FENIX
LIGHTING FOR EXTREMES

HM65R
DUAL LIGHTING SOURCES RELIABLE MAGNESIUM HEADLAMP

☀	**MAX 1400 LUMENS**
⏱	**MAX 280 HOURS**
◈	**SPOT- AND FLOODLIGHTS**

③ Battery level indication

Floodlight   Spotlight

② Charging

④ Battery Replacement

⑤ Headband assembly

Low ← High — Single click — Med (On/Off ← Press and hold 0.5 seconds ①)

Press and hold 0.5 seconds → On/Off — Turbo / Low / High / Med — Single click

Simultaneously press the two switches → Unlock

Press and hold either of the two switches, or simultaneously press the two switches → Lock

Output:Lumens

1500LM
1000LM
500LM
200LM
100LM
10LM

1h 2h 4h 10h 20h 90h 280h   Runtime:hour

SPOTLIGHT
— TURBO
— HIGH
— MED
— LOW

(English)Fenix HM65R Headlamp

◎ Spot and floodlight for various lighting demands.
◎ Cree white and neutral white LED, with a lifespan of 50,000 hours.
◎ Powered by one 18650 rechargeable Li-ion battery or two 3V/CR123A batteries
◎ Constant current circuit guarantees longer runtime
◎ Dual top switches for easy and fast operation
◎ Type-C charging, 1.5 A large current
◎ Quality aluminum, magnesium and PC material, lightweight and durable
◎ Toughened ultra-clear glass lens with an anti-reflective coating
◎ 3.17" x 2.17" x 1.57" (80.5 x 55x40 mm)
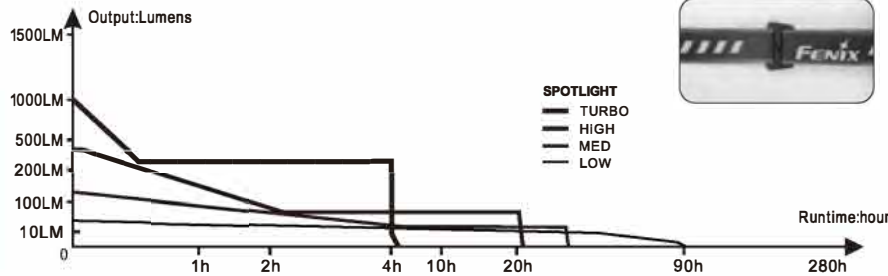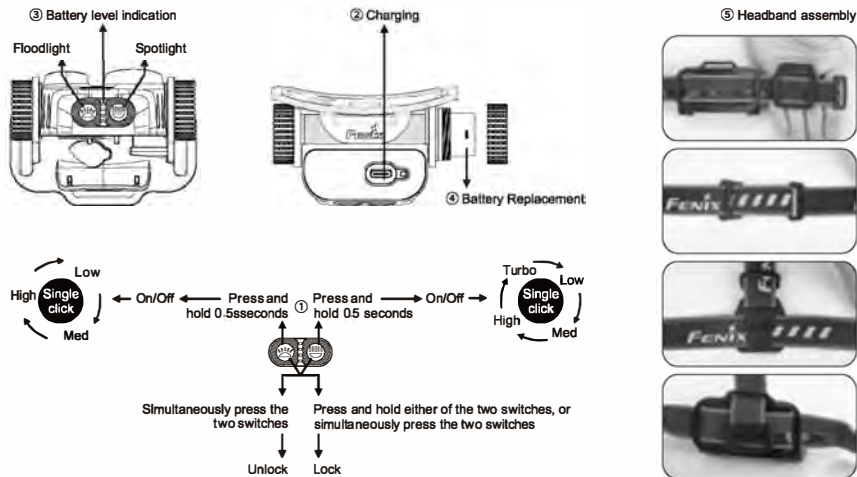◎ 3.42 oz/ 97 grams (excluding battery)

Operating Instruction ①

Switches
Spotlight: for on/off, mode switching, lockout function and output selection on spotlight mode.
Floodlight: for on/off, mode switching, lockout function and output selection on floodlight mode.

On/off
Press and hold either of the two switches for 0.5 seconds to turn on/off the lamp. Med output level is set by default for first use. Afterwards, the light memorizes the last selected output, when turned on again the previously used output will be recalled.

Mode switching
Press and hold either of the two switches for 0.5 seconds to reach the corresponding mode.

Output selection
Spotlight mode: For the first use, single click the spotlight switch to cycle through Med→High→Turbo→Low. Afterwards, the light memorizes the last selected output.
Floodlight mode: For the first use, single click the floodlight switch to cycle through Med→High→Low. Afterwards, the light memorizes the last selected output.

Lockout Function
Lock: With the lamp switched off, press and hold either of the two switches, or simultaneously press the two switches for 3 seconds, the lamp will blink 4 times on Low of floodlight mode to indicate locked status.
Unlock: With the lamp is locked, simultaneously press the two switches for 3 seconds, the lamp will be activated with 4 one-second blinks and activates on Low of floodlight mode.
In locked status, clicking or pressing the switches will activate 4 one-second blinks to indicate locked status.

Specifications

ANSI/PLATO FL1	SPOTLIGHT MODE				FLOODLIGHT MODE		
	TURBO	**HIGH**	**MED**	**LOW**	**HIGH**	**MED**	**LOW**
☀ OUTPUT	1000 lumens	400 lumens	130 lumens	50 lumens	400 lumens	130 lumens	8 lumens
⏱ RUNTIME	4 hours	22 hours	42 hours	90 hours	20 hours	48 hours	280 hours
⇥ DISTANCE	163 meters	101 meters	57 meters	37 meters	55 meters	30 meters	6 meters
◈ INTENSITY	6,677 candelas	2,600 candelas	833 candelas	350 candelas	762 candelas	220 candelas	9 candelas
🗲 IMPACT RESISTANCE	2 meters						
💧 WATERPROOF	IP68, 2 meters underwater						

⚠ Test condition: Uses one Fenix ARB-L18-3400 rechargeable Li-ion battery at a temperature of 21±3°C with the humidity between 50% - 80%.
*The runtime of turbo is the cumulative time when overheat protection active.

Charging ②

Operation
1. Uncover the anti-dust cap and plug the USB Type-C side of the charging cable into the charging port of the lamp.
2. The normal charging time of the Fenix ARB-L18-3400 rechargeable Li-ion battery is about 3 hours with the lamp being switched off. When charging, Med output of spotlight or floodlight mode can be separately selected. The light will not automatically power on after full charging.
3. In charging process, one indicator flashes: below 20%, one constant-on and one flashes:21%-50%, two constant-on and one flashes: 51%-80%, three constant-on and one flashes: 81% - 95%, four constant-on: charging complete.
4. Replace the anti-dust cap to ensure waterproof and dustproof ability.

Battery Level Indication ③

With the lamp switched off, single click either switch to check the battery status, single click once again the lamp will go out immediately, or without any operation the status will last for 3 seconds. There will be no response with the lamp locked.
Four lights on: 100% - 81%
Three lights on: 80% - 61%
Two lights on: 80% - 41%
One light on: 40% - 21%
One light flashes: 20% -0%

Battery Replacement ④

Unscrew the battery cover anticlockwise to insert the battery with the anode side (+) towards the , then screw the battery cover back on.

Low Voltage Warning

When the battery level is detected critical for currently used output, one of the indicator will flash to remind. Replace the battery or recharge the lamp as soon as possible.

Battery Specifications

Type	Dimensions	Nominal voltage	Usability		
Fenix ARB-L18 Series	18650	3.6 V	Recommended	√√	
Non-rechargeable Battery(Li-ion)	CR123A	3V	Usable	√	
Rechargeable Battery (Li-ion)	16340	3.6 V /3.7 V	Banned	×	
Rechargeable Battery (Li-ion)	18650	3.6 V /3.7 V	Caution*	!	
Rechargeable Battery (LiFePO4)	16340	3.2V	Banned	×	
Rechargeable Battery (LiFePO4)	18650	3.2V	Banned	×	

*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 to 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. Fenix ARB-L16 Series battery is recommended.

Headband Assembly ⑤

Notice: The headband is factory assembled by default.
1. Attach the headband to the headlamp as shown (Pic 1), by first sliding the band down to the bottom of the slots. Then hook the top edge under the top slot.
2. Adjust the headband by sliding the buckle to required length.
3. Assemble top headband to better fix the headlamp. First fix the headband mount to the headband, then fix one side of the top headband to the headlamp holder, and the other end to the top headband mount.

Usage and Maintenance

◎ Disassembling the sealed head can cause damage to the lamp and will void the warranty.
◎ Fenix recommends using an excellent quality Fenix 18650 battery.
◎ If the lamp will not be used for an extended period, remove the battery, or the lamp could be damaged by electrolyte leakage.
◎ Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare.
◎ 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 battery needs replacing.
Solution: Replace battery (Ensure battery is inserted according to the manufacturer's specifications).
B: 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

HM65R Headlamp, ARB-L18-3400 rechargeable Li-ion battery, Headband, Top headband, Headband mount, Spare O-ring, Charging cable, User manual, Warranty card

⚠ Warning

The headlamp is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the lamp directly into anyone's eyes.