



EC-Type Examination Certificate

- (1) **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 equipment or protective system and any of 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 Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°

06/0285 dated 28 June 2007

- (9) Compliance with Essential Health and safety requirements has been assured by compliance with:
EN 60079-0:2006; EN 60079-7:2006 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 EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- (12) The marking of the equipment or protective system shall include following:

 **II 1G Ex ia IIB T4**

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

This EC-Type Examination Certificate is valid till: **29. 06. 2012**

Responsible person:

Date of issue: 29. 06. 2007

Dipl. Ing. Šindler Jaroslav
Head of certification body

Number of pages: 3
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Physical Technical Testing Institute
Ostrava-Radvanice

(13)

Schedule

(14) EC-Type Examination Certificate N° FTZÚ 06 ATEX 0285X

(15) Description of Equipment or Protective System:

The hand-held torch SURVIVOR LED can be used in ZONE 0 with battery pack 905030 containing alkaline battery AA Duracell MN 1500. Application for ZONE 1 is possible with battery pack 90130, that contains four battery cell 1.9 Ah type SANYO N-1900 SCR and protective circuits. The electronic part with 3 W LED diode is identical for both variants.

(16) Report No. : 06/0285 (44 pages)

(17) Special conditions for safe use:

The apparatus was tested only for low mechanical risk of damage.

(18) Essential Health and Safety Requirements.

They are included in standards, which are mentioned in clause (9) of this certificate and in manufacturer instruction.

Responsible person:

Dipl. Ing. Sindler Jaroslav

Head of certification body



Date of issue: 29.06. 2007

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(19) LIST OF DOCUMENTATION

1. Instruction manual SURVIVOR LED	06/2007
2. Drawings:	
D905001 Rev D	21.11.2006
D905002 Rev F5	28.10.2006
B905014 Rev F5	14.09.2006
C905034 Rev F3	14.02.2007
C905035 Rev T9	02.02.2007
B905038 Rev T7	27.09.2006
C905039 Rev F5	14.09.2006
D905040 Rev B	15.09.2006
A905074 Rev Q1	13.06.2007
D905504 Rev A	06.06.2007
D905580 Rev T1	12.06.2007
C903130 Rev B	27.01.2005
D903036 Rev F	14.01.2007
A903035 Rev B	26.09.2002
C900303 Rev C	15.06.2001
A900304 Rev B	23.02.2005
A903059 Rev A	13.02.2003
B670015 Rev A	18.11.1999
B330215 Rev B	04.05.2006
A905028 Rev F3	01.08.2006
A905046 Rev T1	19.06.2006
A905580 Rev T1	12.06.2007
Bare PCB 905010 Rev D	13.09.2006
Solder view bare board 905010 Rev D	13.09.2006
Component view bare board 905010 Rev D	13.09.2006
Battery contact PCB bare PCB 905037 Rev C	09.13.2006
Solder view bare board 905037 Rev C	13.09.2006
Component view bare board 905037 Rev C	13.09.2006
Survivor battery pack (top board) component view 903023 B	23.08.2006
Survivor battery pack (top board) solder side view 903023 B	23.08.2006
Survivor battery pack (Bottom PCB) Component side view 903031A	10.08.2000
Survivor battery pack (Bottom PCB) Solder side view 903031A	10.08.2000
3. Partial list:	
Battery contact PCB Assembly 905038 Rev C	13.09.2006
Bill of material Assembly 905038 Rev C	13.09.2006
Switch PCB Assembly 905014 Rev C	13.09.2006
Bill of material Assembly 905014 Rev C (7 pages)	13.09.2006

Responsible person:

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