



SURVIVOR[®] LOW-PROFILE ATEX LIGHT

[Online Shopping
www.sarabkala.com](http://www.sarabkala.com)

www.SarabAtash.Com

Rated for Zone 0 with a low-profile bezel that doesn't interfere with gear and equipment. The clip securely grabs onto gear, and the reinforced D-ring allows your light to hang forward.

- Available in Rechargeable and Non-rechargeable models

- LED technology with four lighting modes:

- Rechargeable model (One 2-cell lithium 18650 rechargeable battery):

- High for a super-bright beam that pierces through smoke: 175 lumens; 405m beam distance; runs 3.5 hours (lithium ion); 41,000 candela
 - Low for bright light and longer run time: 60 lumens; 237m beam distance; runs 10 hours (lithium ion); 14,000 candela
 - Flash for signaling: runs 5 hours
 - Moonlight mode provides low-level lighting for battery conservation: runs 15 days

- Alkaline model (4 "AA" alkaline or 4 "AA" lithium batteries):

- High for a super-bright beam that pierces through smoke: 175 lumens; 405m beam distance; runs 8 hours (AA alkaline or AA lithium); 41,000 candela
 - Low for bright light and longer run time: 60 lumens; 237m beam distance; runs 20 hours (AA alkaline or AA lithium); 14,000 candela
 - Flash for signaling: runs 5 hours
 - Moonlight mode provides low-level lighting for battery conservation: runs 15 days

- Custom designed optic with optional, interchangeable Smoke Cutter® plugs for preferred beam pattern:

- Black plug significantly reduces peripheral light for a tighter beam
 - Amber plug reduces peripheral light and eye fatigue caused by glare
 - By not using either plug, you get the traditional Survivor beam

- Strong spring-loaded clip securely grabs onto belts and gear; D-ring features forward hanging orientation

- Optimized electronics provide regulated intensity

- Industrial rechargeable lithium ion battery can be recharged up to 1,500 times. Also accepts four "AA" alkaline or lithium non-rechargeable batteries

- Rubber dome push-button switch provides easy operation even when wearing heavy gloves; ultrasonic-welded push button switch designed for extremely long life

- High-impact super-tough nylon construction offers exceptional durability; O-ring sealed, unbreakable polycarbonate lens with silicone anti-scratch coating is assembled in a heavy-duty bezel

- IP66 water-resistant; 2 meter impact resistance tested

- Serialized for positive identification

- ATEX-rated for Category 1 (Zone 0) locations. IECEx-rated for Group IIC locations. For use in places with an explosive gas atmosphere (other than mines susceptible to firedamp) that is present continually or for longer periods. It has a maximum adverse surface temperature of <135°C.

- Rated for Category 2G (Zone 1) explosive gas Group IIB locations. For use in places with an explosive gas atmosphere (other than mines susceptible to firedamp) that is likely to occur in normal operation occasionally. It has a maximum adverse surface temperature of 135°C.

- 17.92 cm; 388g (with lithium rechargeable or AA alkaline); 354g (with AA lithium)

- International Safety Orange

- The PRODUCT SPECIFICATIONS below refer to the Rechargeable model.

[Online Shopping
www.sarabkala.com](http://www.sarabkala.com)

www.SarabAtash.Com

Product Specifications

High Lumens	175
Run Time on High	3.50 hours
Run Time on Low	10.00 hours
Beam Distance	405 meters
Max Candela	41,000
Battery Type	AA Alkaline, AA Lithium, Lithium Ion Cell Pack
Battery Quantity	
Length	7.06 inches (17.93 centimeters)
Weight	13.70 ounces (388.39 grams)
Colors	Orange



IECEx Certificate of Conformity

Certificate No: IECEx FTZU 15.0029X

Issue No: 0

Date of Issue: 2015-10-21

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The equipment is a hand held, battery operated flashlight. The equipment comprises a body in two colours (yellow, red), a facecap with optic, a switch sealed by boot and fixing clip. Inside there are four 1.5V primary alkaline or lithium cells size AA in a carrier or the Streamlight pack 90316 with two secondary cells, three printed circuit boards with electronics. As a light source a high power white LED is used. There are charging pins for the version with the Streamlight pack 90316.

Parameters:

Degree of protection: IP 66

Ambient temperature: -20 to +40°C

Charging voltage: $U_m = 15\text{ V}$

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The equipment shall be charged by manufacturer's chargers only and opened when the hazardous area is not present.
2. The equipment shall be worn or carried on the body while in hazardous area. The equipment shall not be stored in a hazardous area to prevent build up an electrostatic charge. The measured capacitance of accessible metal parts (charge contacts) while used with Streamlight pack 90316 is 15pF.
3. The cells size AA type Energizer L91 Lithium, Rayovac 815, Duracell MN1500 or Streamlight pack 90316 for temperature class T4 and type Panasonic LR6XP, Panasonic LR6XWA, Energizer E91 for temperature class T3 shall only be used in the equipment.



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 15.0029X Issue No: 0 Certificate history:
Issue No. 0 (2015-10-21)

Status: **Current** Page 1 of 3

Date of Issue: **2015-10-21**

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

Electrical Apparatus: **Flashlight Survivor**
Optional accessory:

Type of Protection: **Intrinsic safety**

Marking:
Ex ia IIB T3/T4 Ga
Ex ia IIC T3/T4 Gb

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

Dipl. Ing. Martin Zámorský

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:

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





IECEx Certificate of Conformity

Certificate No: IECEx FTZU 15.0029X Issue No: 0
Date of Issue: 2015-10-21 Page 2 of 3
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/ExTR15.0029/00](#)

Quality Assessment Report:

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