

# Sea Torch Instruction Manual

## Warranty

Dive Light International (DLI) Systems are engineered for maximum performance and durability. We proudly warrant all DLI products against defects in materials or workmanship during your lifetime. This warranty covers only defects in materials or workmanship. Since no DLI product is indestructible, it does not cover defects attributed to or resulting from normal wear and tear, abuse, or alteration. Bulbs, batteries, and chargers are excluded from our Limited Lifetime Warranty, but are warranted for 30 days (Bulbs) and 1 year (Batteries and Chargers) from the original date of purchase.

Service under this warranty is available to the original consumer purchaser by returning the complete product, with proof of purchase, postage prepaid, to our Customer Service Department. If, after inspection, we determine that the product is defective, we will at our option repair or replace it, free of charge and without unnecessary delay. Please contact us at 858 268-3850 obtain a Return Authorization Number (RA). This RA number must be on the outside of the parcel.

## CAUTION!

NIGHT ACTIVITIES ARE INHERENTLY MORE DANGEROUS THAN DAYLIGHT ACTIVITIES. USE EXTREME CAUTION WHEN USING THIS OR ANY OTHER LIGHT SOURCE.

It is advisable to carry other backup sources of illumination in case of the failure of any part of this system. No lighting system can guard against nighttime hazards. **STAY ALERT!**

- Always remove the batteries if you are transporting your dive light inside a bag or box, or in a situation where the power switch may accidentally be activated. If dive light turns on unintentionally, the lamps emit intense heat that may cause burns or fire; especially if in a confined space such as luggage or boxes.
- Always remove the batteries from the case if you are taking the dive light aboard an aircraft.
- Always keep this dive light out of reach of children. Leaving the lights turned on against combustible material poses a high fire risk.
- Never look directly into the light beam.
- Never touch the lamp lens during or shortly after use. The lens becomes extremely hot and could cause serious burns.
- Never loosen connectors or screws on the battery casing. This may cause the system to leak.
- Always have fun with your NiteRider light!

The logo for NiteRider Technical Lighting Systems. The word "NiteRider" is written in a large, bold, stylized font where the letters are interconnected. Below it, the words "Technical Lighting Systems" are written in a smaller, clean, sans-serif font, stacked vertically.

**NiteRider**  
Technical Lighting Systems

batteries with the correct polarity. Incorrectly inserted batteries may leak or damage your light and will not burn brightly or for long.

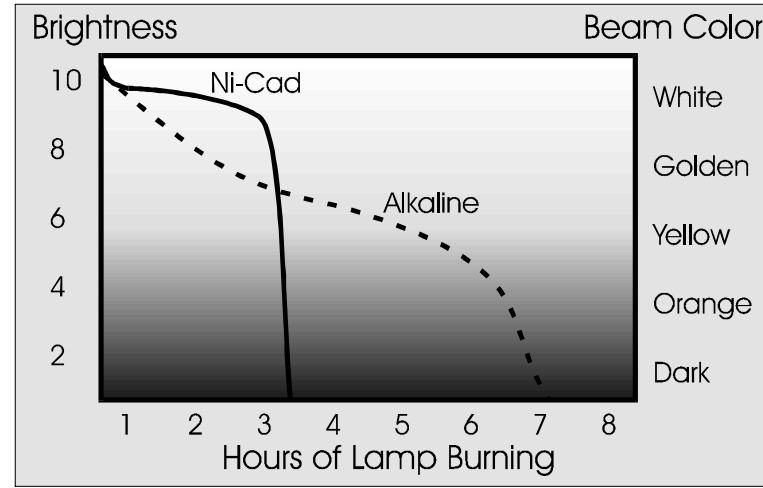
5. Ensure you have fresh batteries installed to allow plenty of lighting time for your adventure. If you have a rechargeable system; charge before use.

### Getting The Best From Your Batteries

Alkaline batteries will give you the longest burn time with your lamp. You can get from 4 to 6 hours of burn time with Alkaline batteries and they have a fairly good shelf life (4 years). A disadvantage of Alkaline batteries is that the light brightness drops as the batteries become used (See figure 3). Another disadvantage is that it can become expensive to buy batteries if you are a regular user, and disposing of used batteries is not good for the environment.

Rechargeable Alkaline batteries perform poorly with this system because the high power lamp is too much of a load. It is not recommended to use Rechargeable Alkaline batteries or less expensive Carbon batteries because of poor performance.

Nickel Cadmium (Ni-Cad) rechargeable batteries are an excellent option if you will be using the lamp regularly. Ni-Cad batteries can be recharged up to 1,000 times and are superior to Alkaline batteries because they maintain a much higher brightness over most of the burn time. NiteRider high capacity Ni-Cad batteries will give you more than 2.5 hours of burn time and have a 4.5 amp hour capacity. Before you rush out and buy Ni-Cad batteries, you should beware that almost all Ni-Cad 'D' cells that you can buy at retail outlets are very low capacity in comparison to NiteRider 'D' cells. In fact, most retail Ni-Cad 'D' batteries only have 0.8 to 1.4 amp hour capacity which will give you only a



**Figure 3: Battery Comparison and Lamp Brightness Chart**

half to one hour burn time. If you are purchasing Ni-Cad batteries make sure they have at least a 4.0 amp hour rating to avoid disappointing performance, or purchase the NiteRider Ni-Cad upgrade kit from your Dealer. To order the NiteRider Ni-Cad high capacity 4.5 amp hour battery upgrade with US 110 volt battery charger, ask your NiteRider dealer for upgrade part number SKU# 1140.

### Cleaning Your Dive Light System

If your dive was in salt water, you will need to rinse off your light equipment with fresh clean water. All solvents such as acetone or alcohol should be avoided.

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