Fenix E16Ti Flashlight

Technical Parameters

ANSI/PLATO FL1	High	Med	Low	Eco
Output	650 lumens	150 lumens	30 lumens	3 lumens
Runtime	1 hour 36 minutes*	2 hours 18 minutes	11 hours	60 hours
Distance	131 meters	62 meters	27meters	7meters
Intensity	4350 candelas	984 candelas	188 candelas	12 candelas
Impact Resistance	1 meter			
Waterproof	IP68, underwater 2 meters			

Test condition: one Fenix ARB-L16-700U rechargeable Li-ion battery, temperature 21±3℃, humidity 50% - 80%.

* The runtime of High mode is the cumulative runtime with time- limited downshift active.
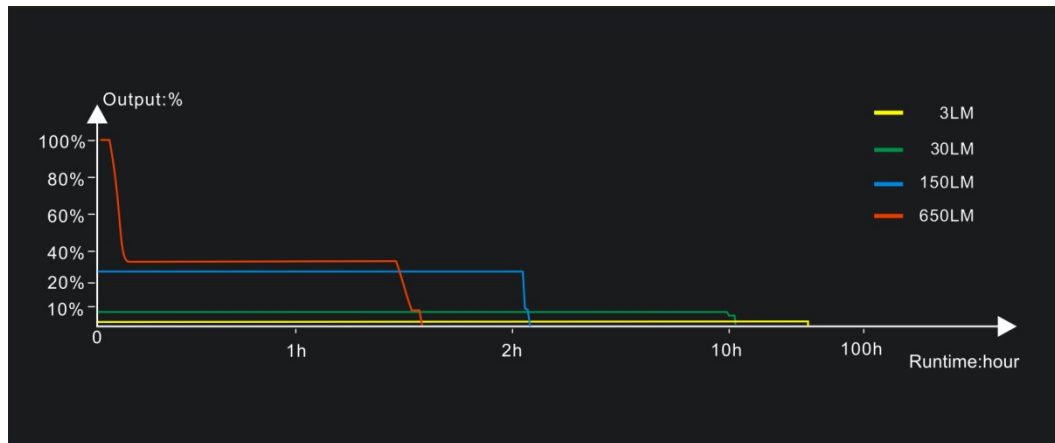
◇ Cree XP-L HI LED with a lifespan of 50,000 hours; max 650 lumens

◇ Body made of titanium, two-color oxidation finish; simple but unique

◇ 2.0''Length x 0.82'' Head x 0.78'' Body / 51 x 20.9 x 19.7 mm

◇ 0.88 oz / 25 grams (excluding battery)

◇ Compatible with 16340 Li-ion and 3V CR123A Lithium battery

◇ Automobile optical lens coating process for clearer vision

◇ Stainless steel side switch for one-switch control

◇ Two ways of avoiding accidental activation

◇ Low-voltage warning function

◇ Digitally regulated output maintains constant brightness

◇ Overheat protection against high surface temperature

◇ Reverse polarity protection to protect from improper battery insertion

◇ Anti-roll and anti-slip body

Operating Instruction ①

On/Off

With the light unlocked, press and hold the side switch for 0.5seconds to turn on/off the light.

Output Selection

With the light switched on, single click the side switch to cycle through Eco→Low→Med→High.

Electronic Lockout Function

Lock: With the light unlocked, press the side switch twice within 0.5seconds. The light will blink twice on Low to indicate locked status.

Unlock: With the light is locked, press the side switch twice within 0.5seconds. The light will be unlocked and activated on Eco.

In locked status, clicking or pressing the switch will activate 2 one-second blinks to indicate locked status.

Physical Lockout Function

Rotate the two-way body clip to the right above of the side switch to avoid accidental activation, move the two-way body clip for normal use.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L16-700U	16340	3.6V/3.7V	Recommended	√√
Fenix ARB-L16-700UP	16340	3.6V/3.7V	Recommended	√√
Fenix ARB-L16-700	16340	3.6V/3.7V	Recommended	√√
Non-rechargeable Battery (Lithium)	CR123A	3V	Usable	√
Rechargeable Battery (Li-ion)	16340	3.6V/3.7V	Caution*	⬚

*16340Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Quality batteries with circuit protection will reduce the potential for combustion or explosion but cell damage or short circuiting are potential risks the user assumes.

Battery Replacement ②

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

Time-limited Downshift

The light will accumulate a lot of heat when used on High output level for extended periods. The light will automatically step down by a few lumens to reduce temperature. When the temperature is reduced, the High output level can be reselected.

Low-voltage Warning

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until the lowest output is reached. When this happens in the lowest output mode, the flashlight blinks 3 times every 5 minutes to remind you to replace the battery. To ensure normal use, the flashlight will not turn off automatically and will work till the battery protection activates.

Note: This only works with 16340 Li-ion battery.

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.

- Lock the light or take out the battery to prevent accidental activation during storage or transportation. Recharge a stored battery every four months to maintain optimal battery performance.

- 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

E16Ti flashlight, ARB-L16-700U rechargeable Li-ion battery, Micro USB charging cable, Body clip, Lanyard, Spare O-ring, User manual, Warranty card, Information leaflet

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.