



*Fitting Instructions for*

**GEN2 6 SERIES**  
**GEN2 TRI SERIES**

## **6 & Tri Series Gen2 Fitting Instructions**

*All Aqualuma lights have been tested before shipping.*

*It is recommended that you use a qualified boat builder to work out placement and fitting of your new underwater lights.*

### **You will require the following to install your new Aqualuma lights.**

\*76mm (3") hole saw, Wire Connectors \*Fuse or Circuit Breaker

***Gen 2 series housings can now be installed with any sealant approved for below water line use.***

### **Step 1**

With boat on hardstand or trailer calculate the spacings based on the width of the boat and the number of lights you want to fit. (Recommended spacing is 800mm (32 in") for transom and 250-300mm (10 in") below water line. Spacing for side of boat should be approximately 1.5 metres (60 in"). Mark the hole centres with a marker, be careful to check the inside of the boat for any obstacles in the area you want to drill, with that done you can now drill a small pilot hole then double check inside the boat again for anything that may obstruct the housing or retaining nut. Once you are sure you have the correct position you can now drill through the hull with the 76mm (3in") hole saw.

### **Step 2**

Remove the light housing from box, remove the retaining nut from the housing and clean the inside surface of the flange, clean the surface of the hull removing all antifouling from flange area and wipe clean.

### **Step 3**

You are now ready to install the complete light fitting into the hull (there is no need to disassemble light fitting). NB - Please see Annex A for correct lens alignment. Apply a generous amount of sealer to the inside flange of the housing and carefully slide the housing into the hole with someone inside the boat to attach the nut, hold the housing flush with the outside surface of the boat and apply a small amount of sealer to inner surface around hole and tighten the nut by hand until tight. The nut should only be hand tight.

Caution do not fit in direct sunlight or extreme temperatures.

#### **Step 4**

Clean excess sealant from around the housing and check to make sure you have a seal all the way around the flange to the outside edge of the housing. Check the face of the housing and lens area for any sealant.

#### **Step 5**

Take the power wire and run to a known 12 or 24 volt DC fused and switchable power source with 5 amp fuse as each light uses only 1 amp @ 12 volts DC do not use higher fuse, connect the red wire to positive and the black wire to negative.

#### **Tri Series Wiring:**

Connect the black wire to ground (this is common ground). Connect the red positive wire to one switch and the white positive wire to a second switch. Each switch will turn on one colour independently or both switches on, will turn both colours on together.

#### **Please note Aqualuma lights are polarity sensitive.**

Congratulations on purchasing and installing your new Aqualuma Underwater light you are now ready to light up the water around your boat and be the envy of your friends who have not yet seen THE LIGHT!



\*\*Annexe A: These wide angle lights must be correctly positioned. Look through the outer lens and you will see a decal with an arrow on the primary optic holder. The arrow on the decal must be vertical, see photos\*\*

## **Limited Warranty**

(Please pass on to the vessel owner)

Aqualuma warrants all of its product range with a Three (3) year warranty to be free of defects in workmanship and materials.

Aqualuma warranty will be deemed void if the product is improperly maintained or as a result of misuse, neglect, improper installation or natural disasters such as flood, fire, lightning or unauthorized repairs or modifications.

Aqualuma will replace at it's option any product or part free of charge upon return of the defective item and will pay for return freight within warranty period.

Aqualuma's liability in all claims and events is limited to and shall not exceed the purchase price of the Aqualuma product. No affirmation of fact or warranty expressed or implied other than that set out in the warranty statement above is made or authorized by Aqualuma.

Aqualuma disclaims any liability claims that are due to misapplication, improper selection or misuse. Any liability for consequential or accidental damages is expressly disclaimed.

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