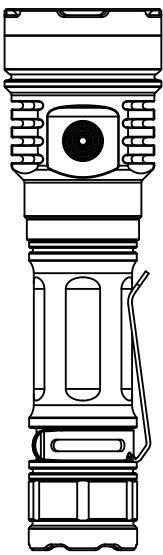


CYANSKY



P50R

Multifunctional Strong Light Outdoor Flashlight

User Manual

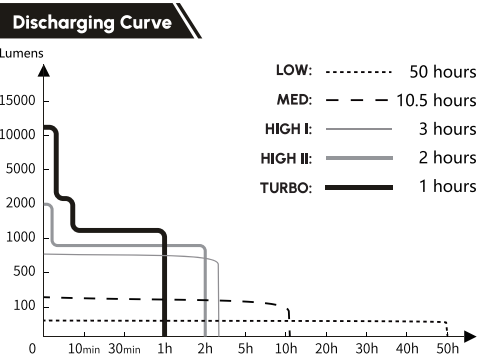
CYANSKY P50R is a super bright, high-performance, lightweight, and portable flashlight. P50R has a maximum brightness of 12,000 lumens and a maximum runtime of 50 hours. Design with 5 different brightness levels and strobe modes to adapt to various lighting scenarios. P50R is IP68 rate dustproof & waterproof, 2 meters impact resistance, with intelligent temperature control and light sensor adjustment, making it safe and reliable for harsh environments. The P50R is the ideal lighting tool for your outdoor, search and rescue, and adventure activities.

Specifications

FLI STANDARD	LOW	MED	HIGH	HIGH II	TURBO	STROBE
OUTPUT (lumens)	50	200	800	2000	12000	6000
RUNTIME (Hours)	50	10.5	3	2	1	2.5
DISTANCE (Meters)	13	52	95	150	328	-
INTENSITY (Candela)	42.5	676	2256	5625	26896	-
IMPACT RESISTANCE	2 Meters					
WATERPROOF	IP68(2 meters underwater)					
SIZE	5.51" * 1.60" * 1.00" / 140 * 40.5 * 25.4 mm					
WEIGHT	5.71oz / 162g (excluding battery)					
WORKING TEMPERATURE	-30°C-55°C/-22°F-131°F					
STORAGE TEMPERATURE	-35°C-65°C/-31°F-149°F					

Note:
The above data is based on ANSI / PLATO FL1 standard, using 1 * CYANSKY 4000mAh 2700 power lithium battery tested in CYANSKY laboratory environment of 25 ° C ± 2 ° C and 50%-80% humidity. Actual use may change due to battery and usage environment changes.

The runtime of TURBO is the total accumulated duration of the product circuit intelligent reduced brightness level test.



Product Features

- The product uses 4 * Cree XHP50.3 LEDs with a life of 50,000 hours.
- The product uses a 4000mAh capacity 21700 lithium-ion power battery (included with the package).
- Intelligent IC controls temperature to avoid overheating, causing product damage or discomfort when used.
- Intelligent memory function.
- With the light sensor function and switch lock protection function. To prevent accidentally pressing the power on after the brightness is too high, burn surrounding objects to improve safety and reliability.
- Power indicator 4 kinds of display current battery power and charging indication function.
- Shell is made of A6061-T6 aircraft-grade hard aluminum alloy.
- HAIII hard-anodized anti-abrasive processing surface.
- Metal reflector design.
- Support Type-C 5V/2A charging.
- Product maximum power: 120W (6V/20A).
- Lighting angle: spotlight 20°, floodlight 90°.

Certifications

CE、WEEE、FCC、RoSH 2.0、UKCA、sea/air safe transport.

Operating Instruction

Power On:

In the non-locked state, long press the switch to turn the power on.

Power off:

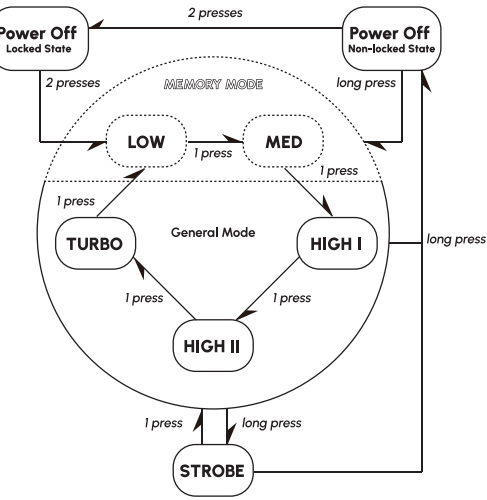
Long press the switch to turn the power off.

Switching Brightness Levels:

Press the switch to switch the brightness levels when the power is on.

Switching Mode:

In the general lighting state, long press the switch to switch to the STROBE mode.
In the STROBE mode, press the switch to switch to the general lighting mode.



Memory Function:

The flashlight has a memory function. When the flashlight is turned off, it will save the brightness level (LOW&MED) used before. Automatically light up with the saved brightness (MED for turn off in HIGH&TURBO) level when turning on the power. Automatically light up with MED level when last turning off in HIGH&TURBO level.

Locking and Unlocking:

Locking:
Double-click the switch, and the flashlight flashes 2 times, indicating the product is locked.

Unlocking:

a. Double-click the switch, turning the product on directly with the LOW level. The product can be operated.
b. Insert the charging cable charging, and the product will automatically Unlock (charging to unlock automatically, the flashlight does not flash).

Product lock state prompt: In lock state, click or double-click the switch; at this time, the product will flash 2 times with LOW level to indicate that the product is locked and then extinguished.

Charging:

Open the protective cap, and plug the charging cable connected to the power supply into the TYPE-C charging port. The indicator light turns red when charging and turns green when complete. 5V/2A high current charging. 2 hours is fully charged. Unplug the charging cable after completion, and cover the protective cap. You can turn on the flashlight with the MED brightness level when charging.

Battery Level Indication:

The indicator will show the battery power level when the power is on. The indicator will go off after 3 seconds.
When the power is off, press the switch to display the power level, and the display will be turned off automatically after 3 seconds. Press the switch again to close the power indication if the display does not end.
Battery power level:
Green light: 75%-100%;
Green light blinking: 50%-75%;
Red light: 25%-50%;
Red light blinking: 0%-25%.

Low Voltage Warning:

When the battery is low, the power indicator flashes red light continuously 3 times per second, and the current working LED light flashes 3 times every 3 minutes. It reminds the user to replace the battery.

Low Voltage Lower Brightness Levels:

When the flashlight detects that the battery voltage is lower than 3.0V, the flashlight will lower the current brightness level until the LOW level. The product automatically turns off when the battery voltage is reduced to 2.7V.

Protection for Limit Time:

Brightness Level with time limit protection design. After working on the TURBO level of 12000 lumens for 15 seconds, the flashlight will lower automatically to 6000 lumens. 30 seconds later, the flashlight will lower automatically to 3000 lumens. 60 seconds later, the flashlight will lower automatically to 1500 lumens. Then it will adjust the brightness according to the temperature security.

Temperature Control Protection:

The product temperature is higher than the safety value will reduce the product brightness through temperature control to avoid product damage and injury to the user.

Light Sensor Function:

The brightness of the product is very high. When the product is in a bag or pants pocket, to prevent accidentally pressing the switch and resulting in burning objects, the product added the light sensor function from the user's safety point of view. The specific open/close operation is as follows:

Each time powered on, the product is turned on the default light sensor function, and you can manually turn it on or off during use. The operation is as follows:

When the flashlight is turned on, press 3 times switch and the flashlight flashes 3 times, indicating that the product has turned off the light-sensing function. At this time, press 3 times the switch again, and the flashlight flashes 3 times, indicating that the product has opened the light-sensing function.

When the light sensor function is on, if an object is blocking the light (defined as the blocking object being within approximately 20 cm of the light source), the output is directly reduced to approximately 200 lumens, then stops reducing. If the object is removed, the brightness is slowly restored to the current brightness of the corresponding mode.

Caution

- Please remove the batteries when the product is left unused.
- When carrying, please turn the battery cover loose half a turn to let the product power off to avoid mistakenly lighting
- Please remove the batteries when the product is left unused.
- When carrying, please turn the battery cover loose half a turn to let the product power off to avoid mistakenly lighting up while carrying.
- Children must use this product under adult supervision.
- Do not look directly at the product due to its high brightness, which may cause eye injury and temporary blindness.
- Do not put the product with the battery into the fire. Otherwise, it will explode.
- Do not put the product with opened cover into water.
- Do not install the battery with the cathode and anode reversed.

Warranty Terms

- 15 days free replacement: If the product has quality problems under normal use within 15 days from the date of sale, customers can choose to replace the new product. The replacement product should have the same model and specifications as the new one. If the same model and specifications are no longer in production, the replacement product will not be lower than the original product's performance of similar products of the same brand.
- 5 years free warranty: If the product has quality problems under normal use within 5 years (1 year for the battery) from the date of sale, the user has free repair services. The user may pay to repair the product out of warranty. Only charge the cost of parts.
- Consumers warranty with the "warranty card": shopping invoices or receipts, or online shopping retailer provided the number to contact the dealer. The dealer will provide services to consumers. CYANSKY will provide service support to the dealer.
- The warranty service does not cover any damage or failure caused by:
 - 1. Extreme high dropping, unauthorized modification, or alteration.
 - 2. Improper use, storage, or maintenance.
 - 3. Battery leakage.
 - 4. Saltwater and corrosion damage the product.
 - 5. Damage caused by improper maintenance.
 - 6. Ordinary wear, tear, and fading.

Included

1 * P50R flashlight, insulated patch, 1 * BL2140P lithium battery, waterproof ring, charging cable, holster, manual, warranty card.



CYANSKYLIGHT CO., LTD

Website: <https://www.cyanskylight.com>

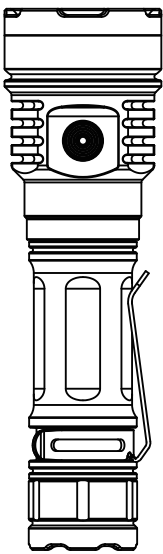
Email: info@cyanskylight.com

Tel: 0086-769-82829209

Add: 601, 2# Building, Xiangdong Technopark, 7# Bainishan Middle Road, Dalingshan Town, Dongguan, 523000, China



CYANSKY



P50R

多功能强光户外手电

产品说明书

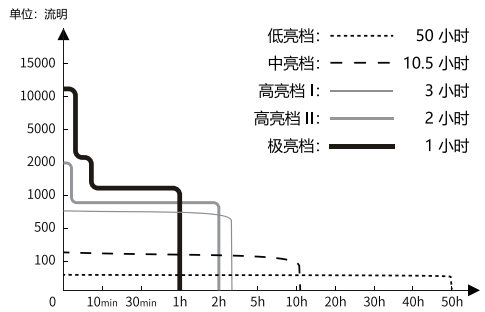
CYANSKY P50R是一款超高亮度、性能强悍、轻巧便携的手电筒，最大亮度高达12000流明，最长续航可达50小时。具备5个不同亮度档位以及爆闪模式适应各种照明场景需求。P50R拥有IP68防水防水等级和2米抗冲击能力，搭配智能温控和光感应调节等功能，使其在严酷的环境下使用依然安全可靠。P50R是您户外、搜救、探险活动的理想照明工具。

产品参数

档位	低亮档	中亮档	高亮档	高亮档II	极亮档	爆闪档
亮度 (lm)	50	200	800	2000	12000	6000
续航 (小时)	50	10.5	3	2	1	2.5
射程 (m)	13	52	95	150	328	-
发光强度 (坎德拉)	42.5	676	2256	5625	26896	-
跌落高度	2米					
防水级别	IP68 (水下两米)					
尺寸	140mm (长度) * 40.5mm (头部直径) * 25.4 (筒身直径)					
重量	162克 (不含电池)					
工作温度	-30°C-55°C/-22°F-131°F					
储存温度	-35°C-65°C/-31°F-149°F					

注意:
以上数据根据ANSI / PLATO FL1标准, 使用一节CYANSKY 4000mAh 21700动力锂电池在25°C±2°C, 湿度50%-80%的环境下, 于CYANSKY实验室环境中测试所得数据, 实际使用中可能会因电池及使用环境改变而改变。
极亮档续航时间为产品电路智能降档测试的累计续航时间总长。

放电曲线



产品特点

- 产品使用4颗Cree XHP50.3灯珠, 寿命达50000小时;
- 产品使用一节4000mAh容量的21700锂离子动力电池 (随包装赠送);
- 产品采用智能IC控制温度, 避免过热引起产品损坏或表面过热造成不适;
- 带档位记忆功能;
- 带光感应功能, 按键锁定保护功能, 防止误触开机后亮度过高灼烧周围物体, 提高安全性;
- 电量指示灯4种状态显示当前电池电量和充电指示功能;
- 外壳采用A6061-T6航空级铝合金材质;
- 产品表面采用军规3级硬质阳极氧化抗磨损处理;
- 反光杯金属设计;
- 支持Type-C 5V/2A充电;
- 产品最大功率: 120W (6V/20A);
- 照明角度: 聚光角度20度, 泛光角度90度。

认证

CE、WEEE、FCC、RoHS 2.0、UKCA、海运/空运运输鉴定报告。

操作说明

开机:

关机非锁定状态下, 长按按键开机。

关机:

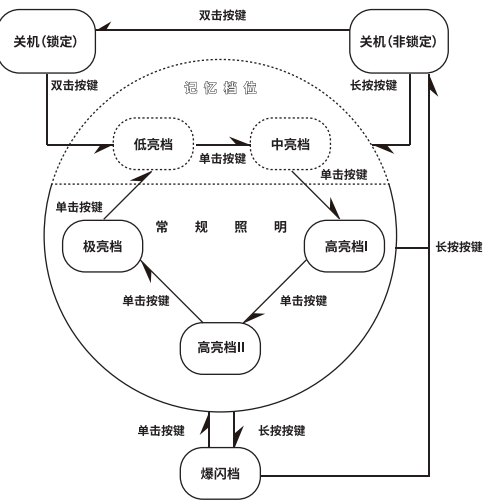
运行状态下, 长按按键关机。

换挡:

运行状态下, 单击按键循环切换档位。

切换模式:

常規照明状态下, 长按按键, 切换到爆闪模式; 爆闪模式下, 单击按键, 切换到常規照明模式。



档位记忆:

产品低亮档、中亮档具有档位记忆功能, 其他档位不做记

忆功能, 每次关机时产品会自动记录关机前常規照明模式使用的档位, 开机时自动进入常規照明模式下已记录的档位 (高亮档, 极亮档下关机, 开机后直接点亮高亮档)。

锁定和解锁:

锁定:
双击按键, 此时照明灯闪烁2次, 提示产品已经进入到锁定状态。

解锁:

方式1: 双击按键, 然后产品开机后直接点亮低亮档, 此时产品可进入到正常操作状态;
方式2: 插入充电线充电, 产品会自动解锁 (此方式为充电自动解锁, 产品照明灯不闪烁)。

产品锁定状态下提示: 锁定状态中, 单击或双击按键, 此时产品会以低亮档亮度闪烁2次提示产品处于锁定状态, 然后熄灭;

充电操作:

翻开充电口保护帽, 将适配器的充电线插入产品的Type-C充电口, 支持5V/2A充电, 充电时显示红灯, 充满显示绿灯, 2小时充满。充满后请拔下充电线, 盖上保护帽。充电时可开启中亮档。

电量显示:

产品开机时指示灯显示当前电量, 电量指示灯在开机3秒后熄灭; 关机状态下, 单击按键显示电量, 显示3秒后自动关闭电量显示, 若显示未结束, 再次单击按键, 可关闭电量指示。
电池电量在75%以上显示绿灯; 电池电量在50%-75%, 电池绿灯闪烁; 电池电量在25%-50%之间, 显示红灯; 电池电量在25%以下, 红灯闪烁, 提示电量不足。

低电量提示:

工作状态下, 当电量不足时, 电量指示灯红灯以每秒闪烁3次持续闪烁, 当前工作的LED灯每3分钟重复闪烁三

次, 提示电池电量低, 需要充电或更换电池。

低电压档:

当产品检测到电池电压低于3.0V, 产品会逐步自动降低当前模式工作档位, 直到降低到低亮档; 电池电压降低到2.7V时产品自动关机。

限时保护:

产品极亮档具有限时保护设计, 极亮档工作时, 12000流明亮度下工作15秒种左右, 会逐渐降低到约6000, 工作30秒种左右, 会逐渐降低到约3000流明, 工作60秒种左右, 会逐渐降低到约1500流明, 然后会根据温度安全性来调节亮度。

温控保护:

产品温度高于安全值, 会通过温控降低产品亮度, 以避免产品损坏和伤害用户。

光感应功能:

因产品亮度太高, 当产品放入包包或者裤兜, 为防止误触点亮导致灼烧物体, 从用户使用的安全角度考虑, 产品加入了光感应功能, 具体开启/关闭操作如下:
• 产品每次开机默认开启光感应功能, 使用过程中可以手动开启或关闭, 操作如下:
产品开机运行状态下, 三击按键, 此时照明灯光闪烁3次, 提示产品已经关闭光感应功能, 此时, 若再次三击按键, 照明灯光闪烁3次, 提示产品已经开启光感应功能;
• 产品在运行状态下, 如有物体遮挡光线 (定义为遮挡物与光源大约在20厘米距离之内), 亮度降低到约200流明左右停止降低。若移除遮挡物, 亮度则会慢慢恢复到当前档位亮度。

注意事项

- 产品长时间放置不使用, 请将电池从中取出;

- 携带时请将筒身旋松半圈, 让产品彻底断电, 避免在携带时误点亮;
- 儿童须在成人的监督下使用本产品;
- 产品亮度高, 请勿直视, 否则会造成眼睛伤害和短暂失明;
- 请勿将装有电池的产品投入火中, 否则会发生爆炸;
- 请勿将打开电池盖的产品投入水中;
- 请勿将电池的正负极短接。

保修条款

- 产品自售出之日起15天内, 在正常使用情况下, 出现产品质量问题, 客户可选择更换新品, 所换产品应为同型号同规格的新品; 如同型号同规格的产品停止生产时, 则调换不低于原产品性能的同品牌同类产品。
- 5年免费保修期: 产品自售出之日起5年内 (电池1年内), 用户在正常使用情况下, 出现产品质量问题, 则享受免费维修服务。5年后可以进行有偿维修, 只收取零件成本费。
- 消费者保修时凭《保修卡》、购物发票或收据或网上购物时零售商提供的号码与经销商联系, 由经销商对消费者提供服务, 我公司将对经销商提供服务支持。
- 保修服务不包括由以下原因造成的任何损坏或故障:
 - 1. 过高掉落、擅自修改或改造;
 - 2. 使用、存放或维护不当;
 - 3. 电池漏液;
 - 4. 盐水和腐蚀损坏机组;
 - 5. 维护不当造成的损坏;
 - 6. 普通磨损/褪色。

包装清单

P50R手电、绝缘贴片、1*BL2140P锂电池、防水圈、充电线、手电筒、说明书、吊牌、保修卡。



东莞市亦明电子有限公司

网站: <https://www.cyanskylight.com>

邮箱: info@cyanskylight.com

电话: 0769-82829209

地址: 广东省东莞市大岭山镇白泥山中路7号向东科技园2号楼6楼

