Fenix BC20 Bike Light

The Fenix BC20 Bike Light employs four AA batteries to reach 400-lumen max output. Three brightness levels, Daylight and Flashing modes improve cycling safety in tandem with the exclusive Dual Distance Beam System. The quick-release mounting system is convenient and secure. Self-contained and with a remote Turbo pressure switch, the BC20 improves early and late riding visibility.

Features

Utilizes Cree XP-G2 R5 cool white LED, max 400 lumens output

Warning LED lights

Instant Turbo activation with the remote pressure switch

DUAL DISTANCE BEAM SYSTEM

3 brightness levels, plus daylight mode and flashing 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 BC20 Bike Light

2. Handlebar Mount for the BC20

3. Remote Pressure Switch

4. Handlebar Mount Shim (one thick and one thin)

5. One O-ring

6. User Manual, Warranty Card

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Ni-MH Battery	AA	1.2V	Recommended	√
Alkaline Battery	AA	1.5V	Usable	√
Non-rechargeable Battery (Lithium)	AA	1.5V	Usable	√
Rechargeable Battery (Li-ion)	14500	3.7V	Banned	×

Note: please do not use other types of batteries，misuse may lead to personal injury or cause damage to the bike light.

Technical Parameters

	General Mode	Warning Mode

	High	**Mid**	**Low**	**Daylight Mode**	**Flashing Mode**
Output	400lumens 180lumens	80lumens	\	180 lumens	
Runtime	2h20min	5h 30min	16h	\	
Max Distance	120m				
Water Resistant	IPX-6				
Weight	Headlight:125g (excluding batteries)				
Max Input Voltage	12.8V				
Dimensions	Headlight: 104.5mm (Length) ×62.6mm (Width) ×34.5mm (Height)				

Notice: The above-mentioned parameters (lab tested by Fenix using four 2500mAh Ni-MH batteries) are approximate and may vary between the bike lights, batteries and environments.

Operation

1. Turn the BC20 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 and modes in the order of Low→ Medium→ High→ Flashing Mode→ Daylight Mode by a single press on the headlight power button。
3. Instant Turbo 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 BC20 to the previous state. If the current level is the brightest when the light is on, the remote switch activates the next level down until released.

Note:

1. As with any performance light, the BC20 builds up heat when run in High for an extended period. Intelligent circuitry in the BC20 downshifts the light to Mid to guard against overheating.
2. The BC20 retains the last brightness level used even after batteries are changed.

Mounting Instructions

Battery Replacement

1. Unplug the headlight from the battery case by pushing the side buttons on the battery case and then pulling them outward.
2. Insert the batteries observing the correct polarity direction of + and –.
3. Insert the headlight into the battery case, the headlight and the battery case will be connected when a noticeable "click" is heard.

BC20 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 BC20's power and functions.

2. Use shims provided to size the handlebar mount to the bike's bar.

Safety Tips
Important Notice:
1. BC20 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 BC20 as LED lights accumulate heat when powered up.

3. Water resistant to IPX-6, BC20 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 BC20 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, bike 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.

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