



LUMONITE Compass Headlamp User Manual

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Lumonite Compass
User Manual
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Before use

Before the first use, please unscrew the tailcap to remove the insulating film within the battery compartment, then screw the tailcap back on tightly.

Charging the battery

The battery of the lamp is shipped at about 50% charge level. We recommend charging the battery full before using the lamp for the first time.

Connect the charger to a USB power source. Attach the lamp magnetically to the charger. A red indicator light will glow red through the lens while the charging is on. When the battery is fully charged, the indicator turns green. Remove the charger from the power source. A normal recharge from empty to full takes approximately 3 hours.

Note! Do not store or charge lamp battery in cold conditions!

Use of the lamp

On/Off: Turn on the lamp by pressing the switch once. The previously used power mode will be activated. Switch of the lamp by pressing the switch.

Switching the mode: When the lamp is on, browse the power modes by pressing the switch long and release it when the desired power state is activated. Switch to maximum power and back by double-clicking the switch at any time. The lamp does not memorize the maximum power mode when switched of but will start in the high mode the next time the lamp is switched on.

Moonlight-mode: Activate the low-power Moonlight-mode by pressing the switch for about 2 seconds, when the power is of.

Keylock: Lock and open the button by pressing the switch for about 3 seconds, when the power is of.

Voltage indicator: When the lamp is switched OFF, the battery charge status is shown through the lens for 5 seconds of time. The status is also shown when the key-lock is activated, or when the switch is pressed while the key-lock is on. The indicator is interpreted as follows:

- 100-75%: green
- 75-50%: blinking green
- 50-25%: red
- 25-0%: blinking red

Storing the lamp

To keep the battery in good condition for as long as possible, it is essential to ensure that the battery is not stored while empty for prolonged periods of time. It is most important that if the lamp is not used during the summer, the battery is fully or almost fully charged during storage. Correctly used, and stored, the battery will last for several years and hundreds of charging cycles. It is easy to replace the battery of this product when needed.

Technical Specifications

	Light output, lm	Range,m	Operating time, h:min
Max	1250	110	1:30 (Total 2:10)
High	600	75	3:40
Medium	240	50	8:25
Low	80	28	25:00:00
Moonlight	2	–	41 DAYS

- Weight with the battery: 105 g
- External dimensions: 24 x 27 x 108 mm
- Battery: Lumonite SCB2 3.6V 3500 mAh Li-ion
- Charger: Lumonite Touch , input 5V/1.5A (min)
- Charging time: approximately 3 hrs(@1.5A)
- IP-class: IP69
- Impact resistance: 2 m

Safety

Lumonite lamps are equipped with a thermal protection system that lowers light intensity automatically, if the lamp is insufficiently cooled.

WARNING! Besides light energy, the lamp produces a lot of heat. Make sure that there are no obstacles or dirt on the lamp's lens or in the immediate vicinity!

Use the keylock to prevent unintentional switching on e.g. in pocket!

Because the lamp will cool down through its aluminum body, it is perfectly normal even if the body warms

significantly. It is a good idea to use a lower light level for the lamp in warm weather or when working in one place. Do not charge the battery at temperature below 0°C.


Warranty & Service

Lumonite® offers a 60-month warranty for the lamps, covering material and manufacturing defects. If the lamp fails under normal use during the warranty, return the product to the place of purchase or directly to the importer with a receipt of purchase. If the lamp is used improperly or the lamp is serviced by anyone other than Lumonite® or their authorized representative, the warranty will be void. Lumonite® also services its products after the warranty has expired, if maintenance is possible. In this case, the customer will, however, pay for delivery and any components.

Important: all batteries lose capacity over time. The 60 months warranty does not cover normal wear of the battery, because how it is used significantly affects the lifespan of the battery. Lumonite® batteries have 12 months and the chargers have 24 months factory warranty.

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Documents / Resources

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References

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