(ENGLISH)Fenix HM62-T Headlamp

Technical Parameters

ANSI/PLATO FL1	WHITE LIGHT				RED LIGHT	
	Turbo	High	Med	Low	Constant-on	Flash
☀ OUTPUT	1200 lumens	400 lumens	130 lumens	5 lumens	5 lumens	5 lumens
🕐 RUNTIME	4 hours*	12 hours	23 hours 40 minutes	280 hours	60 hours	120 hours
◀ DISTANCE	150 meters	80 meters	45 meters	8 meters	8 meters	/
◎ INTENSITY	5590 candela	1317 candela	509 candela	15 candela	15 candela	/
✓ IMPACT RESISTANCE	2 meters					
〰 SUBMERSIBLE	IP68					

Note: According to the ANSI/PLATO FL1 standard, the above specifications are from the results produced by Fenix through its laboratory testing using the included Fenix ARB-L18-3400U V2.0 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.
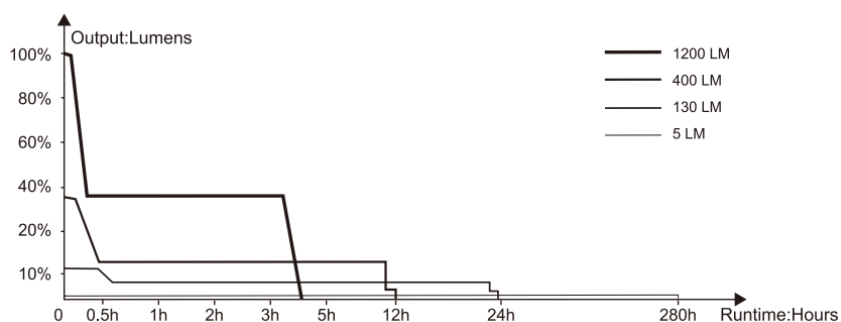
Warning

◎Do place this headlamp out of the reach of children!

◎Do NOT shine the headlamp directly into the eyes of anyone!

◎Do NOT place the headlamp near flammable objects, high temperatures can cause objects to overheat and become flammable/ignite!

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

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

◎Turn off and lock the lamp or take out the battery to prevent accidental activation during storage or transportation.

◎The LEDs of this headlamp are not replaceable; so the whole headlamp will need to be replaced when one of the LEDs reaches the end of its lifespan.

Product Features

◎1200 lumens maximum output and 150 meters maximum beam distance.

◎Fitted with one Luminus SST40 white light LED and two 2835 red light LEDs; with a life span of 50,000 hours each.

◎White and red light sources assist various lighting needs in different outdoor scenarios.

◎Quality magnesium alloy material manufactured lamp body, lightweight and durable.

◎Included is one rechargeable 3400mAh battery that has a built-in USB Type-C charging port.

◎Simple operation with a large side switch.

◎Single-handed operation with the 26 mm width two-way adjustable headband.

◎An emergency whistle is attached to the headband to ensure users' safety.

◎Electronic lockout avoids accidental activation.

◎IP68-rated protection and 2 meters impact resistance.

◎Size: 3.22'' × 1.19'' × 1.02''/81.8 × 30.2 × 26 mm.

◎Weight: 4.41 oz/125 g (including battery).

Operating Instructions

On/off

Press and hold the switch for 0.5 seconds or double click the switch to turn on the lamp.

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

Mode switching

With the lamp switched off, press and hold the switch for 0.5 seconds to turn on the lamp and enter the white light mode.

With the lamp switched off, quickly double click the button to enter red light mode.

Output selection

White light mode: single click the switch to cycle through Low→Med→High→Turbo.

Red light mode: single click the switch to cycle through Constant-on→Flash.

Lockout Function

Lock: with the lamp switched off, press and hold the switch for 3 seconds, the lamp will blink 4 times on the Low output of white light mode to indicate locked status.

Unlock: with the lamp locked, press and hold the switch for 3 seconds, the lamp will be activated on the Low output of white light mode.

In locked status, clicking or pressing the switches will activate 4 blinks on the Low output of white light mode to indicate locked status.

Battery Specifications

Type	Dimensions	Nominal voltage	Usability	
Fenix ARB-L18 Series	18650	3.6 V	Recommended	√√
Fenix ARB-L16 Series	16340	3.6 V	Usable	√
Non-rechargeable Battery (Li-ion)	CR123A	3.0 V	Usable	√
Rechargeable Battery (Li-ion)	18650	3.6 V	Caution*	!

*18650 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. Quality Li-ion battery with protective circuit will reduce risks.

Battery Replacement

Unscrew the battery cover counterclockwise to insert the battery in accordance with the polarity marks, then screw the battery cover back on.

Charging

1. Turn off the light and unscrew the battery cover counterclockwise to take out the battery, then connect the USB Type-C end of the charging cable to the battery.

2. The indicator of the battery will display red while charging, and will turn blue when fully charged.

3. Once charging is completed, be sure to unplug the charging cable and insert the battery in accordance with the polarity marks, then screw the battery cover back on.

Battery Level Indication

With the light switched off, single click the side switch to check the battery status, the indicator in the switch will last for 3 seconds. Each time the light is turned on, the indicator will show the current

battery level and will last for 3 seconds.

Green light on: 100% - 80%

Green light flashes: 80% - 50%

Red light on: 50% - 20%

Red light flashes: 20% - 1%

*Note: This only works with a Fenix ARB-L18 Series battery.

Intelligent Overheat Protection

The lamp will accumulate a lot of heat when used at high output levels for extended periods. When the lamp reaches a temperature of 50°C/122°F or above, it will automatically step down a few lumens to reduce the temperature. When the temperature drops below 50°C/122°F, the lamp will gradually recall the preset output level.

Low-voltage Warning

When the voltage level drops below the preset level, the headlamp is programmed to downshift to a lower brightness level until Low output is reached. When this happens in Low output, the lamp blinks 3 times every 5 minutes on the Low output of white light mode to remind users to recharge or replace the battery.

*Note: This only works with a Fenix ARB-L18 Series battery.

Headband Assembly

Notice: The headband is factory assembled by default.

Rotate the dial clockwise to tighten the headband, and rotate the dial counterclockwise to loosen the headband.

When the headband hits its maximum length, keep rotating the dial and the operation direction will reverse.

Usage and Maintenance

◎Disassembling the sealed body can cause damage to the lamp and will void the warranty.

◎Fenix recommends using an excellent quality Fenix battery.

◎If the lamp will not be used for an extended period, remove the battery, or the lamp could be damaged by electrolyte leakage.

◎Lock the lamp 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: The lamp is locked.

Solution: Press and hold the switch for 3 seconds to unlock the lamp.

B: Poor battery level.

Solution: Recharge or replace the battery (Ensure battery is inserted according to the manufacturer's specifications).

C: 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 the distributor.

Included

Fenix HM62-T headlamp, ARB-L18-3400U V2.0 battery, Spare O-ring, USB Type-C charging cable, User manual, Warranty card