







BC30 V2.0 Bicycle Light

Technical Parameters

ANSI/PLATO FL1	Burst	High	Med	Low	Eco/EDC	Flash
 Output	2200 lumens	1500 lumens	600 lumens	200 lumens	50 lumens	600/50 lumens
 Runtime	/	2.3 hours	6hours	16 hours	50 hours	/
 Distance	187 meters	155 meters	96 meters	56 meters	28 meters	/
 Intensity	8792 candela	5913 candela	2320 candela	780 candela	196 candela	/
 Impact Resistance	1 meter					
 Waterproof	IP67					

Note: The above specifications are the test results given by Fenix through its laboratory testing using 2 Fenix ARB-L18-3500 rechargeable Li-ion batteries 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 batteries used.

- 2 LUMINUS SST-40-N5 LEDs, with a lifespan of 50,000 hours.
- 2200 lumens maximum output.
- Powered by 2*18650 rechargeable Li-ion batteries, batteries can be replaced.
- Smart wireless control switch.
- Size: 4.72" x 1.99" x 1.25" / 120 × 50.5 × 31.8 mm.
- Weight: 5.43 oz / 154 g (excluding battery and bicycle mount).
- Battery level indication and low-voltage warning.

- Quick-release bicycle mount, easy to assemble and disassemble.
- Reliable all-metal heat fin; IP67 rated protection.
- Compatible with Fenix bicycle light helmet holder, can be used on a helmet.
- Dual Distance Beam System.

Operating instruction

Bicycle light ①

Switches



Functional switch

On/Off

Press and hold the functional switch for 0.5s to turn on/off the light.

Output Selection

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

Flash

With the light switched on, double click the functional switch to enter flash mode; single click the functional switch again to exit flash mode.

Wireless Remote Switch ②

Switches



Output selection switch



Burst

Connecting with BC30 V2.0

First Connection

Press and hold the functional switch for 5 seconds, and the switch will flash red and green alternately, then single click any switch of the wireless switch, the bicycle light will light up to indicate connection is completed.

Note: 1. After the first connection, the wireless remote switch automatically memorizes the paired status. There is no need to match again afterwards.

2. The linear distance between the light and the wireless switch should not exceed 1.5 meters during the pairing process.

Output Selection

With the light switched on, press and hold the output selection switch for 0.5s to enter/exit standby status, single click to cycle through EDC/Eco→Low→Med→High. And the light will automatically shut down after 10 minutes standing by if without any operation.

Instant Burst

With the light switched on, single click burst switch to enter Burst mode of 2200 lumens, which will last up to 30s. In 30s, single click any switch to exit Burst mode.

Note: If the current battery is low, it will light up with the highest brightness supported by the current battery level.

Battery replaceable

Insert the coin into the back of the wireless switch, rotate the coin counterclockwise to open the battery cover; and then insert the battery, and tighten the back cover clockwise.

Note: Change the CR1632 button battery every 3 months.

Battery level Indication

With the light switched off, single click the functional switch to check the battery status. The battery status percentage will be displayed, and then goes out in 3 seconds.

Green light constant on (saturated): 100% - 80%

Orange light constant on (sufficient): 80% - 40%

Red light constant on (poor): 40% - 10%

Red light flashes: 10% - 0%

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L18 Series	18650	3.6 V	Recommended	✓✓
Non-rechargeable Battery (Lithium)	CR123A	3 V	Usable	✓
Rechargeable Battery (LiFePO4)	16340	3.2 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.

*18650 /16340 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Only use 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

1. Rotate the tail cap button according to the direction of the "OPEN" logo, and pull out of the battery case.
2. Insert the battery according to the polarity markings of the battery compartment.
3. Insert the battery case into the light body, and after the battery case is flush with the light body, rotate the tail cap button in the opposite direction of the "OPEN" logo.

Mounting Instruction

Bicycle light and wireless switch

1. Loosen the screw of the bike mount. Fix the bike mount in the desired position on the bike handlebar and fasten the screw.
2. Loosen the fine adjustment screw of the handlebar mount before clamping the mount to the bar by securely tightening the set screw. Slide the light into the mount until a distinct "click" is heard.
3. Fasten the cable of the wireless switch to the desired position on the bike handlebar.

Note:

1. Adjust the direction of the light before testing the power and functions of the bicycle light.
2. Use the shims provided according to the diameter of the bicycle's handlebars:
 - a. Thick + thin shims together: diameter 22-28mm;
 - b. Thin only: diameter 28-32mm);
 - c. No shim (whenever applicable): diameter 32-35mm.
3. The bicycle light can be used on a helmet with the Fenix bicycle light helmet holder.

Low-voltage Warning

The functional switch will flash red to remind to replace the batteries when the voltage level drops below a preset level. The bicycle light is programmed to step down a few lumens to prolong the runtime and the light will not turn off automatically.

Note: This may not work if 4*CR123A batteries are being used.

Overheat Protection

The light will accumulate a lot of heat when working on High mode for extended periods. When the light reaches a temperature of 65°C, the light will automatically step down a few lumens to reduce the temperature. High mode can be reselected if needed.

Usage and Maintenance

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Replace the battery in time to ensure normal use for next time.
- 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.

- Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare.

Included

BC30 V2.0 Bicycle light, Bicycle mount, Wireless switch, CR1632 button battery, Bicycle mounting shim (thin/thick), Spare O-ring, User manual, Warranty card

Warning

1. This light is a high-intensity lighting device capable of causing severe eye damage. Avoid shining the light directly into anyone's eyes.
2. This light will accumulate a lot of heat when used for extended periods, resulting in high temperature of the flashlight shell. Pay attention to safe use to avoid scalding.

FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.