



Physical Technical Testing Institute
Ostrava – Radvanice



(1) **Supplement No. 7 to
EC-Type Examination Certificate**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 94/9/EC)**

(3) EC-Type Examination Certificate Number:

FTZÚ 06 ATEX 0285X

(4) Equipment or protective system: **Hand-held torch SURVIVOR LED**

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

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

(7) This supplement of certificate is valid for: - change of construction
- evaluation according to new standard edition

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 (Paragraph 6) of Directive No. 94/9/EC. The Directive contains another requirements, which manufacturer shall fulfil before products are place on market or introduce in service.

(10) Safety requirements of modified parts were fulfilled by satisfying the following standards:

EN 60079-0:2009, EN 60079-7:2006, EN 60079-11:2007, EN 60079-26:2007

(11) Marking of equipment shall contain symbols:

 **II 1G Ex ia IIB T4
II 2G Ex e ib IIB T4**

(12) This type examination certificate is valid till: **25.05.2017**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: **18.12.2012**

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(13)

Schedule

(14)

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(15) Description of Equipment or Protective System:

In the device Hand-held torch SURVIVOR LED some construction changes have occurred:

- Q1 transistor; new alternative type: AOD484 or DMN3024LK3-13,
- D1 LED diode; new alternative type: Cree XP-E2,
- minor changes not related to intrinsic safety.

Alternative components are the same performance class and use the same packages. Including to other minor construction changes it has no influence on intrinsic safety level.

(16) Report No.: 06/0285-7

(17) Special conditions for safe use: remain unchanged

(18) Essential Health and Safety Requirements:

Essential health and safety requirement of Directive 94/9/EC are covered by the standards mentioned in clause (10) of this supplement according which the equipment was verified.

(19) List of Documentation: none

Drawings No.:	Rev.:	Sheets:	Date:
Changes and new construction description; Survivor LED, Switch PCB assembly P/N 905077	F	10	13.11.2012
Changes and new construction description; Cree emitter assembly, Assembly P/N 338010	B	6	13.11.2012
C 900303	D	1	09.08.2010
A 903035	C	1	06.12.2012
C 903130	C	1	26.02.2009
B 905080	A	1	16.11.2012
C 905083	T3	1	20.07.2010
C 905504	E	1	21.03.2012
A 905580	B	1	27.11.2012

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