

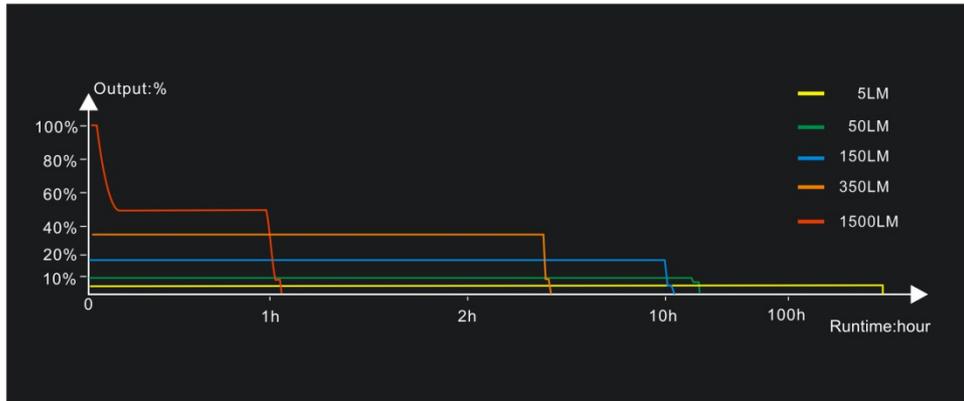
## Fenix E30R Flashlight

### Technical Parameters

ANSI/PLATO	Turbo	High	Med	Low	Eco	Strobe
<b>FL1</b>						
 <b>Output</b>	1600 lumens	800 lumens	350 lumens	150 lumens	30 lumens	1600 lumens
 <b>Runtime</b>	1 hour 27 minutes*	1 hour 55 minutes	5 hours 28 minutes	17 hours 32 minutes	70 hours 30 minutes	/
 <b>Distance</b>	203 meters	150 meters	93 meters	62 meters	27 meters	/
 <b>Intensity</b>	10302 candela	5798 candela	2151 candela	950 candela	192 candela	/
 <b>Impact Resistance</b>	1 meter					
 <b>Waterproof</b>	IP68, underwater 2 meters					

Test condition: One Fenix ARB-L18-3500 rechargeable Li-ion battery, temperature 21±3°C, humidity 50% - 80%.

\*The runtime of turbo is the cumulative time when intelligent downshift active.



- LUMINUS SST40 LED with a lifespan of 50,000 hours.
- Max 1600 lumens and 203 meters beam distance.
- Powered by one 18650 rechargeable Li-ion battery, two CR123A Lithium batteries can be used in emergency.
- 3.90" Length x 0.85" Body diameter x 1.0" Head diameter (99 x 21.5 x 25.4 mm).
- 1.80 oz /51 grams (excluding battery).
- Magnetic charging with included magnetic charging cable - 3 hours for fully charged.
- Included one Fenix ARB-L18-3500 rechargeable Li-ion battery.
- Automobile ultrathin optical lens coating process.
- Multiple ways of lockout function to avoid accidental activation.
- One switch control - easy and fast operation.
- Intelligent overheat protection against high surface temperature .
- Low voltage warning reminds when battery charging or replacement is needed.
- Made of durable high-strength and oxidation-resistance aluminum
- Premium type HAIII hard-anodized anti-abrasive finish

## Operating Instruction

### On/off

With the light unlocked, press and hold the switch for 0.5 seconds 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→Turbo.

### Strobe

With the light unlocked, press and hold the switch for 1.2 seconds to enter Strobe, single click once again to turn back to previously used output level.

### Lock/Unlock

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

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

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

## Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L18 Series	18650	3.6 V/3.7 V	Recommended	√√
Non-rechargeable Battery (Lithium)	CR123A	3 V	Usable*	√
Rechargeable Battery (Li-ion)	18650	3.6 V/3.7 V	Caution**	□
Rechargeable Battery (Li-ion)	16340	3.6 V/3.7 V	Banned	×
Rechargeable Battery (LiFePO4)	18650	3.2 V	Banned	×

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

\*CR123A Lithium battery can be used for emergency, but charging is prohibited. It's strictly prohibited to use rechargeable Li-ion battery without protection board.

\*\*16340/18650 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.

## Battery Replacement

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

## Magnetic Absorption Charging

Connect the USB AM port of the charging cable to the power source, then hold the magnetic end of the charging cable close to the flashlight. The charging cable will attach to the charging port automatically and charging will begin. **Max charging current is 1.35A.**

### Note:

1. Recharge a stored light every four months to maintain optimal battery performance.
2. The flashlight can be used while the light is being charged, but charging time will be prolonged.

## Battery Level Indication

With the light switched off, single click the switch to check the battery status. The battery level indicator will display the battery status for 3 seconds.

Green constant on: saturated (100% - 86%)

Green flashes: sufficient (85% - 51%)

Red constant on: poor (50% - 26%)

Red flashes: critical (25% - 1%)

## 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. When this happens in Eco output mode, the battery level indicator blinks red to remind you to recharge the battery. To ensure normal use, the flashlight will not turn off automatically and will work till the battery level runs out.

Note: This only works with Fenix 18650 Li-ion battery.

## Intelligent Downshift

### Time-limited Downshift

The light will downshift to 900 lumens within 30 seconds when it has been used on Turbo for 1 minute.

### Overheat Protection

The light will accumulate a lot of heat when used on Turbo or High output level for extended periods. When the light reaches a temperature of 65°C or above, the light will automatically step down by 5% every 10 seconds to reduce the temperature, and until to 350 lumens.

When the temperature is reduced below 65°C, Turbo mode can be reselected; or only 900 lumens can be reached.

## 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.

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**

E30R flashlight, Fenix ARB-L18-3500 rechargeable Li-ion battery, Magnetic charging cable, Body clip, Lanyard, Spare O-ring, Insulation sheet, Info tag, 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.