



(1) **Supplement No. 4 to
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 08 ATEX 0139X

(4) Equipment: **Fire Vulcan LED**

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

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

(7) This supplement of certificate is valid for: - new variant named Vulcan LED


(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) The Physical Technical Testing Institute, 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 Category 3 equipment, which is intended for use in potentially explosive atmospheres given in Annex II to the Council Directive 94/9/EC.

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

EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010, EN 60079-31:2014

(11) Marking of equipment shall contain symbols:

 **II 3GD Ex ic nA IIC T5 Gc
Ex tc IIIC T54°C Dc**

(12) This type examination certificate is valid till: **17.12.2020**

Responsible person:

V.Š. Jaf

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 17.12.2015

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Physical Technical Testing Institute
Ostrava – Radvanice

(13)

Schedule

(14)

Supplement No. 4 to
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(15) Description of Equipment:

The equipment named Fire Vulcan LED is superseded by the new variant named Vulcan LED. The evaluation of the current equipment named Fire Vulcan LED is discontinued. The new variant named Vulcan LED differs from the current equipment by construction changes:

- a) The enclosure materials have been changed.
- b) The two back lenses have been removed.
- c) The another minor design changes.
- d) The label with the new marking was updated.

The updated documentation is in the drawings mentioned in clause (19).

(16) Report No.: 08/0139/4

(17) Special conditions for safe use: revised

- 17.1 The equipment shall be used in areas with low risk of mechanical damage.
- 17.2 The equipment shall be charged by manufacturer's chargers only and opened when the hazardous area is not present.
- 17.3 An ambient temperature range is -20°C to +35°C.

(18) Essential Health and Safety Requirements:

They are covered by the standards mentioned in clause (10) of this supplement according which the new model Vulcan LED was verified.

(19) List of Documentation:

Number:	Revision:	Date:	Pages:	Title:
447500	A	15.12.2015	1	Assembly
447006	A	13.11.2015	1	Label
446074	A	22.01.2015	1	Facecap
441001	G	30.11.2015	1	Lantern Body
447002	A	15.12.2015	1	LED Module Assembly
447003	A	15.12.2015	1	Switch Assembly
997525-3	A	13.11.2015	1	Addendum, Instructions
447005	A	11.12.2015	1	Encapsulant Dam
447003	A	11.12.2015	12	Switch Assembly

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