



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx FTZU 16.0022X

Issue No: 1

Certificate history:

Status: **Current**

[Issue No. 1 \(2017-10-19\)](#)

[Issue No. 0 \(2016-12-19\)](#)

Date of Issue: **2017-10-19**

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Applicant: **Streamlight, Inc.**
30 Eagleville Road
Eagleville, PA 19403
United States of America

Equipment: **Intrinsically safe flashlight type Dualie 2AA**

Optional accessory:

Type of Protection: **ia, op is**

Marking:
Ex ia op is IIC T3/T4 Ga

*Approved for issue on behalf of the IECEx
Certification Body:*

Dipl. Ing. Lukáš Martinák

Position:

Head of Certification Body

*Signature:
(for printed version)*

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

**Fyzikálně technický zkušební ústav
(Physical -Technical Testing Institute)
Pikartská 7, 71607 Ostrava - Radvanice
Czech Republic**





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Manufacturer: **Streamlight, Inc.**
30 Eagleville Road
Eagleville, PA 19403
United States of America

Additional Manufacturing location(s):



This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

- | | |
|---|---|
| IEC 60079-0 : 2011
Edition:6.0 | Explosive atmospheres - Part 0: General requirements |
| IEC 60079-11 : 2011
Edition:6.0 | Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i" |
| IEC 60079-28 : 2015
Edition:2 | Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation |

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[CZ/FTZU/ExTR16.0022/00](#) [CZ/FTZU/ExTR16.0022/01](#)

Quality Assessment Report:

[GB/BAS/QAR17.0010/00](#) [NO/NEM/QAR14.0001/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The product is a portable, battery operated, hand-held flashlight. The product is an intrinsically safe apparatus. The product comprises a lantern body (red, yellow or black static dissipative plastic), a facecap (black plastic) and two switches (black rubber). Inside of the equipment there are two 1.5V primary alkaline cells size AA and three printed circuit boards with two white LEDs. There are no input or output IS terminals.

T4: Energizer L91 Lithium, Rayovac 815, Duracell MN1500;

T3: Panasonic LR6XP, Panasonic LR6XWA, Energizer E91;

SPECIFIC CONDITIONS OF USE: YES as shown below:

- 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.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1:

1. Modification of the enclosure material and LED.
2. Additional Manufacturing location details has been updated.
3. QAR list has been updated.
4. Approval documentation has been updated.