



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 15.0013X Issue No: 0 Certificate history:
Issue No. 0 (2015-07-17)

Status: **Current** Page 1 of 3

Date of Issue: **2015-07-17**

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

Electrical Apparatus: **Flashlight 3N Haz-Lo**
Optional accessory:

Type of Protection: **Intrinsic safety**

Marking:
Ex ia IIB T4 Ga
Ex ia IIC T4 Gb

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

Dipl. Ing. Martin Zámrský

Position:

Vice 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](http://www.iecex.com).

Certificate issued by:

**Fyzikálne technický zkusební 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 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*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/ExTR15.0013/00](#)

Quality Assessment Report:

[NO/NEM/QAR14.0001/01](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The equipment is a portable, battery operated, hand-held flashlight. The equipment is an intrinsically safe apparatus. The equipment comprises a lantern body (red or yellow plastic), a facecap (black polycarbonate) and switch. Inside of the equipment there are three 1.5V primary alkaline cells size N and one printed circuit board with three white or blue LEDs.

The enclosure of the equipment provides a Degree of Protection of at least IP54.
Ambient temperature is in the range from -20°C to +40°C.

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The equipment shall only be opened in a non-hazardous area.
2. The cells type Duracell MN9100 or Energizer E90 or Rayovac 810 size N shall only be used in the equipment.