

# Installation Process

- Unplug your system from the outlet and carefully remove the screws from the faceplate of the control box.
- Once the control box is open, you will find the light assembly wire on the lower left-hand side of the box and it will split into a black and white wire, both of which will have blue quick connectors on the end. Disconnect both of these wires at the quick connection points. These should slide apart pretty easily; however, pulling too hard may inadvertently pull the wire out of the ballast.
- With the wires disconnected, loosen and remove the black compression nut on the outside of the control box. At this point, you will need to feed these wires through the bottom of the box. Please note that only one connector will fit through the Sealcon gland at a time.
- Transfer your weight to your new light using the supplied heavy-duty zip ties.
- Run the black and white wires through the black compression nut, through the Sealcon gland, and into the control box. Connect the black and white wires to the red and white wires in the control box via the quick connects and tighten the black compression nut.
- Carefully lower your light back into the water, plug your system back into the outlet, and you're back in business!

**NOTE:** If you have a multi-light system, simply repeat the steps above for changing out the other light assemblies.

# Using Bulb Cages

While in operation, our bulbs run hot enough to prevent the growth of barnacles, but with the cage installed, this process will not occur as easily. If your light is deployed in a nutrient-rich waterway, it's likely that you will encounter barnacle growth after a short time. If growth does occur, simply unplug your system, and allow your bulb, housing, and cage to soak in pure white vinegar for no less than 24 hours. The white vinegar will break down any barnacle calcification and any remnants can easily be wiped off with an old towel. Depending on how much growth has accumulated, you may need to repeat this process a few times in order to remove all of the barnacles from the cage. If you have concerns with barnacle growth, you can always remove the cage prior to deployment.

If you've had bulbs repeatedly breaking, it's possible there is something within your marine environment that could be damaging the light. Although rare, we've seen this occasionally happen with Goliath grouper, large tarpon, dolphins, alligators, and even manatees. For this type of scenario, we would strongly suggest utilizing the bulb cage.

On the other hand, if you are aware that people have been fishing your light, having the cage installed will make the bulb that much easier to inadvertently snag and potentially remove from the water. If the light is pulled from the water while in operation and then placed back in the water, the temperature variance will cause the bulb to immediately break.

In the end, the choice is entirely up to you, but just keep in mind that the bulb cage will NOT protect against boat props, hulls, trolling motors, anchors, kayak paddles, or significant impact.

# Extend the Life of Your Underwater Fish Light

Your system should run continuously each night for a minimum of 8 hours to minimize barnacle growth on the bulb and cage.

It's critical that the bulb remain fully submerged at all times and is never illuminated outside of the water as this will irreparably damage the light. We suggest deployment at a depth no less than 4 feet, with the light as close to the bottom as possible and at least 10 feet off your dock.

To further protect your system, we offer Wire Shield which is our heavy-duty protective sleeve that easily slips over your wire to protect it in heavily fished areas or waterways with sharp rocks or debris on the sea floor. While our systems are built tough to withstand even the harshest marine conditions, there are some heavily fished waterways in the country that have a problem with inconsiderate anglers hooking into the wires of underwater lights. Our Wire Shield can be purchased in-store or from our website.







**Thank you for  
your purchase!**

**We know you have many  
choices when it comes to  
underwater lighting, and we  
appreciate you choosing us!**

**What's in the box?**

**HID Light Assembly  
Replacement zip ties**

Please note that replacement components do not extend or restart your warranty. Expected bulb life for our 250W Vibrant Green and 250W Caribbean Blue is 14 to 24 months and are warrantied\* for one year from date of system purchase. 175W and 250W Natural Green bulbs have an expected life of 6-8 years under normal operating conditions and are warrantied\* for three years from date of system purchase.

\*warranty does not cover damage, breakage, or misuse.



## **OUR GUARANTEE**

We don't just guarantee that you'll see fish, we also guarantee that you will be impressed with the build quality, beauty, and effectiveness of our lights. When you combine this with our industry-leading warranty and top-notch customer service, you know that you can purchase from Underwater Fish Light with the utmost confidence.



## **SAFETY DISCLAIMER**

We take every precaution to ensure that we are offering a safe and reliable product. All of our Underwater Fish Light systems include an inline GFI plug that needs to be plugged into a grounded GFCI outlet at all times. Even with this protocol in place, we must insist that you do not swim around the lights when they are plugged in or while in operation. Although the system is designed to immediately shut down if there is any interruption of power, the possible risk of shock, injury, death is too great to take a chance. Please unplug the system from the outlet prior to entering the water. Underwater Fish Light, LLC is not responsible for any injury, death, or damage to property caused by the use or misuse of this product.



## **Replacement Light Assembly INSTALLATION INSTRUCTIONS**



**941-391-5846  
20400 VETERANS BLVD  
PORT CHARLOTTE, FL 33954  
[www.fishlight.com](http://www.fishlight.com)**