Fenix E20 V2.0 Flashlight

Technical Parameters

ANSI/PLATO FL1		High	Med	Low	Eco
Output		350 lumens	150 lumens	30 lumens	5 lumens
Runtime	**Alkaline battery**	3 hours 45 minutes	11 hours 15 minutes	93 hours <mark>35 minutes</mark>	200 hours
	Ni-MH battery	1 hour 30 minutes	5 hours 30 minutes	34 hours 30 minutes	140 hours
Distance		126 meters	76 meters	35 meters	<mark>15 meters</mark>
Intensity		3950 candela	1448 candela	288 candela	44 candela
Impact Resistance		1 meter			
Waterproof		IP68, 2 meters underwater			

Note: The above specifications are from the results produced by Fenix through its laboratory testing using the 1900mAh/Eneloop Ni-MH battery and quality Alkaline battery under the temperature of 21±3℃ 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.
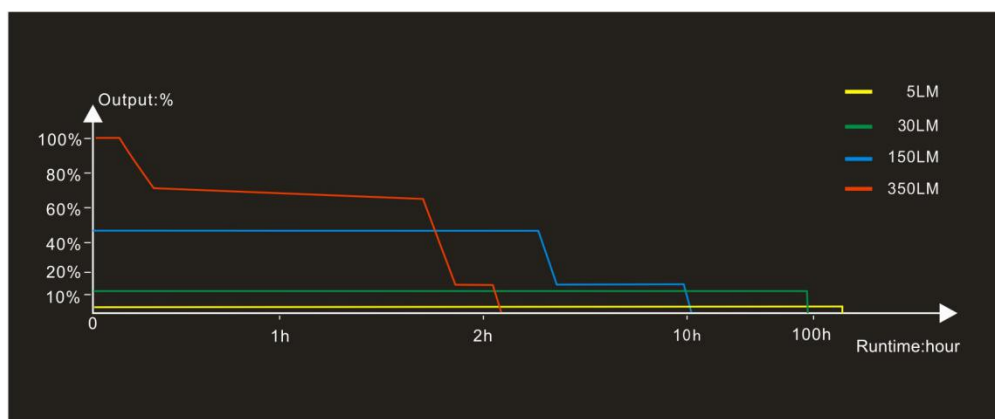
Product Features

- A Luminus SST20 LED with a lifespan of 50,000 hours.
- Powered by 2 x AA batteries (Ni-MH/Alkaline).
- Digitally regulated circuit for maintaining a stable output.
- Intelligent overheat protection against high surface temperature.
- Reverse polarity protection, to protect from improper battery insertion.
- One-handed operation with the reverse tail switch.
- Made of A6061-T6 aluminum.
- Premium type HAIII hard-anodized anti-abrasive finish.
- Automobile ultrathin patented optical lens coating process.
- Size: 5.00'' x 0.83'' x 0.66'' / 127 x 21 x 16.8 mm.
- Weight: 1.48 oz / 42 g (excluding battery).

Operating Instruction

On/off ①

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 Eco→Low→Med→High.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Ni-MH Battery	AA	1.2V	Recommended	√√
Alkaline Battery	AA	1.5V	Usable	√
Non-rechargeable Battery	AA	1.5V	Usable	√

Rechargeable Li-ion Battery	14500	3.7V	Banned	×

Warning: Do not mix batteries of different brands, sizes, capacities or types. Doing so may cause damage to the flashlight or to the batteries being used.

Battery Replacement ②

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 Eco output is reached. To ensure normal use, the flashlight will not turn off automatically and will work till the battery runs out completely.

Intelligent Protection

The light will accumulate a lot of heat when used on High output level for extended periods. When the light reaches a temperature of 58℃ or above, the output will automatically step down by about 1% every 1 second until to Med to reduce temperature. When the temperature is reduced, the output will gradually increase by about 1% every 5 seconds until to <mark>High</mark>. The original output of every mode is restored each time the light is switched.

Note: *The above specification is from the result produced by Fenix through its laboratory testing. Actual output may vary slightly according to the working environments.

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

E20 V2.0 flashlight, 2 x AA batteries, Spare O-ring, Lanyard, Information leaflet, User manual, Warranty card

Warning

1. 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.
2. All information provided in this manual is subject to change without prior notice.