



ENGLISH

Product Datasheet

# Intrinsically Safe Flashlight



IECEX



## 1. Description:

#8902995 is a portable, hand-held intrinsically safe flashlight for use in hazardous locations and can be powered with four size AA Alkaline cells. It has high and low mode operating functions that allows users to operate for high brightness or long duration lighting.

## 2. Features:

- Intrinsically safe for use in hazardous locations
- Multiple functions: High / Low / Flash
- Cree LED
- IP67
- Tough and durable casing
- High Impact LENS & Non-Slip Handle
- High-Visibility yellow colour body
- Safety Lock

## 3. Specification: (Factory Standard):

Specs	High mode	Low mode
Light Output	180 lm	70 lm
Run Time	8 hr	30 hrs
Beam Distance	117 m	83 m
Drop Resistance	1 meter	
IP Rating	IP68	
Dimension	172 x 47 x 47 mm	
Weight	140 g	

#### 4. Certifications:



UL USA : UL FILE NO.: OERX.E324236

Class I Div 1&2 Grp ABCD

Class II Div 1&2 Grp EFG

Class III Temp Code: T4



APPROVAL No.20-A150004-0

TESTED FOR INTRINSIC SAFETY IN  
METHANE-AIR MIXTURES ONLY



IECEX Worldwide : IECEX CERTIFICATE NO.: IECEX UL13.0060X

Ex ia IIC T4 Ga



Ex Europe : ATEX CERTIFICATE NO.:

DEMKO 13 ATEX 1205039X

II 1G Ex ia IIC T4



0518

#### Standard:

UL 913, Seventh Edition

CSA C22.2 No.157-92, Reaffirmed 2013

EN 60079-0 : 2009

EN 60079-11 : 2012

EN 60079-26 : 2007

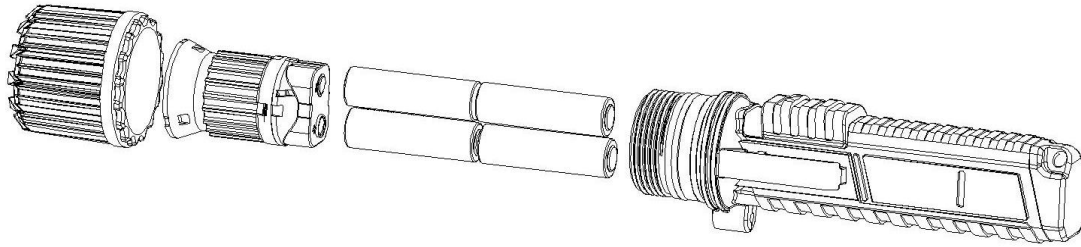
IEC 60079-0: Fifth Edition

IEC 60079-11: Sixth Edition

IEC 60079-26: Second Edition

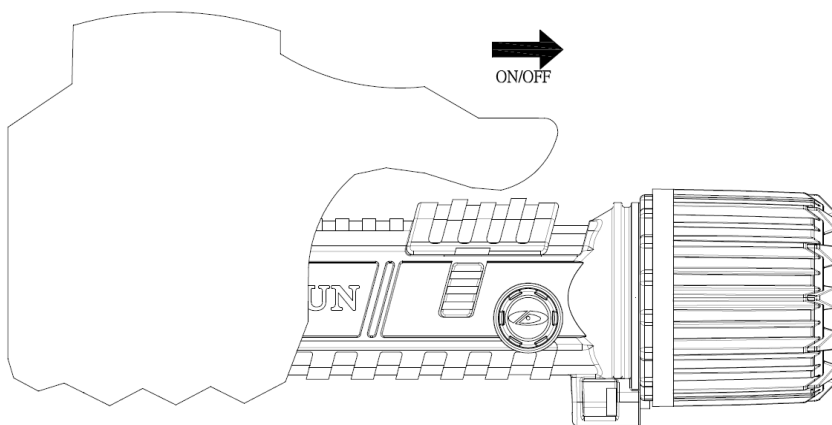
Directive 2014/34/EU

## 5. Installation:



## 6. Operation:

Lighting by pushing the switch of DS-1, by turning it on for 3 multiple functions of Full lighting/Half lighting/Flashing and turn it off as well. This switch is operated by magnetism.



## 7. Battery:

4 x AA ALKALINE batteries

Batteries type: ENERGIZER E91

DURACELL MN1500

RAYOVAC 815

ANSMANN 5015548

ANSMANN 1502-0002

## **8. Change of batteries:**

Warning – Replace batteries only in non hazardous areas. Please unscrew the front cap, please do not directly touch inside heat sink set, it might be a bit hot after long time using, remove the cap, remove the reflector with LED inserted, avoiding touching inside surface of reflector, it might affect the performance of lighting.

Always using proper batteries to go with DS-1, do not mixed brand using. Always replace all batteries at the same time, filling new batteries in corresponding to (+) positive and (-) negative mark sticker inside of battery case by two rules to batteries:

Use only battery type of Energizer E91 or Duracell MN1500 or Rayovac 815 or Ansmann 5015548 or Ansmann 1502-0002.

To reduce the risk of explosion do not mix new batteries, or mix batteries from different manufacturers or from different types.

## **9. Warning:**

- The screw should be secured tightly after replacing the batteries. Install the batteries in the correct assembly. When re-insert reflector set, with smart design, please gently insert it, it could slowly slide into groove and fit it well, please do not over-force on it. Closing the flashlight by screwing the cap right to end of the screw thread. And with long period of time without using the flashlight, batteries should be removed out for avoiding battery leaking which may cause damage to flashlight's life.

## **10. Safety warning:**

- Clean flashlight only with damp cloth to avoid static electricity.
- Do not flash the light beam directly to human's eyes, it may cause temporarily dizzy, please leave away, and close your eyes immediately when light beam moves toward to your eyes directly.
- Always use this flashlight by following regular and legal rules governed by industrial control and management authority from every country.
- Substitution of components may impair intrinsic safety.