

Fenix BC30 Bike Light

The Fenix BC30 Bike Light puts self-contained 1800-lumen max output at the ready. Remote Burst activation and the exclusive Dual Distance Beam System make the BC30 effective on road or trail up to 170m. Choose 18650 rechargeables or CR123A batteries to power four brightness levels and a warning mode, all guarded by a rugged bar-mounted housing.

Features

Utilizes two Cree XM-L2 T6 neutral white LEDs, max 1800-lumen output

Instant Burst activation with the remote pressure switch

DUAL DISTANCE BEAM SYSTEM

4 brightness levels plus warning mode

Digitally regulated output - maintains constant brightness

Quick attach and detach handlebar mount sized for 22mm-35mm handlebars

Easy, secure adjustment of the light's direction

Made of aluminum alloy and quality plastic

Included Components

1. Fenix BC30 Bike Light
2. Handlebar Mount for the BC30
3. Remote Pressure Switch
4. Handlebar Mount Shim (one thick and one thin)
5. O-ring (one black and one red)

Note: The black O-ring is a spare one. While the red O-ring is smaller and serves as an alternative, using it will reduce the resistance for easier battery replacement, but it will downgrade the water resistant level. Please use the red one with caution!

6. User Manual, Warranty Card

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-L2	18650	3.7V	Recommended	√
Non-rechargeable Battery (Lithium)	CR123A	3V	Usable	√
Rechargeable Battery (Li-ion)	16340	3.7V	Banned	×
Rechargeable Battery (Li-ion)	18650	3.7V	Cautious*	!
Rechargeable Battery (LiFePO ₄)	16340	3.2V	Usable	√
Rechargeable Battery (LiFePO ₄)	18650	3.2V	Banned	×

Note: 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. We recommend using Fenix ARB-L2 18650 batteries.

Technical Parameters

	General Mode					Warning Mode
	Instant Burst	Turbo	High	Mid	Low	Flashing Mode
Output	1800lumens	1200lumens	500lumens	200 lumens	100 lumens	200 lumens
Runtime		1h50min	5h	11h	20h	
Max Distance	170m					
Water Resistant	IPX-6					
Weight	Headlight: 161g (excluding batteries and handlebar mount)					
Max Input Voltage	12.8V					
Dimensions	Headlight: 126.7mm (Length) ×50mm (Width) ×31.8mm (Height)					

Notice: The above-mentioned parameters (lab tested by Fenix using ARB-L2 18650 batteries) are approximate and may vary between the bike lights, batteries and environments.

Operation

1. Turn the BC30 on and off by simply pressing and holding the power button for two seconds.
2. With the bike light on, cycle through the brightness levels in the order of Turbo→ Low →Medium→High by a single press on the headlight power button.
To activate the warning mode, double press the headlight power button, with a single press needed to return the BC30 to general mode.
3. Instant Burst activation: to activate the highest brightness level with the remaining battery power, press and hold the remote switch even if the bike light is off. Releasing the switch returns the BC30 to the previous level. If the current level is the brightest possible when the light is on, the remote switch activates the next level down until released.

Note:

1. As with any performance light, the BC30 builds up heat when run in Turbo for an extended period. Intelligent circuitry in the BC30 downshifts the light to High to guard against overheating.
2. The BC30 retains the last brightness level used (not flashing) even after batteries are changed.
3. When shifting from Turbo to Low, the BC30 dims to allow the rider's eyes to adjust to conditions.
4. If available power won't allow operation on High, the BC30 cycles through Mid and Low brightness levels.

Mounting Instructions

Battery Replacement

1. Remove the battery case from the light's body by twisting the clip at the end of the battery case, rotating it 90 degrees to the left before pulling it out.
2. Insert batteries, observing the correct polarity (direction of + and – ends).
3. Insert the battery case into the light's body. Securely fasten the battery case by twisting the locking collar at the end of the battery case, rotating it 90 degrees to the right and fastening the clip.

BC30 Mounting inc. Remote Switch

1. Loosen the fine adjustment screw of the handlebar mount before clamping the mount to the bar by securely tightening the set screw.
2. Open the rubber seal under the bike light and plug the cable of the remote pressure switch into it.
3. Slide the headlight into the mount until an audible “click” is heard.
4. Attach the Remote Switch to your bars where it is easy to operate, using the Velcro strap provided.

Note:

1. Adjust the direction of the headlight before testing the BC30's power and functions.
2. Use shims provided to size the handlebar mount to the bike's bars.

Low-Power Warning Function

As battery power is utilized, the BC30's low-power indicator turns from green to red. Fresh batteries are needed to return to normal and extended operation even though the light will remain illuminated until all battery power is used.

Note:

When using four CR123A batteries as a back-up power supply, the low-power warning function is not a reliable indicator of power status.

Safety Tips

Important Notice:

1. BC30 is a high-intensity lighting device and capable of causing eye damage so avoid shining the light directly into the eyes.
2. Avoid touching the metal parts of the BC30 as LED lights accumulate heat when powered up.
3. Water resistant to IPX-6, BC30 can be used in humid conditions but is not rated for water immersion.
4. Please keep it out of the reach of children.
5. When not in use, take out the batteries to avoid battery leakage or damage to the bike light.
6. Please don't disassemble the sealed parts, as doing so can cause damage to the BC30 and will void the warranty.
7. Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare.

Night Riding Tips:

1. Never ride alone;
2. Always let someone know where you are;

3. Wear a helmet and reflective clothing;
4. Carry an auxiliary light and emergency supplies;
5. Make sure the headlight, handlebar mount and battery case are securely fastened.

Product Warranty

We will replace products afflicted with manufacturing defects within 15 days of purchase and repair a light free of charge within 24 months of purchase if problems develop with normal use; if repair is required after 24 months from the date of purchase, we will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

Product Registration

We kindly suggest that you register your product on the official website of Fenixlight Limited (www.fenixlight.com). You'll receive an extra six months of warranty coverage once you have successfully registered. By participating in an optional customer survey, you are entered in a drawing for free Fenix products.