

KLARUS®



P20 Pen Light

V2-2018.12.05

Specifications

- Nichia 219C LED, 5000K, lifetime up to 50,000 Hours
- 3 lighting levels

Mode	High	Medium	Low
Specification			
ANSI lumens (LM) AAA*2 batteries	230	66	4
Runtime(h) AAA*2 batteries	0.57	15	193
Beam intensity(cd)	1059	300	20
Beam distance(m)	65	35	9
Impact resistance(m)	1.5		
Waterproof	IPX8(2 Meters Submersible)		

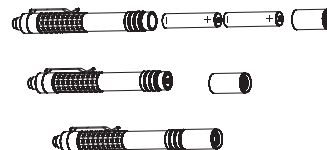
- Batteries: 2 AAA alkaline or NI-MH batteries (can't use 10440 Li-ion batteries)
- Dimension: Head – 14.2mm (0.56")
Body – 12.9mm (0.51")
Length – 133mm (5.24")
- Weight: 26g (0.92oz) without batteries
- Working Voltage: 1.8V-3.3V
- Lens: PMMA optical material, with light transmittance up to 92% light transmission
- Color: Black
- Accessories: O ring

Notice: The above data has been measured in accordance with international flashlight testing standards ANSI/NEMA FL1 using 2pcs high performance AAA batteries under laboratory conditions. The data may vary slightly during actual use due to battery type, individual usage habits and environmental factors. KLARUS is a member of PLATO, participating in and helping to develop the ANSI/NEMA FL1 standard of measurement. Product testing data is in accordance with these internationally recognized scientific standards.

Operation

Three modes, factory default is high mode. Press the switch to change modes(High/Low/Medium) in 2 seconds after turning off. The mode after every change will be memorized immediately and it will be automatically entered into when turning on after 3 seconds of powering off.

Battery Installation



Unscrew the flashlight head, insert two batteries with the negative polarity toward the switch, and screw the head.

Usage and Maintenance

- Clean the surface of the light with a dry cleaning cloth; clean the lens with a soft cleaning cloth.
- To maintain waterproof rating, please lubricate the O-ring with silicone safe lubricant and replace worn O-rings as needed.
- During long term storage, remove the battery and store in a cool and dry location.

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 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 and repairs. 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 dealer with a quote. The customer may decide whether to proceed with the repairs. Freight will be paid by the dealer or customer.

Warranty Procedure

- If this flashlight does not perform as specified, 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 service@klaruslight.com for assistance. Please provide the following information to expedite the process:
 - 1) List the serial 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.



Website



Facebook

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Customer Service: service@klaruslight.com

Website: www.klaruslight.com



Made in China

KLARUS®



P20 笔形手电

V2-2018.12.05

规格

- 使用进口日亚219C LED, 色温5000K, 寿命50000小时
- 3种亮度模式

ANSI/NEMA FL1	高亮	中亮	低亮
亮度 (Lm) (AAA*2电池)	230	66	4
续航时间 (h) (AAA*2电池)	0.57	15h	193h
光强度 (cd)	1059	300	20
射程 (m)	65	35	9
防跌落 (m)	1.5		
防水级别	IPX8级防水 (水下2m)		

- 电池: 使用2节AAA碱性或者镍氢电池 (不能使用10440锂离子充电电池)
- 尺寸: 133mm(长) x 14.2mm(头) x 12.9mm(身)
- 净重: 26克(不含电池)
- 工作电压: 1.8-3.3V
- 透镜: 透光率达92%的PMMA光学材料
- 颜色: 黑色
- 配件: O型圈

备注:

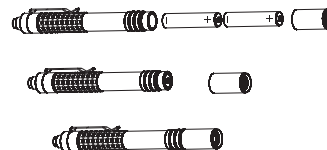
以上参数是按照国际手电筒测量标准ANSI/NEMA F11所述之方法测量所得, 所使用电池为2节高性能AAA电池, 实际数据可能会随着不同电池或使用环境而产生差异。
KLARUS是美国手电筒行业协会 (PLATO) 的成员, 参与制定和优化ANSI/NEMA FL1手电筒标准, 产品测试数据标准科学式。

操作说明

尾部开/关, 轻松切换档位。
三个档位, 出厂默认最高亮档。高低中三档循环。每换一次档位立刻记忆, 关机3秒后开机进入关机前的档位。

电池更换

拧开筒头, 电池负极朝向开关方向依次放入两节电池, 拧紧筒头完成电池更换。



使用及维护

- 手电在使用过程中, 手电表面温度在60℃以下属于正常情况, 请放心使用。
- 为达到最佳防水性能, 请定期检查防水O圈的完整性, 并请适量涂抹润滑硅脂于防水O圈上以延长其使用寿命。
- 如O圈损坏, 请及时更换原厂O圈以确保您所使用的产品的优异防水性能。
- 长时间不使用手电筒时, 请将电池取出, 并妥善存放于阴凉干燥处。

保修

- 15天退换货期: 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下, 出现产品质量问题, 可享受免费维修服务。
- 终身有限保修: 超过5年免费保修时间外, 提供有偿保修, 费用以实际更换材料费用为准, 不另收取人工费。



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