







Fenix LR40R Flashlight

Technical Parameters

ANSI/PLATO FL1	Spotlight Mode				Floodlight Mode						
	High	Med	Low	Eco	Turbo	High II	High I	Med	Low	Strobe	SOS
 Output	1000 lumens	350 lumens	150 lumens	50 lumens	11000 lumens	6000 lumens	3000 lumens	1000 lumens	350 lumens	3000 lumens	350 lumens
 Runtime	7 hours	22 hours 30 minutes	44 hours 31 minutes	92 Hours 18 minutes	45 minutes	2 hours	2 hours 50 minutes	7 hours 15 minutes	22 hours 44 minutes	/	/
 Distance	640 meters	401 meters	263 meters	163 meters	410 meters	295 meters	200 meters	115 meters	65 meters	/	/
 Intensity	101960 candela	40105 candela	17239 candela	6608 candela	41867 candela	21510 candela	9830candela	3142candela	915candela	/	/
 Impact Resistance	1 meter										
 Waterproof	IP68, underwater 2meters										

Test condition: Fenix ARB-L37-12000 battery pack, temperature 21±3°C, humidity 50% - 80%.


- USB Type-C fast charging port, quickly ready for outdoor activities.
- USB discharging function, backup for digital devices as you like.
- Pocket searching flashlight - Handheld comfort, portable convenience.
- Featuring spotlight and floodlight for various lighting scenes.
- Cree LEDs, with a lifespan of 50,000 hours.
- Powered by 4* 18650 rechargeable Li-ion battery pack, 1 to 4 18650 battery can be used.
- 12000 lumens super performance, 773 meters ultra-long beam distance (when max output of spot- and floodlight are simultaneously selected).
- Battery level indication and low-voltage warning keep the battery status updated.
- Fast lockout function.
- Dual side switches for easy and fast operation.
- Digitally regulated output maintains constant brightness.
- Reverse polarity protection, to protect from improper battery insertion
- Made of durable high-strength and oxidation-resistance aluminum
- Toughened ultra-clear glass lens with an anti-reflective coating
- Size: 6.06'' x 3.15'' x 2.01'' (154 x 80 x 51 mm)

- Weight: 17.6 oz / 500 grams (excluding battery)

Operating Instruction ①

Switches

 Floodlight : for on/off, output selection on floodlight mode, strobe and SOS.

 Spotlight: for on/off and output selection on spotlight mode.

On/Off

With the light switched off, press and hold the floodlight switch for 0.5 seconds to enter floodlight mode on previously used output.

With the light switched off, press and hold the spotlight switch for 0.5 seconds to enter spotlight mode on previously used output.

On floodlight mode, press and hold the floodlight switch for 0.5 seconds to turn off floodlight mode.

On spotlight mode, press and hold the spotlight switch for 0.5 seconds to turn off spotlight mode.

With the light switched on, press and hold the spotlight switch for 1.2 seconds to simultaneously turn off both modes.

Mode Switching

1. Spot- and floodlight modes can be simultaneously or independently operated of turning on and output selection. While Strobe and SOS can not be selected simultaneously with spotlight mode.
2. Press and hold the floodlight switch for 0.5 seconds to enter floodlight mode; press and hold the spotlight switch for 0.5 seconds to enter spotlight mode.
3. In any status, press and hold the floodlight switch for 1.2 seconds to enter strobe, single click the floodlight switch to enter SOS, single click the floodlight switch again to turn back to the previously used output level on floodlight mode.
4. In strobe and SOS mode, single click spotlight switch to turn back to the previously used output level.

Output Selection

Floodlight: With the light switched on, single click the floodlight switch to cycle through Low→Med→High I→High II→Turbo.

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

Lockout Function

Lock: With the the light switched off and unlocked, simultaneously press the two switches for 3 seconds, the light will blink 2 times on Eco of spotlight mode to indicate locked status.

Unlock: With the light locked, simultaneously press the two switches for 3 seconds, the light will

be activated on ECO of spotlight mode.

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

Charging ②

Operation: USB Type-C port is used, and QC3.0, QC2.0 fast protocol or 5V adapter are supported, fast charging adapter will be auto identified.

Indication: When charging, the charging indicators will flash from left to right to display battery and charging status. Only Eco and low output levels on spotlight mode are available when charging.

Power Bank Function ③

Operation:

1. With the light switched off, single click any of the two switches to start discharging, discharging will be stopped in 8 seconds if no load identified.
2. The discharging will auto start with the light switched on.
3. According to the fast charging protocol, QC, PE or 5V discharging will be selected, if load fast charging protocol will be auto detected.

Indication: If load is identified, the indicators will recede from right to left to display the status.

Note: When discharging, only Eco and low output level on spotlight mode can be used.

Battery Level Indication ④

With the light switched off, single click either switch to check the battery status, which will last for 8 seconds.

Four blue lights on: 100% - 80%

Three blue lights on: 80% - 60%

Two blue lights on: 60% - 40%

One blue light on: 40% - 20%

One blue light flashes: 20% - 0

Note: This works with the included Fenix ARB-L37-12000 battery pack.

Battery Specifications

Type	Dimension	Nominal Voltage	Usability	
Fenix ARB-L37-12000 battery pack	18650	3.6V/3.7V	Recommended	√√
Fenix ARB-L18 Series	18650	3.6V/3.7V	Recommended	√
Rechargeable Battery	18650	3.7V	Caution*	☐
Non-rechargeable Battery	CR123A	3V	Banned	×

Rechargeable Battery	16340	3.7V	Banned	x
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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.

*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 ⑤

Unscrew the tail cap to take out the battery pack, and insert a new Fenix ARB-L37-12000 battery pack or 1-4 18650 rechargeable Li-ion battery with the anode side (+) and the salient point towards the light head, and then screw the tail cap back on.

Intelligent Protection

With the light switched on High I, High II or Turbo on Floodlight mode, the light will accumulate a lot of heat for extended periods. When the light reaches a temperature of 65°C or above:

1. Spot- and floodlight both switched on (High output on Spotlight mode), the light will downshift until to 1000 lumens;
2. Spot- and floodlight both switched on (no High output on Spotlight mode), the light will downshift until to 1500 lumens.

Time-limited downshift

With the light switched on, if Turbo on floodlight mode is being selected for over 2 minutes or High II for over 5 minutes:

1. If High on spotlight mode is selected, the light will downshift until to 1000 lumens;
2. If High on spotlight mode is not selected, then the light will downshift until to 1500 lumens

Note: The abovementioned function are specially designed for avoiding discomfort and danger caused by light overheating.

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 blue to remind you to recharge or replace the battery. To ensure

normal use, the flashlight will not turn off automatically and will work till the battery level runs out or the protection circuit activates.

Note: This only works with Fenix 18650 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 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.
- 1 - 4 18650 rechargeable Li-ion batteries can be used (Turbo may not be selected due to battery capacity) for emergency case: insert the batteries with the anode side (+) and the salient point towards the light head, and then screw the tail cap back on. The brightness, runtime and battery life may be compromised.
- 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 batteries need replacing.
Solution: Replace batteries (Ensure batteries are 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.

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

LR40R flashlight, Fenix ARB-L37-12000 rechargeable Li-ion battery pack, USB Type-C charging cable, Lanyard, Holster, Spare O-ring, User manual, Warranty card