



EU - Type Examination Certificate

- (1) **EU - Type Examination Certificate**
(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 18 ATEX 0101X

(4) Product: **Intrinsically safe Headlamp type Enduro Pro Haz-Lo**

(5) Manufacturer: **Streamlight, Inc.**

(6) Address: **30 Eagleville Road, Eagleville, PA 19403, USA**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014.34.EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report number:

18/0101 dated 16.12.2019


(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018, EN 60079-11:2012, EN 60079-28:2015

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

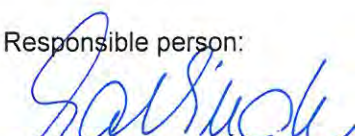
(11) This certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:

 **II 1G Ex ia op is IIC T4 Ga**

This certificate is valid till: **16.12.2024**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: **16.12.2019**

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14) **EU - Type Examination Certificate No. FTZÚ 18 ATEX 0101X**

(15) Description of Product:

The product is a portable, battery operated, headlamp. The product is an intrinsically safe apparatus. The product comprises a lamp body with battery cover (red static dissipative plastic) and a switch (black rubber). Inside of the product there are there 1.5V primary alkaline cells size AAA in a battery case and three printed circuit boards with two white LEDs.

Technical parameters:

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

Ambient temperature: -20°C to +40°C

Degree of protection: IP66

(16) Report Number.: 18/0101

(17) Specific Conditions of Use:

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.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this certificate.

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 16.12.2019

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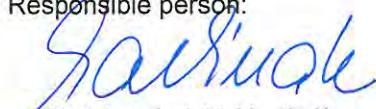
Schedule

(14) **EU - Type Examination Certificate No. FTZÚ 18 ATEX 0101X**

(19) Drawings and Documents:

Number:	Sheets:	Rev:	Date:	Description:
C 940153	1	D	15.11.2019	ENDURO PRO HAZ LO HEADLAMP
C 614013	1	G	09.12.2019	HOUSING
B 614014	1	B	02.07.2018	LENS SEAL
B 614015	1	C	30.07.2018	LENS
B 614020	1	C	30.07.2018	POSITIVE CONTACT-B
C 614028	1	C	30.07.2018	BATTERY CASE
B 614030	1	C	03.04.2018	SEAL
C 614032	1	D	25.04.2019	BATTERY COVER
B 614036	1	C	30.07.2018	PLATE
B 614037	1	C	25.04.2019	PLATE COVER
B 614038	1	D	25.10.2018	SCREW
A 614043	1	A	11.07.2019	MARKINGS, ATEX APPROVAL
C 614045	1	A	11.07.2019	ATEX ADDENDUM, INSTRUCTIONS
C 614053	1	A	18.11.2019	SADDLE
B 670015	1	E	30.09.2014	VALVE
PN 614019	9	C	12.09.2018	ASSEMBLY Led1
PN 614025	9	D	12.12.2019	ASSEMBLY Led2
PN 614026	9	A	21.05.2018	ASSEMBLY S1

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 16.12.2019

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(1) **Supplementary EU - Type Examination Certificate No.1**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 18 ATEX 0101X

(4) Product: **Intrinsically safe Headlamp type Enduro Pro Haz-Lo**

(5) Manufacturer: **Streamlight, Inc.**

(6) Address: **30 Eagleville Road, Eagleville, PA 19403, USA**

(7) This supplementary certificate extends EU - Type Examination Certificate No. FTZÚ 18 ATEX 0101X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.


(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018, EN 60079-11:2012, EN 60079-28:2015

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

(11) The marking of the product shall include the following:

 **II 1G Ex ia op is IIC T4 Ga**

(12) This certificate is valid till: **16.12.2024**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 05.03.2020

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 1
to FTZÚ 18 ATEX 0101X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus.

The product Intrinsically safe Headlamp type Enduro Pro Haz-Lo has been modified. There is a minor change in LED.

Technical data remain unchanged.

Approval documentation has been updated and is mentioned in clause (19).

(16) Report Number.: 18/0101/1

(17) Specific Conditions of Use:

None additional to those listed previously.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this supplementary certificate.

(19) Drawings and Documents:

Number:	Sheets:	Rev:	Date:	Description:
PN 614025	9	E	24.02.2020	ASSEMBLY Led2

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 05.03.2020

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(1) **Supplementary EU - Type Examination Certificate No.2**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 18 ATEX 0101X

(4) Product: **Intrinsically safe Headlamp type Enduro Pro Haz-Lo**

(5) Manufacturer: **Streamlight, Inc.**

(6) Address: **30 Eagleville Road, Eagleville, PA 19403, USA**

(7) This supplementary certificate extends EU - Type Examination Certificate No. FTZÚ 18 ATEX 0101X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.


(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018, EN 60079-11:2012, EN 60079-28:2015

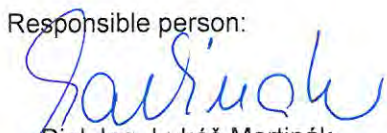
(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

(11) The marking of the product shall include the following:

 **II 1G Ex ia op is IIC T4 Ga**

(12) This certificate is valid till: **16.12.2024**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 18.06.2020

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Physical-Technical Testing Institute
Ostrava - Radvanice

Schedule

(13)

(14) **Supplementary EU - Type Examination Certificate No. 2
to FTZÚ 18 ATEX 0101X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus.

The product Intrinsically safe Headlamp type Enduro Pro Haz-Lo has been modified. There is a minor change in LED.

Technical data remain unchanged.

Approval documentation has been updated and is mentioned in clause (19).

(16) Report Number.: 18/0101/2

(17) Specific Conditions of Use:

None additional to those listed previously.

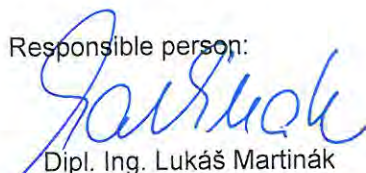
(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this supplementary certificate.

(19) Drawings and Documents:

Number:	Sheets:	Rev:	Date:	Description:
PN 614019	9	D	23.04.2020	ASSEMBLY Led1

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 18.06.2020

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(1) **Supplementary EU - Type Examination Certificate No.3**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 18 ATEX 0101X

(4) Product: **Intrinsically safe Headlamp type Enduro Pro Haz-Lo**

(5) Manufacturer: **Streamlight, Inc.**

(6) Address: **30 Eagleville Road, Eagleville, PA 19403, USA**

(7) This supplementary certificate extends EU - Type Examination Certificate No. FTZÚ 18 ATEX 0101X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018, EN 60079-11:2012, EN 60079-28:2015

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

(11) The marking of the product shall include the following:

 **II 1G Ex ia op is IIC T4 Ga**

(12) This certificate is valid till: **31.12.2026**

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 20.12.2021

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**Physical-Technical Testing Institute
Ostrava - Radvanice**

(13) **Schedule**

(14) **Supplementary EU - Type Examination Certificate No. 3
to FTZÚ 18 ATEX 0101X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Change of the saddle material.
- Updated approval documentation.
- Extension of certificate validity.

The material of black saddle has been changed which serves as a connection between the headlamp body and elastic band. The product changes have been evaluated according to the newest standards mentioned in clause (10). The validity of the certificate has been extended for the next five years. Approval documentation has been updated and it is listed in clause (19).

Technical parameters (recapitulation):

Power supply:	3x AAA 1.5V primary cells in series
Degree of protection:	IP66
Ambient temperature range:	-20°C to +40°C

(16) Report Number: 18/0101/3

(17) Specific Conditions of Use: without change (recapitulation)

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.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this supplementary certificate.

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 20.12.2021

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**Physical-Technical Testing Institute
Ostrava - Radvanice**

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 3
to FTZÚ 18 ATEX 0101X**

(19) Drawings and Documents:

Number:	Revision:	Pages:	Date:	Title:
C 940153	D	1	15.11.2019	ENDURO PRO HAZ LO HEADLAMP
C 614013	G	1	09.12.2019	HOUSING
B 614014	B	1	02.07.2018	LENS SEAL
B 614015	C	1	30.07.2018	LENS
B 614020	C	1	30.07.2018	POSITIVE CONTACT-B
C 614028	C	1	30.07.2018	BATTERY CASE
B 614030	C	1	03.04.2018	SEAL
C 614032	D	1	25.04.2019	BATTERY COVER
B 614036	C	1	30.07.2018	PLATE
B 614037	C	1	25.04.2019	PLATE COVER
B 614038	D	1	25.10.2018	SCREW
A 614043	A	1	11.07.2019	MARKINGS, ATEX APPROVAL
C 614045	B	1	02.04.2020	*ATEX ADDENDUM, INSTRUCTIONS
C 614053	B	1	13.10.2021	*SADDLE
B 670015	E	1	30.09.2014	VALVE
PN 614019	D	9	23.04.2020	ASSEMBLY Led1
PN 614025	E	9	24.02.2020	ASSEMBLY Led2
PN 614026	A	9	21.05.2018	ASSEMBLY S1

*Note: An * is included before the title of documents that are new or revised.*

Responsible person:

v z. Jgor

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 20.12.2021

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