

Product Description

The RX1 LED Flashlight comes fully assembled and is ready for underwater use. The light is small, easy to use, and fits comfortably in your hand. The head of the light rotates to turn the light on and off. The RX1 can be used as a primary light for night diving, wreck diving, and cave diving or it can be carried as a backup light. It runs on eight standard AA batteries (not provided), and has been burn-tested to a minimum of 8 hours when using standard Duracell alkaline batteries.



Specifications

Lens: Flat glass port

Bulb: 4 LEDs (Light Emitting Diodes)

Bulb life: 10,000 hours nominal if used underwater with water temperatures
no warmer than 75 degrees Fahrenheit

Color temperature: 6,500 degrees Kelvin

Light output:

System lumens: 450

LUX: 1 meter - 6,750, 3 meter - 750

700 lumens per square meter at 10 feet

RoHS compliant to European environmental standards

Size:

Length: 8 inches (20.3 cm)

Diameter: 1.8 inches (4.5 cm)

Batteries: 8 AA (1.5 V alkaline batteries) (see "Battery notes" below)

Weight: 1.35 lbs. (0.8 lbs. in fresh water)

Installing the Batteries

Before using the light, the batteries must be installed.

Battery Notes:

- The RX1 has been designed to operate with quality alkaline batteries, such as Duracell or Energizer. Do not use long-life or 'value' type alkaline batteries as they are not designed for the power demands of this light.
- Do not use mixed lots of batteries.
- All eight batteries should be of the same make and age. Do not mix used batteries with new batteries.

To install the batteries:

1. Unscrew the handle of the light where it attaches to the light head.



2. Slide the handle down and off the battery holder.
3. Pull the battery holder out of the light head.



4. Install the batteries as detailed in the battery holder.
5. Ensure that the O-rings are free from dirt and debris.
6. Insert the battery holder into the light head, making sure the contacts at the top of the battery holder line up with contacts at the base of the light head.



7. Slide the handle over the battery holder until it contacts the light head.
8. Screw the base onto the light head.

Turning The Light On And Off

Before using the light, make sure the batteries are installed and in good working order.

Caution: Although the RX1 light can be used out of the water, caution should be used as the light is designed primarily for use underwater. Water serves to remove heat from the LEDs, and excessive use out of the water can shorten the life of the LEDs. If the light-head begins to feel exceptionally warm, turn the light off. Avoid looking directly at the LEDs when the light is turned on as they are extremely bright.

To turn the light on and off:

1. Grip the base of the light with one hand.
2. Grip the top of the light with your other hand.
3. Rotate the base clockwise to turn the light on.

Note: Do not turn the base until it comes in contact with the top of the light. This can damage the battery holder. The light will turn on with just a couple small rotations of the base.

4. Rotate the base counter-clockwise to turn the light off.

Post-Dive Care

- Inspect the light for any leakage or other damage
- Rinse the light thoroughly in fresh water and allow it to dry

Dealing With a Flooded Light

Determining if a light is flooded can be as obvious as pouring water out of your canister or as subtle as seeing a small amount of water in the lens.

What to do if your light floods: If your light floods, do not continue to use the light. Turn the light off and disconnect the battery pack. **DO NOT TAKE THE LIGHT APART!** Arrange with your dealer to return the light to Dive Rite for repair. Flooding damage cannot be fixed or corrected in the field, and trying to repair the light in the field can void your warranty.

Note: When opening the light, a few droplets of water may be present on the thread area. This is normal and acceptable if the water droplets are outside of the o-ring seals.

Warranty Information

Dive Rite will - at its sole discretion - repair or replace RX1 LED Flashlight components proved to be damaged by faulty manufacture or material, at no cost, for a period of up to 90 days from the date of purchase.

This warranty applies only to the original retail purchaser. It does not cover commercial or rental use, nor does it extend to units purchased from other than an authorized Dive Rite dealer.

If we deem a LED Flashlight component to be beyond repair - through no fault of the user - then, and only then, will we replace the affected component(s).

To make a claim under this warranty, the owner must have registered his/her warranty using Dive Rite's website (www.diverite.com). All warranty repairs (international or domestic) *must* be accompanied by a copy of the purchase receipt. For warranty repairs (international or domestic), the product must be returned to the *store* where the item was purchased or directly to Dive Rite. A Return Authorization must be obtained by calling Dive Rite corporate offices (386-752-1087) to send items to Dive Rite. No warranty service will be performed for other than registered owners. Note: Local dealers and distributors are not responsible for service of items purchased from unauthorized dealers, internet dealers, or dealers from other territories.

This warranty becomes void if the RX1 LED Flashlight components are damaged by anything other than normal recreational diving use, or if they have been serviced or repaired by other than authorized Dive Rite dealers.

Repairs made under this warranty will not extend the warranty period.

All further claims, especially for damage after diving accidents, are excluded from coverage under this warranty.

Dive Rite has no obligation to honor any extension of this warranty.

This warranty is in lieu of all other warranties, expressed or implied. No other person or representative is authorized to assume for Dive Rite any other liability in connection with the sale of this product.

Activating and utilizing your warranty

1. To activate your warranty, you must register your RX1 LED Flashlight within 30 days of purchase through our online product warranty registration. This is located within our website at www.diverite.com/warranty.
2. Proof of original ownership is provided by your purchase receipt and should be retained for your records.
3. If you intend to receive your service directly from Dive Rite, you must first obtain a Return Merchandise Authorization (RMA) number by calling Dive Rite at 386-752-1087. Your RMA number is to be printed on the address label of your package.