







# Fenix SE10 Explosion Proof Flashlight

Fenix SE10 is an intrinsically safe explosion-proof flashlight in Group II category I which is intended for all other areas at risk of explosion excluding underground mines. It conforms to the ATEX directive which is internationally recognized by authoritative explosion-proof organizations. Made of explosion proof and antistatic plastics, it conforms to explosion-proof design requirements. This flashlight can be used in an atmosphere of flammable gas zones 0-2 and the atmosphere of flammable dust zones 20-22. In addition, it has achieved II 1G Ex ia IIC T4 Ga /II 1D Ex ia IIIC T135°C Da explosion proof classifications, which means it can be used in flammable and explosive places including oil fields, metallurgy, railways, electric utilities, public security, petrochemical and chemical industries. This flashlight will be a mighty aid in flammable and explosive environments.

## Technical Parameters

ANSI/PLATO FL1	Mode
 Output	100 Lumens
 Runtime	12h 50min
 Distance	160m
 Intensity	6400ccd
 Impact resistance	1m
 Waterproof	IP68, underwater 2m

Note: The abovementioned parameters (lab-tested by the included batteries) may vary between flashlights, batteries and environments.

- Intrinsically safe explosion proof flashlight with the ATEX and IEC directive
- II 1G Ex ia IIC T4 Ga /II 1D Ex ia IIIC T135°C Da explosion proof classifications

- Uses Cree XP-E2 R3 LED with a lifespan of 50,000 hours
- Powered by three AA/1.5V batteries
- 177.5mm Length x 53mm Width x 51mm Height
- Weight: 164 grams (excluding batteries)
- Physical reverse polarity protection, to protect from the improper battery insertion
- Includes dedicated Allen wrench
- Tactical tail switch for momentary and constant on activation
- Made of explosion proof and antistatic plastics

**Accessories:** 3\*AA batteries(Energizer), 1\*spare O-ring, 1\*Allen wrench

## Operating Instructions

The tail switch is the tactical switch. Tap the tail switch to momentarily turn on the light; release it and the light will go out. Fully press the tactical tail switch to constantly turn on the light; press once again -- the light will be turned off.

## Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
ENERGIZER E91	AA	1.5V	Recommended	✓✓
DURACELL MN1500	AA	1.5V	Recommended	✓✓
RAYOVAC 815	AA	1.5V	Recommended	✓✓

- Warning :**
1. Do not disassemble the light or replace battery in potentially explosive atmospheres.
  2. For your safety only use the abovementioned batteries.
  3. Do not mix batteries of different types and capacities. Doing so may cause danger, or damage the flashlight.

## Battery Replacement

Loosen the screw of the light head with the included Allen wrench. Open the light head and remove the battery holder. Replace the battery and ensure it is inserted in accordance with polarity marks. Insert battery holder into the light body, tighten the light head and lock with the screw.

## Usage and Maintenance

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Do not wipe the lens with ethyl alcohol.
- Uses only the three recommended types of batteries.
- If the light will not be used for an extended period, remove the battery, or the light could be damaged by electrolyte leakage or battery explosion.
- Remove the battery in non-explosive environments to prevent accidental activation of the light during transportation.
- Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare.

## Warning

The flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the flashlight directly into anyone's eyes.