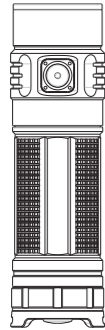


# KLARUS®



## G20

Dual-Switch Mini Search Light

### Features

- CREE Next Gen. XHP70 N4 LED; Up to 3000 Lumen output; Max runtime of 150 hours
- Side and Tail Switch can access One-Touch Turbo, Tail Switch can access One-Touch Low mode
- Independent Dual-Switch Control for Maximum Versatility
- Side Switch memorizes current output mode for ease of use
- Lock-Out mode to prevent accidental power-on and discharging battery for safety
- Integrated Micro-USB charging port with up to 2000 mA charging current for extremely fast recharging (when used with KLARUS 2A adapter cord)
- Intelligent Battery Capacity indication to display the remaining power level
- ITS Temperature Control System guarantees safe operation and protects LED and internal circuitry from overheating
- Aerospace Aluminum Alloy body; Mil-Spec HAIII anodizing for superior protection
- Reverse-Polarity Protection prevents accidental damage from incorrect battery installation
- Convenient Size. Easy to Carry
- Anti-reflective (AR) coated mineral lens, hardened against scratches
- Unique reflector design to attain both Spot and Flood beams with a perfect hotspot

G20 (SLIC): Super Bright; Long Runtime; Indestructible; Convenient

**Warning: Use only 26650 Li-ion batteries in the G20. Do not use 18650/16340/CR123A batteries**

### Specifications

- CREE XHP70 N4 LED; 50,000 hours life

• 4 output levels, 2 strobe patterns

	Mode					
Specification	Turbo	High	Medium	Low	Strobe	SOS
ANSI lumens (LM) 26650 battery	3000	650	160	15	3000	160
Runtime(h) 26650 battery	45min	4h 30min	19h	150h	1h 30min	51h
Peak beam intensity(cd)	5625					
Max beam distance(m)	150					
Impact resistance(m)	1					
Waterproof	IPX8(under water 2m)					

- Battery: Li-ion 26650 Battery x 1 (Use only 26650 Li-ion batteries (included), Do not use 18650/16340/CR123A batteries)
- Voltage Range: 2.5V – 5V
- Dimension: Bezel 36mm (1.41"); Body 34mm (1.34"); Overall Length: 124mm(4.88")
- Weight: 131g (4.62oz) (without battery)
- Material: Aerospace Aluminum Alloy 6061-T6, Mil-Spec HAIII anodizing
- Lens: Hardened Mineral Glass; AR coated; Scratch resistant
- Reflector: Orange Peel
- Body Color: Black
- Switch: Side Switch + Tail Switch
- Protection: IPX-8 rating (up to 2 meters submersible)
- Accessories: lanyard x1, O Ringx1, 26650 Batteryx1, USB Cablex1, Holster x1

### Instruction

**Independent Dual-Switch Control:** Tail Switch and Side Switch can both control power on/off and mode adjustment

#### On/Off:

Single click for power-on, hold switch for 1 second to turn

### power off

#### Switch Mode:

While flashlight is on, single click to switch to the next output in order of Low-Med-High-Turbo modes

#### Mode Memory:

Side Switch will return the flashlight to previous used mode when used to power on the light. Strobe/SOS settings are not memorized. Tail Switch has no memory function

#### Strobe/SOS:

Double click at any time to enter Strobe mode, double click again to enter SOS mode. Single click at any time to exit.

#### One-Touch Turbo:

Hold Tail Switch or Side Switch to enter Turbo mode instantly. Release switch to exit

#### One-Touch Low:

When in power-off mode, click Tail Switch once to enter Low mode

#### Lock-Out:

Hold both Tail and Side Switches for 2 seconds to enter Lock-Out mode. To exit Lock-Out, click any switch 3 times rapidly. The flashlight will blink twice to signal Lock-Out mode entry and exit

When in Lock-Out, pressing any switch will flash the Side Indicator Light 3 times to signal Lock-Out.

### Intelligent Temperature Control

Intelligent Temperature-Control System will automatically adjust the output of the flashlight based on current temperature registered in the flashlight to avoid overheating. This system will protect the LED and internal circuitry against damages and prolong the life and safety of the flashlight

### Battery Remaining Indicator

- When flashlight is initially turned on, the battery indicator light on the side switch will flash for 5 seconds then turn off
- Green indicator: 70%-100% charge
- Orange indicator: 30%-70% charge

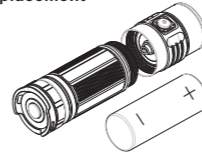
• Red indicator: less than 30% charge

- When the power is less than 10%, the indicator light will illuminate
  - RED and then flicker to alert user that capacity is critical
- Note: The battery indicator status works only if you are using a 26650 Li-ion battery

### Battery Recharge

Micro-USB port for recharging the installed Li-ion battery. Maximum recharging current 2000 mA  
26650 Li-ion battery recharging time is approx. 4 hours (with KLARUS charging cable and KLARUS 26650 Li-ion battery)

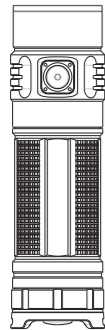
### Battery replacement



### Usage and Maintenance

- The flashlight's surface will increase in temperature during use, especially during periods of higher lumen output. The maximum safe operating surface temperature of the flashlight is 60°C/140°F
- Please fully charge battery before initial use. Included battery is charged to less than 50% as a safety measure and will not power the flashlight at full specification without charging
- Do not shine light directly into eyes
- Remove battery when stored for extended periods
- Please unscrew the light's body to avoid accidentally switching the light ON when not wanted during an emergency situation

# KLARUS®



## G20

迷你双开关高亮手电

### 特点

- 采用美国CREE公司新一代XHP70 N4 LED,亮度高达3000LM
- 标配一节5000mAh的26650电池,最长续航长达150小时
- 前后两个开关均可一键直达最高亮,尾部开关可一键最低亮,方便快捷
- 侧按和尾部开关完全独立开关和调档,互不影响,满足各种操作习惯
- 侧按开关具有关机记忆功能,开机时恢复前次的亮度模式
- 特有开关锁定功能,前后开关均可锁定,锁定后避免在旅行包内误点亮消耗电量,也可避免小孩把玩,高亮误伤眼睛
- 内置迷你USB充电口,支持2000mA快速充电(如需快速充电,请选用KLARUS 2A适配器)
- 智能电量指示功能,显示剩余电量
- ITS智能温控系统,以保证产品安全稳定的运行,并最大限度的保护LED及内部元器件,更可靠更安全
- 航天级铝合金材质,军工三级硬质阳极氧化处理,耐磨、轻便、坚固
- 防反接设计,防止电池装反对电路造成危害
- 迷你尺寸,手握更舒适
- 主灯镜片采用钢化玻璃,镀AR膜,防刮耐磨
- 全新设计反光杯,兼顾远射和泛光,光斑完美

此款手电,亮度高,续航长,体积小,使用方便

**本产品禁止使用18650电池,否则可能引起爆炸,后果自负**

### 规格

- 使用XHP70 N4 LED,寿命长达50000小时
- 电池:1\*26650(禁止使用18650/CR123A/16340电池)
- 工作电压:2.5-5V
- 尺寸:124mm(长)\*36mm(头)\*34mm(身)

- 净重:131克(不含电池)
- 材料:航天级铝合金6061-T6+不锈钢,并经过军工三级硬质阳极氧化处理
- 4种亮度模式、2种闪烁模式

	ANSI/NEMA FL1					
Specification	极亮	高亮	中亮	低亮	爆闪	SOS
亮度(LM) 26650电池	3000	650	160	15	3000	160
续航时间(h) 26650电池	45min	4h 30min	19h	150h	1h 30min	51h
最高亮强度(cd)	5625					
高亮射程(m)	150					
防水深度(m)	1					
防水等级	IPX8级防水(水下2m)					

- 镜片:钢化玻璃镜片,镀AR膜,防刮耐磨
- 光杯类型:粗桶面光杯
- 颜色:黑色
- 开关:尾按+侧按
- 防水IPX-8设计(水下2米)
- 配件:手绳,O圈,26650电池,USB线,布套

**备注:**以上参数是按照国际手电筒测量标准ANSI/NEMA FL1所述之方法测量所得,所使用电池为1节5000mAh 26650电池,实际数据可能会随着不同电池或使用环境而产生影响

KLARUS是美国手电行业协会(PLATO)的成员,参与制定和优化ANSI/NEMA FL1手电标准,产品测试数据标准科学。为了提升手电使用效率,建议使用KLARUS凯瑞兹高可靠、高性能的电池和充电器

### 操作说明

**双开关独立操作:**尾部和侧按开关均可独立开关、调档

**开机:**单击开机,长按1秒关机

**调档:**开机状态下,单击调档,低、中、高、极亮循环

**记忆功能:**侧按开关有记忆功能,记忆当前常亮档位;下次开机进入记忆档位;闪烁无记忆功能;尾部开关无记忆功能

**爆闪/SOS:**按键未锁定时任何状态下快速双击进入爆闪,单击返回原状态,在爆闪模式下快速双击进入SOS,单击返回进入闪烁前状态

**一键高亮:**尾部开关和侧按开关长按进入最高亮,松手返回原状态

**一键低亮:**关机状态下,尾部开关开机进入最低亮

**锁定功能:**在未锁定的状态下,前后开关同时按住两秒钟锁定,快速单击任意开关三次解锁(锁定和解锁时主灯闪烁两次,提示已锁定或解锁) 锁定状态下单击任意开关,侧按开关指示灯会闪烁三次,提示按键在锁定状态

### 温控系统

智能温控系统,在最高亮时智能温控系统会根据手电筒的温度来调节手电亮度,最大限度的保护LED及内部元器件,更安全可靠

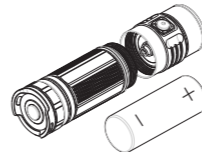
### 电量指示

开机后侧按键指示灯显示5秒,5秒后关闭。  
绿色,表示剩余电量70%-100%  
橙色,表示剩余电量30%-70%。  
红色,表示剩余电量30%以下  
电量在低于10%时指示灯红灯闪烁,主灯每隔3分钟闪2次  
注:此电量指示功能只对26650锂离子电。

### 充电功能

迷你USB充电,充电电流最大2000mA。26650电池充电时间约4小时(用KLARUS适配器充KLARUS 26650电池的情况下)

### 电池安装



### 使用及维护

- 手电在使用过程中,手电表面温度在60度以下属于正常情况,请放心使用
- 充电电池出厂时只有50%以下电量,直接使用不能达到最高亮度和正常续航时间,首次使用请将电池充满
- 为达到最佳防水性能,请定期检查防水O圈的完整性,并适当涂抹润滑油于防水O圈上以延长使用寿命。如O圈损坏,请及时更换原厂O圈以确保您所使用之产品的优异防水性能
- 请勿将手电筒的光线直接照射人类或动物的眼睛
- 手电筒不用时,可将筒身扭松,避免误操作
- 长时间不使用手电筒时,请将电池取出,并妥善存放

### 保修

- 15天保换期: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或维修服务,要求更换时,所换产品应为返修产品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产品
- 5年免费保修期:自售出之日起5年内,用户在正常使用情况

• Replace and lubricate O-Rings as needed to maintain IPX-8 rating

### Warranty

- KLARUS guarantees the flashlight against defects in material and workmanship. Flashlight products that are found to be defective under normal use within 5 years of the proof of purchase date will be repaired or replaced without charge
- This warranty does not cover damage caused by accident, unreasonable use or product alteration. Failure to follow the general maintenance directions could result in damage to your flashlight that may not be covered by the KLARUS warranty

### Limited lifetime warranty

If problems develop after 5 years from the date of purchase, KLARUS will charge for parts. The total repair fee will be assessed according to the cost of the replacement materials. If damage to the light is substantial, KLARUS will contact the customer via the distributor with a quote. The customer can then decide whether to proceed with the repairs or not. Freight will be paid by distributor or customer.

### Warranty Procedure

- If this flashlight does not perform to the specification, the product will be repaired or replaced as described above.
- Please contact your original KLARUS dealer for replacement and repairs
- If the warranty issue cannot be resolved by the dealer, please contact KLARUS at info@klaruslight.com for assistance. Please provide the following information to expedite the process:
  - 1) List the series number on the light,
  - 2) Include a detailed description identifying the issue, accompanied by pictures or a short video demonstration if necessary
  - 3) Provide the name and store of the dealer you made the purchase from; and a copy of the proof of purchase



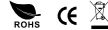
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