



# B310-Ultra Midwave UV Flashlight

## Battery handling:

Fully charge the battery before first usage! Most new batteries are in storage mode and need to be charged as soon as possible!

The B310-Ultra must be used with one (or two with the eXtension option) rechargeable 26650 Lithium-Ion battery (>5000mAh, minimum 10A discharge type). 18650 type Lithium-ion battery (>3400mAh, minimum 10A discharge type) can also be used with the included spacers. When the battery is almost empty, the flashlight will start to flash and eventually will shut down the lamp. When flashing starts, recharge the battery as soon as possible!

## Warning:

1. Place the battery with the + to the inside. Reverse placement can destroy the flashlight and battery.
2. NEVER look directly into the light beam. This can damage your sight! Wear safety glasses! UVB radiation is invisible! UVB radiation can be harmful!
3. This lamp is NOT suitable for children, it is NOT a toy.
4. Don't aim the light beam directly to your skin. Exposure can damage the skin tissue! UVB radiation can be harmful!
5. Never point the light beam to any other living person or animal! UVB radiation can be harmful!
6. Do not operate the lamp for more than 5 mins continuous. Use it with intervals to cool it down. Keeping the led cool prolongs its life.
7. Do not disassemble the flashlight or make any modifications. This will void the warranty.

## Warranty:

The B310-Ultra UV flashlight has a one year factory carry-in warranty. The warranty starts on the date of delivery. The warranty will void if the lamp is modified or broken due to fall, damage, improperly handling or battery leakage.

## Features:

- Ultra high power 310nm Midwave UV flashlight.
- For professional use
- Top quality 310nm UV Led
- Powered by one (or two with eXtension) Lithium-Ion 26650\* battery. An 18650\* (or two with eXtension) battery can also be used with included spacer \*sold separately
- Fluorescent and Phosphorescent Tail cap switch
- Equipped with replaceable UV bandpass filter
- Waterproof IPX-8 (2 meter)

Brand	Colorgems
Material	Aluminum alloy
Lens	42mm ZWB3 UV Filter
Led type	16.8W Pd 310nm band
Size	154/226mm(Length) x 33mm(Diameter) x 45mm(Lamp Head)
Modes	One mode
Color	Black
Weight	235g

## Operating instructions

### Battery placement:

Place the battery with

The + towards the

inside



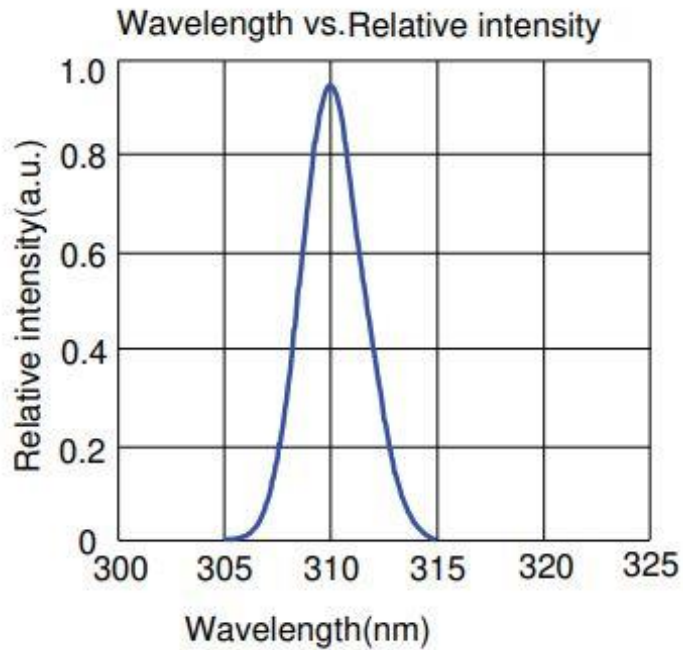
### Technical Specifications:

Colorgems B310-Ultra lamp power: 16.8W

Optical power: 550mW

Lamp type: spot

Led spectrum:



Operating times fully charged battery:

26650 battery: > 1hr (>2 hr with eXtension option)

18650 battery: > 40mins (> 1hr20mins with eXtension option)

Led useful lifetime: ~5000hrs

Filter useful lifetime: >10000hrs

Advised filter replacement interval: none