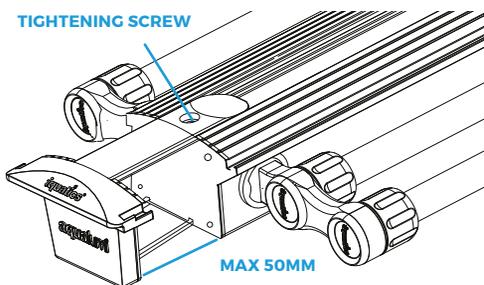


FITTING FLAPS

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	24w (550mm)	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	39w (850mm)	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

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.

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.



DRIP LOOP (FIG 1)

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

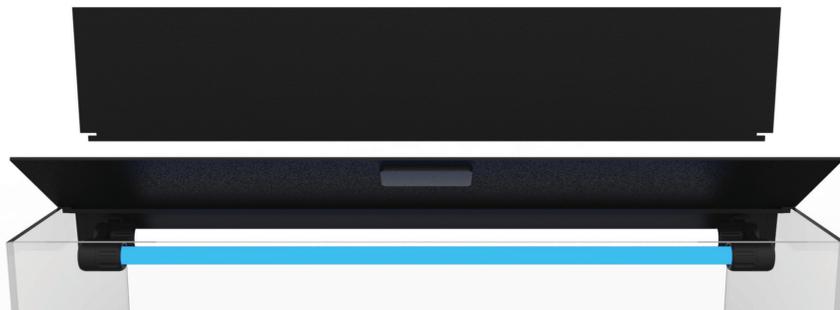
220v-240v (Fluctuation) Ambient working temperature +65 degrees C.

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 maybe 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.



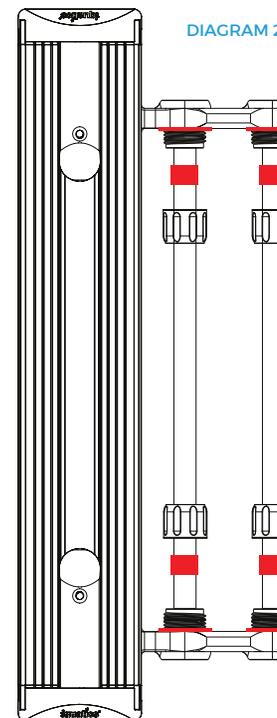
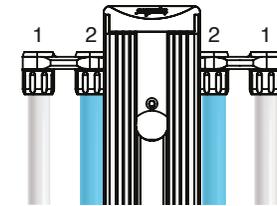
TIP Change the bulbs at the time of day at which your lighting is not in use, saving you having to disturb the timing of your aquarium lighting and ensuring the unit is fully cool.

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

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



Seals and washer are shown in red for illustration purposes.

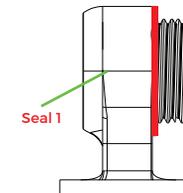
STEP 1

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

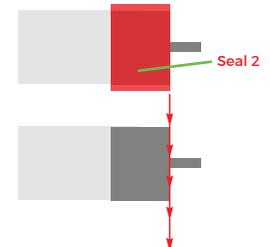


STEP 2

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.

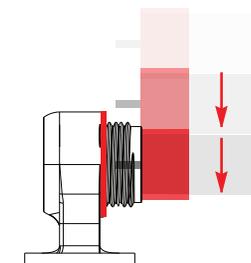


Carefully slide seal 2 onto each end of the fluorescent tube aligning it up to the outer edge of the metal end cap as shown here. The rubber seals are important to create a water tight seal.



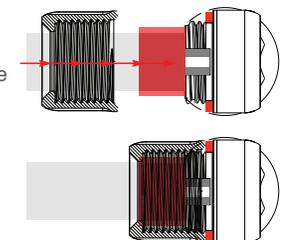
STEP 3

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.