



(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 13 ATEX 0182 X**

(4) Product: Hand light  
Type: UK2AA eLED-ES (ATEX) and UK2AA eLED-ET (ATEX)

(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 13-Ex-0023.01 + .01 E1, 18-Ex-0120.01

(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 1G Ex ia op is IIC T4 Ga**

**II 2D Ex ia 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 13 ATEX 0182 X**

(15) **Description of product**

The hand light type UK 2AA ELED-ES resp. UK 2AA ELED-ET is a universal lamp suitable for use in potentially explosive atmospheres zones 0 and 21. The light source in the lamp head consists of an LED unit. Depending on the particular model, the lamp is switched on and off with a pushbutton on the side. The used batteries are primary cells only.

**Rating:**

| Batteries (Alkaline - MnO <sub>2</sub> ) | Voltage (U)       | Ambient temperature range | Temperature classification |
|--|-------------------|---------------------------|----------------------------|
| 2 x DURACELL OEM (duralock); LR6 / AA    | 3.0 V (2 x 1.5 V) | -20 °C to +40 °C          | T4                         |
| 2 x DURACELL PLUS POWER; LR6 / AA        | 3.0 V (2 x 1.5 V) | -20 °C to +40 °C          | T4                         |
| 2 x DURACELL INDUSTRIAL; LR6 / AA        | 3.0 V (2 x 1.5 V) | -20 °C to +40 °C          | T4                         |
| 2 x VARTA; LR6 / AA / 4106               | 3.0 V (2 x 1.5 V) | -20 °C to +40 °C          | T4                         |
| 2 x VARTA; LR6 / AA / 4906               | 3.0 V (2 x 1.5 V) | -20 °C to +40 °C          | T4                         |
| 2 x Energizer Industrial LR6 / AA        | 3.0 V (2 x 1.5 V) | -20 °C to +30 °C          | T4                         |
| 2 x AA RAYOVAC                           | 3.0 V (2 x 1.5 V) | -20 °C to +40 °C          | T4                         |

Classification of installation and use:

Hand-held

Ingress protection:

IP65

Rated ambient temperature range (°C):

-20 °C ...+40 °C respective -20 °C ...+30 °C

(16) **Report number**

13-Ex-0023.01 + .01 E1, 18-Ex-0120.01

(17) **Specific conditions of use**

- Between the Batteries the Insulator must be installed.
- Do not open in hazardous locations.
- Only the batteries listed in the operating instructions may be used.
- Only batteries of the same electrochemical system, cell type, nominal capacity and manufacturer may be used together.
- For temperature rating refer to the operating instructions.

(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:

|               |                |
|---------------|----------------|
| <b>Clause</b> | <b>Subject</b> |
| None          |                |

(19) **Drawings and Documents**

See test report "Manufacturer's Documents"