



## User Manual



# H30 R+CRI

## 4000 Lumens

Multi-output Rechargeable Headlamp

### Features

- Utilizes 1x CREE XHP70.2 LED to emit maximum output of 4,000 lumens
- With 1x CREE XPE2-R2 630nm LED as an auxiliary Red light and a 1x Nichia 219C LED as an auxiliary CRI890 light
- Suits multiple scenarios with a USB-C charging port-3 times faster than regular USB
- Powered by 1x 21700 5100mAh rechargeable Li-ion battery (Included), 1x 18650 battery compatibility
- Highly efficient constant current circuit (Non-PWM), Max runtime 200 hours
- 6 brightness levels option and Red SOS special mode
- Lock function to prevent accidental activation
- All circuitry contact points are gold-plated, providing better conductivity and superior durability
- Built-in intelligent temperature controller is used and adjusted brightness according to work status and temperature
- Comfortable chafe-free and breathable nylon headband with the silicone sweat diverging strip, while preventing sliding of the headband
- Two way USB-C cable capable of charging phones, tablets and more as power bank
- Low-voltage warning reminds when battery charging is needed
- Toughened ultra-clear glass lens with anti-reflective coating
- Integrated Precision Digital Optics Technology provides extreme reflector performance
- Made of durable aerospace-grade aluminum alloy
- Premium type III hard-anodized anti-abrasive finish
- IPX68 waterproof (2 meters submersible), Impact resistance to 1 meter

### Accessories

1x ACEBEAM 21700 5100mAh battery; 1x USB-C cable with two-way USB connection; 1x 18650 battery adaptor; 1x Headband with silicone holder; 2x O-rings; 1x User manual; 1x Battery warning card; 1x Warranty card

### Specifications

Size: 89.4mm (Length) x 40.8mm (Head dia.) x 29mm (Body dia.)  
Weight: 80g (without battery)

### Technical Parameter

FL STANDARD	Turbo-Max	Turbo	High	Med	Low	Ultra-Low	SOS	Red	CRI	ELTPOUR
	4000 lumens	2200 lumens	1100 lumens	380 lumens	120 lumens	3 lumens	50 lumens	50 lumens	120 lumens	
	2h	2h 15min	3h	7h 30min	23h 30min	200h	72h	10h	11h	
	171m	118m	89m	54m	40m	5m	15m	21m		
	7,300cd	3,500cd	2,000cd	740cd	410cd	6cd	60cd	110cd		

Notice: The above-mentioned parameters (tested with 1x ACEBEAM 21700 5100mAh battery) are approximate and may vary from flashlights, batteries, and environments.

### Operation Instruction

#### Square Switch:

**Single click:** Single click once to turn ON the light and goes to the memorized mode, single click once again to turn OFF the light.

**Double click:** Every double click to change the modes between Turbo-Max and the memorized mode.

**Triple click:** Triple click goes to Red SOS.

**Long press:** When the light is OFF, long press for 2 seconds goes to Ultra-Low.

#### Round Switch:

**Single click:** When the light is ON, every single click to change the mode from Low → Medium → High → Turbo ;

**Long press:** When the light is ON, long press to change the mode between Color (Red/CRI) light and White light;

When the light is at the Color light, every single click to change from Red light and CRI light.

**Lock & Unlock:** When the light is OFF, long press Square Switch for 6 seconds goes to the Ultra-Low mode with 3 times flashes, loose the switch, the light is Locked ;

When the light is Locked, long press Square Switch for 6 seconds for the Ultra-Low mode with 3 times flashes, the light is Unlocked.

**Turbo-Max, Ultra-Low and SOS can not be memorized.**

**Low Battery Warning:** when the light flashes three times in every five seconds, that means the battery needs to be changed or charged.

**Charging:** Loosen the "TYPE-C" marked tail cap, and charge the battery by the equipped USB-C charging cable.

### Warning

1. H30 is a high intensity lighting device and is capable of causing eye damage. Avoid shining the light directly into the eyes to humans or animals.

2. Applications must be treated with caution and handled with care.

3. Quality batteries with circuit protection will reduce the potential risk.

4. When the H30 is stored in a backpack or unused for extended period, it is suggested to loosen the tube to cut off the power entirely to prevent the accidental activation of the headlamp.

### Usage and Maintenance

• Do not disassemble the sealed head as doing so may cause damage to the headlamp and will void the warranty.

• High-power headlamps need batteries capable of high current output. We strongly recommend using Acebeam approved batteries for best performance and safety.

• Remove the battery from the headlamp if you will not be using the light for an extended period.

• Replace the O-rings if they become stretched or damaged. Regularly lubricate the O-rings.

• Clean the contacts of your light periodically.

There may be several reasons for a flickering or malfunctioning light.

**Reason 1:** The batteries need to be recharged or replaced.

**Solution:** Recharge or replace batteries.

**Reason 2:** The PCB board contact or battery contacts are dirty.

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

If the above methods do not solve the issue, please contact your distributor and refer to the warranty policy.

### Product Warranty

Acebeam guarantees the flashlight against defects in material and workmanship. Flashlight products that are found to be defective under normal use within 5 years of the period of purchase date will be repaired or replaced without charge. This warranty does not cover damage caused by accident, unreasonable use or product alteration. Failure to follow the general maintenance directions could result in damage to your flashlight that may not be covered by Acebeam warranty. Should this flashlight be proved defective, the product will be repaired or replaced under the above terms. Please contact Acebeam or your original Acebeam dealer for warranty return instructions.

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