

# User Manual



IECEX

## FLASHLIGHT FOR USE IN HAZARDOUS LOCATIONS

UM01 English

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V1.0

### Description:

DS-19 is a compact size intrinsically safe flashlight for use in hazardous locations and can be powered with two size AAA alkaline batteries. It has single mode operating functions that allows users to operate for long run time.

### Features:

Intrinsically safe for use in hazardous locations

- Compact size for easy carry and keeping
- Users high power CREE LED
- Water Proof
- Tough and durable casing
- 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 T5 IP67  
File number: E324236



Gas: II 1G Ex ia IIC T5 Ga (Zone 0)  
Mine: I M1 Ex ia I Ma  
DEMKO 16 ATEX 1661X

IECEX

Gas: Ex ia IIC T5 Ga (Zone 0)  
Mine: Ex ia I Ma  
IECEX UL 16.0015X



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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+A11:2013 Edition
4. EN 60079-11 : 2012 Edition
5. EN50303 : 2000 Edition
6. IEC 60079-0 : Sixth Edition
7. IEC 60079-11 : Sixth Edition

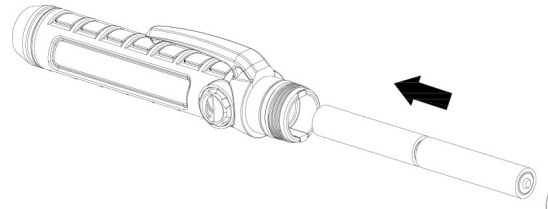
### Battery Replacement:

Use only battery types below:

Alkaline type  
Energizer E92  
Duracell MN2400  
Panasonic AAA LR03  
Rayovac AAA LR03

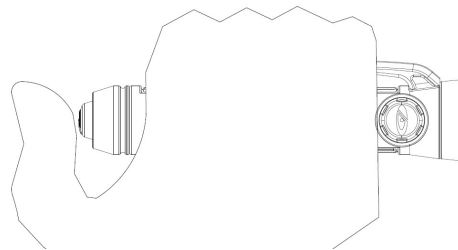
- Warning: Do not change batteries in hazardous locations.  
Warning: Replace batteries only in non-hazardous areas.  
Warning: To reduce the risk of explosion do not mix new batteries with used batteries, or mix batteries from different manufacturers or from different types.  
Warning: Remove the batteries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

### Installation:



### Operation:

Push the tail button to power the light.



### Warranty:

1 years Limited Warranty

### Safety Warnings:

1. The screw shall be secured tightly after opening and closing of the enclosure.
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.