







Fenix™ HL23 Headlamp

Rugged Aluminum housing and waterproof construction, the IP68 rated HL23 headlamp is ready for anything you can throw at it. Equipped with a powerful Cree XP-G2 LED, this single AA battery powered headlamp provides 150-lumen output with 55-meter beam distance. Featuring three brightness levels, HL23 is a great choice for your nighttime adventures.

Technical parameter

ANSI/NEMA FL1		High	Mid	Low
 OUTPUT		150 Lumens	50 Lumens	3 Lumens
 RUNTIME	Ni-MH Battery	1h20min	5h40min	100h
	Alkaline Battery	1h	4h25min	110h
 DISTANCE		55 m(Max)		
 INTENSITY		758cd(Max)		
 IMPACT RESISTANT		1m		
 WATERPROOF IPX-8 □underwater 2 meters□				
ACCESSORIES		One AA battery and spare O-ring		

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

- ◎ Uses Cree XP-G2 R5 LED with a lifespan of 50,000 hours
- ◎ Uses one AA (Ni-MH, Alkaline) battery
- ◎ 71mm (Length) × 38.9mm (Width) × 40mm (Height)
- ◎ 52 gram weight (excluding battery)
- ◎ Digitally regulated output maintains constant brightness
- ◎ 60 degree tilt mechanism

- ⊙ Fast, convenient all-in-one button switch
- ⊙ Reverse polarity protection guards against improper battery installation
- ⊙ Made from durable aluminum alloy and plastic
- ⊙ Premium Type III hard-anodized anti-abrasive finish
- ⊙ Toughened ultra-clear glass lens with anti-reflective coating

Operation

ON/OFF

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

Output selection

Press the switch to cycle through three brightness levels in the order of High>Low>Mid when the light is turned on.

Battery Specifications

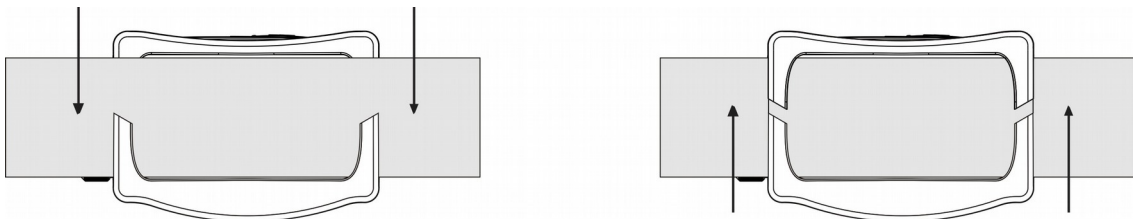
Type	Dimensions	Nominal Voltage	Usability	□
Ni-MH Battery	AA	1.2V	Recommended	√
Alkaline Battery	AA	1.5V	Usable	√
Non-Rechargeable Battery (Lithium)	AA	1.5V	Usable	√
Rechargeable Battery (Li-ion)	14500	3.7V	Banned	×

Warning: Do not mix batteries of different brands, size, capacity or type. Doing so may cause damage to the flashlight or the batteries being used.
Remove the batteries from the light for long-term storage to avoid electrolyte leakage.

Battery Replacement

Unscrew the tail cap to insert the batteries into the battery holder observing the correct polarity, then screw the tail cap back on.

Assemble the headlamp



1. [Attach the headband to the headlamp](#) as shown by first sliding the band down to the bottom of the slot, then hooking the top edge under the top slot.
2. Slide the buckle to adjust the length of the headband to fit your head size.

Usage and Maintenance

⊙Please don't disassemble the sealed head, as doing so can cause damage to the light and will void the warranty.

⊙Use only recommended high performance batteries with this high discharge light: A Ni-MH rechargeable cell is recommended as alkaline batteries will reduce the light's runtime.

⊙The O-ring may be worn out after using for a long time. If it happens, please replace the O-ring with a new one to keep the light properly sealed against water.

⊙Please clean the contacts of your light from time to time, especially if the light flickers or doesn't light up. There may be several reasons for a flickering or inoperative light:

Reason A: The battery needs replacing.

Solution: Replace the battery with positive (+) and negative (-) terminals properly aligned.

Reason B: The threads, PCB board contact or other contacts are dirty.

Solution: Clean the contact points with an alcohol soaked cotton swab.

If the above methods don't work, please contact the distributor and refer to the warranty policy.

Product Warranty

We will replace products 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 can get an extra six-month warranty period once you have successfully registered. By participating in an optional customer survey, you are entered in a drawing for free Fenix products.

Warning

HL23 is a high-intensity lighting device capable of causing eye damage. Avoid shining the light directly into the eyes.

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