

FENIX™
LIGHTING FOR EXTREMES



E16

PORTABLE HIGH-PERFORMANCE EDC FLASHLIGHT



700 Lumens

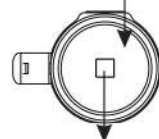


2 inches long

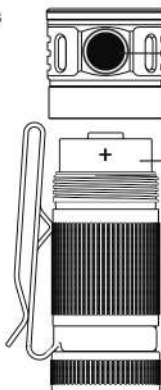


16340 or CR123A

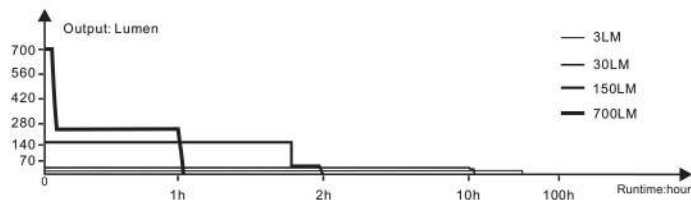
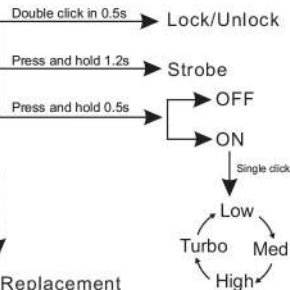
Automobile optical lens coating process



Neutral white light



Battery Replacement



(ENGLISH) E16 Flashlight

- Cree XP-L HI neutral white LED with a lifespan of 50,000 hours; max 700 lumens
- Automobile optical lens coating process
- Two ways of avoiding accidental activation
- Magnetic tail
- Low-voltage warning function
- Compatible with 16340 Li-ion and CR123A Lithium battery
- Stainless steel side switch for one-switch control
- Digitally regulated output maintains constant brightness
- Overheat protection against high surface temperature
- Reverse polarity protection to protect from improper battery insertion
- Made of durable high-strength and oxidation-resistance aluminum
- Premium type HAIII hard-anodized anti-abrasive finish
- 51mm Length x 21.1mm Head x 19.8mm Body
- 22g (excluding battery)

Operating Instruction①

On/Off

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

Output Selection

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

Strobe

With the light unlocked, press and hold the side switch for 1.2s to enter strobe mode, single click the side switch again to turn back to general mode.

Electronic Lockout Function

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

Unlock: With the light is locked, press the side switch twice within 0.5s. The light will be unlocked and activated on last used brightness.

In locked status, clicking or pressing the switches 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 level Indication

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 (Lithium)	16340	3.6V/3.7V	Caution*	!

*16340 Li-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.

Intelligent Memory Circuit

The light memorizes the last selected brightness level on general mode. When turned on again the previously used brightness level will be recalled.

Overheat Protection

The light will accumulate a lot of heat when used on Turbo output level for extended periods. The light will automatically step down by a few lumens to reduce temperature. When the temperature is reduced, the Turbo 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 Low output is reached. When this happens in Low output mode, the flashlight blinks three times every five 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.

Battery Replacement②

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

Technical Parameters

	ANSI/PLATO FL1	TURBO	HIGH	MED	LOW	STORBE
OUTPUT	16340 CR123A	700 Lumens 300 Lumens	150 Lumens 150 Lumens	30 Lumens 30 Lumens	3 Lumens 3 Lumens	700 Lumens 300 Lumens
RUNTIME*	16340 CR123A	1h 5min 1h 55min	2h 2h 50min	11h 55min 25h	70 h 110 h	/ /
DISTANCE	16340 CR123A	142m 93m	66m	31m	13m	/
INTENSITY	16340 CR123A	5050cd 2160cd	1100cd	240cd	40cd	/
IMPACT RESISTANCE	1m					
WATERPROOF	IP68, underwater 2m					

▲ Note: The above-mentioned parameters (lab-tested by Fenix) may vary between flashlights, batteries and environments.

* The above-mentioned runtime is the cumulative runtime with low-voltage active.

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.
- 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.

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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.

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.

Included in the package

E16 flashlight, Body clip, Lanyard, Spare O-ring, Key ring, User manual, Warranty card, Information leaflet