MECARMY

illumineX User Manual

The World’s Smallest USB Rechargeable Flashlight

**Primary Features**

* Utilizes a CREE XP-G2 LED
* Maximum output of 130 ANSI lumens
* Patented rechargeable super micro-sized flashlight
* Rechargeable with any USB port device
* Quick charge in 1 hour
* Uses a rechargeable 10180 lithium ion battery
* Small and exquisite
* Reliable twist switch for quick, one-handed operation
* Battery reverse polarity protection
* Instant access to low/high mode;
* Waterproof to IPX-8 Standard (underwater to 2 meters)
* Impact resistant up to 1.5 meters

**Specification**

* CREE XP-G2 LED with a lifespan of up to 50,000 hours
* Lighting modes: High/ Low

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| --- | --- | --- |
| Mode  Specification | High | Low |
| ANSI lumens (LM) | 130 | 8 |
| Runtime(h) | 0.5 | 6 |
| Peak beam intensity(cd) | 910 | |
| Max beam distance(m) | 59 | |
| Impact resistance(m) | 1.5 | |
| Waterproof | IPX8（under water 2m） | |

* Working voltage: 3.0~4.2V
* Battery: 1 x 10180 lithium ion Battery
* Lens: Toughened ultra-clear glass
* Dimensions:

Titanium: Length 41mm (1.614") x Head 12.8mm (0.503")

Stainless Steel: Length 43.5mm (1.713") x Head 12.8mm (0.503")

Brass: Length 43.3mm (1.705") x Head 12.8mm (0.503")

Copper: Length 43mm (1.693") x Head 12.8mm (0.503")

Aluminum: Length 43mm (1.693") x Head 12.8mm (0.503")

* Weight (Excluding battery):

Titanium: 8.9g (0.31oz)

Stainless Steel: 14.1g (0.49oz)

Brass: 19.9g (0.7oz)

Copper: 20.7g (0.73oz)

Aluminum: 10.8g (0.38oz)

* Accessory: User manual, O-ring, Stainless steel key ring, Beaded chain

NOTICE: The above-mentioned parameters are approximate and may vary between flashlights, batteries and environments.

**Operation**

ON/ OFF: Tighten head to turn on flashlight, loosen head to turn off flashlight

While ON: Lightly tighten head for Low mode, Fully tighten head for High mode

**Charging**

Properly unscrew and remove the light’s head, and connect a mini USB charging cable as shown in the diagram below

**Charging Indicator**

When charging, the indicator light turns red, when charging is complete, the indicator light turns green

No indicator light indicates that there is no load

**Charging time**

1 hour (charging current 100mA/4.2V)**Battery replacement**Unscrew and remove the tail of the flashlight and insert the battery with positive side toward the light’s head, screw the tail back on to operate the light.

**WARNING:**

* Do not point the light at human or animal eyes
* Do not look directly into the light when it is switched on
* Do not permit children to use the flashlight unsupervised

**Maintenance**

* Remove battery when stored for extended periods
* Replace and lubricate O-Rings as needed to maintain IPX-8 rating
* Every 6 months, threads should be wiped with a clean cloth followed by a thin coating of silicon-based lubricant

**Warranty Service**

* Exchange guarantee for 15 days: any defective product can be exchanged for a replacement through a local distributor/dealer within the 15 days of purchase
* After 15 days: all defective products can be repaired free of charge for a period of 5 years from the date of purchase
* Lifetime limited maintenance guarantee: when free maintenance period is expired, the maintenance service will charges only material expenses, without workmanship fee.

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