LUMINTOP

# AURORA

## User Manual
## 使用说明书

LMT-CF1173-241209

## Specifications

| | | Low | High | Strobe/ SOS/ Beacon | Color Lights | Color Light Blink |
|---|---|---|---|---|---|---|
| Output | | 30 LM | 300 LM | 150 LM | / | / |
| Runtime | 46800/24000mAh | 115H | 13H 30M | / | 55H | 110H |
| | 46800/27500mAh | 130H | 15H | / | 60H | 120H |
| | 46950/32000mAh | 150H | 18H | / | 72H | 144H |
| Distance | | 20M (max) | | | | |
| Intensity | | 100cd (max) | | | | |
| Impact Resistant | | 1m | | | | |
| Light Source | | White LED + RGB Color Lights | | | | |
| Power | | 5W (max) | | | | |
| Battery | | 1 X 46800 Li-ion/ 1 X 46950 Li-ion | | | | |
| Size | | 46800:55 X 52 X 107mm/ 46950： 55 X 52 X 122mm | | | | |
| Net Weight | | About 481g/ 540g (46800/ 46950 included) | | | | |

## Operation Instruction

**1** **Battery Check:** One click the button from OFF.

**2** **White Light:** Two clicks the button from OFF to enter the memorized output level. Press and hold the button to ramp the output up to High, press and hold it again to ramp it dwon to Low, Rellease the button to select the desired output level. Two rapid clicks will go to High. One click to turn the lamp OFF.

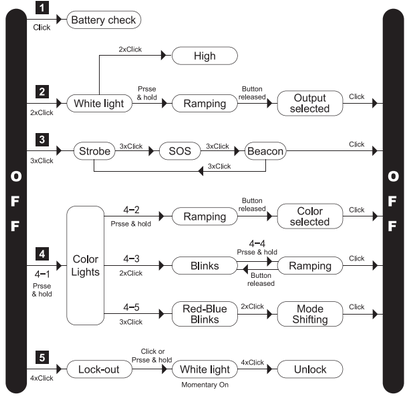
**3** **Blinkings:** Three clicks the button while the lamp is off or from the whit light mode will enter the Strobe mode. Another three clicks to change the blink mode (SOS-Beacon-Strobe).

**4** **Color Mode:**

1) From OFF, press and hold the button to enter color mode (with color memory function). One click the button to turn off.
2) In color mode, press and hold for color shifting, release the button to select a color.
3) In color mode, double-click to make the current color blink, double-click again to return to the current color.
4) In color blink mode, press and hold for color shifting, release the button to make the new color blink.
5) In color mode, triple-click to switch to red-blue blink, double-click to cycle through modes (color shifting - seven-color running - red - green-blue running - red constant - green constant - blue constant - red-blue blink). Triple-click again to return to color mode. One click the button to turn off.

**5** **Lock-out Function:** Four clicks the button from off to lock the lamp. Momentary lit-up is available when clicking the button under the lock-out mode. To unlock the lamp, just another four clicks or loosen the threads and cut off the eletricity.

## Operation Diagram




## USB-C Charging and Discharging

Supports fast charging with integrated QC2.0/QC3.0 output fast charging protocols, including FCP, AFC, SFCP, MTK PE+ 1.1&2.0, USB-C DRP, BC1.2, Apple, and Samsung fast charging, as well as USB Power Delivery (PD2.0/PD3.0) protocols, with a peak charging power of 22.5W.

Supports PD2.0 bidirectional input/output protocol, PD3.0 input/output, and PPS output protocol. Supports 5V and 9V voltage input, and 5V, 9V, and 12V voltage output. PPS supports 5-11V, with 20mV/step output voltage adjustment.

When charging or discharging starts, the color lights display according to the current battery level. The lights can be turned on or off by pressing the button seven times.

## Display

**During charging**

The display shows the input/ output voltage, input/ output current, and battery percentage while in the charging or discharging process.

## Charging/ Dischargig Instruction

1. Built-in with USB-C charging.
2. When there is no button action, only the port with an electrical device will be opened.
3. Both the two ports support fast charge protocol, and it's available when only one port is at work. Fast charge will be inactive when two ports are working.
4. When one output port has entered the fast charge output mode, and an electrical device is inserted into the other output port, the voltage of both ports is 5V at this time.

## Multiple Protection

- **Overcharge Protection:** Prevents overcharging to protect the battery from damage.
- **Over-discharge Protection:** Prevents over-discharging to protect the battery from damage.
- **Reverse Connection Protection:** Prevents damage to the flashlight and battery caused by incorrect battery installation or short-circuiting.
- **Low Voltage Protection:** When the battery voltage drops, the flashlight will automatically reduce the brightness or cut off the output to enter protection mode.

## Battery Application

| Type | Model | Specification | Fully charged |
|---|---|---|---|
| Lithium | 46800/ 24000mAh | Standard with possitive and negative poles are on the same side | About 7 hours |
| Lithium | 46800/ 27500mAh | Standard with possitive and negative poles are on the same side | About 8 hours |
| Lithium | 46950/ 32000mAh | Standard with possitive and negative poles are on the same side | About 9 hours |

## ⚠ Safety & Warnings

1) Keep the flashlight out of reach and away from children.
2) This device is a super high-intensity flashlight. To avoid potential injury, it is forbidden to shoot directly to the eyes.
3) Do not point the light directly at a person, animal, moving vehicle, or flammable materials.
4) If a long time no use the lamp, please loose the threads and cut off the electricity, or take out the battery in case of damage from battery leakage.
5) Take care well of the battery and charge it every three months to keep its performance.
6) When carrying or storing the flashlight in a backpack etc, please set it to lock-out status or loose the threads to cut off the electricity to prevent accidental activations and the inconvenience caused.

## 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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LUMINTOP

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## 使用说明书
## User Manual

LMT-CF1173-241209

## 技术参数

| | | 低亮 | 高亮 | 爆闪/SOS/信标 | 彩灯 | 彩灯闪烁 |
|---|---|---|---|---|---|---|
| 亮度 | | 30流明 | 300流明 | 150流明 | / | / |
| 续航 | 46800/24000mAh | 115小时 | 13小时30分 | / | 55小时 | 110小时 |
| | 46800/27500mAh | 130小时 | 15小时 | / | 60小时 | 120小时 |
| | 46950/32000mAh | 150小时 | 18小时 | / | 72小时 | 144小时 |
| 照射距离 | 20米（max） | | | | | |
| 光强 | 100cd（max） | | | | | |
| 防跌落高度 | 1米 | | | | | |
| 灯珠 | 白光LED + RGB彩灯 | | | | | |
| 功率 | 5W（max） | | | | | |
| 电池 | 1 X 46800锂电池/ 1 X 46950锂电池 | | | | | |
| 尺寸 | 46800:55 X 52 X 107毫米/ 46950：55 X 52 X 122毫米 | | | | | |
| 净重 | 约481克/ 540克（含46800/46950锂电池） | | | | | |

## 操作说明

**1 电量查询**：关机状态下单击按钮查询电量。

**2 白光**：关机状态下双击按钮，以记忆档位启动白光，长按按钮无极白光调光，再次长按按钮反向调光，松开按钮选择亮度档位，双击按钮可快速进入高亮档，单击关机。

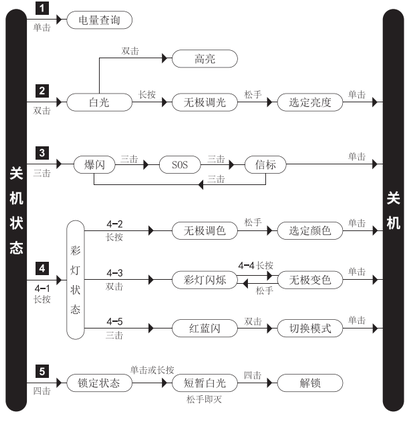
**3 闪烁模式**：关机或白灯状态下三击按钮进入爆闪，继续三击切换模式（SOS-信标－爆闪），点按关机。

**4 彩灯模式**：

1）关机状态下长按进入彩灯状态模式（带颜色档位记忆功能），点按关机；
2）彩灯状态下继续长按无极变色，松开按钮选定颜色；
3）彩灯状态下双击以当前颜色闪烁，再次双击返回当前颜色；
4）彩灯闪烁模式下长按无极变色，松开按钮按变色后颜色闪烁；
5）彩灯状态下三击按钮切换到红蓝闪，双击切换模式（无极变色－七彩跑马－红绿蓝跑马－红常亮－绿常亮－蓝常亮－红蓝闪，再次三击按钮返回彩灯状态，点按关机。

**5 锁定功能**：
关机状态下四击按钮进入锁定状态，锁定状态下单击或长按按钮可暂时点亮白光，松手即灭。再次四击按钮解除锁定。

## 操作示意图




## USB-C充放电

支持快充集成 QC2.0/QC3.0 输出快充协议FCP、AFC、SFCP、MTK PE+ 1.1&2.0、USB C DRP、BC1.2、苹果、三星手机快充USB Power Delivery（PD2.0/PD3.0）协议；峰值充电功率22.5W。

支持PD2.0双向输入/输出协议，支持 PD3.0输入/输出，PPS 输出协议，支持5V，9V电压档位输入支持5V，9V，12V电压档位输出。PPS支持5~11V，20mV/step输出电压档位。

启动充放电时彩灯按当前电量显示，可七连按打开或关闭。

## 显示屏

充/放电时显示输入/输出电压，输入/输出电流，电池百分比。

## 充放电说明

1. TYPE-C口插入充电电源可直接启动充电。
2. 无按键动作的情况下，只有插了用电设备的输出口的输出路径才会打开。
3. 任何一个接口都支持输出快充协议，只有一个输出口开启的情况下才能支持快充输出。同时使用两个输出口时，会自动关闭快充功能。
4. 当已经有一个输出口进入快充输出模式时，另一个输出口也有用电设备插入，此时两个输出口电压均为5V。

## 多重保护

- 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。
- 低电保护，当电池电压降低时，手电筒会自动降低亮度或切断输出进入保护。

## 使用电池

| 类型 | 型号 | 规格 | 充电时间 |
|---|---|---|---|
| 锂电池 | 46800/ 24000mAh | 标称型，正负同级 | 约7小时 |
| 锂电池 | 46800/ 27500mAh | 标称型，正负同级 | 约8小时 |
| 锂电池 | 46950/ 32000mAh | 标称型，正负同级 | 约9小时 |

## ⚠ 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，或将电池取出，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。

## 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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