

ACEBEAM[®]
— Light Where You Want It —

User Manual



H30

4000 Lumens

Triple LED Rechargeable Headlamp

Features

- Utilizes a CREE XHP 70.2 LED to emit a maximum output of 4000 lumens
- **Auxiliary LED options:**
 - option1:** With a CREE XPE2-R2 630nm LED as an auxiliary **Red** light and a CREE XPE2-G3 530nm LED as an auxiliary **Green** light
 - option2:** With a CREE XPE2-R2 630nm LED as an auxiliary **Red** light and a Nichia 219C LED as an auxiliary **CR** ≥90 light
 - option3:** With a CREE XPE2-R2 630nm LED as an auxiliary **Red** light and a Nichia 276A 365nm LED as an auxiliary **UV** light
- Suits multiple scenarios with a USB-C charging port 3 times faster than regular USB
- Powered by 1 x 21700 5100mAh rechargeable Li-ion battery (Included), 1 x 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

FLI STANDARD	Main Light									Auxiliary LED		
	Turbo-Max	Turbo	High	Med	Low	Ultra-Low	SOS	Red	Green	CR	UV	
	4000 lumens	2200 lumens	1100 lumens	380 lumens	120 lumens	3 lumens	50 lumens	50 lumens	70 lumens	120 lumens	1.6 W	
	2h	2h 15min	3h	7h 30min	23h 30min	200h	72h	10h	11h	11h	7h 30min	
	171m	118m	89m	54m	40m	5m	/	15m	17m	21m	5m	
	7,300cd	3,500cd	2,000cd	740cd	410cd	6cd	/	60cd	70cd	110cd	7cd	



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

The Turbo output is measured in total of runtime including output at step-down levels due to temperature regulation or protection mechanism.

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 modes from Low → Medium → High → Turbo;

Long press: When the light is ON, long press to change the modes between main light and auxiliary light group;

R+G Version When the light has entered the auxiliary light group, every single click to change between **Red** light and **Green** light.

R+UV Version When the light has entered the auxiliary light group, every single click to change from **Red** light and **UV** light.

R+CRI Version When the light has entered the auxiliary light group, 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-voltage 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. By using this device, you certify you have read the included User Manual and Warning Card and release the manufacturer and retailers from all liabilities.
2. Please use in accordance with applicable laws and regulations.
3. Quality batteries with circuit protection will reduce the potential risk.
4. Do not aim this light directly at eyes or exposed skin to prevent injuries. Keep this flashlight out of the reach of children.

Usage and Maintenance

1. Unauthorized disassembly may damage the light and void the warranty.
2. This is normal case the light will accumulate a lot of heat when used on Turbo/ Turbo- Max output levels for extended periods. When the lamp reaches a temperature of 65°C or above, the lamp will automatically step down a few lumens to reduce the temperature. When the temperature drops below 65°C, it will then allow the user for the reselection of the modes.
3. Lubricate the threads with professional grade lubricant regularly.
4. Please swap out the O-rings regularly to maintain the water resistance level.
5. Maintain and keep clean any contact surfaces of the flashlight with alcohol swab. This may prevent irregular flashes during use.
6. Remove batteries during storage. Keep lithium-ion batteries charges approximately every 4 months.
7. This flashlight may not be used as diving light.

Product Warranty

1. If the customer experiences any problems with an Acebeam product within 15 days of purchase, the dealer will replace that product.
2. If an Acebeam flashlight falls during normal use within a period of five years (60 months) of purchase, the dealer will repair or replace the flashlight with the same or similar model.
3. ACEBEAM Batteries, accessories and lanterns with built-in batteries are warranted for a period of one year (12 months) from date of purchase.
4. Warranty one year (12 months) for magnetic charging products.
5. The warranty does not cover damage or failure caused by:
 - A. Rough usage or operation which does not comply with the user manual or product specifications.
 - B. Unauthorized disassembly, repair or modification. Defects or damaged caused by factors out of Acebeam's control.
 - C. Battery leakage damaged products.
6. If there are any questions about ACEBEAM products, please consider the warranty and contact Acebeam or your original Acebeam dealer for warranty return instructions.
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