

# 4AA XENON

INCREDIBLY BRIGHT AND COMPACT!



Twist Bezel

Front Switch

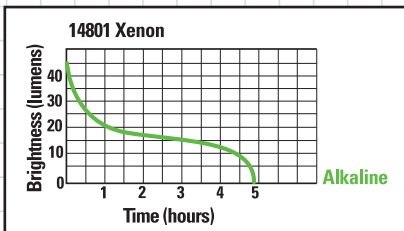
Tail Switch

## COLORS

- Safety yellow
- Black

## SPECIFICATIONS

- Size:** 155 x 41 x 36 mm
- Weight:** 156 g
- Batteries:** 4AA Alkaline
- Brightness:** 38 lumens
- Distance Seen:** 95 m
- Burn Time:** 4-5 hours
- Depth Tested:** 3 m
- Certification:** II 2G Ex e ib IIC T4  
II 2D Ex ibD 21 T98 °C



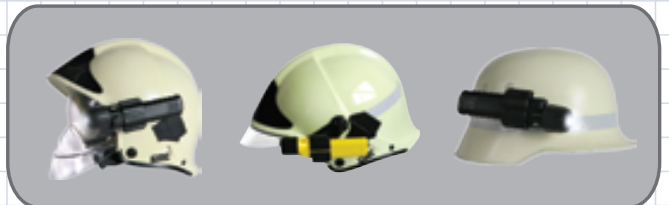
## PART NUMBERS

- Front Switch**
- 14180 4AA ES Xenon (ATEX) Front Switch, Safety Yellow
  - 14181 4AA ES Xenon (ATEX) Front Switch, Black
- Tail Switch**
- 14321 4AA-ET Xenon (ATEX) Tail Switch, Safety Yellow
  - 14316 4AA-ET Xenon (ATEX) Tail Switch, Black
- Twist Bezel**
- 14184 4AA EN Xenon (ATEX) Twist Bezel, Safety Yellow
  - 14185 4AA EN Xenon (ATEX) Twist Bezel, Black

## FEATURES



- Available in tail switch, front switch and twist bezel configurations
- Waterproof design for all weather use
- High impact ABS, LEXAN® and polyurethane rubber construction for durability
- Attaches to any hard hat or helmet using UK helmet clips



- UK 10-Year Warranty
- Made in USA



# UK4AA XENON LIGHT

Model Number: UK4AA-AN2

## Instructions & Important Information

Thank you for purchasing this UK all environment work and outdoor light! It is tough enough for use in rain, snow, smoke, dust or hazardous

locations (see listing). The high intensity xenon lamp outperforms lights many times its size

### Battery Installation

To install batteries, hold the case in the position shown. Drop the batteries one by one into the case in the order shown. Make sure that the (+) end of the battery is down for 1 and 2 and up for batteries 3 and 4. Next insert the lamp module into the case. Place the bezel over the lamp module and screw it onto the case.

### ON/OFF

To operate the UK4AA turn the bezel clockwise until the lamp comes ON. Turn the light OFF by turning the bezel at least 1 1/2 turns counter-clockwise.

### O-Ring Seal

Lightly lubricate the O-ring with silicone grease. Do not use tools to remove the O-ring.

### Pressure Equalizing Vent

Air and gas from battery leakage can pass freely in and out of the UK4AA through a vent in the rear of the light. Do not allow dirt or grease to accumulate on the vent or it will not operate properly.

### Care and Maintenance

■ Keep area around the O-ring clean.

■ For longer lamp life, turn the light on for several minutes after loading fresh batteries to "age" the batteries.

■ If the light floods, empty it immediately, rinse with fresh water and dry completely before reassembly.

■ Replace the reflector/lamp, which contains a hydrogen absorbing catalyst, if it gets wet.

■ Do not store batteries in the light for long periods of time; they may leak and damage the light.

### Limited Lifetime Warranty

Underwater Kinetics products are engineered for maximum performance and durability. All products carry a Limited Lifetime Warranty to the original retail purchaser to be free from defective material and workmanship under normal and intended use. In addition, the Underwater Kinetics Limited Warranty covers materials used in its products to the original purchaser, from the date of purchase, as follows: plastics for 10 years; rubber for 3 years, LED and electronics for 1 year, rechargeable batteries for 90 days and lamps for 30 days.

In the event the original retail purchaser detects a defect in the material or workmanship, the product along with proof of purchase date should be returned to an authorized Underwater Kinetics dealer or directly to Underwater Kinetics with the postage prepaid. Underwater Kinetics agrees to repair or replace at Underwater Kinetics' sole discretion any product found to be defective in material or workmanship within the time period specified above. For the complete Limited Lifetime Warranty write to Underwater Kinetics or go to the web site [www.underwaterkinetics.com](http://www.underwaterkinetics.com).

Address all correspondence and returns to:  
Underwater Kinetics  
13400 Danielson Street  
Poway, CA 92064



Bezel



14801  
Xenon Lamp Module



4 Alkaline AA-cell batteries



O-Ring

Note: The UK4AA will not light if the batteries are not inserted with the polarity as shown.

**WARNING**  
**Explosion Hazard**  
Substitution of Components  
May Impair Suitability For  
Class I, Division 2.

**WARNING**  
**Explosion Hazard**  
Do Not disconnect  
Equipment Unless Power  
Has Been Seitched Off Or  
The Area Is Known To Be  
Non-Hazardous

### Certifications

This equipment is suitable for use in Class I, Division 2 Groups A, B, C, D; Class II, Division 2, Group G; Class III Division 2, or Non-Hazardous Locations Only. Use only with 14801 Lamp and 4 Duracell MN1500/PC1500, Energizer E91/EN91 or Rayovac AL-AA/815 1.5 V size AA Alkaline batteries.



CL I, DIV 2, GP A, B, C, D,  
CL II, DIV 2 GP G,  
CL III, DIV 2 T2A



CL I, DIV 2 GP A, B, C, D,  
T2 CLII, DIV 2, GP F, G,  
CLIII, DIV 2, T3C

### CAUTION

Batteries can vent hydrogen gas and possibly cause an explosion if they are (1) installed without the proper polarity, (2) not the same type, brand name and age or (3) completely discharged.

- > Load batteries according to the diagram.
- > Discard all batteries as soon as they are drained or no longer produce light.
- > Do not mix batteries of different type, brand or age.

UK4AA-AN2 Case



Congratulations on the purchase of your Underwater Kinetics all environment work torch...

CERTIFICATION INFORMATION UK4AAA-EN Zone 1 SEV 08 ATEX 0164 II 2G Ex e ib IIC T4...

- 1. Read the instructions before use. 2. Do not open torch in zone 1 or zone 2 hazardous locations.

WARRANTY Underwater Kinetics warrants that this product is free from defects in materials and manufacturing for a period of 10 years...

Accessories Holders are available for attaching the 4AA torch to fire brigade and safety helmets.

Technical Data UK4AA-EN brightness: 38 lumens turn time: 4-5 hours

CAUTION Batteries can vent hydrogen gas and possibly cause an explosion if they are installed without the proper polarity...

INSTRUCTIONS IMPORTANTES Pour installer les piles, tenir le boîtier dans la position indiquée.

ATTENTION Les piles peuvent émettre du gaz d'hydrogène et provoquer une explosion...

BETRIEBSANWEISUNGEN UND WICHTIGE INFORMATIONEN Bitte die Batterie einsetzen, halten Sie das Gehäuse in der gegebenen Position...

ACHTUNG Batterien können Wasserstoffgas freisetzen und möglicherweise eine Explosion (1) verursachen...

ISTRUZIONI OPERATIVE E INFORMAZIONI IMPORTANTI Per installare le batterie, mantenere lo scartamento nella posizione illustrata.

ATTENZIONE La batteria possono liberare gas di idrogeno e provocare eventualmente un'esplosione (1) se non installate con la corretta polarità.

INSTRUÇÕES DE OPERAÇÃO E INFORMAÇÕES IMPORTANTES Para instalar as baterias, mantenha a caixa na posição apresentada.

ATENÇÃO Algumas baterias podem libertar hidrogénio em forma gasosa e possivelmente causar uma explosão...

PRECAUCIÓN Las baterías pueden emitir gas de hidrógeno y posiblemente provocar una explosión (1) si se instalan sin la polaridad adecuada...

HANDLEIDING EN BELANGRIJKE INFORMATIE Batterijen kunnen waterstofgas afgeven en mogelijk een explosie veroorzaken...

LET OP De ATEX veiligheidsaandrijving kan alleen worden gehandhaafd wanneer model 14801 reflector/lamp assemblies worden gebruikt...

Drukknijplendend Ventiel Het ventiel is in de onderzijde van de UK4AA laat lucht en gas van batterijlekkage door...

Zorg en Onderhoud Houd de omgeving rond de O-ring schoon. Para que el foco de luz funcione correctamente, mantenga limpia la zona de la carcasa...

Cuidado y mantenimiento Mantenga limpia el área alrededor de la junta tórica. Para que el foco de luz funcione correctamente, mantenga limpia la zona de la carcasa...

Garantie De ATEX veiligheidsaandrijving kan alleen worden gehandhaafd wanneer model 14801 reflector/lamp assemblies worden gebruikt...

Drukknijplendend Ventiel Het ventiel is in de onderzijde van de UK4AA laat lucht en gas van batterijlekkage door...

UK4AA-EN Bezel, 14801 Lamp/reflector, 4 x Alkaline AA/LR6/Mignon batteries, O-ring, Case, Vent

UK4AA-EN Bague, Ampoule/Reflecteur 14801, 4 piles alcalines AA/LR6/Mignon, Joint torique, Boîtier, Événement

UK4AA-EN Einfassung, 14801 Lampe/Reflektor, 4 x Alkaline AA/LR6/Mignon Batterien, Leuchtmittelwechsel, Scompartmento

UK4AA-EN Ghiera, Lampada/riettore 14801, 4 batterie alcaline AA/LR6/Mignon, Cura e manutenzione, Sfiato

UK4AA-EN Aro, Lámpara/refleto 14801, 4 baterías alcalinas AA/LR6/Mignon, Limpieza y mantenimiento, Respirador

UK4AA-EN Bisel, Foco/reflector 14801, 4 baterías alcalinas AA/LR6/Mignon, Precaución, Ventila

UK4AA-EN Bezel, 14801 Lamp/reflector, 4 x Alkaline AA/LR6/Mignon batteries, O-ring, Case, Vent

UK4AA-EN Bague, Ampoule/Reflecteur 14801, 4 piles alcalines AA/LR6/Mignon, Joint torique, Boîtier, Événement

UK4AA-EN Einfassung, 14801 Lampe/Reflektor, 4 x Alkaline AA/LR6/Mignon Batterien, Leuchtmittelwechsel, Scompartmento

UK4AA-EN Ghiera, Lampada/riettore 14801, 4 batterie alcaline AA/LR6/Mignon, Cura e manutenzione, Sfiato

UK4AA-EN Aro, Lámpara/refleto 14801, 4 baterías alcalinas AA/LR6/Mignon, Limpieza y mantenimiento, Respirador

UK4AA-EN Bisel, Foco/reflector 14801, 4 baterías alcalinas AA/LR6/Mignon, Precaución, Ventila

UK4AA-EN Bezel, 14801 Lamp/reflector, 4 x Alkaline AA/LR6/Mignon batteries, O-ring, Case, Vent

UK4AA-EN Bague, Ampoule/Reflecteur 14801, 4 piles alcalines AA/LR6/Mignon, Joint torique, Boîtier, Événement

UK4AA-EN Einfassung, 14801 Lampe/Reflektor, 4 x Alkaline AA/LR6/Mignon Batterien, Leuchtmittelwechsel, Scompartmento

UK4AA-EN Ghiera, Lampada/riettore 14801, 4 batterie alcaline AA/LR6/Mignon, Cura e manutenzione, Sfiato



# 14801 XENON

INCREDIBLY BRIGHT AND COMPACT!

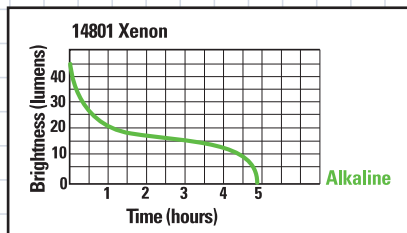


## COLORS

- Safety yellow
- Black

## SPECIFICATIONS

- Size:** 6.1 x 1.6 x 1.4 in  
**Weight:** 5.5 oz  
**Batteries:** 4AA Alkaline  
**Brightness:** 38 lumens  
**Distance Seen:** 311 ft  
**Burn Time:** 4-5 hours  
**Depth Tested:** 10 ft  
**Certification:** UL, CSA Class 1 Div 2



## FEATURES



- Available in rear switch, front switch and twist bezel configurations
- Waterproof design for all weather use
- High impact ABS, LEXAN®, polyurethane rubber, and stainless steel construction for durability
- Limited Lifetime Warranty
- Made in USA





(1) **EC-Type Examination Certificate**

(2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 94/9/EC**

(3) Examination certificate number: **SEV 08 ATEX 0164**

(4) Equipment: Handlight Type UK4AA – E\*\*\* resp. UK 4AA ELED CPO - \*\*\*

(5) Manufacturer: Underwater Kinetics

(6) Address: 13400 Danielson Street, US-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) Electrosuisse SEV, notified body No. 1258 in accordance with article 9 of the Council Directive of the European Communities of 23 March 1994 (94/9/EC), certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment or protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The results of the examination are recorded in confidential report no 08-IK-0392.01 incl. extension 1 to 4.

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

**EN 1127-1:2007**

**EN 60079-0:2006**

**EN 60079-7:2007**

**EN 60079-11:2007**

**EN 61241-0:2006**

**EN 61241-11:2006**

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

(11) This examination certificate relates only to design and construction of the specified equipment in accordance with the directive 94/9/EC. Further requirements of this directive apply to the manufacturing process and the placing on the market of the equipment.

(12) The marking of the equipment shall include the following:

 **see appendix page 4: (19) Marking**

**Electrosuisse**  
Certification Body ATEX

Fehraltorf, 2011-05-04

Martin Plüss  
Product Certification

Replaces certificate dated 2010-11-09  
Extension 4; modification

page 1 of 4



(13)

## Appendix

(14)

### EC-Type Examination Certificate SEV 08 ATEX 0164

(15) Description of the equipment

The handlight Type UK4AA – E\*\*\* resp. UK 4AA ELED CPO - \*\*\* is a universal lamp suitable for use in potentially explosive atmospheres zones 1 and 21. The light source in the lamp head consists of either an LED unit or an incandescent light bulb unit. Depending on the particular model, the lamp is switched on and off with a pushbutton on the side or back or by screwing and unscrewing the lamp head. The used batteries are primary cells. Depending on the particular model, the lamp housing has a special clip for attaching to Gallet firemen's helmets.

The Handlight Type UK4AA – E\*\*\* may be alternatively provided with a right angle adapter.

#### Ratings

For type UK4AA – E***		
Batteries (Alkaline)	Voltage (U)	ELED element
4 x DURACELL PROCEL; LR6 / AA / MN1500	6.0V (4x1.5V)	14849
4 x DURACELL PLUS; LR6 / AA / MN1500	6.0V (4x1.5V)	14849
4 x Energizer Industial; LR6 / AA / EN91 / AM3	6.0V (4x1.5V)	14849

or

Batteries (Alkaline)	Voltage (U)	Light bulb element
4 x DURACELL; LR6 / AA / MN1500	6.0V (4x1.5V)	14801
4 x DURACELL PLUS; LR6 / AA / MN1500	6.0V (4x1.5V)	14801
4 x Energizer Industial; LR6 / AA / EN91 / AM3	6.0V (4x1.5V)	14801

or

For type UK 4AA ELED CPO - ***		
Batteries (Alkaline)	Voltage (U)	ELED module
4 x DURACELL PROCEL; LR6 / AA / MN1500	6.0V (4x1.5V)	14875-A
4 x DURACELL PLUS; LR6 / AA / MN1500	6.0V (4x1.5V)	14875-A
4 x Energizer Industial; LR6 / AA / EN91 / AM3	6.0V (4x1.5V)	14875-A



## Appendix to EC-Type Examination Certificate SEV 08 ATEX 0164


### Notes

1. According to Directive 94/9/EC (ATEX 95), Appendix I, the handlight Type UK4AA – E\*\*\* resp. UK 4AA ELED CPO - \*\*\* is a device of equipment group II, category 2G, which according to Directive 99/92/EC (ATEX 137) can be used in zones 1 and 2 and gas groups IIA, IIB and IIC, which are potentially explosive due to the presence of flammable materials in the temperature classes T1 to T4.
2. According to Directive 94/9/EC (ATEX 95), Appendix I, the handlight Type UK4AA – E\*\*\* resp. UK 4AA ELED CPO - \*\*\* is also a device of equipment group II, category 2D, which according to Directive 99/92/EC (ATEX 137) can be used in zones 21 and 22 subject to combustible dusts.
3. The permissible ambient temperature range is –20°C to +40°C.
4. The Handlight Type UK4AA – E\*\*\* resp. UK 4AA ELED CPO - \*\*\* must not be opened in potentially explosive atmospheres or in the presence of combustible dusts.
5. Only the batteries and the lamp elements specified in the ratings must be used.
6. Only to be used are batteries of the same electrochemical system, same cell construction and nominal capacity and same manufacturer.
7. For the Handlight Type UK4AA – E\*\*\* provided with a right angle adapter the information (instructions) issue no. 400845, 400846, 400844, 400843 and 400848 needs to be used as basic information as well.





**Appendix to EC-Type Examination Certificate SEV 08 ATEX 0164**

- (16) Test Report 08-IK-0392.01 incl. extension 1 to 4
- (17) Special conditions for safe use  
none
- (18) Fundamental essential health and safety requirements  
Fulfilled by the standards applied
- (19) Marking  
 II 2G Ex e ib IIC T4  
II 2D Ex ibD 21 T98°C



**Electrosuisse**  
Certification Body ATEX

Fehraltorf, 2011-05-04

Martin Plüss  
Product Certification



Replaces certificate dated 2010-11-09  
Extension 4; modification

page 4 of 4

# CE Declaration of Conformity

In accordance with ISO/IEC Guide 22

UK Document Number: 700289

Supplier: Underwater Kinetics

Address: 13400 Danielson Street  
Poway, California 92064  
U.S.A.

European Representative: UKE Underwater Kinetics Europe GmbH

Address: Beethovenstrasse 279  
D-42655 Solingen  
Deutschland

Product(s): UK4AA - ELED ZOOM (ATEX)  
UK4AA - ELED ZOOM T (ATEX)  
UK4AA - EN (ATEX)  
UK4AA - EN (GALLET) (ATEX)  
UK4AA - ES (ATEX)  
UK4AA - ES (GALLET) (ATEX)  
UK4AA - ET (GALLET) XENON (ATEX)  
UK4AA - ET XENON (ATEX)  
UK4AA ELED ZOOM (GALLET) (ATEX)  
UK4AA ELED ZOOM T (GALLET) (ATEX)

The product(s) described above are in conformity with Essential Health and Safety Requirements of the Equipment or Protective Systems Intended for use in Potentially explosive atmospheres directive ATEX - 94/9/EC as ammended 23 March 1994. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2006 - General Requirements  
EN 60079-7 : 2007 - Increased safety "e"  
EN 60079-11 : 2007 - Intrinsic safety "i"  
EN 1127-1 : 2007  
EN 61241-0 : 2006  
EN 61241-11 : 2006

EC-Type Examination

Certificate Number: SEV 08 ATEX 0164

SEV Confidential report n°: 08-IK-0392.01

Issued:



ATEX Representative: E. Fred Fischer

Date: 16 September 2009

# CE-Konformitätserklärung

im Sinne von ISO/IEC Richtlinie 22

UK Dokument Nr.: 700289

Hersteller: Underwater Kinetics

Adresse: 13400 Danielson Street  
Poway, California 92064  
U.S.A.

Europäische Vertretung: UKE Underwater Kinetics Europe GmbH

Adresse: Beethovenstrasse 279  
D-42655 Solingen  
Deutschland

Produkte: UK4AA - ELED ZOOM (ATEX)  
UK4AA - ELED ZOOM T (ATEX)  
UK4AA - EN (ATEX)  
UK4AA - EN (GALLET) (ATEX)  
UK4AA - ES (ATEX)  
UK4AA - ES (GALLET) (ATEX)  
UK4AA - ET (GALLET) XENON (ATEX)  
UK4AA - ET XENON (ATEX)  
UK4AA ELED ZOOM (GALLET) (ATEX)  
UK4AA ELED ZOOM T (GALLET) (ATEX)

Die oben genannten Produkte entsprechen aufgrund ihrer Konzipierung und Bauart sowie in der von uns in Verkehr gebrachten Ausführung den grundlegenden Sicherheits- und Gesundheitsanforderungen für Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Räumen laut Richtlinie ATEX – 94/9/EG vom 23. März 1994.

Die grundlegenden Sicherheits- und Gesundheitsanforderungen werden erfüllt durch die Übereinstimmung mit:

EN 60079-0 : 2006 - Allgemeine Anforderungen  
EN 60079-7 : 2007 - Erhöhte Sicherheit "e"  
EN 60079-11 : 2007 - Eigensicherheit "i"  
EN 1127-1 : 2007  
EN 61241- 0 : 2006  
EN 61241- 11 : 2006

EG-Baumusterprüf-  
scheinigungsnummer: SNCH 08 ATEX 0164

Vertraulicher  
SEV-Prüfbericht: 08-IK-0392,01

Ausgestellt in: Poway, Kalifornien, USA

ATEX-Beauftragter: E. Fred Fischer



Datum: 16 September 2009