GVM

GVM-SD80D

CONTENTS

IMPORTANT SAFETY INSTRUCTIONS

First and foremost: this product is professional lighting and staging equipment and should be used by a professional lighting technician or under the guidance of a professional. When using this product, you must always follow the cautions below:

1. Read the product manual carefully before use.
2. This product is only suitable to use in a temperature range of -10℃ to 40℃.
3. Do not place the equipment near flammable and volatile solvents such as alcohol and gasoline.
4. Before storing the device, make sure it has cooled down completely. When being stored, unplug the power cord from the device. The equipment should be stored in its carrying case or a well-ventilated and dry place.
5. This lighting fixture is not for general illumination and should not be used as such. Individuals with eye injuries or sensitivity should avoid using this lighting fixture.
6. This is a professional light and children are prohibited from using it. Parents or guardians must closely supervise children when they are near the equipment to prevent personal injury caused by colliding with or misusing the equipment.
7. Before using the equipment, please remove the protective cover.
8. When the lighting fixture is on, it is forbidden to stare directly at the light source under any circumstances. High-intensity lighting should only be used under the guidance of a professional lighting technician. Avoid staying in a high-intensity light environment for a long time. If feeling any discomfort, please immediately turn off the lighting fixture, and seek medical attention.
9. When the lighting fixture is on, use it carefully and avoid contacting high-temperature components such as LED light sources to prevent being burnt.
10. Do not use damaged equipment or accessories. Wait for a professional repairman to inspect and repair it before it is confirmed that the equipment can function normally.
11. If the light source is damaged or deformed due to heat, please stop using it and contact the manufacturer, service agents, or qualified repairman promptly to replace the light source to avoid accidents.
12. If the product is cracked due to falling, squeezing, or strong impact during use, please stop use it to avoid being electrically shocked by touching internal electronic components.
13. Do not disassemble the product by yourself. If the product malfunctions, it must be checked and repaired by the manufacturer or authorized repair personnel.
14. Before cleaning and maintenance, be sure to unplug the power supply. To unplug never pull on the cable but always pull the plug itself. This device shall only operate with earthed power outlets or emergency power generators.
15. When cleaning the device, do not wipe it with a wet cloth. Use a dry and soft cloth to wipe off the dirt.
16. If an extension cord is required, it needs to have the necessary capacity to power the respective unit. Using an extension cord with a lower current capacity than the devices need may cause overheating.

17. For some products with long power cords, please place the power cords properly and avoid contact with overheated surfaces that may damage or trip personnel. Please use the original power cords of our manufactory. The damage caused by using non-original power cords is not covered by our repair service.
18. Do not use product accessories that are not recommended by our brand to avoid fire, electric shock, or personal injury.
19. Some products use batteries for power supply. Do not use any batteries, power sources, or accessories that are not specified in the user manual. Please keep batteries and other accessories out of reach of children and infants. If a child or infant swallows a battery or accessory, seek medical attention immediately. If the battery leaks, changes color, deforms, smokes, or emits an odor, remove it immediately. Be careful not to get burned during the removal. Continued use of such batteries may cause a fire, electric shock, or skin burns. Do not use any deformed or modified batteries. Do not disassemble or modify this product or the battery. Do not heat the battery or solder it. Do not let the battery come into contact with fire or water, or subject it to strong external force. Do not insert the battery's positive and negative ends incorrectly, or mix and use old and new batteries or different types of batteries.
20. For some products with built-in lithium batteries, please use a dedicated charger for charging, and following the correct operating instructions within the prescribed voltage and temperature range.
21. The warranty last for one year. Consumables like batteries, adapters, power cords, and other accessories are not covered by the warranty.
22. The one-year warranty will be invalidated if the equipment is found to have been repaired privately. The related repair costs will be charged.
23. Equipment malfunctions caused by non-standard operations are not covered by the warranty.
24. The safety instructions are based on our factory's strict testing. If there are any changes in the equipment's design and specifications, we reserve the right not to notify you. Customers can visit our official website to check the latest digital version of the instructions and learn about the newest product information.

Keep these instructions!

⚠ WARNING:

⚠ High-power LED lights are strictly prohibited from being directly viewed or shining into other people's eyes.

⚠ Do not unplug the power cord or connecting wires while the light is on to avoid personal injury.

⚠ Do not cover the heat dissipation port when the lamp is in operation.

⚠ Keep children away from touching or using this light.

⚠ As professional lighting equipment, please make sure to operate it correctly according to the user manual.

PRODUCT INTRODUCTION

Thank you for purchasing our "GVM-SD80D". This product is specially designed for senior photographers. The product usage scenarios are suitable for live broadcast/outdoor/studio photography, etc., and can also be used for YouTube video shooting.

The main features of the product are:

1. Stepless adjustable Lighting Effects, Brightness/CCT can be controlled at will. The color temperature range is 2700K~7500K. There is a high color render index CRI97+ COB lamp bead in the light. It helps to restore and enrich the color of objects, providing you with natural and vivid shooting effects.

2. In App control mode, you can easily control the light by your IOS and Android intelligent mobile device. Meanwhile the light supports Bluetooth mesh networking, and can be controlled in groups with GVM brand devices that support mesh networking.

3. It has LCD display and a stable system, which supports multiple angels rotation and can effectively control light. It is also equipped with a standard lampshade. After installation, it makes the lighting become softer. Customized control fills the light, allowing you to easily and easily shoot the desired results.

4. Can simulate 12 kinds of scene lights: Lightning, CCT Loop, Candle, Bad Bulb, TV, Explosion, Paparazzi, Pulsing, Strobe, Fire, Fireworks, Welding. (Only APP controls have this feature)

5. Can simulate 12 kinds of source types lights: Tungsten, HMI 5600, HMI 6000, Studio Lamps, Sodium Lamp, Halogen, Arc Lamp, Candle, Sunset/Sunrise, Daylight, Overcast Sky, CFL Cool White. (Only APP controls have this feature)

We firmly believe that the correct use of this product will be of great help to your shooting work. It is strongly recommended that you read the following user guide carefully before using the product.

DISCLAIMERS

1. Before using this product, please read the text carefully to ensure that the correct operation of the product has been carried out. Failure to follow and not following the instructions and warnings in this document may cause harm to you and others around you, or even damage the product or other surrounding items.
2. By using this product, you are deemed to have carefully read the disclaimer and warning, understand and acknowledge all the terms and contents of this statement, and promise to take full responsibility for the use of this product and the possible consequences.
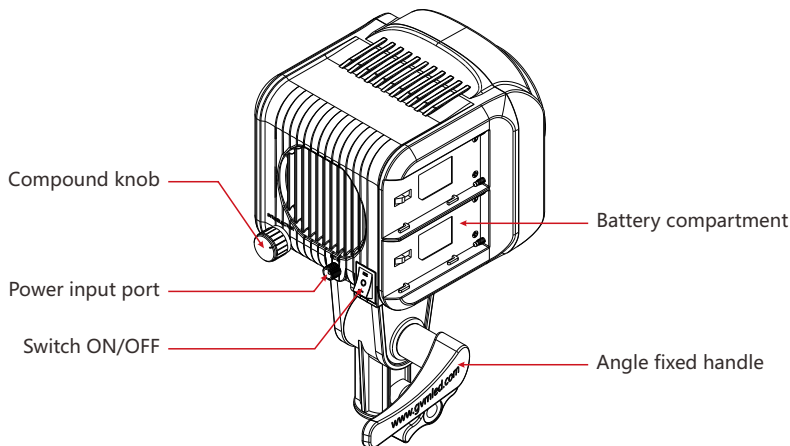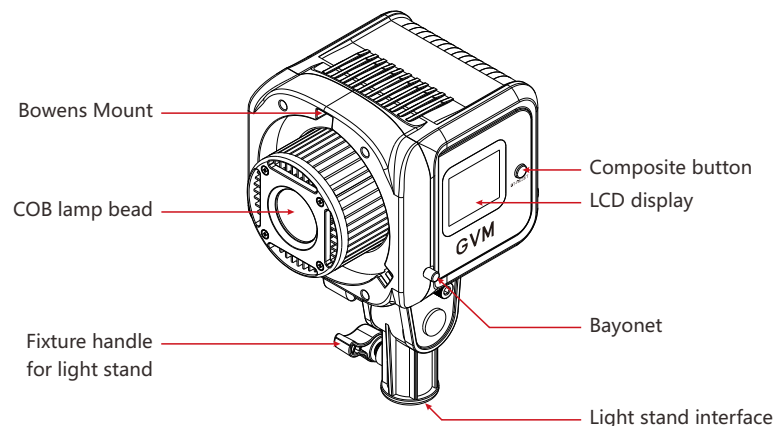3. Design and specifications are subject to change without notice.

PRODUCT PARAMETER

- ◆ Brand : GVM
- ◆ Product Name : Photography Lights
- ◆ Product Model : GVM-SD80D
- ◆ Product Type : Photography Fill Light
- ◆ Functions/Features : LCD Screen, High Display COB Lamp Beads, APP Control, MESH Networking
- ◆ Bluetooth Controllable Distance: ≤50M
- ◆ Light Adjustment Method : Stepless Adjustment
- ◆ Color Rendering Index : ≥97
- ◆ Color Temperature : 2700K~7500K
- ◆ Illuminance : Bare Light: 12000 lux@0.5m; 2990 lux@1m
  Plus Standard Cover:107000 lux@0.5m; 19600 lux@1m
- ◆ Power : 80W
- ◆ Product Weight : 1.2KG
- ◆ Product Size(mm) : 153×122×223
- ◆ Lamp Beads Quantity : COB×1
- ◆ Power Supply Mode : DC & Battery
- ◆ Power Supply : DC 15V/7A
- ◆ Voltage : AC 100~240V
- ◆ Battery Type : NP Series Battery (Need To Buy Separately)
- ◆ Cooling : Fan Forced Cooling
- ◆ Product Material : Aluminum Alloy + Plastic
- ◆ Commodity Origin : Huizhou, China

PRECAUTIONS

1. Please use the matching power adapter to power the product, do not use the power adapter with different output voltage parameters to light the product;
2. The video light is not waterproof, please use it in a rain-proof environment.
3. The video light is not anti-corrosion, please don't let the light come into contact with any corrosive liquid.
4. When you use the light, make sure that the light is placed firmly to prevent the it from falling and being damaged.
5. When the light is not used for a long time, please turn off the power of it to save energy consumption.
6. Over temperature protection reminder:
   When the temperature exceeds the set protection temperature, the over temperature protection program is executed, the brightness is reduced to 10%, and flashes at a frequency of 1 second, that is, on for 1 second and off for 1 second.

# PRODUCT STRUCTURE DIAGRAM

Bowens Mount

COB lamp bead

Fixture handle
for light stand

Composite button

LCD display

Bayonet

Light stand interface

Compound knob

Power input port

Switch ON/OFF

Battery compartment

Angle fixed handle

www.gvmled.com

INSTALLATION METHOD

1 Rotate the lamp holder fixing handle clockwise to install and fix the lamp on the bracket, and turn it counterclockwise to unload.
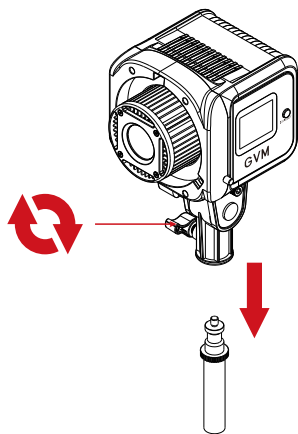
2 Loosen the angle fixing handle, adjust the angle of the spotlight you need, and then tighten the angle fixing handle.
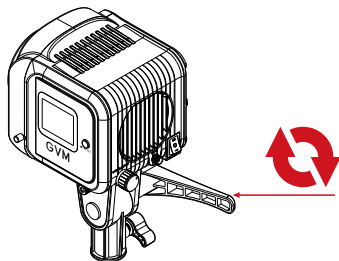
3 Insert the Bowens Mount of the standard cover into the Bowens Mount of the lamp correspondingly, and then turn it slightly clockwise to install the standard cover on the light. Push the Bowens Mount removal buckle to the upper right and turn the standard cover counter clockwise to remove the standard cover.
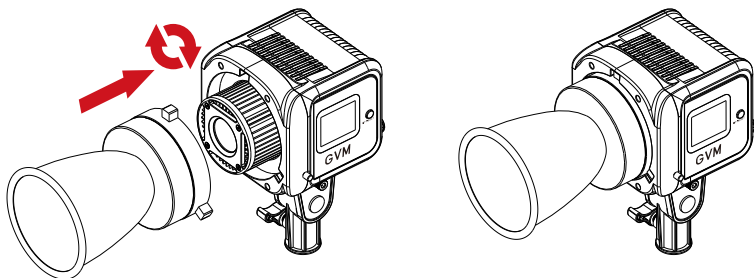
4 Connect the power cord to supply power.
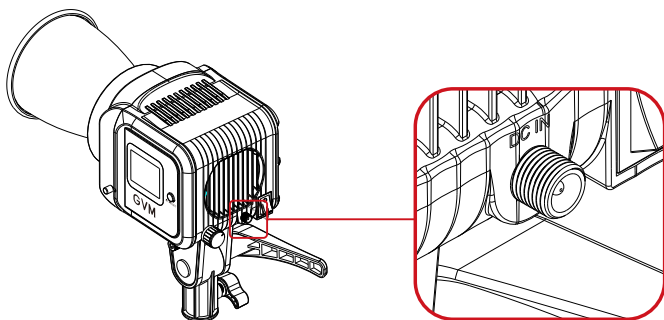
5 Outdoor using can be powered by a suitable battery.
(Battery needed to buy separately)
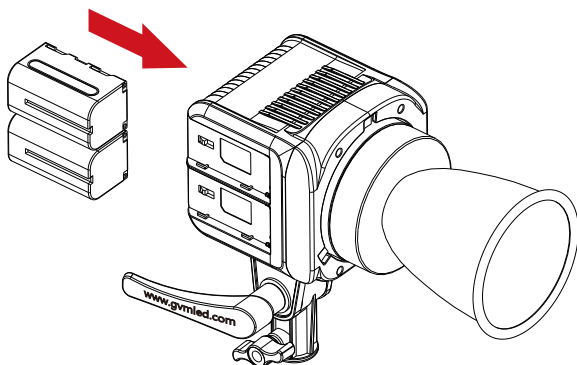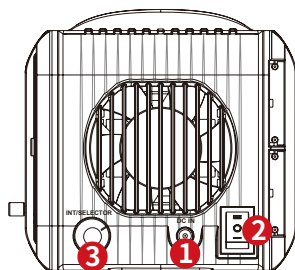
DESCRIPTION OF PRODUCT CONTROL KEYS

❶ Power input interface.

❷ Switch:
   Turn the switch to the — position, the video light uses the DC input power supply;
   Turn the switch to the = position, and the video light uses battery power.

❸ Composite Knob:
   1. Rotate the knob to adjust the parameters of the corresponding item;
   2. In white light adjustment brightness, short press the knob to quickly change the brightness;
   3. Press and hold for 2 seconds to release, switch to adjust the brightness and color temperature of white light.

❹ Composite button:
   1. Press and hold for 2 seconds to release, reset Bluetooth;
   2. Press and hold the button for 5 seconds and release it to restore the system default settings.

❺ LCD display:
   Can display the current parameters of the lamp.
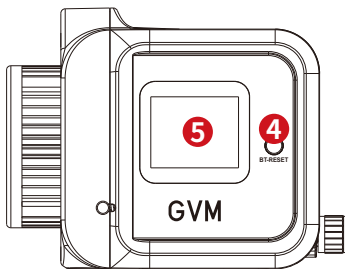
FUNCTION INTRODUCTION & INSTRUCTIONS FOR USE

① LCD Display:

Displays the current brightness parameters, color temperature parameters and controls mode of the light.

Brightness percentage display

Mobile APP operation status
(disappears after 5 seconds of no operation when connected to the APP)

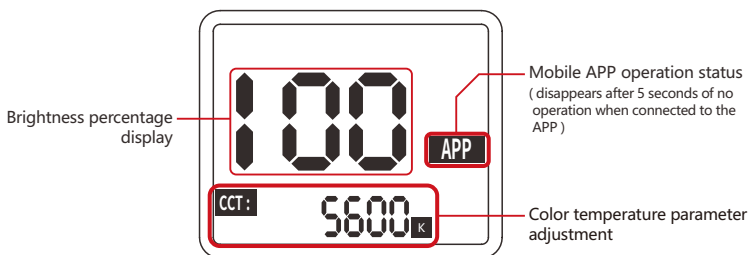Color temperature parameter adjustment

② Adjust brightness (INTENSITY):

- Press and hold the compound knob for 2 seconds and then release it to switch to brightness adjustment, rotate the compound knob to adjust the brightness.

- In white light mode, short press the composite knob to quickly change the brightness.

- In APP mode, connect to the APP and adjust the brightness through the APP.

③ Adjustable color temperature (CCT):

- Press and hold the compound knob for 2 seconds and release it to switch to color temperature adjustment. Rotate the compound knob to adjust the color temperature.

- In the APP mode, connect to the APP and adjust the brightness through the APP.

④ **Adjust Effect (SC): (Only APP controls have this feature)**

The scene mode has 12 scenes: Lightning, CCT Loop, Candle, Bad Bulb, TV, Paparazzi, Explosion, Pulsing, Strobe, Fire, Fireworks, Welding.

- Short press the compound button to switch the light mode to light effect mode → long press the compound knob for 2 seconds and release it to switch the light effect brightness and light effect rate adjustment items → rotate the compound knob to select the scene mode and adjust parameters such as brightness, color temperature, time, etc.
- In light effect mode, short press the composite knob to quickly change the scene.
- In APP mode, connect to the APP and adjust the scene through the APP.

⑤ **Adjust Matching : (Only APP controls have this feature)**

This mode provides 12 light source types: Tungsten, HMI 5600, HMI 6000, Studio Lamps, Sodium Lamp, Halogen, Arc Lamp, Candle, Sunset/Sunrise, Daylight, Overcast Sky, CFL Cool White.

- In APP mode, connect to the APP and adjust the Source Matching through the APP.
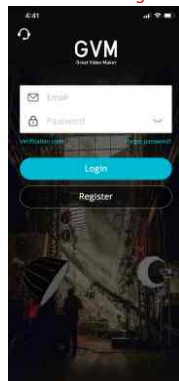
APP CONTROL

APP download method

(Scan the QR code on the back of the manual to download the APP)

Android version: Official website QR code, Google Play, Huawei Store, etc.

iOS version: App Store

Register an account

Log in after registering with your email (Figure 1);

There may be a delay in sending the verification code, and the speed of delivery depends on the email server you use;

Some email servers may recognize our verification emails as advertising, please check your blocked email inbox.

Add device

1. Before adding a device, please make sure that you have turned on the Bluetooth and network data functions of your mobile phone, and reset the Bluetooth of the lighting device;

2. On the "My Devices" page, click the "Add Device" button to search for nearby Bluetooth lighting devices that have been turned on, and select the device to be connected for network connection. (Figure 2)

* Android system requires location permission to be enabled to connect devices using Mesh technology, we will not collect any location information from you during this process.
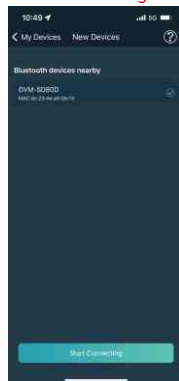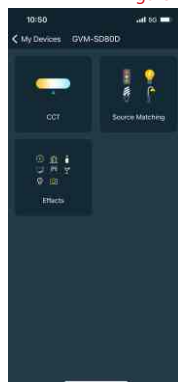
Device management

1. After successfully adding your lighting equipment, your equipment will be displayed in the "My Equipment" list; (Figure 3)

2. Click the device bar to enter the device control. (Figure 4)

Figure 3

Figure 4

QUICK TROUBLESHOOTING

Phenomenon	Check the product	Troubleshooting
The switch indicator does not light up.	1. Whether the connection between the lamp and the power supply is normal.	Make sure the adapter is well connected with the power plug.
	2. When using a lithium battery to supply power, make sure that the battery does not have "low battery"protection.	Use the product after recharging the batteries.
After the APP enters to add a device, the Bluetooth of the device cannot be searched.	Check whether the device is normally turned on and whether it has been bound by another person's connection.	Normal steps: 1. The mobile phone turns on the Bluetooth and network data functions, and the Android system needs to turn on the location permission; 2. Reset the device Bluetooth.
The APP fails to connect to The network configuration of the device.	Check whether the device is turn on normally and whether it has been bound by another person's connection; Check whether the Bluetooth and network of the mobile phone is well connected.	After resetting the device's Bluetooth and restarting the APP, try to connect again.
The device cannot be searched after being removed from the APP.	Whether the device is offline in network status. Remove the device if it is not in good connection.	After resetting the Bluetooth of the device, search and add the device again.
Clicking on the device in the APP cannot enter the control.	Check whether the device is online (a small green dot is displayed); If it is offline, you can check according to the steps of the distribution network connection failure.	Restart the device, wait for 5 seconds, and then control it when it is displayed as online; reset the Bluetooth of the device, and re-add the device to the device list.

USE AND PRESERVATION

Do not put the light in a highly humid, strong electromagnetic field, direct sunlight, high-temperature environment. If the light is not use for a long time, please disconnect the power.

Clean: Before cleaning,please unplug the power plug. And use wet cloth rather than any detergent or soluble liquid, avoiding damaging the surface layer.

Power: Make sure the power is in the demanded range, not too high or too low. Correctly load the battery, in order not the damage to the machine.

Repairing: If there is fault or performance degradation, do not unpack the shell by yourself, avoiding damage to the machine and lose the right of maintenance. When there is a fault, do not hesitate to contact us, and we will do our best to deal with the problem.

Accessories: Please use the accessories provided by the manufacturer and approved ones, in order to maximize the performance.

Guarantee: Do does not modify the product, or you will lose the right of maintenance.

PACKING LIST

Name	Quantity	Notes
Photography Light	1	
Power Cable	1	
Adapter	1	
Diffuser	1	
Carrying Case	1	
Instruction	1	

PRODUCT WARRANTY

Dear user, this warranty card is important proof for applying for warranty service. Please cooperate with the salesperson to fill it out and keep it properly. Thank you!

Product Information	Model Number		Product Barcode	
User Information	Name		Contact Number	
	Mailing Address			
Seller Information	Name			
	Contact Number			
	Mailing Address			
	Sales Date			
Remarks				

Note: this form should be confirmed by the salesperson's stamp.

Applicable Products

This document applies to the products listed in the relevant "Product Warranty Information" (see instructions below). Other products or components that do not fall within this scope (such as promotional products, gift items, and other components added after the factory) are not covered by this warranty promise.

Warranty Period

The corresponding warranty period for products and components shall be executed according to the relevant "Product Warranty Information". The warranty period starts from the first day of purchase of the product, and the date of registration on the warranty card at the time of purchase shall prevail.

How to Obtain Warranty Service

You can directly contact the product salesperson or authorized service agency, or call GVM's after-sales service hotline to contact us and have our service personnel arrange service for you. When applying for warranty service, you should provide a valid warranty card as a warranty certificate to be eligible for warranty service. If you cannot provide a valid warranty card, we may also provide you with warranty service under the circumstance that our products or components are confirmed to be within the warranty scope, but this is not our obligation.

Cases where warranty does not apply:

If the product meets the following conditions, the warranty and service under this document will not apply:

1. The product or parts have exceeded the corresponding warranty period.

2. Malfunctions or damages caused by incorrect or improper use, maintenance, or storage, such as improper handling, use for purposes other than the reasonable expectations of the product, incorrect insertion or removal of external devices, falling or crushing due to external force, or exposure to inappropriate temperature, solvents, acids, alkalis, water immersion, or damp environments.

3. Malfunctions or damages caused by unauthorized installation, repair, modification, addition, or disassembly by institutions or personnel not authorized by GVM.

4. Modifications, changes, or removals of the original identification information of the product or its parts.

5. Lack of valid warranty card.

6. Malfunctions or damages caused by the use of unauthorized, non-standard or non-publicly released software.

7. Malfunctions or damages caused by force majeure or accidents.

8. Other malfunctions or damages not caused by quality issues of the product itself. In such cases, you should seek solutions from the relevant responsible parties, and GVM will not be held liable. Malfunctions or damages caused by components, accessories, or software not covered by the warranty or beyond the warranty scope that renders the product unable to function properly are not covered by the warranty. Fading, wear, and consumption that is normal during the product usage process are not covered by the warranty.

Product Warranty and Service Support Information

The product warranty period and service types are implemented according to the following "Product Warranty Information" for each product category, component, and optional equipment:

Product Category	Accessories Name	Warranty Period(Month)	Warranty Service Type
Component	Circuit Board.	12 Month	Customer service repair
Other	Spotlight mount, softbox, adapter, Standard reflector, power cord, battery Handle, light stand, TYPE-C cable, battery slot, battery, Fresnel lens, grid, carrying bag and all other accessories, etc. Consumable or electrically sensitive parts are not covered by the warranty.	None	No Warranty

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