



**DEEP GLOW**  
Lighting the World's Waters

## Lighting System General Operation

— Patent Pending —

Congratulations on the purchase of your new underwater light, Deep Glow Technologies, Inc. takes pride in providing well designed, high quality and thoroughly tested products that allow you to enhance the enjoyment of your waterfront.

### General Operating Information:

The commercial materials used in this product will provide robust and reliable operation under normal operating conditions. The light is designed to be deployed by thrown or lowered into no less than three feet of water. Depending upon water clarity, depth and lighting conditions, the light can create a glow diameter of approximately 20 feet.

### General Safety Information:

This product is intended for use in both saltwater and freshwater. Under no circumstances should this light be deployed in a pool or jacuzzi. Never try to install or remove product while power is connected. Under no circumstances should the light or cord be handled without first unplugging the unit. Looking directly into the light above water can cause damage to the eye, therefore under no circumstances should the light be operated above water. Do not handle the bulb with bare hands as the oils may damage the bulb. The ballast and/or timer must be plugged into a 110 GFCI Protected Outlet. Never plug into a standard outlet. Under no circumstance should a light be installed without a GFCI outlet in place. Allow for a 5 minute interval before restarting the light. There should be no swimming around the lights when they are operating.

No more than 6 lights can be operated on a single 20 amp dedicated circuit. If there are other sources which draw from the circuit, it may affect the number of lights than can be operated as well as the successful operation of those lights. For example, operation of a boat lift on the same circuit of the light, while the light is operating may result in a temporary interruption in the operation of the light.

The operating condition of all product components and electrical cabling should be visually inspected every six months. Lights can be installed in lakes and ponds that freeze over as long as they stay operational during the freezing periods.

### Maintenance:

We recommend that the light(s) be operated for a minimum of 8 hours daily to ensure optimal performance. Timed units can be set to the customer's preference. For example, a timer can be set from 2:00PM – 10:00PM.

Growth will occur on the light housing, around the lens flange and on the cable, which is normal and should not affect performance. However, in some areas of heavy growth, even 8 hours of operation nightly can allow for some growth on the lens itself. If you are operating the light in a heavy saltwater growth area, by disconnecting the power and inspecting the light every 90 days, you can prevent any significant growth from occurring on the lens.

Light marine growth should be removed from the lens using a soft brush. If heavier barnacle growth has occurred, remove with a stiff plastic tool or brush. Replacement parts are available from the factory, if necessary.

### Specifications:

#### Lower Unit Housing:

Dimensions: Height 8" X Width 9"  
Weight: 14Lbs. Constructed of UL Listed, non-corrosive and non-conductive materials. All replicable components.

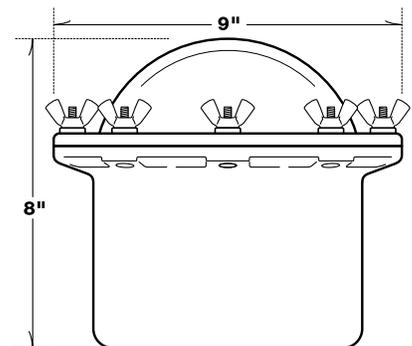
#### Ballast Enclosure:

Dimensions: 8"L X 5"W X 4"H  
UV Resistant, and UL Listed for Outdoor Usage. Hinged cover for easy access.  
*Photocell Optional*

**Operating System:** 150W HID Electronic Ballast (UL Type 1 Outdoor Ballast)  
Voltage: 120V to 240V AC nominal  
*Significant energy savings as compared to magnetic ballasts.* Safety Shut Down Feature.  
Max Lamp Distance from Ballast 50'  
Consumes less then 2 Amps

#### Bulb/Lamp:

150Watt Metal Halide Lamp  
Over 10,000 Lumens of Superior Color - Green, Blue, Red, Orange, and Clear.  
Rated Average Life of 5500 Hrs.



### Troubleshooting:

Please contact our technical support staff in Florida at 888-871-3334 X2, Monday through Friday from 8:00 am to 5:00 pm EST

### Warranty:

Deep Glow Technologies, Inc. warrants this product to be free from defects in workmanship and materials for a period of one year from the date of original purchase, Further, misuse, abuse, improper installation, neglect, improper shipping, damage caused by disasters such as fire, flood and lightning, unauthorized repair or modifications will void said warranty. Should your product prove defective during the warranty period, promptly contact Deep Glow Technologies, Inc. for an RMA number and then return the product freight prepaid with the RMA number clearly marked on the outside of the shipping container.