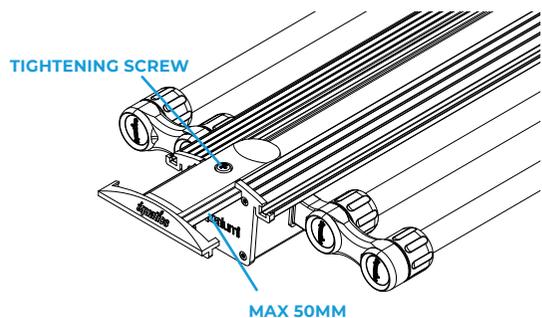


FITTING FLAPS

The AquaLumi Universal has been designed to incorporate your existing aquarium covering flap set. The lighting system should be positioned so that the flap set fully covers the aquarium. Your existing flap set will determine where the installation point should be.

For aquariums without a flap set the unit can be positioned wherever required.



If required the AquaLumi Universal can be extended to fit your aquarium. Simply unscrew the plastic screw located on the top of each of the end caps, slide out the extension brackets to the required length and tighten the screw back up.

Be sure not to over-tighten the screw. Each side will extend upto 50mm. Maximum extension - 100mm

Please see table below for product specification.

| MODEL SPECIFICATION | REPLACEMENT TUBE | MIN LENGTH | MAX LENGTH | DIMENSIONS W X H (MM) |
|---------------------------|------------------|------------|------------|-----------------------|
| Aqualumi Universal 550mm | 24w (435mm) | 533mm | 633mm | 83 x 52 |
| Aqualumi Universal 600mm | 24w (435mm) | 593mm | 693mm | 83 x 52 |
| Aqualumi Universal 700mm | 28w (590mm) | 693mm | 793mm | 83 x 52 |
| Aqualumi Universal 800mm | 28w (590mm) | 793mm | 893mm | 83 x 52 |
| Aqualumi Universal 920mm | 35w (742mm) | 903mm | 1003mm | 83 x 52 |
| Aqualumi Universal 1000mm | 45w (895mm) | 993mm | 1093mm | 83 x 52 |
| Aqualumi Universal 1200mm | 54w (1047mm) | 1180mm | 1280mm | 83 x 52 |
| Aqualumi Universal 1500mm | 54w (1200mm) | 1480mm | 1580mm | 83 x 52 |
| Aqualumi Universal 1800mm | 80w (1450mm) | 1780mm | 1880mm | 83 x 52 |

iquatics aqualumi Universal

THE FUTURE OF AQUARIUM LIGHTING



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THANK YOU FOR PURCHASING THE IQUATICS AQUALUMI UNIVERSAL

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IMPORTANT

Please read the set of instructions carefully before operation.

iQuatics AquaLumi Universal lighting system has been designed and manufactured by industry veterans and we are proud to present you with our latest high quality finished product. Always make sure the instructions are followed precisely; do not operate your appliance if there are any signs of damage or malfunction. If damaged, maintenance should be carried out by the manufacturer or a qualified person. This is to avoid any permanent damage to your fixture.



DRIP LOOP (FIG 1)

As with all aquarium electronic equipment, make sure you have a drip loop to prevent the socket or plug from getting wet. As shown in (fig 1), opposite, the part of the power cable lying below the level of the socket is used to prevent the water entering the socket

Make sure your pendant is safely out the reach of children, unless accompanied by adult supervision, as injury may occur from hot parts, the lamp, or moving parts. This lighting system should only be used for its intended purpose. It must be installed indoors and not exposed to the weather, freezing temperatures or close to other heat sources and never submerged in water.

1. LAMP INSTALLATION

If you ordered fluorescent tubes with your AquaLumi Universal, your bulbs were removed and packaged safely to prevent damage in transit. Never operate your AquaLumi Universal if there is any visible damage to the system or bulbs on arrival.

1.1 INSTALLATION LOCATION

Ideally your light unit will be located next to an adequately rated electricity supply. If you are using an extension lead please make sure the lead is not overloaded.

1.2 WORKING SPECIFICATION

220v-240v (Fluctuation) Ambient working temperature +65 degrees C.

Your AquaLumi Universal should be installed in dry conditions away from the outside weather and corrosive materials. Frequently wipe down your lighting system of any residue which may have built up over time.

Under no circumstances should your lighting system be submerged under the water.

Minimum distance from the water surface is 20mm.

1.2 REPLACING / INSTALLING YOUR FLUORESCENT TUBES

Make sure your light unit is unplugged from the power supply before changing any fluorescent tubes.

Your AquaLumi Universal will have either a single power cable or a double power cable. Depending on the model which you have purchased. The 2 tube Universal is fitted with a single power cable which controls both tubes at the same time. Both tubes need to be installed for the fixture to work.

With the 4 tube AquaLumi bar there will be 2 power supplies. One will control tube 1 and 4 and the other will control 2 and 3 giving more control over the timing of your lights. See Diagram 1.

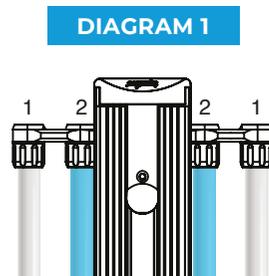


DIAGRAM 1

Please Note:

If your light system uses different size tubes on the front and back, the front 2 will be controlled separately to the back 2 tubes.

TIP Change the bulbs at the time of day at which your lighting is not in use, saving you having to disturb the timing of your aquarium lighting and ensuring the unit is fully cool.

TIP Fluorescent tubes can be very fragile. Please be careful when removing the bulb from the packaging.

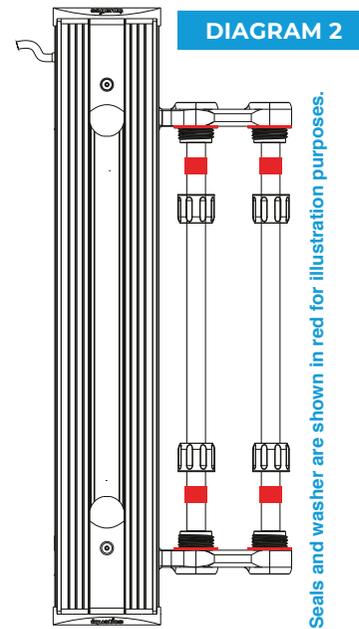


DIAGRAM 2

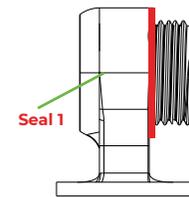
STEP 1

Place two screw caps onto each tube as shown in the below illustration.

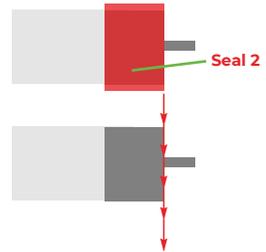


STEP 2

Each Lamp receiving connector has 2 washers/seals. Place Seal 1 into positioning over the thread of the connector making sure it is seated against the flat surface.

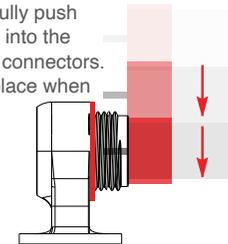


Carefully slide seal 2 onto each end of the fluorescent tube aligning it up to the outer edge of the metal end cap as shown here. The rubber seals are important to create a water tight seal.



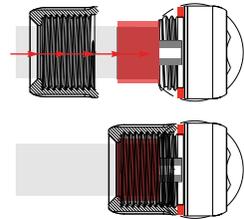
STEP 3

Simultaneously carefully push the ends of the tubes into the receiving pins on the connectors. These will click into place when seated correctly.

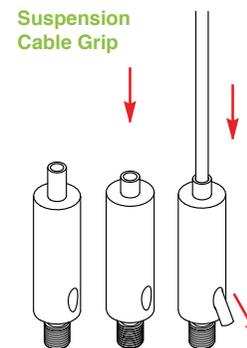


STEP 4

Tighten the screw cap onto the receiving thread. This will be quite tight due to the material and thread to allow for the water tight seal. Do not use a spanner on this. They should be tightened by hand.



Repeat steps 1-4 on all the tubes that you are placing into your setup.



Suspension Cable Grip

STEP 1

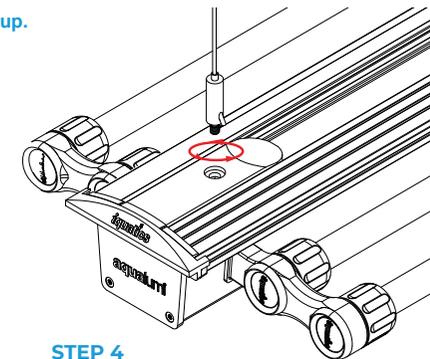
Push down on the top nipple to release the locking latch.

STEP 2

Insert the nylon coated suspension cable keeping the nipple pressed down until the cable exits the bottom side exit.

STEP 3

Adjust the lighting system height to the desired location and release the nipple to secure the cables in position.



STEP 4

Screw the threaded end of the suspension fitting onto the receiving hole on each end of the lighting system.