LUMINTOP

GT NANO V3.0

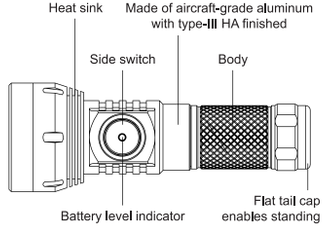
User Manual
使用说明书

LMT-CF1170-240920

Specifications

ANSI/NEMA FL1	Moon-light	Low	Med	High	Turbo
Output	1 Lumens	31 Lumens	180 Lumens	400 Lumens	700 Lumens
Runtime	48h	4h	50min	1M +45min	1M +42min
Distance	400m (Max)				
Intensity	40000cd (Max)				
Impact Resistant	1m				
Waterproof	IPX8, underwater 2m				
Light Source	Osram NM1 LED				
Battery	1 X 10280 Li-ion				
Power	9W (Max)				
Size	67*24*14mm				
Net Weight	27g (battery included)				

Notice: The above approximate data are lab-tested with a 10280 Li-ion battery and may vary due to differences in environment and batteries. The runtime on High and Turbo modes is cumulative due to the overheat protection feature.



Operation Instructions

General Modes: Low, Medium, High (with mode memory)
Hidden Modes: Moonlight, Turbo, Blinking Modes

1 **ON/OFF:** Click the switch once.

2 **Output change:** While the flashlight is ON, press and hold the switch to cycle through the output levels (Low, Medium, High). Release the switch to select the desired level.

3 **Moonlight:** Press and hold the switch from OFF.

4 **Turbo:** Quickly double-click the switch.

5 **Blinking Modes:** Triple-click the switch to enter Strobe mode. Another triple-click will change the blinking modes (SOS, Beacon, Strobe).

6 **Lock-out/Unlock:** Quadruple-click the switch from OFF. In lock-out mode, momentary ON is available by pressing the switch.

7 **Switch Backlight ON/OFF:** Click the switch seven times from OFF to toggle the backlight.

Intelligent Mode Memory Function

The flashlight will remember and recall the last used general output level when turned on again, excluding the blinking modes.

USB-C Charging

- Rechargeable via a built-in USB-C charging port.
- Built-in overcharge protection to prevent overcharging.
- The indicator light is green when the voltage is sufficient and red when the battery is low.
- The charging indicator is red during charging and turns green once fully charged.
- After charging is complete, remember to replace the rubber cover to maintain the waterproof capability.

Battery Usage:

- The flashlight operates on a 10280 lithium-ion battery.
- Recharge the battery promptly when the flashlight dims.
- Replace the battery if it is damaged or nearing the end of its lifespan.
- It is recommended to use batteries from Lumintop or another reputable source. Ensure the positive terminal of the battery faces the flashlight's head during installation.

Multiple Protection Functions

- Overcharge Protection to prevent damage to the battery from overcharging.
- Over-Discharge Protection to prevent damage to the battery from over-discharge.
- Reverse Polarity Protection to prevent damage to the flashlight from incorrect battery installation or short circuit.
- Overheat Protection: When the flashlight's temperature is high, it will automatically reduce the output to prevent overheating and ensure comfortable use.
- Low Voltage Protection: When the voltage drops, the flashlight will reduce the output and eventually shut down automatically.

⚠ Safety & Warnings

1) Battery Warning: Contains a battery. Do not disassemble, heat above 100℃, or incinerate.
2) Choking Hazard: Contains small parts. Not suitable for children under 3 years old.
3) This device is a high-intensity flashlight. To avoid potential injury, do not shine it directly into the eyes.
4) Do not point the light directly at people, animals, moving vehicles, or flammable materials.
5) If the flashlight will not be used for an extended period, loosen the threads to disconnect the power or remove the battery to prevent damage from battery leakage.
6) Properly maintain the battery and charge it every three months to preserve its performance.
7) When carrying or storing the flashlight in a backpack or similar, set it to lock-out mode or loosen the threads to disconnect the power to prevent accidental activation and potential inconvenience.

Warranty

1. 30 Days from Purchase: Free repair or replacement for manufacturing defects.
2. 5 Years from Purchase: Lumintop will repair products free of charge within 5 years of purchase (2 years for products with a built-in battery, 1 year for the battery) if issues occur under normal use.
3. Lifetime Warranty: After the warranty period, repairs are available for a fee covering parts as needed.
4. This warranty does not cover normal wear and tear, improper maintenance, abuse, force majeure, or damage caused by human factors.

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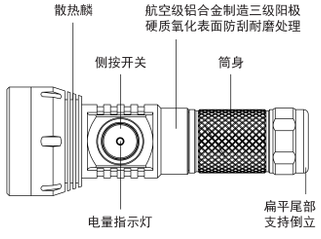
技术参数

ANSI/NEMA FL1	月光	低亮	中亮	高亮	极亮
亮度	1 流明	31 流明	180 流明	400 流明	700 流明
续航	48 小时	4 小时	50 分	1 分 +45 分	1 分 +42 分
射程	400 米（max）				
光强	40000cd（max）				
防跌落高度	1 米				
防水等级	IPX8，水下 2 米				
灯珠	Osram NM1 LED				
电池	1 X 10280 锂离子电池				
功率	9W（max）				
尺寸	67*24*14 毫米				
净重	27 克（含电池）				

注：以上近似参数值为在实验室测试所得，可能会随着使用环境不同而有所不同。由于温控保护设置，高亮、极亮续航时间为累加值。



操作说明

常规模式：低亮，中亮，高亮（带档位记忆功能）
隐藏模式：月光，极亮，闪烁模式。

1 开关机：单击开关。

2 换档：开机状态下长按开关循环切换档位（低亮，中亮，高亮），松开开关选定亮度档位。

3 月光档：关机状态下长按开关进入月光档。

4 极亮档：双击开关进入极亮，极亮状态下长按开关换档。

5 闪烁模式：三击开关进入爆闪，继续三击切换闪烁模式（SOS，信标，爆闪）。

6 锁定 / 解锁：关机状态下四击开关进入锁定，锁定状态按开关可瞬间点亮手电，松手即灭；再次四连按开关或拧松螺纹断电可解锁，锁定 / 解锁时灯会闪一下以示提醒。

7 方位灯：关机状态下连续 7 击开关可开启或关闭方位灯。

智能记忆模式

手电关闭，当再次打开时会记忆并恢复上一次使用时的常规亮度档位，隐藏模式除外。

USB-C充电

1) 内置 Type-C 充电口，不分正反，充电方便快捷。

2) 内置防过充保护，防止过度充电损坏电池和手电。

3) 电量指示灯：电量正常时为绿灯，电量不足时亮红灯。

4) 充电时，指示灯为红色，充满为绿色。

5) 充电完成后，请将硅胶塞放回以确保防水性能。

电池使用

- 本手电使用 1 节 10280 锂离子电池。
- 当手电亮度降低时请及时给电池进行充电。
- 当电池损坏或将达到寿命时，请及时更换电池，推荐使用 Lumintop 厂家电池或信誉良好的电池，并确保电池正极朝向筒 头方向。

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) 电池警告：内含电池。禁止短路、加热至 100℃以上或燃烧。

2) 窒息警告：内含小部件。不适合 3 岁以下儿童。

3) 此手电光强度极高，严禁直射双眼，以免对视力造成危害。

4) 请勿将手电直接指向人、动物、移动车辆或易燃物体。

5) 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。

6) 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。

7) 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，所换产品应为退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，电池 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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