.2004
B 330215	B	1	05.04.2006
A 990954	A	1	12.07.2011
Instructions	B	1	09.2012
338010	D	8	21.08.2012
A 990956	A	1	01.03.2012
A 338019	A	1	20.01.2012
B 338021	A	1	09.03.2012
A 338020	A	1	09.02.2012
338011	C	--	--

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 24.09.2012

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Physical Technical Testing Institute  
Ostrava – Radvanice



## Supplement No. 1 to EC-Type Examination Certificate

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

(3) EC-Type Examination Certificate Number:

**FTZÚ 11 ATEX 0183X**

(4) Equipment or protective system: **Flashlight Propolymer 3C Haz-Lo**

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

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

(7) This supplement of certificate is valid for: - change of construction  
- documentation update

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in 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 another requirements, which manufacturer shall fulfil before products are place on market or introduce in service.

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

**EN 60079-0:2009, EN 60079-11:2012, EN 60079-26:2007**

(11) Marking of equipment shall contain symbols:



**II 1G Ex ia IIC T4 Ga  
II 1D Ex ia IIIC T99°C Da**

(12) This type examination certificate is valid till: **24.09.2017**

Responsible person:

*Lukáš Martinák*  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: **18.12.2012**

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Physical Technical Testing Institute  
Ostrava – Radvanice

(13)

**Schedule**

(14)

**Supplement No. 1 to  
EC-Type Examination Certificate N° FTZÚ 11 ATEX 0183X**

(15) Description of Equipment or Protective System:

In the device Flashlight Propolymer 3C Haz-Lo new alternative types of Q1 transistor have been added, as well as some other minor construction changes have occurred.

New transistors are the same performance class and use the same package. There is no influence on aspects related to intrinsic safety.

Due to construction changes, the documentation has been updated and is listed in point (19) of this supplement.

(16) Report No.: 11/0183-1

(17) Special conditions for safe use: remain unchanged

(18) Essential Health and Safety Requirements:

Essential health and safety requirement of Directive 94/9/EC are covered by the standards mentioned in clause (10) of this supplement according which the equipment was verified.

(19) List of Documentation:

Drawings No.:	Rev.:	Sheets:	Date:
Changes and new construction description: 3C PROPOLYMER HAZ LO, LED driver PCB assembly P/N 338010	E	8	19.11.2012
B 338000	C	1	27.08.2012
B 338008	B	1	07.11.2012
A 338020	B	1	20.08.2012
B 338028	A	1	09.08.2012
B 670015	C	1	02.08.2012

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 18.12.2012

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**Supplement No. 2 to  
EC-Type Examination Certificate**

(1)

(2)

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

(3) EC-Type Examination Certificate Number:

**FTZÚ 11 ATEX 0183X**

(4) Equipment or protective system: **Flashlight Propolymer 3C Haz-Lo**

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

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

(7) This supplement of certificate is valid for: - change of construction  
- documentation update

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in 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 another requirements, which manufacturer shall fulfil before products are place on market or introduce in service.

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

**EN 60079-0:2009, EN 60079-11:2012, EN 60079-26:2007**

(11) Marking of equipment shall contain symbols:



**II 1G Ex ia IIC T4 Ga  
II 1D Ex ia IIIC T99°C Da**

(12) This type examination certificate is valid till: **24.09.2017**

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 28.02.2014

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**Physical Technical Testing Institute  
Ostrava – Radvanice**

(13)

**Schedule**

(14)

**Supplement No. 2 to  
EC-Type Examination Certificate N° FTZÚ 11 ATEX 0183X**

(15) Description of Equipment or Protective System:

In the device Flashlight Propolymer 3C Haz-Lo marking label have been updated, as well as some other minor construction changes have occurred.

Due to constructional changes, the documentation has been updated and is listed in point (19) of this supplement.

These changes have no influence to safety of the equipment.

(16) Report No.: 11/0183/2

(17) Special conditions for safe use: remain unchanged

(18) Essential Health and Safety Requirements:

Essential health and safety requirement of Directive 94/9/EC are covered by the standards mentioned in clause (10) of this supplement according which the equipment was verified.

(19) List of Documentation:

Drawing No.:	Rev.:	Sheets:	Date:
B 330215	C	1	04.12.2013
B 338000	D	1	10.01.2013
C 338009	B	1	19.03.2013
B 338015	B	1	09.04.2013
B 670015	C	1	02.08.2012
B 338008	C	1	19.03.2013
D 338012	B	1	23.04.2013
C 338901	C	1	23.01.2014
B 338006	B	1	13.03.2013
A 338020	B	1	20.08.2012
D 338001	C	2	16.04.2013
B 338005	B	1	10.01.2012

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 28.02.2014

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**Supplement No. 3 to  
EC-Type Examination Certificate**

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

(3) EC-Type Examination Certificate Number:

**FTZÚ 11 ATEX 0183X**

(4) Equipment or protective system: **Flashlight Propolymer 3C Haz-Lo**

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

(6) Address: 30 Eagleville Road, Eagleville, Pennsylvania 19403, USA

(7) This supplement of certificate is valid for:

- evaluation according to new standard
- documentation update
- prolongation of validity


(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in 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 market or introduced in service.

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

EN 60079-0:2012, EN 60079-11:2012

(11) Marking of equipment shall contain symbols:

	II 1G	Ex ia IIC T4 Ga
	II 1D	Ex ia IIIC T99°C Da

(12) This type examination certificate is valid till: **14.12.2020**

Responsible person:

V.Z. *[Signature]*  
Dipl. Ing. Lukáš

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 14.12.2015

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Physical Technical Testing Institute  
Ostrava – Radvanice

(13)

**Schedule**

(14)

**Supplement No. 3 to  
EC-Type Examination Certificate N° FTZÚ 11 ATEX 0183X**

(15) Description of Equipment or Protective System:

The equipment has been evaluated according to the new standard EN 60079-0:2012. No constructional changes have been occurred. The special conditions for safe use and Instructions have been updated. The validity of the certificate has been prolonged for next five years.

(16) Report No.: 11/0183/3

(17) Special conditions for safe use: updated

- 17.1 The equipment shall only be opened in a non-hazardous area.
- 17.2 The alkaline cells size C type Duracell MN1400, Energizer E93 and Ryovac No.814 shall only be used in the equipment.
- 17.3 The equipment shall only be used in an area with low risk of mechanical damage.
- 17.4 The equipment shall not be subjected to prolific charge generating mechanism.

(18) Essential Health and Safety Requirements:

Essential health and safety requirement of Directive 94/9/EC are covered by the standards mentioned in clause (10) of this supplement according which the equipment was verified.

(19) List of Documentation: only updated

Drawing No.:	Rev.:	Sheets:	Date:
B 998125	C	1	11.12.2015

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 14.12.2015

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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 11 ATEX 0183X**

(4) Product: **Flashlight Propolymer 3C Haz-Lo**

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

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

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 11 ATEX 0183X 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**

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



**II 1G Ex ia IIC T4 Ga**

**II 1D Ex ia IIIC T99°C Da**

(12) This certificate is valid till: **14.12.2020**

Responsible person:

*V. Z. Jaf*

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 01.08.2016

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Physical-Technical Testing Institute  
Ostrava - Radvanice

(13) **Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 4  
to FTZÚ 11 ATEX 0183X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the newest standard: EN 60079-0:2012/A11:2013,
- Minor corrections in approval Drawings.

Technical data remain unchanged.

(16) Report Number.: 11/0183/4

(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:	Pages:	Title:
B998125	E	27.06.2016	1	Instructions
C338901	F	16.5.2014	1	Markings drawing

Responsible person:

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 01.08.2016

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