

Thank you for purchasing the Light Cannon 100. It is a major advancement in hand held lighting. Unlike standard flashlight technology, this is a revolutionary light source. Instead, light is emitted from a very small glowing ball of ionized gas. As a result you will get 3 times as much light from a set of batteries and the light will be much whiter enabling it to travel farther underwater.

Troubleshooting

Tighten the module after loading batteries
Make sure batteries are oriented in the right direction
Make sure batteries are oriented in the right direction
Push the lamp is pushed all the way into the socket
Push the lamp is pushed all the way into the socket
The socket module is extremely hot, wait for it to cool down
The socket module is extremely hot, wait for it to cool down
The thermostat resets. Then,
Replace again.

- [illegible]

6. Pull safely **inward** (see diagram on opposite side)
 7. Push safely **outward** (see diagram on opposite side) and will not come on again
 8. You go to the end of the road at night
 9. Make sure you've accidentally turned the torch off
 10. Push the switch **off** **positively** at least 3 seconds before wait at least 3 seconds before lighting the torch on again.

Light flickers and changes color

- This is normal when the batteries are nearly drained. Replace batteries.
- *Light changes color slightly when pointing at different angles up and down*
- This is normal. The light may change color slightly depending on the angle of the light.
- *Tight basket, filled with water*
- Open light immediately, remove batteries, rinse with fresh water, let components dry, remove main o-ring, reassemble and return to UK for service or replacement.

Limited Lifetime Warranty

Underwater Kinetics products are engineered for maximum performance and durability. All products carry a Limited Lifetime Warranty to the original retail purchaser to be free from defective material and workmanship under normal and intended use. In addition, the Underwater Kinetics Limited Warranty covers materials used in its products to the original purchaser, from the date of purchase, as follows: plastics for 10 years; rubber for 3 years, LED and electronics for 1 year, rechargeable batteries for 90 days.

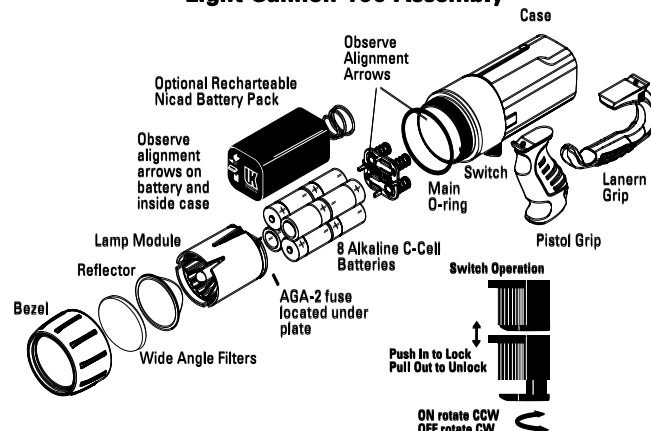
In the event the original retail purchaser detects a defect in the material or workmanship, the product along with proof of purchase date should be returned to an authorized Underwater Kinetics dealer or directly to Underwater Kinetics with the postage prepaid. Underwater Kinetics agrees to repair or replace at Underwater Kinetics' sole discretion any product found to be defective in material or workmanship within the time period specified above. For the complete Limited Lifetime Warranty write to Underwater Kinetics or go to the web site www.underwaterkinetics.com.

Address all correspondence and returns to:
Underwater Kinetics
13400 Danielson Street
Poway, CA 92064

Specifications

Power:	25 (equivalent), 12.5 (actual) watts
Lamp:	HID Metal Halide
Lamp Life:	500 hours
Color Temperature:	6000 degrees Kelvin
Luminous Flux:	450 lumens
Burn Time:	3-4 hours (alkaline batteries) 2.2 hours (optional UK nicad pack)
Charge Time:	10-12 hours with optional UK Nicad Pack
Voltage:	10 volts
Current:	1.25 amps
Battery:	8 x Alkaline C-cell/ UK Nicad Pack UK Nicad Pack, 8 x Nicad batteries, 8 x NiMH batteries
Restart time:	3 seconds
Beam width:	6 degrees (optional video wide angle filter included)
Safety Features:	Thermostat shutdown for overheating, fuse protected, polarized battery chamber, isolated electronics.
Fuse:	AGA-2 (Spare included)
Maximum Depth:	500 feet water
Grip:	Pistol or Lantern style
Materials:	Tough, non-corroding ABS, TPE and polycarbonate plastic
Size:	8.25" x 3.2" x 7.75" mm
Weight:	2.4 lbs

Light Cannon 100 Assembly



FRAGILE LAMP

Handle With Care! Dropping the LC100 onto a hard surface may break the lamp or knock it loose from its socket. If the light is dropped, push the lamp back into the socket to reduce the chance of breakage if the light is dropped again. It is best to ship the LC100 with batteries in the light. When shipping the LC100 with batteries, remove one lamp module and place it separately in a padded container. Multiple lamp modules may be added to the container.

⚠ CAUTION

CAUTION
Reflector and Lamp Module can be extremely hot after use. Can cause burns

**⚠ CAUTION
HIGH VOLTAGE**

Do not open reflector module when connected to batteries or power supply.

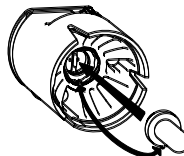
CAUTION

Batteries which are loaded without observing the proper polarity; are not the same type, brand name and age; or are completely discharged can vent hydrogen gas and possibly cause an explosion.

- Load batteries according to marked polarity.
- Do not mix batteries of different type, brand name or age.
- Discard all batteries when they are drained or do not produce light.

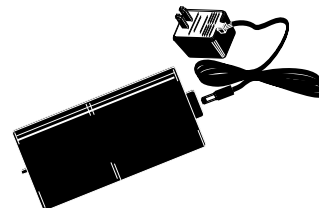
Lamp Replacement

Wait until the lamp is cool in the Lamp Module. Remove the reflector. Pull the glass tube straight out. Insert the new lamp into the lamp module so that (1) the two pins at the base of the lamp line up with the holes in the lamp socket, and (2) the rib on the side of lamp base lines up with the slot in the socket. Push lamp gently into the socket. **Insertion of the lamp in reverse will severely shorten the life.**



Nicad Battery Pack Charging

Rechargeable Battery Pack Charging
The rechargeable battery pack is charged by inserting the charge plug from the charger into the socket on the end of the battery pack. Charge the pack 10-12 hours or until the pack begins to feel warm. For maximum burn time charge the pack immediately before use. A battery stored for several months will need to be charged and discharged several times for maximum burn time to return.



Thank you for purchasing the Light Cannon 100. It is a major advancement in hand held lighting. Unlike standard flashlights, the Light Cannon does not use a glowing filament or tungsten for the light source. Instead, light is emitted from a very small glowing ball of ionized gas. As a result you will get 3 times as much light from a set of batteries and the light will be much whiter enabling it to travel farther underwater.

Troubleshooting

1. **Right does not mean an afterthought** Batteries on the right side of the module are oriented in the right direction. Batteries on the left side of the module are oriented in the right direction. The lamp is pushed all the way into the socket. The lamp is pushed all the way into the socket. The module is extremely hot, wait for it to cool down. The module is extremely hot, wait for it to cool down. The thermostat resets. Then, the thermostat resets.

- [illegible]

6. Pull the torch forward (see diagram on opposite side).
7. Push the torch backward (see diagram on opposite side) and will not come on again.
8. Light gas torch and hold steadily for one minute.
9. If no flames have occurred, turn the torch off.
10. Press the torch twice in 10 seconds.
11. Wait at least 3 seconds before lighting torch on again.

Light flickers and changes color

- This is normal when the batteries are nearly drained. Replace batteries.
- *Light changes color slightly when pointing at different angles up and down*
- This is normal. The light may change color slightly depending on the angle of the light.
- *Tight baked, filled with water*
- Open light immediately, remove batteries, rinse with fresh water, let components dry, remove main o-ring, reassemble and return to UK for service or replacement.

European Warranty

Underwater Kinetics warrants that this product is free from defects in materials and manufacturing for a period of 10 years from the date of purchase under normal use. In addition, the Underwater Kinetics Limited **Limited Lifetime Warranty**

Warranty covers materials used in its Underwater Kinetics products are

products to date original purchaser, from the date of purchase, as set forth: plastic for 10 years, rubber for 5 years, LED and electronics for 1 year. The original retail purchaser objects to a defect in the material or workmanship of the product for 1 year, rechargeable batteries for 90 days.

[illegible]

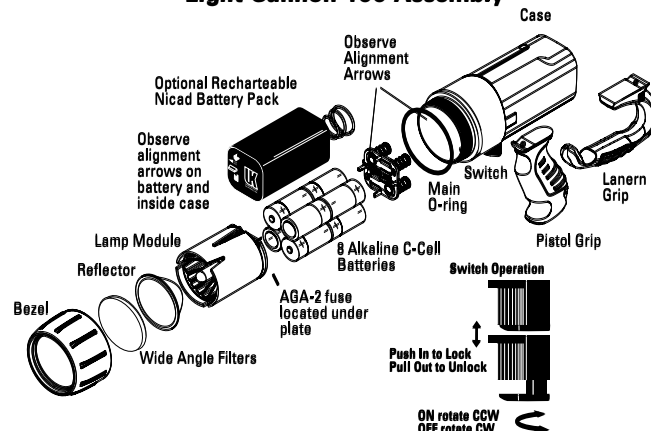
complete Limited Lifetime Warranty write warranty terms detracts from your Statutory 10 Underwater Kinetics or go to the web site

Rights.
 www.underwaterkinetics.com.
 Address all correspondence and returns to:
 UKF Underwater Kinetics Europe GmbH
 Address all correspondence and returns to:
 Berthovenstr. 279
 Underwater Kinetics
 43000 Datteln, Germany
 Tel.: +49 212 242 13-0
 Fax: +49 212 242 13-30
 E-Mail: info@uwkinetics.eu
 web: www.uwkinetics.eu

Specifications

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Restart time:	3 seconds
Beam width:	6 degrees (optional video wide angle filter included)
Safety Features:	Thermostat shutdown for overheating, fuse protected, polarized battery chamber, isolated electronics.
Fuse:	AGA-2 (Spare included)
Maximum Depth:	500 feet water
Grip:	Pistol or Lantern style
Materials:	Tough, non-corroding ABS, TPE and polycarbonate plastic
Size:	808x312 x 178 mm
Weight:	2.4 kgs

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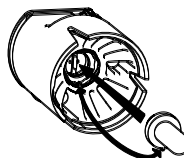
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