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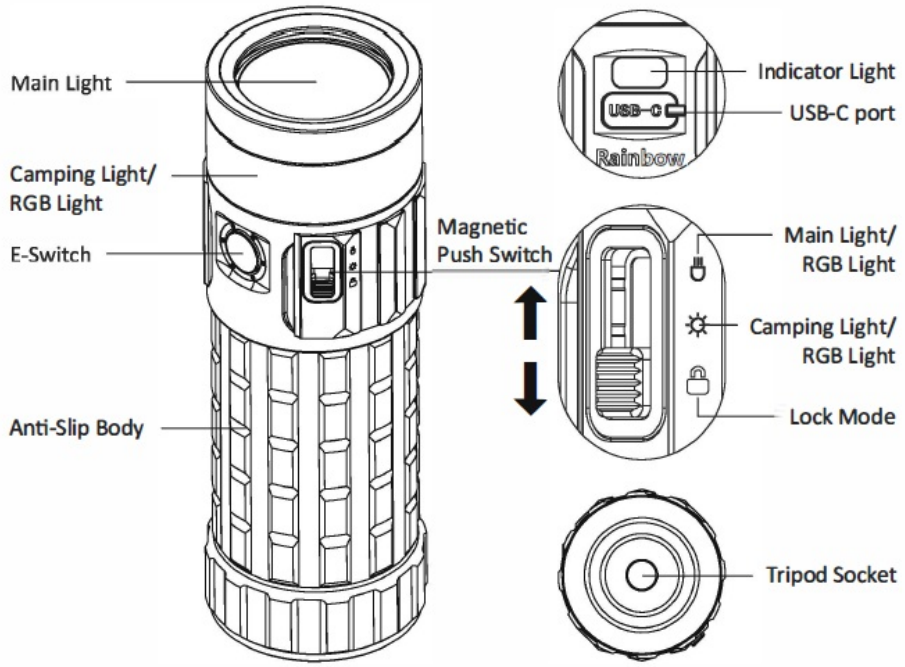
LUMINTOP®

LUMINTOP Rainbow 2.0 LED plus RGB Flashlight

Specifications

			Eco	High	Turbo	Strobe/ SOS/ Beacon	RGB Light
Output		Main Light	15 LM	1000 LM	3000-1000 LM	1000 LM	/
		Camping Light	8 LM	450 LM	/	450 LM	/
Runtime	46800	Main Light	13Day	7.5H	2M + 7H	/	72H
		Camping Light	13Day	7.5H	/	/	
	46950	Main Light	15Day	9.5H	2M + 9H	/	90H
		Camping Light	15Day	9.5H	/	/	
Distance		1000m (Max)					
Intensity		250000cd (Max)					
Impact Resistant		1m					
Waterproof		IPX-4					
Light Source		High-Performance White+ Neutral white + RGB LEDs					
Power		40W (Max)					
Battery		1 X 46800/ 46950 Li-ion					
Size		53.5 X 143mm/ 53.5*158mm					
Net Weight		Approx 613g/ 656g (with battery)					

Note: The above appropriate parameters are lab-tested by using a 46800 (24000mAh) or 46950 (32000mAh) Li-ion battery, it may vary due to the difference in battery condition and environment. The runtime on Turbo is accumulated due to the over-heat protection setting.



Operation Instruction

Main Light/ RGB Mode (Magnetic control on the top)

1. Power On/Off: Single-click switch
2. Ramping: Press and hold to adjust brightness, released the switch to selected the desired output (with mode memory function)
3. Turbo Mode: Double-click switch
4. Strobe Modes: Triple-click to switch (Strobe – SOS – Beacon)
5. Red/Blue Police Flash: Quadruple-click when light is on
6. RGB Mode: Press and hold when off

Camping Light Mode (Magnetic control in the middle)

1. Power On/Off: Single-click switch
2. Ramping:Press and hold to adjust brightness, released the switch to select the desired mode, double-click for high mode (with mode memory function)
3. Strobe Modes: Triple-click to switch (Strobe – SOS – Beacon)

RGB Mode (Magnetic control on the top or in the middle)

1. Power On/Off: Press and hold for on, single-click for off.
2. With the RGB light on:
   a. Color Ramping: Press and hold to adjust color, release to lock
   b. Flashing Mode: Double-click (supports color ramping by press and hold)
   c. Red/Blue Flash Mode: Triple-click – Double-click to switch effects (RGB ramping- rainbow blink- RGB blink- Red- Green- Blue- Police Flash).

Lock Mode (Magnetic control at the button)

Locks all switch functions to prevent accidental activation

USB-C Fast Charging & Power Bank Function

1. Fast Charging: Supports QC2.0/QC3.0, PD2.0/PD3.0, PPS
2. Max Charging Current: 4.5A (Adaptive)
3. Power Bank Output: 22.5W, max 3A
4. Indicator Light:

a. Charging: Blinking (each LED represents 25%), solid when full
b. Discharging: Solid; last LED blinks when low

5. RGB Charging Effect:
   a. Automatic breathing and color-changing effect during charging/discharging
   b. Can be turned on/off by clicking 5 times during charging.

Ensure the waterproof cover is in place after charging to maintain water resistance.

Battery Usage & Safety

Battery Type: 46800 or 46950 Li-ion, same polarity, sourced from Lumintop is recommended.

Warnings:

- LITHIUM BATTERIES ARE HIGH-CAPACITY POWER SOURCES; HANDLE WITH CARE
- BATTERY MAY EXPLODE OR FIRE IF MISTREATED
- DO NOT DISASSEMBLE OR DISPOSE OF IN FIRE
- DO NOT CHARGE EXCEPT SPECIFIED CHARGING CONDITION
- DO NOT HEAT ABOVE 4.2V OR SHORT CIRCUIT
- DO NOT CRUSH OR MOBILE

Multiple Protection Features

- Overcharge Protection: Prevents battery damage from overcharging.
- Over-discharge Protection: Prevents over-discharge and extends battery life.
- Reverse Polarity Protection: Prevents damage from incorrect battery insertion .
- Thermal Regulation: Reduces brightness if overheating.
- Low Voltage Protection: Auto-dims and shuts off when battery is critical low.

Safety & Warnings

1. Keep away from children.
2. Do not shine directly into eyes.
3. Do not aim at people, animals, moving vehicles, or flammable objects.

4. If unused for a long time, loosen the tail cap and remove the battery.
5. Store the battery properly and recharge every 3 months for best performance.
6. Use Lock Mode when storing or carrying to prevent accidental activation.

Warranty

1. 30 days of purchase: Free repair or replacement with manu-facturing defects.
2. 5 years of purchase: Lumintop will repair the products free of charge within 5 years of purchase (products with built-in battery 2 years, charger, battery 1 year) if problems develop with normal use.
3. Lifetime warranty: If repair is required after the guaranty period, we’ II charge for parts accordingly.
4. This warranty does not cover normal wear and tear, improper maintenance, abuse, force majeure damage, or defaults by human factors.

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Documents / Resources

	LUMINTOP Rainbow 2.0 LED plus RGB Flashlight [pdf] User Manual 250401, 250326, Rainbow 2.0 LED plus RGB Flashlight, Rainbow 2.0, LE D plus RGB Flashlight, RGB Flashlight, Flashlight

References

- User Manual

LUMINTOP

250326, 250401, Flashlight, LED plus RGB Flashlight, LUMINTOP, Rainbow 2.0, Rainbow 2.0 LED plus RGB Flashlight, RGB Flashlight

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LUMINTOP W1 LEP and Flood Flashlight User Manual

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