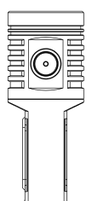
LUMINTOP

GT NANO V5.0

User Manual
使用说明书



LMT-CF1178-241216

Specifications

ANSI/NEMA FL1	Low	Med	High	Turbo	Side White High	Side White Low	RGB Constant	RGB Blinks	UV
Output	60LM	350LM	800-350 LM	1400-350 LM	22LM	8LM	/	/	/
Runtime	4H	50Min	75S+ 45 Min	50S+ 42Min	7H	18H	6H	12H	4H
Distance	180 m (max)								
Intensity	8100cd (max)								
Impact Resistant	1m								
Waterproof	IPX8, underwater 2m								
Light Source	Front: High-performance LED, Side: RGBW LED, UV								
Battery	2 X 10280 Li-ion								
Power	13.5W (max)								
Size	66 X 25.6mm								
Net Weight	About 57g (battery included)								

Notice: The above approximate data are lab-tested with two 10280 Li-ion batteries 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: Turbo, Strobe, SOS, Beacon

Side light: White High, White Low, Red-blue blink, Red, Red blink, Green, Green blink, Blue, Blue blink, UV.

1 ON/OFF: Click the switch once.

2 Output change: From ON, press and hold the switch will ramp the output levels (Low, Medium, High), release the switch to select the desired level.

3 Turbo: Two quick clicks of the switch from the general mode.

4 Blinks: Triple-click the switch to enter Strobe mode. Another triple-click will change the blinking modes (SOS, Beacon, Strobe).

5 Side Light: Two clicks of the switch from off to enter the side white High mode, one click to change the side light modes, two clicks to turn the lamp off.

6 UV: Press and hold the switch from OFF.

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

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

Mode Memory Function

Under the general mode, the flashlight will remember and recall the last used output level when turning on again.

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 turns red when the battery is low.
- The charging indicator is red during charging and turns green once fully charged.
- After charging is completed, remember to replace the rubber cover to maintain the waterproof capability.

Battery Usage

- The flashlight operates on two 10280 lithium-ion batteries.
- 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, please charge it every three months to preserve its performance.
6) When carrying or storing the flashlight in a backpack or similar, set it to lock-out mode 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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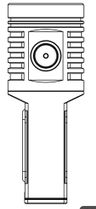

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技术参数

ANSI/NEMA FL1	低亮	中亮	高亮	极亮	侧灯 白光高亮	侧灯 白光低亮	RGB 常亮	RGB 闪烁	UV
亮度	60 流明	350 流明	800-350 流明	1400-350 流明	22 流明	8 流明	/	/	/
续航	4 小时	50 分	75 秒 + 45 分	50 秒 + 42 分	7 小时	18 小时	6 小时	12 小时	4 小时
射程	180 米（max）								
光强	8100cd（max）								
防跌落高度	1 米								
防水等级	IPX8，水下 2 米								
灯珠	主灯：高性能 LED，侧灯：RGBW LED，UV 灯								
电池	2 X 10280 锂离子电池								
功率	13.5W（max）								
尺寸	66 X 25.6 毫米								
净重	约 57 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：极亮，闪烁模式（爆闪 -SOS- 信标）

侧灯模式：白光高亮，白光低亮，红蓝警闪，红常亮，红闪，绿常亮，绿闪，蓝常亮，蓝闪，UV 灯

1. 开关机：单击开关。
2. 换档：开机状态下长按开关循环换档，松开开关选定亮度档位。
3. 极亮：前灯开机状态下双击开关。
4. 闪烁模式：三击开关进入爆闪，再次三击切换闪烁模式（SOS – 信标 – 爆闪）。
5. 侧灯模式：关机状态下双击开关进入侧灯白光，单击切换模式（白光低亮 – 红蓝警闪 – 红光常亮 – 红闪 – 绿光常亮 – 绿闪 – 蓝光常亮 – 蓝闪 – 侧白光高亮），双击关机。
6. UV 灯：关机状态下长按开关。
7. 锁定模式：关机状态下连续 4 击开关进入锁定。锁定状态下按压开关可瞬间点亮手电，松手即灭。锁定状态下四击开关解锁。
8. 按键灯开启 / 关闭：关机状态下连续 7 击开关。

智能档位记忆功能

在前灯常规模式下，手电会记忆上次关机时的亮度档位，并在下次开机时以记忆的亮度档位开机。

USB-C充电

1）内置 Type-C 充电口，约 1.5 小时可充满。

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 2 节 10280 锂离子电池。
- 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。
- 更换电池前，请用一字螺丝刀拧开尾盖，取出旧电池，再将新电池正确装入手电，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，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 C 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，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，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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