

## CYANSKY

# HS7R

### 多功能可充电头灯

#### 产品说明书

CYANSKY HS7R头灯是一款以21700锂电池为电源、具有卓越性能和多种实用功能的可充电强光头灯。HS7R头灯搭载高品质LED光源，提供了聚光和泛光两种照明模式。聚光最大输出达2800流明，泛光最大输出达2000流明。多种模式设计，可以让您轻松切换以适配不同场景。多色温搭配则提供了舒适自然、明亮精准的光线选择，无论是户外探险还是工业作业，均能为您带来最佳的视觉体验。HS7R头灯拥有强悍的性能，头灯具备可拆卸的不锈钢支架与加宽头灯带，头戴稳固、快拆方便、握持称手。头灯具备IP68防水防尘等级，通过2米跌落测试。在安全性方面，HS7R头灯融入了智能温控和光感应调节等多项配置，确保在使用过程中为您带来无比的照明体验。融合了实用性和创新设计，HS7R多功能充电头灯将为您的冒险旅程增添光彩！

#### 产品参数

模式	聚灯照明				泛光照明			
档位	低亮	中亮	高亮	超亮	低亮	中亮	高亮	超亮
亮度(流明)	50	200	800	2800	15	100	500	2000
续航(小时)	100	26	6	4	140	48	9.5	4.5
射程(米)	25	51	100	186	10	20	64	91
光束直径(厘米)	156	650	2500	8649	25	100	1024	2070

防水等级：IP68(防水下米)

尺寸：103mm(长)×26mm(高)×32mm(宽)

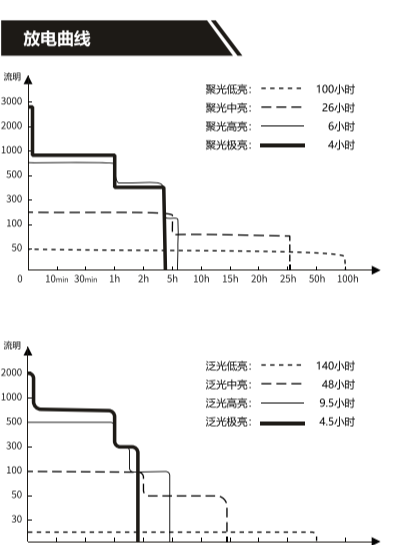
重量：裸机14g;整机(含电池)14g;整机(含电灯头、支架)21g

工作温度：-30°C~65°C/22°F~149°F

储存温度：-35°C~65°C/-31°F~149°F

注：以上数据根据ANSI FL1 PLATO FL1标准，使用一节CYANSKY 5000mAh 21700锂电池在25°C±2°C、湿度50%~80%的环境下，于CYANSKY实验室环境中测得数据，实际使用中可能会因温度及湿度等因素有所偏差。极亮续航时间为产品电路智能降频测试的累计续航时间总长。

#### 放电曲线



·红、绿指示灯4频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；  
·产品表面采用军规三级硬阳极氧化抗磨损处理；  
·全金属反光杯，耐磨耐用、全金属设计；  
·配备不锈钢支架、头灯支持拆卸，可握持当手电使用；  
·支持Type-C 5V/2A充电；  
·产品最大功率：30W(6V/5A)；  
·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，长按聚光或泛光按键0.5秒开机。

##### 关机

聚光运行状态下，长按聚光按键0.5秒关机；泛光运行状态下，长按泛光按键0.5秒关机。

##### 切换模式

聚光模式下，长按泛光按键0.5秒，切换到泛光模式；泛光模式下，长按聚光按键0.5秒，切换到聚光模式。

##### 档位记忆

产品具备档位记忆功能，每次关机时产品会自动记录当前模式使用的档位。开机时自动进入相应模式下已记录的档位。

##### 锁定和解锁

关机非锁定状态下，以下方式可进入锁定状态：  
方式1：长按聚光按键3秒，此时聚光灯闪烁2次，提示产品已进入锁定状态；  
方式2：长按泛光按键3秒，此时泛光灯闪烁2次，提示产品已进入锁定状态；  
方式3：长按聚光按键3秒，然后产品开机后直接点亮聚光低亮档，此时产品可进入正常操作状态；

#### 包装清单

HS7R头灯(含支架、灯带)、绝缘贴片、1\*21B2150U电池、防水绳、充电线、收纳袋、说明书、保修卡、赠品。

#### 注意项

- 请在产品放置不用时取出电池；
- 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；
- 请勿将含有液体的产品放入水中，否则会导致产品损坏；
- 请勿将打开电池的产品的投入水中；
- 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，出现产品品质问题，客户可选择退换货。所换产品应为同型号同规格的新品，如因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质同类产品。  
·5年免费保修期：灯产品自售出之日起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，只收取成本费用。

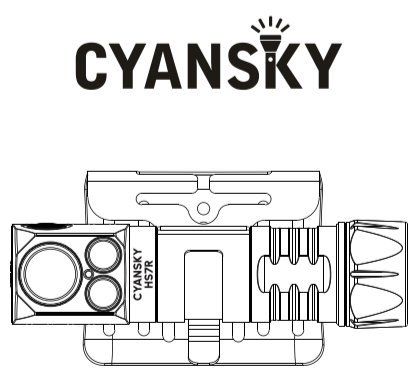
#### 售后服务

·消费者保修时凭(保修卡)、购物发票或收据或网上购物时带有物流单号等与经销商联系，由经销商为消费者提供服务，我公司将对经销商提供技术支持。  
·保修服务不包括由以下原因造成的任何损坏或故障：  
1. 正常磨损、擅自更改或改装；  
2. 使用、存放或维护不当；  
3. 电池漏液；  
4. 非正规渠道维修机损坏；  
5. 维护不当造成的损坏；  
6. 普通磨损/褪色。

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## CYANSKY

# HS7R

### Multifunctional Rechargeable Headlamp

#### User Manual

The HS7R headlamp is a rechargeable high-performance headlamp with various practical functions powered by a 21700 lithium battery.

HS7R has high-quality LED lights and provides spotlight and floodlight modes. The spotlight mode can output up to 2800 lumens, and the floodlight mode can output up to 2000 lumens. With multiple modes, you can easily switch to adapt to different scenarios. The multiple color temperature options also provide a comfortable, natural, and precise light source, making it suitable for outdoor adventures and industrial operations, providing you with an excellent visual experience.

The HS7R headlamp has robust performance. It comes with a detachable stainless-steel bracket and a widened headband, which can be easily worn and removed, and held comfortably in hand. The headlamp has an IP68 waterproof and dustproof rating and has passed a 2-meter drop test. Regarding safety, the HS7R headlamp integrates intelligent temperature control and light sensing adjustment to ensure a worry-free lighting experience during use.

With practicality and innovative design, the HS7R multifunctional rechargeable headlamp will add brilliance to your adventure journey!

#### Specifications

FLI STANDARD	Spotlighting				Floodlighting				
	LEVEL	LOW	MED	HIGH	TURBO	LOW	MED	HIGH	TURBO
OUTPUT (lumens)	50	200	800	2800	15	100	500	2000	
RUNTIME (hours)	100	26	6	4	140	48	9.5	4.5	
DISTANCE (Meters)	25	51	100	186	10	20	64	91	
INTENSITY (cd/m²)	156	650	2500	8649	25	100	1024	2070	

IMPACT RESISTANCE: 2 meters

WATERPROOF: IP68 (2 meters underwater)

SIZE: 4.06" \* 1.02" \* 1.26" / 103mm \* 26mm \* 32mm

WEIGHT: 7.5oz / 213g (including battery and accessories)

WORKING TEMPERATURE: -30°C ~ 65°C / -22°F ~ 131°F

STORAGE TEMPERATURE: -35°C ~ 65°C / -31°F ~ 149°F

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

#### Product Features

- Using 1 \* Lumius SFT70 cool white LED for spotlighting and 2 \* OSRAM DURIS P9 medium white LEDs for floodlighting, with 50,000 hours of lifespan.
- Using 1 \* 5000mAh capacity 21700 Lithium-ion battery (included with the package).
- Intelligent IC to control the temperature to avoid overheating, causing damage to the product, or discomfort caused by the too-hot surface.
- Constant current circuit with constant brightness.
- Intelligent memory function.
- With light sensor function, to prevent mistakenly touching the power on after the brightness is too high burn surrounding objects, to improve safety and reliability.
- Shield is made of A6061-T6 aircraft-grade hard aluminum alloy, HAIII hard-anodized anti-abrasive processing surface.
- All-metal reflector, Magnetic tool cover, All-metal design.
- Equipped with a stainless steel bracket. Headlamp support disassembly can be held as a flashlight using Type-C 5V/2A charging.
- Maximum power: 30W (6V/5A).
- Lighting angle: 20° spotlight, 90° floodlight.

#### Certifications

CE, WEEE, FCC, RoHS 2.0, UKCA, sea/air safe transport.

#### Operating Instruction

##### Power On

Press and hold the spotlight/floodlight switch for 0.5 seconds to turn on the power.

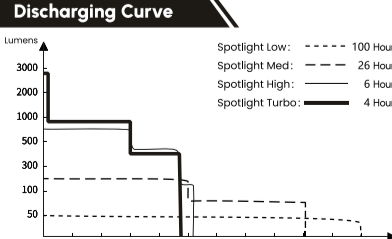
##### Power Off

Press and hold the spotlight/floodlight switch for 0.5 seconds to turn off the power.

##### Switching Brightness Levels

In spotlighting mode, press the spotlight button to cycle through the spotlight brightness levels.

#### Discharging Curve



#### Product Lock State

Product lock state prompt lock state, click or double-click the spotlight or floodlight button, then the product will correspond to the spotlight or floodlight low brightness flashing 2 times, prompting the product in the lock state, 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. When charging, you can turn

#### Battery Level Indication

When turning on the headlamp, the indicator will show the battery level.  
Green light: 75%-100%.  
Green light blinking: 51%-75%.  
Red light: 26%-50%.  
Red light blinking: 0%-25%.  
The indicator light goes off automatically after 3 seconds.

#### Low Battery Warning

When the power is off, press the spotlight or floodlight button to display the battery level, and the indicator light will automatically go off after 3 seconds. If the indicator light doesn't go off, press the spotlight or floodlight button again to turn off the power indication.

#### Low Voltage Low Working Level

When the headlamp detects that the battery voltage is below 3.0V, the headlamp will lower the current working brightness level until the LOW level. The headlamp will power off automatically when the battery voltage is below 2.7V.

#### Protection for Limit Time

TURBO level with time limit protection design. After working on the TURBO level for 1 minute, the headlamp will lower automatically to 800 lumens to avoid overheating. 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 spotlight and floodlight TURBO level is very high. When the product is in a bag or pants pocket, to prevent accidentally touching 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.

#### Caution

- Please remove the battery when the product is left unattended.
- Children must use the product under adult supervision.
- Do not look directly at the product due to its high brightness, as this 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 connect battery positive and negative terminals backward.

#### Bracket Angle Adjustment

Users can adjust the bracket up and down 90°. It can achieve a 180° adjustment.

#### 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 be the same model and specifications as the new product. As the same model and specifications are no longer in production, the replacement will be not lower than the original product 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:
  - Extreme high dropping, unauthorized modification, or alteration.
  - Improper use, storage, or maintenance.
  - Battery leakage.
  - Schalter and corrosion damage the product.
  - Damage caused by improper maintenance.
  - Ordinary wear, tear, and fading.

### CYANSKYLIGHT CO., LTD

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