

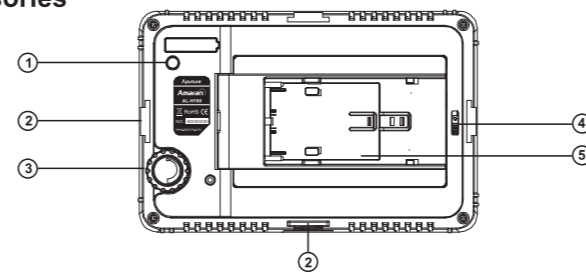
## Description

Thank you for purchasing Aputure "Amaran" LED video light AL-H160. It inherits the advantages of previous video light while adding exciting new features. Uses high Ra up to 95 advanced LEDs to create excellent performance, offering stably abundant brightness output, stepless brightness control, battery power indicator and expandable for maximum brightness as need. It also supports various lithium batteries. Shoot amazing images or videos with Amaran lights in ease.

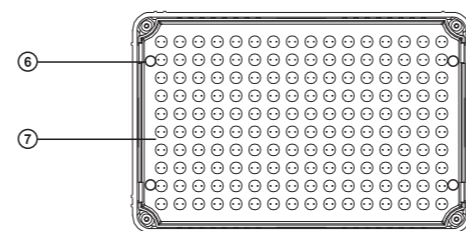
## Main Features

1. Uses high color rendering index LEDs (CRI≥95Ra)
2. Stepless brightness control
3. Battery power indicator
4. Expandable up to 9 LED panels
5. Multiple battery options
6. 16:9 widescreen design
7. Low power consumption, eco-friendly & power saving
8. Include diffusing filter and orange warming filter

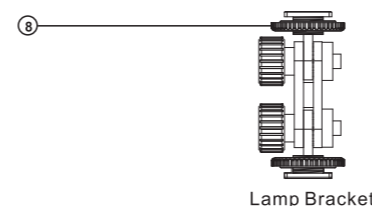
## Accessories



Back of LED light

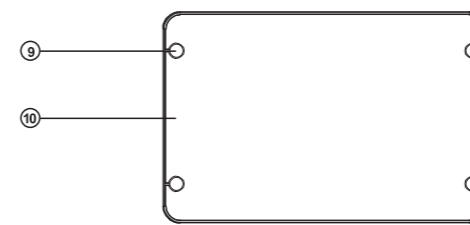


Front of LED light



Lamp Bracket

- ① Test Button
- ② Extension Slot
- ③ Brightness Adjustment Wheel
- ④ Battery Latch
- ⑤ Lithium Battery Slot
- ⑥ Filter Column
- ⑦ LED Bulb
- ⑧ Locking Knob
- ⑨ Filter Slot
- ⑩ Filter (white, orange)
- ⑪ Extension Attachment



Filter

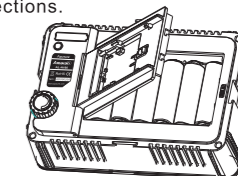


Extension Attachment

## Battery Installation

### AA Battery Installation

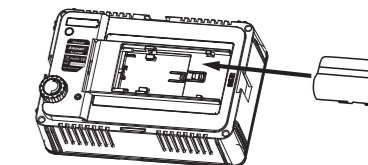
Insert six AA batteries into the battery holder by following the diagram's directions.



Tips: When installing batteries, please notice the Positive and Negative icon. We suggest use rechargeable AA batteries.

### Lithium Battery Installation

Insert lithium batteries by following the diagram's directions, then push the battery holder to the left.



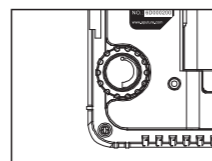
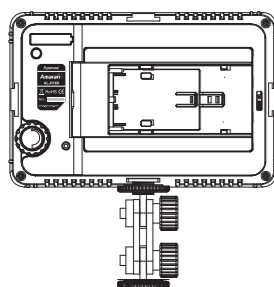
Tips: Usable lithium batteries include Sony NP-F series: NP-F550/F570/F770/F960/F970; NP-FM/QM series: FM50/FM51/FM55H/FM500H/QM50/QM51/QM71D/QM91D; NP-FP/FH/FV series: NP-FP50/FP60/FP70/FP90/FH50/FH60/FH70/FH90/FH100/FV50/FV60/FV70/FV100.

⚠ Please do not mix lithium battery with AA batteries to avoid serious injury or damage from exploding, leaking or cause firing and even death.

## Installation and Removal

### Installation

Please fix the hot-shoe head of Lamp Bracket to the Extension Slot of LED's bottom, and turn the Locking Knob to the right.

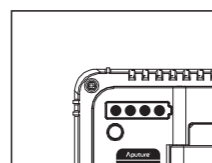


### 2. Battery Power Test

There are four indicators on the back of the LED. Remember to turn off the LED light when pressing the test button.

The following test is based on AA batteries.

If all indicators lights are on, battery power is full; if three indicators are on, battery power is good; if two indicators are on, battery power is poor, and you should consider replacing the battery; when one indicator is on, battery power is nearly empty, and batteries should be replaced immediately.

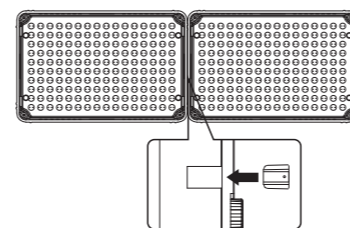


Tips: When using lithium batteries, full power is indicated by two or three indicator lights (because of the lower voltage compared to 6 AA batteries)

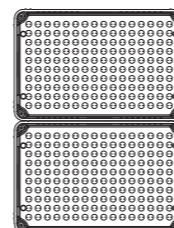
## 3. Multiple Light Combinations

There are 4 Extension Slots on the four sides of Aputure Amaran LED video light, the user could combine the lights together to achieve some effect.

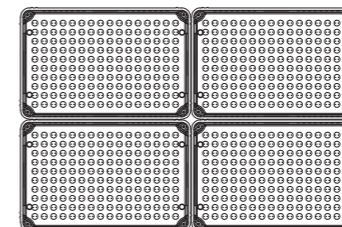
### 3.1 Horizontal Extension



### 3.2 Vertical Extension



### 3.3 Vertical and Horizontal Extension



Tips: The horizontal or vertical extension is limited to three by three (3x3) squares. Overloading may affect stability and compromise your LED lights safety.

## Specifications

Operating Current	< 1.5A	Power	< 13W
Supply Power	DC 5.5V - 9.5V	Cooling Mode	Natural Ventilation
CRI	> 95 Ra	Color Temperature(K)	5500K
Beam Angle	60°	Net Weight	325g
Volume(L*W*H mm)	151x56x100		

### Brightness

Distance	Footcandles	LUX
0.5M	265	2860
1M	69	750
2M	19	210

## Notes

1. Please do not directly face the LED when the lights are on.
2. Never block the ventilation grille by covering it with paper or clothes.
3. Do not place the LED light near alcohol or other flammable objects.
4. Do not place any objects or liquids on the LED light.
5. When the LED light is on or against the other items above, please turn it off, lest they cause fire or damage to the light.
6. Do not grab the LED light head to pick up your camera, when they are attached.
7. Use a dry soft cloth to clean the LED light. You can clean the device with a cloth slightly some neutral detergent to remove the dirt. Do not use strong cleaning agents, such as thinner, gasoline or alcohol.

## Safety Precautions

1. To prevent fire or electric shock, please keep the device away from rain or humidity.
2. Should you notice smoke or an unusual temperature coming from the equipment, cut off the power and stop using it. Take the device to an authorized service center for inspection.
3. Do not disassemble the device by yourself. In the event of malfunction, the product should be repaired only by a qualified technician or service center.
4. During storage and transportation, please turn the device off.
5. Please use the appropriate lithium battery for the device.
6. Keep the device out of reach of children.