



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

Certificate No.: IECEx FTZU 14.0011X issue No.:0 Certificate history:.....

Status: **Current**

Date of Issue: **2014-04-25** Page 1 of 3

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

Electrical Apparatus: **Flashlight 3C PROPOLYMER HAZ-LO**  
Optional accessory:

Type of Protection: **Intrinsic safety**

Marking: **Ex ia IIC T4 Ga, Ex ia IIIC T99°C Da**

Approved for issue on behalf of the IECEx Dipl. Ing. Lukáz Martinák  
Certification Body:

Position: Head of the 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://Official IECEx Website).

Certificate issued by:



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Manufacturer: **Streamlight, Inc.**  
30 Eagleville Road, Eagleville  
Pennsylvania 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 : 2007-10** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition: 5
- IEC 60079-11 : 2011** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "I"  
Edition: 6.0
- IEC 60079-26 : 2006** Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga  
Edition: 2

*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/EXTR14.0011/00

Quality Assessment Report:

NO/NEM/QAR14.0001/00



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### Schedule

#### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The product is an intrinsically safe hand-held battery operated flashlight. 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.

#### Parameters:

3 pieces of size C, 1.5V primary alkaline cells in series of types:

Duracell MN1400

Energizer E93

Ryovac 814

1 white LED as a light source (two types)

-20°C mTa m+40°C.

Degree of protection: IP64

#### CONDITIONS OF CERTIFICATION: YES as shown below:

The equipment shall only be opened in a non-hazardous area.

The alkaline cells size C type Duracell MN1400, Energizer E93 and Ryovac 814 shall only be used in the equipment.

The equipment shall only be used in an area with low risk of mechanical damage.