







(ENGLISH)Fenix BC22R Bicycle Light

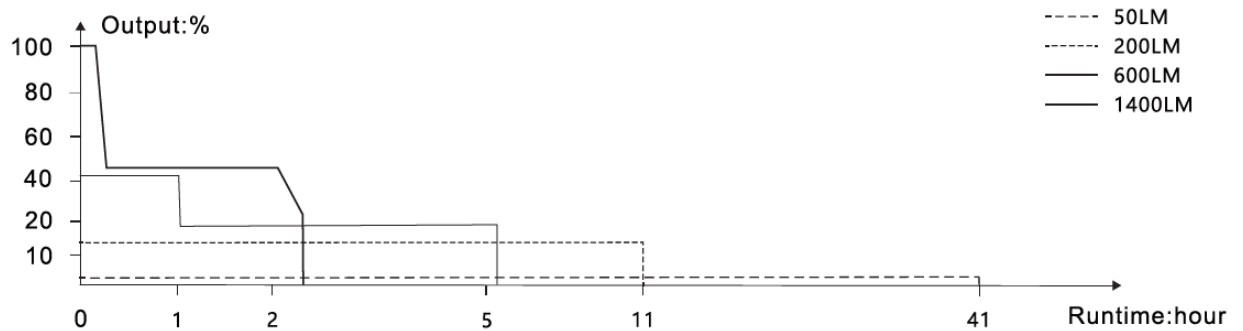
Technical Parameters

	Turbo	High	Med	Low	Flash
 OUTPUT	1400 lumens	600 lumens	200 lumens	50 lumens	200/50 lumens
 RUNTIME	2 hours 20 minutes*	5 hours 30 minutes	11 hours	41 hours	/
 DISTANCE	156 meters	100 meters	57 meters	28 meters	/
 INTENSITY	6100 candela	2450 candela	800 candela	200 candela	/
 IMPACT RESISTANCE	1.5 meters				
 WATERPROOF	IP66				

Note: The above specifications are from the results produced by Fenix through its laboratory testing using one Fenix ARB-L18-3400 battery under the temperature of 21±3°C and humidity of

50% - 80%. The true performance of this product may vary according to different working environments and the actual battery used.

*The Turbo output is measured in total of runtime including output at reduced levels due to temperature or protection mechanism in the design.



Warning

©Do NOT place this light in the reach of children!

©Do NOT shine the light directly into the eyes of anyone!

©Do NOT place light head near flammable objects, high temperatures can cause objects to overheat and become flammable/ignite!

©Do NOT use the light in inappropriate ways such as holding the unit in your mouth, doing so could cause serious personal injury or death if the light or internal battery fails!

©This light will accumulate a significant amount of heat while operating, resulting in a high temperature of the light shell. Pay close attention to avoid burns.

©Turn off the light to prevent accidental activation during storage or transportation.

©The LED of this light is not replaceable; so the light will need to be replaced when the LED reaches the end of its lifespan.

Product features

- ©1400 lumens maximum output, 156 meters maximum beam distance.
- ©Utilizes one Luminus SST40 LED with a lifespan of 50,000 hours.
- ©Included is a replaceable Fenix ARB-L18-3400 battery.
- ©USB Type-C charging.
- ©Marine bionic design, integrated with aerodynamics, is utilized to reduce wind resistance while riding.
- ©Supports normal and inverse installations.
- ©Easy and fast operation with a single switch.
- ©Battery level indication and low-voltage warning.
- ©Anti-glare cut-off facula line makes urban commuting safer.
- ©Half-open lens design allows the light beam to illuminate from both sides, warning vehicles coming from the left, right and rear.
- ©Size: 4.53" x 1.35" x 1.14"/115 × 34.2 × 29 mm.
- ©Weight: 5.54 oz/157 g (including battery).

Operating Instructions

On/off

Press and hold the switch for 0.5 seconds to turn/off the light.

Output Selection

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

Flash Mode

With the light switched on, press and hold the switch for 1.2 seconds to enter Flash, single click again to exit Flash and return to the previously used output.

Intelligent Memory Circuit

The light memorizes the last selected output excluding Flash. When turned on again, the previously used output will be recalled.

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L18 Series	18650	3.6V	Recommended	✓✓
Non-rechargeable Battery (Lithium)	CR123A	3.0V	Banned	✗
Rechargeable Battery (Li-ion)	18650	3.6V	Cautious	!
Rechargeable Battery (LiFePO4)	16340	3.2V	Banned	✗
Rechargeable Battery (LiFePO4)	18650	3.2V	Banned	✗

*18650 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Only using quality batteries with circuit protection will reduce the potential for combustion or explosion; cell damage or short circuiting are considered user induced damage and are not covered by any Fenix warranty or liability.

Battery Replacement

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

Charging

1. Turn off the light, open the anti-dust cover to reveal the USB Type-C charging port, and connect the USB Type-C socket of the charging cable to the light.
2. The indicator will display red while charging and will turn green when fully charged.
3. Once charging is completed, be sure to close the anti-dust cover to maintain the dustproof and waterproof ability.

Note:

1. The normal charging time of the light is approximately 3 hours from depleted to fully charged.
2. Recharge a stored light every four months to maintain optimum performance of the battery.
3. The Low output or Med output can be operated while charging but the charging time will be prolonged.

* These features only works with a Fenix ARB-L18 series battery.

**The light cannot be operated without battery inserted with charging.

Battery Level Indication

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

Green light on: saturated 100% - 85%

Green light flashes: sufficient 85% - 50%

Red light on: poor 50% - 25%

Red light flashes: critical 25% - 1%

Note: This features only works with a Fenix ARB-L18 series battery.

Intelligent Overheat Protection

The light will accumulate a lot of heat when used at high output levels for extended periods. When the light reaches a temperature of 60°C/140°F or above, the light will automatically step down a few lumens to reduce the temperature. When the temperature drops below 60°C/140°F, the light automatically recalls the previously used output level.

Low Voltage Warning

When the voltage level drops below the preset level, the light is programmed to downshift to a lower brightness level until Low output is reached. When this happens in Low output, the battery level indicator blinks red to remind you to replace or recharge the battery.

Usage and Maintenance

- ©Disassembling the sealed head can cause damage to the light and will void the warranty.
 - ©Recharge the battery in time to ensure normal use for next time.
 - ©Recharge a stored light every four months to maintain optimum performance of the battery.
 - ©Fenix recommends using an excellent quality battery.
 - ©If the lamp will not be used for an extended period, remove the battery, or the lamp could be damaged by electrolyte leakage.
 - ©Loosen the light body or take out the battery to prevent accidental activation during storage or transportation.
 - ©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: Poor battery level.
- Solution: Replace or recharge the battery (Ensure the 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

Fenix BC22R bicycle light, ARB-L18-3400 battery, USB Type-C charging cable, Spare O-ring, Adapter mount, handlebar mount, User manual, Warranty card