



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	<b>IECEX FTZU 19.0003X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 3	Issue 2 (2020-06-18)
Date of Issue:	2021-12-20		Issue 1 (2020-03-05)
Applicant:	<b>Streamlight Inc.</b> 30 Eagleville Road Eagleville, PA 19403 <b>United States of America</b>		Issue 0 (2019-12-16)
Equipment:	<b>Intrinsically safe Headlamp type Enduro Pro Haz-Lo</b>		
Optional accessory:			
Type of Protection:	<b>Intrinsic safety, Inherently safe optical radiation</b>		
Marking:	<b>Ex ia op is IIC T4 Ga</b>		

Approved for issue on behalf of the IECEx  
Certification Body:

**Dipl. Ing. Martin Gregor**

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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



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 locations: (Additional manufacturing location redacted)

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 equipment 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 60079-0:2017** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

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

**IEC 60079-28:2015** Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation  
Edition:2

This Certificate **does not** indicate compliance with 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 Reports:

**CZ/FTZU/ExTR19.0003/00**  
**CZ/FTZU/ExTR19.0003/03**

**CZ/FTZU/ExTR19.0003/01**

**CZ/FTZU/ExTR19.0003/02**

Quality Assessment Reports:

**GB/BAS/QAR17.0010/03**

**NO/NEM/QAR14.0001/05**



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The equipment is a portable, battery operated, headlamp. The equipment is an intrinsically safe apparatus. The equipment comprises a lamp body with battery cover (red static dissipative plastic) and a switch (black rubber). Inside of the equipment there are 1.5V primary alkaline cells size AAA in a battery case and three printed circuit boards with two white LEDs. There are no input or output IS terminals.

Dimension: width - 56mm, height - 51mm, depth - 35mm

Ambient temperature: -20°C to +40°C

Degree of protection: IP 66

## **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 LR03 or Duracell Duralock MN2400 or Panasonic plus Power LR03 or Panasonic LR03(XJ) or Varta Longlife 4103 or Varta Industrial 4003 or Varta High Energy 4903 size AAA shall only be used in the product.
3. The product shall be properly fixed on the user's head in hazardous area.



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

- 1) Saddle material was changed.
- 2) Documentation has been updated.