# Fenix E12 V2.0 Flashlight

## Technical Parameters

| ANSI/PLATO FL1 | | High | Med | Low |
|---|---|---|---|---|
| Output | | 160 lumens | 30 lumens | 5 lumens |
| Runtime | Alkaline Battery | 1 hour | 13 hours | 70 hours |
| Distance | | 68 meters | 28 meters | 12 meters |
| Intensity | | 1133 candela | 185 candela | 31 candela |
| Impact Resistance | | 1 meter | | |
| Submersible | | IP68 | | |

Note: The above specifications are from the results produced by Fenix through its laboratory testing using an Alkaline battery under the temperature of 21±3°C and humidity of 50% - 80%. The true performance of this product may vary according to different working environments and the actual battery used.

*The High output is measured in total of runtime including output at reduced levels due to temperature or protection mechanism in the design.

**Runtime Graphics**
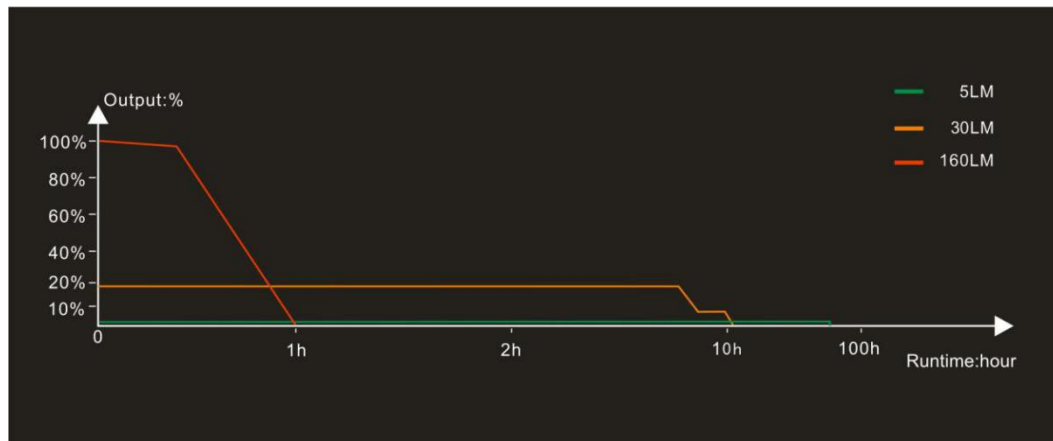
**Product Features**

- 160 lumens maximum output, 68 meters maximum beam distance.
- Uses <mark>MATCH CA18 cool white LED</mark> with a lifespan of 50,000 hours.
- Included by a single AA battery, easy to find (Ni-MH/Alkaline).
- Automobile ultrathin optical lens coating process.
- No standby current, safe and cost-efficient.
- One-handed operation with the single tail switch.
- Two-position body clip and tail standing capability for varying conditions.
- Made of durable A6061-T6 aluminum.
- Premium type HAIII hard-anodized anti-abrasive finish.
- Size: 3.06'' x 0.75'' x 0.69'' / 77.6 x 19 x 17.6 mm.
- Weight: 0.96 oz / 27.3 g (excluding battery).

# Operating Instruction

**On/off**

Fully press the tail switch to turn on/off the light.

**Output Selection**

With the light switched on, tap the tail switch to cycle through Low→Med→High.

**Intelligent Memory Circuit**

The light does not memorize the previously used output level, each time it is turned on, Low mode will be activated.

# Battery Specifications

| Type | Dimensions | Nominal Voltage | Usability | |
|---|---|---|---|---|
| Ni-MH Battery | AA | 1.2V | <mark>Recommended</mark> | <mark>√√</mark> |
| Alkaline Battery | AA | 1.5V | <mark>Recommended</mark> | <mark>√√</mark> |

| | | | | |
|---|---|---|---|---|
| Non-rechargeable Lithium Battery | AA | 1.5V | Usable | √ |
| Rechargeable Li-ion Battery | 14500 | 3.7V | Banned | × |

## Battery Replacement

Unscrew the light tail and insert the battery with the anode side (+) towards the light head, then screw the light tail back on.

## Low-voltage Warning

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until Low output is reached. To ensure normal use, the flashlight will not turn off automatically and will work till the battery runs out completely.

## Usage and Maintenance

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Fenix recommends using an excellent quality battery.
- 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.
- Unscrew the tail cap half a turn or take out the battery to prevent accidental activation during storage or transportation.
- Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare
- Periodic cleaning of the battery contacts improves the lamp's performance as dirty contacts may cause the lamp to flicker, shine intermittently or even fail to illuminate for the following reasons:
  A: The battery needs replacing.
   Solution: Replace battery (Ensure battery is inserted according to the manufacturer's specifications).
  B: The threads, PCB board contact or other contacts are dirty.
  Solution: Clean the contact points with a cotton swab soaked in rubbing alcohol.

If the above methods don't work, please contact your authorized distributor.

## Included

E12 V2.0 flashlight, AA battery, Spare O-ring, Lanyard, User manual, Warranty card

## Warning

- This 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.

- <span style="color:red">This flashlight will accumulate a lot of heat when used for extended periods, resulting in high temperature of the flashlight shell. Pay attention to safe use to avoid scalding.</span>
- All information provided in this manual is subject to change without prior notice.