



(1) EU-Type Examination Certificate

(2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 2014/34/EU**

(3) Certificate number: **SEV 11 ATEX 0174 X**

(4) Product: Hand light
Type: UK2AAA eLED PEN I-ETB

(5) Manufacturer: Underwater Kinetics

(6) Address: 13400 Danielson Street, Poway, CA 92064, USA

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

(8) Eurofins, notified body No. 1258, in accordance with article 17 of Directive 2014/34/EU of the European parliament and of the council, dated 26 February 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 no 11-IK-0006.01 + .01 E1, 18-Ex-0119.01

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN 60079-0:12 + A11:13

EN 60079-11:12

EN 60079-28:15

Except in respect of those requirements listed at item 18 of the schedule.

(10) If the sign «X» is placed after the certificate number, it indicates that the product is subjected to special conditions for safe use specified in the schedule to this certificate.

(11) This EU type examination certificate relates only to design and construction of the specified product. Further requirements of this 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 2G Ex ib op is IIB T4 Gb

II 2D Ex ib op is IIIC T60°C Db

Eurofins Electrosuisse Product Testing AG
Notified Body ATEX

Martin Plüss
Product Certification



(13)

Appendix

(14)

EU-Type Examination Certificate no. SEV 11 ATEX 0174 X

(15) **Description of product**

The handlight type UK2AAA eLED PEN I-ETB is a universal lamp suitable for use in potentially explosive atmospheres zones 1 and 21. The light source in the lamp head consists of an LED unit. The LED itself is operated by a LED driver unit. The lamp in the model UK2AAA eLED PEN I-ETB is switched on and off by a push-button on the back. The used batteries are primary cells.

Rating:

Batteries (Alkaline - MnO ₂)	Voltage (U)	Ambient temperature range	Temperature classification
2 x DURACELL, LR03/AAA/MN2400	3.0 V (2 x 1.5 V)	-20 °C to +40 °C	T4
2 x DURACELL PLUS; LR03/AAA/MN2400	3.0 V (2 x 1.5 V)	-20 °C to +40 °C	T4
2 x Energizer+; LR03/AAA/E92/AM4	3.0 V (2 x 1.5 V)	-20 °C to +40 °C	T4
2 x VARTA LONGLIFE EXTRA; LR03/AAA/AM4/MN2400	3.0 V (2 x 1.5 V)	-20 °C to +40 °C	T4
2 x AAA VARTA – 4903	3.0 V (2 x 1.5 V)	-20 °C to +40 °C	T4
2 x AAA RAYOVAC	3.0 V (2 x 1.5 V)	-20 °C to +40 °C	T4

Classification of installation and use: hand-held
Ingress protection: IP67
Rated ambient temperature range (°C): -20 °C ...+40 °C

(16) **Report number**

11-IK-0006.01 + .01 E1, 18-Ex-0119.01

(17) **Specific conditions of use**

1. The strength of the housing of the handlight corresponds only to the low risk of mechanical danger. Hence the handlight must be adequately protected by appropriate measures in addition to mechanical impact, for example, Storage when not in use in sheltered places.
2. Do not open in hazardous locations.
3. Only the batteries listed in the operating instructions may be used.
4. Only batteries of the same electrochemical system, cell type, nominal capacity and manufacturer may be used together.

(18) **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
None	

(19) **Drawings and Documents**

See test report "Manufacturer's Documents"