

Operating Instructions

By Keldan

SEACAM LA-V Continuous Light

- Read operating instructions first
- Keep O-ring clean and grease occasionally
- For storage charge the battery to 40%
- Discharge/charge battery at least every 6 months
- Remove battery from housing when storing light
- Use only freshly charged batteries
- In cold conditions use LOW setting

1. MAGNETIC SWITCH

Attention: the light uses a magnetic switch so your compass reading may be off when you hold it close (within 2") to the black on/off switch.

2. BATTERY CHARGE

Only use the supplied Li-Ion charger to charge the battery.
For best results the battery should be charged at room temperature.

3. BATTERY MAINTANANCE

It is not recommended to discharge the battery after each dive. Complete discharge after every use may reduce life time of battery. We recommend the following service procedures: For storage remove battery from housing. Discharge and recharge the battery at least once every 6 months. Avoid deep discharge of the battery pack. Store battery with approximately a 30-60% partial charge in a dry and cool place. Charge fully before each dive. The storage of a fully discharged battery may cause permanent damage of the battery.

4. BATTERY PROTECTION CIRCUIT

The integrated protection circuit protects the battery from overload, overcharge and deep discharge.

5. SAFETY LIGHT

The safety light on the rear side of the battery pack can be activated by switching the light into the TEST mode.
It is activated as well if the main light is automatically turned off due to low battery voltage.

6. CHARGER INDICATOR

The charge level indicator lights displays the available energy by taking into account charge and discharge currents.

Over time the battery may not be able to hold 100% of the charge and the effect will be shown on the indicator. If the battery is only capable of holding 80% of its charge, the indicator will only show 80% instead of the full 100% after a full charge.

Note that the charge level indicator may be slightly out of syncromization with the effective available charge after a long period of time. A full discharge will synchronize the display.

7. TOPSIDE USE

The video light can also be used outside water.
If the light is getting hot, the light automatically reduces slowly the power to avoid overheating.

8. OPEN THE HOUSING

Remove excess water from the outside before opening. Point the light slightly upward while opening to avoid water from entering the housing.

Friction of the O-ring seal (and therefore force to open the cap) is increasing over storage time. After long and deep dives the friction can be increased, too. To avoid high friction regularly grease O-ring.

9. MAINTENANCE

After each use rinse well with fresh water.

Care should be taken to avoid scratching of the O-ring seals. Keep seals clean of sand, hair, cloth fibers or similar materials at all times. O-ring should be regularly inspected and cleaned.

Occasionally apply small amounts of silicon grease for lubrication. If not treated, the O-ring will fail to provide proper sealing causing the light to malfunction. Do not use sharp tools to remove the O-ring. Never use a battery which appears damaged. In case of a damaged lamp, contact your nearest KELDAN dealer. Do not remove front glass cover (high operating voltage). O-rings need to be replaced by KELDAN or an authorized dealer every 5 years.

10. STORAGE AND TRANSPORTATION

Battery and housing must be stored apart in a cool and dry place. Maintain battery pack according our recommendations. Separate battery pack from housing if traveling by air.

11. WARRANTY

The light carries a two-year warranty. Fill out and return warranty card within 14 days after purchasing the light.

The warranty is limited to material defects which occur when correctly handling the product.

The warranty does not cover the battery.

KELDAN warranty coverage is void for defets as a result of improper use.

12. LIABILITY

KELDAN declines all responsibility for damages arising from any improper use of the LUNA 8 LA-V light or incurred by a third person.

13. TECHNICAL DATA

- Power 600 - 1700 Lumen @ 8 - 30W
- Color temperature 5000 K° @ 20W
- Light intensity 1150 cd
- Color rendering index 95 (Ra)
- Illumination 90°
- Lifetime at max. / min. power 55min. / 220min.
- Spare O-ring set, lubricant in neoprene bag; user manual.

- Dimensions (L x Ø): 220 x 55 (120)mm
Dimensions battery pack (L x Ø): 95 x 50mm
- Weight: 950 g, under water -90g
Weight battery pack: 220g
- Operation depth: - 80m

14. GENERAL

If you have any question, make a telephone call we like to help you. Our phone numbers are:

phone 0043 / 3142 / 228850 telefax 0043 / 3142 / 228854 e-mail office@seacam.com

The logo for SEACAM, featuring the word "SEACAM" in a bold, serif font with a registered trademark symbol (®) to the left. Below the text is a stylized wavy line representing water.