



EC-Type Examination Certificate

- (1)
- (2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 94/9/EC**
- (3) Examination Certificate Number
SEV 07 ATEX 0120
- (4) Equipment: High intensity ProPolymer flashlight, Type 2AA XL
- (5) Manufacturer: Streamlight Inc.
- (6) Address: 30 Eagleville Road, US-Eagleville
PA 19403, United States of America
- (7) The equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) Electrosuisse SEV as notified body No. 1258 in accordance with article 9 of the Council Directive of the European Communities of 23 March 1994 (94/9/EC), certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment or protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.
The results of the examination are recorded in confidential report No. 07-IK-0133.01
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:
EN 1127-1:1997 EN 60079-0:2006 EN 60079-7:2007 EN 60079-11:2007
- (10) If the sign «X» is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This examination certificate relates only to design and construction of the specified equipment in accordance to the directive 94/9/EC. Further requirements of this directive apply to the manufacturing process and the placing on the market of the equipment.
- (12) The marking of the equipment shall include the following:

 II 2G Ex e ib IIB T5

Electrosuisse SEV
Certification Body ATEX

Fehraltorf, 2007-05-23

Jürg Rellstab
Manager Product Certification

Appendix

(13)

(14)

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(15) Description of the equipment

1. The explosion-protected high-intensity lamp "STREAMLIGHT" with XENON bulb type 2AA XL, with the type of protection increased safety "ib" and increased safety "e" for the bezel is electrical apparatus category II 2G according to ATEX 95 Directive 94/9/EC. The explosion-protected high-intensity lamp can be used in zones 1 or 2 subject to combustible gases, vapors and/or mists in gas groups IIA and IIB in the range of temperature classes T1 ... T5.
2. The explosion-protected high-intensity lamp is manufactured in the USA. The high-intensity lamp is provided with an XENON lamp module number 67007 and 2 batteries (see under ratings). The high-intensity lamp can be switched on or off by pressing the pushbutton switch. Operation takes place solely with standard alkaline batteries (ALKALINE) according to the specified ratings.
3. Further information for safe operation and use is provided in the operating instructions.

Notes

1. The operating instructions of the "STREAMLIGHT" high-intensity lamp type 2AA XL must be observed prior to use.
2. Before using the explosion-protected high-intensity lamps, the warning information on the type plate must be observed.
3. The permissible ambient temperature range of the explosion-protected high-intensity lamp is 20°C to + 40°C.
4. The explosion-protected high-intensity lamp must not be opened in potentially explosive zones subject to gases, vapors and/or mists.
5. The explosion-protected high-intensity lamp may only be switched on or off by manual actuation (not with any other objects).
6. The explosion-protected high-intensity lamp may be placed vertical on the bezel only when switched off (heat accumulation in lamp module or bezel).
7. The explosion-protected high-intensity lamp must be protected from exposure to direct sunlight.
8. Only the types of battery specified in the ratings must be used.
9. Primary battery sets of the same type of battery and manufacturer must be always be replaced complete.
10. Attention must be paid to the correct polarity when inserting the batteries. The positive pole "+" must always point towards the bezel.

11. After inserting the new batteries, the high-intensity lamp must be operated for minimum one minute outside the hazardous location (allow to burn for minute).
 12. If the explosion-protected high-intensity lamp is not used for an extended period, the batteries should be removed.
 13. The bezel and O-ring should be checked for tightness at sporadic intervals. If necessary, the O-ring in the bezel must be replaced with an original O-ring from the lamp manufacturer.
 14. Only the permissible XENON lamp module number 67007 may be fitted or replaced outside the potentially explosive zone subject to gases, vapors and/or mists.
 15. Except for the prescribed ALKALINE batteries, only original parts from the lamp manufacturer STREAMLIGHT may be used.
 16. The operating instructions must be supplied with each high-intensity lamp in a suitable form.
- (16) Test Report 07-IK-0133.01
- (17) Special conditions for safe use
none
- (18) Fundamental essential health and safety requirements
Fulfilled by the standards applied

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Certification Body ATEX

Fehraltorf, 2007-05-23



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Manager Product Certification