LumiMe RGB Multi-Color LED Strip User Manual

LumiMe RGB Multi-Color LED Strip User Manual

Contents

Features

- Professional gemstone identification flashlights
- **GEM8:** CREE XP-L HI V3 LED emits a max output of 500 lumens
    - **GEM10:** CREE XP-L HI V3 LED emits a max output of 800 lumens
    - **GEM8UV:** UV light output of 3000mW, wavelength of 365nm
    - **GEM10UV:** UV light output of 3000mW, wavelength of 365nm
- Rotary switch allows infinite variable brightness adjustment
- **GEM8/GEM8UV:** The LED is attached to lens directly to ensure zero light loss **(Patent No.: ZL201620486311.8)**
- **GEM10/GEM10UV:** Crystal Coating Technology combined with "Precision Digital Optics Technology" for unparalleled reflector performance
- **GEM8/GEM8UV:** Design patent No. **: ZL20183001830.7**
  GEM10/GEM10UV: Design patent No. **: ZL201830018136.4**
- High efficiency constant circuit provides unwavering output with a max runtime of 500 hours
- Advanced Temperature Regulation module
- Integrated measurement scale
- Toughened ultra-clear mineral glass with anti-reflective coating
- Constructed from aero grade aluminum alloy with HAIII military grade hard-anodized finish
- Waterproof in accordance with IPX8 (2 meters submersible)
- 1m impact resistance
- Tail stand capability

Dimensions

GEM8

- **Head Diameter:** 0.35" (9mm)
- **Tube Diameter:** 0.85" (21.5mm)

- **Length:** 5.47" (139mm)
- **Weight:** 2.04oz (57.7g)

GEM8UV

- **Head Diameter:** 0.35" (9mm)
- **Tube Diameter:** 0.85" (21.5mm)
- **Length:** 5.47" (139mm)
- **Weight:** 2.04oz (57.7g)

GEM10

- **Head Diameter:** 0.63" (16mm)
- **Tube Diameter:** 0.85" (21.5mm)
- **Length:** 5.31" (135mm)
- **Weight:** 2.35oz (66.5g)

GEM10UV

- **Head Diameter:** 0.63" (16mm)
- **Tube Diameter:** 0.85" (21.5mm)
- **Length:** 5.31" (135mm)
- **Weight:** 2.35oz (66.5g)

Accessories

- 2×spare O-rings
- lanyard
- holster

Battery Options

	SIZE	Nominal Voltage	Compatible
18650 Rechargeable Li-ion battery	18650	3.6V/3.7V	Y (Recommended)
Primary Lithium battery	CR123	3V	Y (Recommended)
Rechargeable Li-ion battery	RCR123	3.6V/3.7V	Y

Technical Parameter

GEM8

FL1 STANDARD	Turbo	Ultralow
	500 LUMENS	1 LUMEN
	*1h	500h
	39m	1m
	380cd	0.4cd
	1m (Impact Resistance)	
	IPX8, 2m (Waterproof AND Submersible)	

GEM10

FL1 STANDARD	Turbo	Ultralow
☼	800 LUMENS	1 LUMEN
🕐	*1h	500h
◤	186m	7m
◉	8650cd	14cd
✓	1m (Impact Resistance)	
〜↓	IPX8, 2m (Waterproof AND Submersible)	

NOTICE: The above data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1 using 1×18650 Li-ion battery (3500mAh). The data may vary slightly during real-world use due to battery type, individual usage habits and environmental factors.
* The brightness levels from ultralow to turbo is infinitely variable, with corresponding runtime ranging from 1 hour to 500 hours. (The runtime for Turbo mode is the testing result before starting temperature regulation.)

GEM8UV

	UV(Turbo)	UV(Ultralow)
Output	3000mW	5mW
Runtime	*4h15min	500h
Impact Resistance	1m	
Waterproof	IPX8, 2m submersible	

GEM10UV

	UV(Turbo)	UV(Ultralow)
Output	3000mW	5mW
Runtime	*4h15min	500h
Impact Resistance	1m	
Waterproof	IPX8, 2m submersible	

NOTICE: The above data has been measured by using 1×18650 Li-ion battery (3500mAh). The data may vary slightly during real-world use due to battery type, individual usage habits and environmental factors.
* The brightness levels from ultralow to turbo is infinitely variable, with corresponding runtime ranging from 4 hours 15 minutes to 500 hours. (The runtime for Turbo mode is the testing result before starting temperature regulation.)

Operating Instructions

Battery Installation
Battery installation is the same for all models in the GEM series. Insert the battery from its tail as illustrated in the diagram. (The model shown in diagram is GEM8)
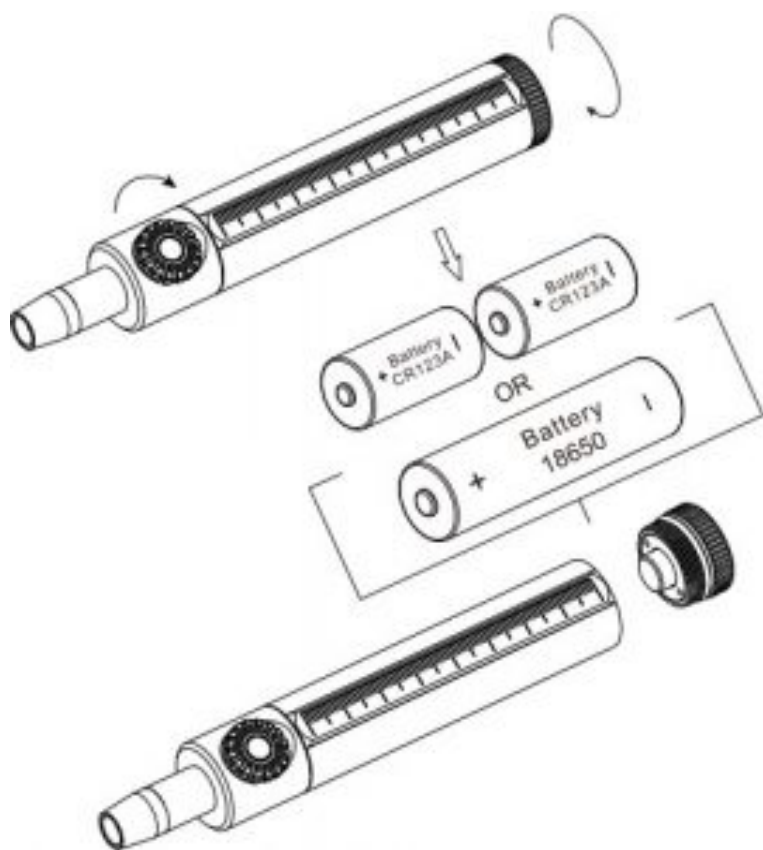
NOTE:

1. Ensure the batteries are inserted correctly. The light will not operate if batteries are incorrectly inserted.
2. Avoid direct eye exposure.
3. When the flashlight is kept in a backpack or left unused for extended periods of time, please remove all batteries to prevent accidental activation and battery leakage.

On/Off

- **To switch ON:** Rotate the switch in clockwise direction as shown in the diagram until a "click" sound is heard.
- **To switch OFF:** Rotate the switch in counter-clockwise direction as shown in the diagram until a "click" sound is heard.

Adjusting brightness levels

GEM8/GEM10
The brightness levels from ultralow to turbo are infinitely variable.
When the light is on, rotate the switch in a clockwise direction as shown in the diagram, and the brightness level will increase from 1 lumen up to 500/800 lumens. Brightness is adjusted in reverse by rotating the switch in a counter-clockwise direction.

GEM8UV/GEM10UV
The brightness levels from UV(ultralow) to UV(Turbo) are infinitely variable.
When the light is on, rotate the switch in a clockwise direction as shown in the diagram, and the brightness level will be changed from 5mW to 3000mW. Brightness is adjusted in reverse by rotating the switch in a counter-clockwise direction.

ATR (Advanced Temperature Regulation)

With Advanced Temperature Regulation module, the lights regulate its output and adapt to the ambient environment, maintaining optimal performance.

Changing batteries

Batteries should be recharged or replaced if any of the followings occurs: output appears to be dim or the flashlight becomes unresponsive.

Maintenance

Every 6 months, threads should be wiped with a clean cloth followed by a thin coating of silicon-based lubricant.

Warranty Service

All NITECORE® products are warranted for quality. DOA/defective products can be exchanged for replacement through a local distributor/dealer within the 15 days of purchase. After 15 days, all **defective/malfunctioningNITECORE®** products will be repaired free of charge for a period of 60 months from the date of purchase. After 60 months, a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts.

The warranty is nullified if

1. The product(s) is/are broken down, reconstructed and/or modified by unauthorized parties.

2. The product(s) is/are damaged through improper use. (i.e. reverse polarity installation)
3. The product(s) is/are damaged by leakage of batteries.

For the latest information on NITECORE® products and services, please contact a local NITECORE® distributor or send an email to **service@nitecore.com**.

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