



## User Manual



# H60

**Eyevision Healthy Headlamp**

### Features

- High Color Rendering Index (CRI>97) eyevision healthy headlamp
- Real full spectrum, can accurately revealing every subtle and color of an object like under natural light
- IEC62471 Exemption certification, zero blue ray damage(RGD), and extremely low violet light energy
- Can reduce eye fatigue and improves overall visual comfort
- Utilizes 8 SUNLIKE LEDs and 1 Osram LED
- Power by one 18650 battery(excluded), recommend to use Acebeam ARC18650H-310A battery, which ensures the long runtime.
- Three LED modes can be toggled (All-on, Sunlike-on or Osram-on)
- Can be used as a mini flashlight
- TIR (Total Internal Reflection) optic facilitates efficient light transmission with a broad beam and a generous throw.
- Sweat-channeling, reflective headband
- Highly integrated single switch for all easy operation
- Aircraft grade aluminum body structure
- Reverse polarity protection to guard against improper battery insertion
- Intelligent highly efficient constant circuit runs for maximum 888 hours
- Intelligent temperature controlled light output for user safety

### Specifications

Size: 83mm(length)x 32,2mm(head diameter)x 26mm(tube diameter)

Weight: 57g without battery

### Accessories

1x USB-C charging cable; 1x Headband with silicone holder; 2x O-rings; 1x User manual; 1x Battery warning card; 1x Warranty card

### Technical Parameter

	FL1 STANDARD	Turbo	High	Mid	Low	Ultra-Low	SOS
ALL-ON		1250 lumens	500 lumens	180 lumens	40 lumens	3 lumens	1250 lumens
		2h 45min	3h	4h 15min	20h	11days	3h
		150m	99m	64m	40m		
		5,625cd	2,450cd	1,024cd	400cd		
SUNLIKE LED		680 lumens	280 lumens	90 lumens	20 lumens	2 lumens	
		3h 15min	1h 30min	9h	40h	14days	
		120m	76m				
		3,600cd	1,444cd				
OSRAM		570 lumens	220 lumens	90 lumens	20 lumens	1 lumen	
		3h 30min	3h 45min	9h	40h	37days	
		150m	99m	64m	40m		
		5,625cd	2,450cd	1,024cd	400cd		



Notice: The above-mentioned parameters (tested with 1x ACEBEAM 18650 3100mAh 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

**ON/OFF:** Single click the switch

**Mode Selection:** Single click and hold the switch quickly to cycle from ALL-ON→SUNLIKE-ON→OSRAM-ON modes, regardless the flashlight is on or off.

**Output Selection:** When the flashlight is ON, press and hold the switch to cycle from Low→Mid→High, loosen the switch at your selected output. Next ON will memorize the last output and last mode you selected.

**Turbo:** Double click the switch to access Turbo output. Next double click will be cycle between Turbo and memorized output.

**SOS:** Triple click to access SOS regardless the flashlight is ON or OFF.

**Ultra-Low:** When the flashlight is OFF, press and hold the switch for 0.5 second goes to Ultra-Low. **Lock**

When the flashlight is OFF, press and hold the switch for 5 seconds, the flashlight will be Locked after 3 times flashes. It is useless for switch operation.

### Unlock

When the flashlight is Locked, press and hold the switch for 5 seconds, the flashlight will be Unlocked and light at Low output.

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

### Low-Voltage Warning

When the flashlight flashes three times every five seconds, the battery is low, please replace the battery, or charge it in time.

### Warning

1. H60 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. When the H60 is stored in a backpack or unused for extended period, it is suggested to loosen the cap to cut off the power entirely to prevent the accidental activation of the flashlight.

### Usage and Maintenance

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

• Remove the battery from the flashlight 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 battery need to be recharged or replaced.

**Solution:** Recharge or replace battery

**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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