产品特性

- 轻巧便携式小头灯
- 多种色温可选
- NU20：高性能CREE XP-G2 S3 LED
- NU20 CRI：日亚219B LED，CRI≥90
- 内置可充电锂电池，续航时间长达100小时
- 自带智能锂电充电电路（Micro-USB通用充电接口）
- 单键开关设计，单手即可操作
- 开关按钮内藏电量指示灯，可以提示电池剩余电量（受专利保护：ZL201220057767.4）
- 设有4种亮度和2种特殊功能可选
- 独特的按键保护灯架设计，可保护按键，防止头灯误触发
- 橘皮反光杯照明设计
- 52°照明角度调节
- 灯体采用PC材料制造，坚固耐用
- 超轻设计，方便携带
- 1.5米防摔能力

体积

尺寸：55.5mm×33mm×21mm（含支架）
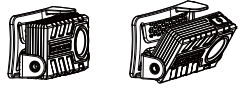重量：47克（含电池）

配件

USB线，头灯带，支架

亮度&时间

NU20

FL1 STANDARD	超高亮	高亮	中亮	超低亮	SOS	信标
💡	360流明	220流明	40流明	1流明	360流明	360流明
🕐	*30分钟	6小时	7小时45分钟	100小时	—	—
📏	80米	60米	27米	5米	—	—
🔦	1600烛光强度	920烛光强度	180烛光强度	6烛光强度	—	—
✓	1.5米（防跌落高度）					
💧	IPX7（防水等级，水下1米）					

NU20 CRI

FL1 STANDARD	超高亮	高亮	中亮	超低亮	SOS	信标
💡	270流明	170流明	30流明	1流明	270流明	270流明
🕐	*30分钟	6小时	7小时45分钟	100小时	—	—
📏	69米	45米	19米	3米	—	—
🔦	1200烛光强度	500烛光强度	90烛光强度	3烛光强度	—	—
✓	1.5米（防跌落高度）					
💧	IPX7（防水等级，水下1米）					

注:以上数据按照国际手电筒测量标准ANSI/NEMA FL1所述之测量方法，所使用电池为：内置锂电池（3.7V 600mAh）。不同使用环境可能会对以上数据产生影响。
*超高亮档位续航时间为理论数值。

使用头灯

开启/关闭

如图所示，调节灯体使按钮与保护盖分开并按下开关按钮，开启头灯。3秒内不进行任何操作，再按下开关按钮，头灯关闭。

注：头灯在开启3秒内连续按下开关按钮，头灯进入亮度调节模式。

亮度调节

在头灯处于点亮状态的3秒内，连续按下开关按钮，头灯将按"超低亮-中亮-高亮-待机"顺序切换。3秒内不进行任何操作，再按下开关按钮，头灯关闭。

开启超高亮

在头灯开启状态下，长按开关按钮1秒以上，头灯直接开启超高亮档位（360流明/270流明）。
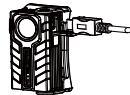注：在超高亮状态下工作30秒后，头灯将降低亮度以防止内部温度过热。

使用特殊档位（SOS/信标）

在头灯关闭状态下，长按开关按钮超过3秒，头灯进入SOS特殊档位。开启3秒内再次按下按钮，头灯切换至信标档位。如需退出特殊档位，可在信标特殊档位启动后按下开关按钮，或在任何特殊档位停止操作3秒钟后，再按下开关按钮。

电量提示

在头灯关闭状态下，按下开关按钮1秒，位于开关按钮的电量提示灯将闪烁提示剩余电量：闪烁三下表示电量大于50%，闪烁两下表示电量少于50%，闪烁一下表示电量少于10%将近耗尽。
注：当电池电量不足，头灯会出现亮度变暗或者无法调光的情况。此时，应对头灯进行充电。

充电

1. 本产品自带USB充电功能。掀开头灯机身的USB保护盖，把USB充电线一端连接至USB插孔，另一端接上电源（适配器、电脑或其他充电设备）即可充电。充电时间约2小时。

2. 充电提示：当头灯处于正常充电状态下，位于开关按钮背面的红色指示灯将长亮；充电完成后，绿色指示灯亮起。

保固

NITECORE®产品拥有售后保固服务。在购买本产品的15天内，如果有任何质量问题均可向经销商要求免费更换。在购买本产品的12个月内享受免费保固服务。在超过12个月免费保固期后，本产品享有终身有限度保固服务，如需要更换重要部件则需收取成本费用。
本保固规则不适用于以下情况：
1. 人为破坏，拆解，改装本产品。
2. 错误操作导致产品损坏。
如对奈特科尔产品有任何疑问，欢迎联系当地的代理商或发邮件到4008869828@nitecore.cn
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NU0608 2022

NITECORE®
The All-Round Flashlight Expert

NU20/NU20 CRI
User Manual

Features
· Highly portable headlamp
· Multiple colour temperature options available
· NU20: Fitted with a CREE XP-G2 S3 LED
· NU20 CRI: Fitted with a Nichia 219B LED, CRI≥90
· Built-in Li-ion battery provides runtime up to 100 hours
· Onboard USB charging circuit
· Single switch user interface design offers easy one-handed operation
· Built-in power indicator (Patent No. ZL201220057767.4)
· 4 brightness level and 2 special modes available
· Unique switch guard to prevent accidental activation
· Textured reflector
· 52°adjustable illumination angle
· Made from durable PC materials
· Lightweight and compact dimensions
· Impact resistant to 1.5 metre

Dimensions
Size: 2.18"×1.29"×0.82"(with bracket)
Weight: 1.66oz(with battery and bracket)

Accessories
USB cord, head band, holder

Output & Runtime

NU20

FL1 STANDARD	TURBO	HIGH	MID	ULTRALOW	SOS	BEACON
☀ (LUMENS)	360 LUMENS	220 LUMENS	40 LUMENS	1 LUMEN	360 LUMENS	360 LUMENS
⏱	*30min	6h	7h45min	100h	—	—
📏	80m	60m	27m	5m	—	—
◎	1600cd	920cd	180cd	6cd	—	—
✓	1.5m (Impact Resistant)					
⬇	IPX7, 1m (Waterproof AND Submersible)					

NU20 CRI

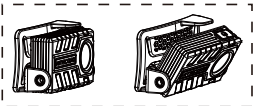| FL1 STANDARD	TURBO	HIGH	MID	ULTRALOW	SOS	BEACON
☀ (LUMENS)	270 LUMENS	170 LUMENS	30 LUMENS	1 LUMEN	270 LUMENS	270 LUMENS
⏱	*30min	6h	7h45min	100h	—	—
📏	69m	45m	19m	3m	—	—
◎	1200cd	500cd	90cd	3cd	—	—
✓	1.5m (Impact Resistant)					
⬇	IPX7, 1m (Waterproof AND Submersible)					

NOTICE: Stated data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1 using an integrated and fully charged 3.7V 600mAh rechargeable Li-ion battery under laboratory conditions. End-user results may vary due to individual usage habits and environmental conditions.
*Runtime for turbo mode is calculated based on theoretical arithmetic.

Operating Instructions
ON/OFF
Draw out the NU20/NU20 CRI to expose the switch from the switch guard as illustrated in the diagram below, press the switch to turn the light on, pressing the switch again after 3 second to turn the light off.

Note: Pressing the switch again within 3 second from when the light is turned on will switch output to the next available brightness.

Brightness Adjustment
Press the switch repeatedly within 3 second from the initial activation will switch output from ultralow-mid-high-off. Pressing the switch again after 3 second from initial activation turns the light off.

Access to Turbo
With the light turned on, hold down the switch for more than 1 second to enter turbo mode (360 lumens for NU20 and 270 lumens for NU20 CRI).
Note: The turbo mode will run for 30 second before stepping down to the next available output to prevent overheating.

Special Modes (SOS/Location Beacon)
With the light turned off, hold down the switch for over 3 second to enter SOS, pressing the switch again within a 3 second interval to switch to location beacon. To exit special mode, press the switch in location beacon mode, alternatively, cease any operation for 3 second then press the switch again.
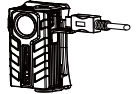
Power Tips
With the light turned off, hold down the switch for 1 second, the power indicator will blink to indicate remaining battery power upon the release of the switch: 3 blinks represent battery power above 50%, 2 blinks represent battery power below 50%, 1 blink represents battery power below 10%.
Note: Recharge the product when output appears to be dim and/or unresponsive.

Recharging
1.This product is USB rechargeable. Raise the micro-USB port cover to expose the charging port, connect the port to a power supply with a USB cord to initiate the charging process. Fully charges the battery take approximately 2 hours.
2. Charging Tip: A red light under the switch will be lit to indicate charging in progress, and it will turn green upon charging completion.

Warranty Details
All NITECORE products are warranted for quality. Any defective /malfunctioning NITECORE product can be repaired free of charge for a period of 12 months from the date of purchase. Beyond 12 months, a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts. The warranty is nullified in either or both of the following situations:
1. The product(s) is/are broken down, reconstructed and/or modified by unauthorized parties.
2. The product(s) is/are damaged through improper use.
For the latest information on NITECORE® products and services, please contact a local NITECORE® distributor or send an email to service@nitecore.com.

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