



IECEX

## FLASHLIGHT FOR USE IN HAZARDOUS LOCATIONS

UM01 English

ISSUED: 2015.09.10

V1.0

### Description:

DS-7 is a portable, hand-held intrinsically safe flashlight for use in hazardous locations and can be powered with four size AA alkaline or Ni-MH cells. It has high, low and flashing mode operating functions that allows users to operate for high brightness or long duration lighting.

### Features:

- Intrinsically safe for use in hazardous locations
- High / Low / Flash mode functions
- Users high power CREE LED
- Submersible in water
- Tough and durable casing
- High efficient heatsink
- Screw fastener for safety precautions
- Build-in gas release vent

### Certifications:



Class I Div 1&2 Grp ABCD / Class II Div 1&2 Grp EFG  
Class III / Temperature Code T4 IP67  
File number: E324236



Gas: II 1G Ex ia IIC T4 Ga  
Mine: I M1 Ex ia I Ma  
DEMKO 15 ATEX 1476X

IECEX

Gas: Ex ia IIC T4 Ga  
Mine: Ex ia I Ma  
IECEX UL 15.0046X

CE 0518

Address: No. 1, Alley 2, Lane 110, Sec. 4, Hsi-Men Road, North District, Tainan City, 704 Taiwan

### Standards:

1. UL 913, Eighth Edition
2. CSA C22.2 No.157-92, Reaffirmed 2012
3. EN 60079-0 : 2012 Edition + A11 : 2013
4. EN 60079-11 : 2012 Edition
5. EN 60079-26 : 2007 Edition
6. EN50303 : 2000 Edition
7. IEC 60079-0 : Sixth Edition
8. IEC 60079-11 : Sixth Edition
9. IEC 60079-26 : Second Edition

### Battery Replacement:

Use only battery types below:

#### Alkaline type

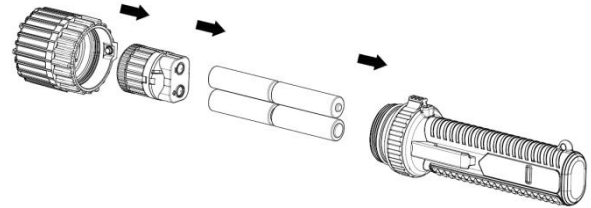
Energizer E91  
Duracell MN1500  
Rayovac 815  
Rayovac AL-AA  
Varta 4906  
Ansmann 5015548  
Ansmann 1502-0002

#### Ni-MH type

Energizer NH15-2300

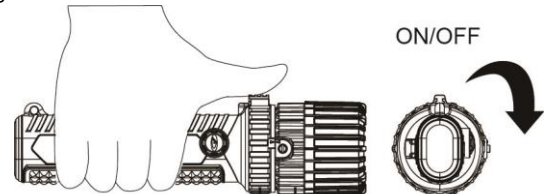
- Warning: Do not open in hazardous locations.  
Warning: Replace batteries only in non-hazardous areas.  
Warning: To reduce the risk of explosion do not mix new batteries with used batteries, or mix batteries from different manufacturers or from different types.  
Warning: Remove the batteries when unused for a period of time to prevent drainage and battery leakage in the device.  
Warning: Substitution of components may impair intrinsic safety.

### Installation:



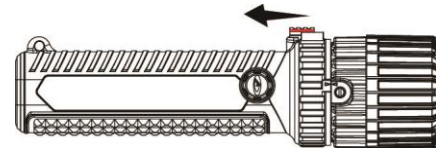
### Operation:

Rotate the switch (A) clockwise to operate. The sequence is high-low-flash mode.



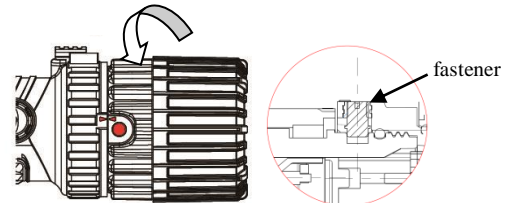
### Safety lock (A):

Up: unlock; down: lock



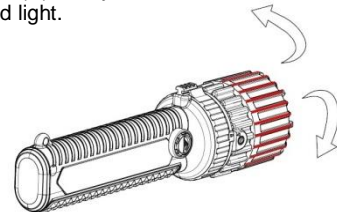
### Fastener for beam adjustment:

After batteries installed, turn (B) anticlockwise until its arrow toward the arrow on switch (A) (see left diagram), then use hex kit to screw the fastener until it is flat to the surface before adjustment (see right diagram).



### Beam adjustable(C):

Hold on (B), turn (C) to adjust beam. Anticlockwise: spot light; Clockwise: flood light.



### Accessories:

- Hand Strap (Optional)

### Warranty:

1 years Limited Warranty

### Safety Warnings:

1. The fastener shall be screwed until it is flat to the surface, after opening and closing of the enclosure. Do not over screw as it will effect IP rating.
2. Do not flash the light beam directly to human's eyes.
3. Always use the device following the regulations of each country.

### SÉCURITÉ INTRINSÈQUE:

1. AVERTISSEMENT : LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SÉCURITÉ INTRINSÈQUE.
2. AVERTISSEMENT : AFIN DE PREVENIR L'INFLAMMATION D'ATMOSPHERES DANGEREUSES, NE CHANGER LES BATTERIES QUE DANS DES EMPLACEMENTS DESIGNES NON DANGEREUX.