



## UV Flashlight Instructions

### Features

1. Model UV302 has two optional UV light LED sources 365nm and 395nm, both of them are high pure UV light, are widely used to antiques, jade and amber appraisal, counterfeit money distinguishing, daily supplies fluorescence detection, mineral field searching, adventure, police and security criminal tracking, leakage inspection for special gases and oil pipes and so on.
2. Powered by 1\* 18650 rechargeable lithium-ion battery, compact size and exquisite workmanship are suitable to everyday carry
3. Designed with mechanical side button switch, easy to operate for quick activities.
4. Created with intelligent chip circuit, digital regulated current output and constant brightness, its runtime will satisfy your illumination demand for a long time.
5. Reverse polarity protection design prevents damage from batteries improper insertion.

### LED Features

1. South Korea original UV Light LED source (365nm-395nm)
2. Max output power 5 watts
3. Intelligent chip circuit, digital regulated current output and constant brightness

### Physical Features





1. Waterproof Rate: IPX- 8
2. Lens: Toughened ultra-clear glass optical lens
3. Impact resistance: 1.5 meters limited
4. Dimensions: Length 132mm x Body Dia. 27.5mm
5. Net Weight 76g (without battery)
6. Casing Material: High strength aerospace aluminum alloy
7. Surface Treatment: Mili-spec III hard-anodized abrasive finish.
8. Reflective Cup: Aluminum alloy vacuum plating reflector

### Battery Features

1. Powered by 1\* 18650 rechargeable Lithium-ion battery
2. Input Power: 3.0-4.2v
3. Runtime: Based on battery capacity and quality, average 7h @ High

Notes: the above data concluded from lab testing, will be vary with actual environments and different batteries.

### Specifications Parameters

	LG 365nm UV light LED source (3W)			LG 395nm UV light LED source (3W)		
	High	Medium	Low	High	Medium	Low
	7H	23H	88H	7H	23H	88H
	Optional Max. power (3W/4W/ 5W)					
	I IPX-8 Waterproof rate (Submersible 2 meters)					
	I Impact resistance 1.5 meter limited *					

### **Maintenance and attention**

1. High quality battery is suggested to be used
2. Due to the high brightness, please do not shine it directly into eyes \*Children should use the light under the guidance of adults
3. Avoid using it for a long time in sunshine, water, chemical and corrosive gas, in order to protect the protection layer of the product
4. It is suggested that the O ring be lubricated or replaced in due course to ensure its waterproof performance
5. Users should lubricate the screw thread 2-3 times per year to ensure smooth screw.
6. Use soft brush and alcohol to clean the flashlight when needed
7. Take out the battery if users do not use the product for a long time
8. Non-professionals do not disassemble the flashlight, to prevent damage to the circuit board.

### **Using Instructions**

Turn on: completely press the switch with sound to turn on the flashlight.

Brightness Switch: With the flashlight switched on, light click the switch to change brightness from High-Medium-Low.

Turn off: With the flashlight switched on, completely press the switch to turn off the flashlight.