

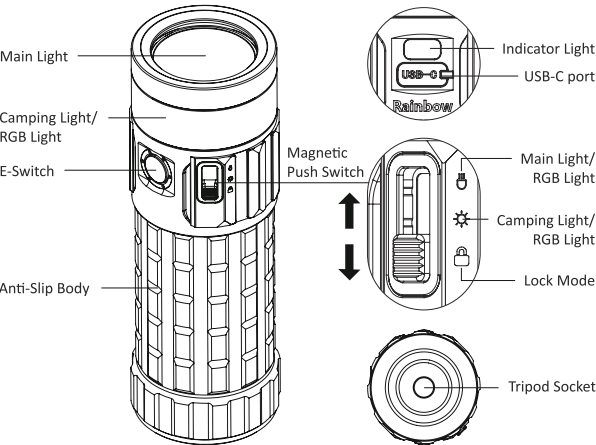
Rainbow 2.0

User Manual 使用说明书

Specifications

		Eco	High	Turbo	Strobe/ SOS/ Beacon	RGB Light
Output		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

- 1 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
- 2 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)
- 3 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).
- 4 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' ll 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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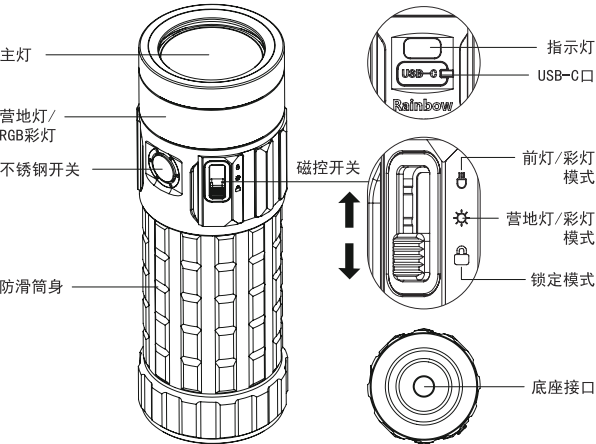


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注：以上近似参数值为使用一节24000mAh 46800及32000mAh46950锂离子电池在实验室测试所得，可能会随着电池及使用环境不同而有所变化。由于温控保护设置，极亮续航时间为累加值。



操作说明

- 1 主灯/ RGB彩灯模式（磁控开关在前端）
- 开/关机：单击按钮
 - 调节亮度：长按按钮（无极调光，带记忆功能）
 - 极亮模式：双击按钮
 - 爆闪/SOS/信标：三击按钮切换
 - 红蓝警闪：开机状态下四击按钮
 - RGB彩灯：关机状态下长按按钮

- 2 营地灯模式（磁控开关在中间）
- 开/关机：单击按钮
 - 调节亮度：长按按钮（无极调光，带记忆功能）， 双击高亮
 - 爆闪/SOS/信标：三击按钮切换

- 3 RGB彩灯模式（磁控开关在前端或中间）
- 开/关机：长按按钮进入彩灯模式，单击关机
 - 彩灯模式开机状态下：
 - a. 变换颜色：长按按钮选择颜色（无极变色）
 - b. 彩灯闪烁模式：双击按钮（支持无极变色）
 - c. 红蓝闪模式：三击按钮，双击切换不同模式（无极变色-七彩跑马灯-红绿蓝跑马灯-红光-绿光-蓝光-红蓝闪）

- 4 锁定模式（磁控开关在末端）
- 按键锁定，按压无效

USB-C快充 & 充电宝功能

- 充电：
- 接口：Type-C，支持QC3. 0/PD3. 0快充，峰值电流4. 5A。
 - 时间：46800电池约6-7小时 | 46950电池约9小时。
 - 指示灯：充电时蓝灯闪烁（四灯各代表25%电量），充满后四灯常亮。

- 放电：
- 输出协议：峰值放电功率22. 5W，支持PD2. 0/3. 0、QC3. 0、PPS等，可输出5V/9V/12V。
 - 电量提示：蓝灯常亮（低电量末灯闪烁，电量不足时自动关机保护）。

- 充放电彩灯模式：
- 呼吸变色效果（默认关闭）
 - 充放电时五击按钮开启/关闭

* 请充电完成后盖好防水胶塞，以保证防水性能。

电池使用

- 仅使用配套的46800或46950锂离子电池供电，大容量、大功率，正负同极。

- 警告：
- 1) 锂电池属于易燃易爆危险品，请正确处理废旧电池。如果处理不当，电池可能会引发爆炸或起火！
 - 2) 请勿拆卸或丢弃在火中。
 - 3) 请勿在非指定充电条件下充电。
 - 4) 请勿过充超过4. 2V。
 - 5) 电池切勿短路；请勿挤压。

多重保护功能

- 防过充保护，防止过度充电损坏电池。
- 防过放保护，防止过度放电损坏电池。
- 防反接保护，防止电池反装短路损坏手电及电池。
- 温控保护，手电配备有温度保护和时间保护功能，温度过高时手电会自动降低亮度以达到热平衡。
- 低电保护，当锂电池电压降低时，手电筒会自动降档降低亮度，直到自动关机保护。

⚠ 安全与警告！

1. 请将手电放置于儿童接触不到的地方。
2. 此手电光强度极高，严禁直射双眼，以免对视力造成危害。
3. 请勿将手电直接指向人、动物、移动车辆或易燃物体。
4. 如长时间不使用请拧松螺纹断开电源，并将电池取出，避免电池漏液损坏手电。
5. 电池请按要求妥善保管，并每3个月给电池进行一次充电以保持最佳性能。
6. 在存储、运输（如装在口袋、背包等）时，请提前将手电设置为锁定状态或拧松螺纹断开电源，以防止误触发点亮带来不便。
7. 此灯具的光源是不可替换的；当光源到其寿终时，应替换整个灯具。

保修条款

1. 30 天包换期：自产品售出之日起 30 天内，在正常使用情况下，出现产品质量问题，客户可选择换货或者保修服务。更换时，所换产品应为返修产品同型号同规格产品；如已停产的，则更换不低于原产品性能的同品牌产品。
2. 5年保修：自产品售出之日起5年内，用户在正常使用情况下，出现产品质量问题，则享受保修服务（内置不可拆卸电池的照明产品2年，充电器等配件1年）。
3. 终身有偿保修：超过产品免费保修期的，Lumintop将提供永久有偿保修，费用以实际更换材料为准，运费自理，不收取人工费用。
4. 以下情况不适用免费保修范围：因正常磨损而造成缺陷的；由于粗暴操作而造成缺陷的；不可抗拒力造成损坏的；其他人为因素造成产品问题的。



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