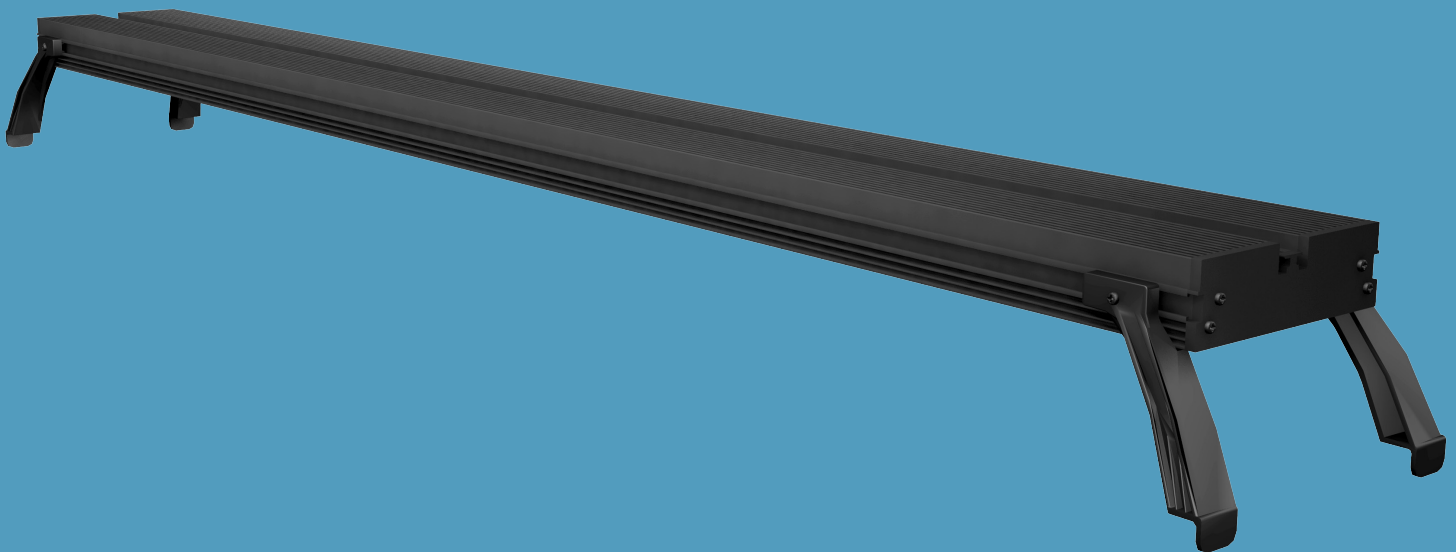


INSTALLATION & MAINTENANCE GUIDE

1W LED LIGHT FIXTURES

Item #	Product Description
420263	Light 24 IN 1W X 24 LED, 24W Expandable WHT BLU PUR
420265	Light 36 IN 1W X 36 LED, 36W Expandable WHT BLU PUR
420267	Light 48 IN 1W X 48 LED, 48W Expandable WHT BLU PUR
420264	Light 24 IN 1W X 36 LED, 36W Expandable WHT BLU PUR
420266	Light 36 IN 1W X 54 LED, 54W Expandable WHT BLU PUR
420268	Light 48 IN 1W X 72 LED, 72W Expandable WHT BLU PUR



WELCOME!

Thank you for purchasing an AquaticLife™ Light Fixture for use with your aquarium!

We know you value quality and innovation and will be pleased with this product's performance.

We encourage you to take a few minutes to become familiar with this manual and note items that apply to your particular model. Select parts and accessories can be purchased direct from Aquatic Life for customizing your fixture.

For additional information, please visit www.aquaticlife.com.

Your purchase includes a coupon on the side of the box.

Save Life Rewards™ point coupons from Aquatic Life products and redeem them for free merchandise at www.aquaticlife.com. This is our way of saying thank you for your loyalty.

TABLE OF CONTENTS



This symbol indicates “**WARNINGS**” that are essential in order to protect against injury to people or damage to equipment.



This symbol indicates “**NOTES**” that are specific instructions on how to operate, control, adjust or maintain the units.



This symbol indicates “**TIPS**” that are intended to offer helpful advice for a better user experience.

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Commerce, CA 90040
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Check us out on...



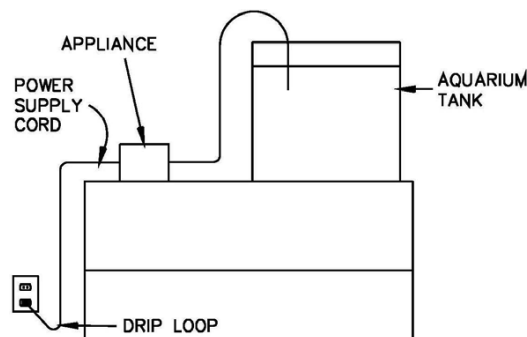
SAFETY INSTRUCTIONS



WARNING

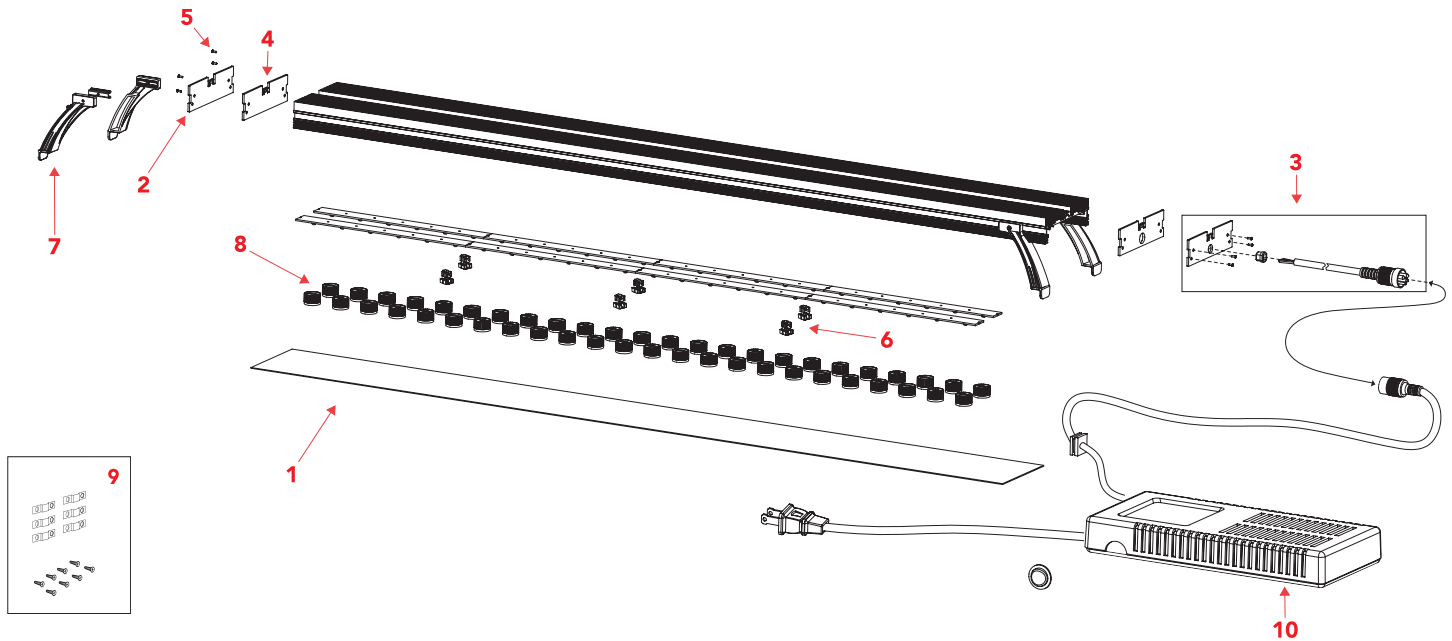
TO GUARD AGAINST INJURY, BASIC PRECAUTIONS SHOULD BE OBSERVED, INCLUDING THE FOLLOWING:

- A) **READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**
- B) **DANGER** – To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt repairs by yourself; return the appliance to an authorized service facility for service or discard the appliance:
- 1) If the appliance falls into the water, DON'T reach for it! First unplug it and then retrieve it. If electrical components of the appliance get wet, unplug the appliance immediately. (Non-immersible equipment only)
 - 2) If the appliance shows any sign of abnormal water leakage, immediately unplug it from the power source. (Immersible equipment only)
 - 3) Carefully examine the appliance after installation. It should not be plugged in if there is water on parts not intended to be wet.
 - 4) Do not operate any appliance if it has a damaged cord or plug, or if it is malfunctioning or has been dropped or damaged in any manner.
 - 5) To avoid the possibility of the appliance plug or receptacle getting wet, position aquarium stand and tank to one side of a wall-mounted receptacle to prevent water from dripping onto the receptacle or plug. A "drip loop," shown in the figure below, should be arranged by the user for each cord connecting an aquarium appliance to a receptacle. The "drip loop" is that part of the cord below the level of the receptacle, or the connector if an extension cord is used, to prevent water traveling along the cord and coming in contact with the receptacle. If the plug or receptacle does get wet, DON'T unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the appliance. Then, unplug and examine for presence of water in the receptacle.
- C) Close supervision is necessary when any appliance is used by or near children.
- D) To avoid injury, do not contact moving parts or hot parts such as heaters, reflectors, lamp bulbs, and the like.
- E) Always unplug an appliance from an outlet when not in use, before putting on or taking off parts, and before cleaning. Never yank the cord to pull the plug from outlet. Grasp the plug and pull to disconnect.
- F) Do not use an appliance for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
- G) Do not install or store the appliance where it will be exposed to the weather or to temperatures below freezing.
- H) Make sure an appliance mounted on a tank is securely installed before operating it.
- I) Read and observe all the important notices on the appliance.
- J) If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for less amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
- K) For added safety, the appliance must be plugged into a receptacle controlled by a GFCI (ground fault interrupter) circuit breaker. The device must be properly connected to a grounded three-prong receptacle.
- L) This appliance is intended FOR HOUSEHOLD USE ONLY.
- M) This Light Fixture is required to be used over a covered aquarium. A glass top or protective barrier is required to minimize the fixture's exposure to water.
- N) **SAVE THESE INSTRUCTIONS**



1W LED LIGHT FIXTURES PARTS / SPECS

PARTS DIAGRAM



Parts List

	24 in (420263/420264)	36 in (420265/420266)	48 in (420267/420268)
① Lens Cover Acrylic	9000495	9000496	9000497
② End Plate Exp LED 1W (no power cord)	9000498	9000498	9000498
③ End Plate Exp LED 1W & Power Cord	9000510	9000510	9000510
④ End Plate Blue Accent LED 1W (universal)	9000499	9000499	9000499
⑤ Screws LED 1W End Plate/Accent Plate (12 PK)	9000500	9000500	9000500
⑥ Connector LED 6-1W Strip	9000508	9000508	9000508
⑦ Aquarium Frame Mounts (4 PK)	470146	470146	470146
⑧ Reflector LED 90 Deg (6 PK)	9000507	9000507	9000507
⑨ Link Hardware Exp LED 1W (4 bars, 8 screws)	9000506	9000506	9000506
⑩ Driver (complete w/switch & disconnect)	9000501/ 9000502	9000502/ 9000504	9000503/ 9000505
Optional Reflector LED 60 Deg (6 PK)	9000509	9000509	9000509
Optional Suspension Hardware	420147	420147	420147

Product Specifications

	24 in (420263/420264)	36 in (420265/420266)	48 in (420267/420268)
Rated Voltage:		120 Volt AC	
Rated Cycle:		60Hz	
Power Cord:		1 Meter	
Fixture Cord:		2 Meters	

1W LED LIGHT FIXTURES INSTALLATION

INSTALLATION

Your new Aquatic Life 1W LED Light Fixture is easy to set-up and install. Follow these simple steps:

- 1) If using multiple fixtures, link two fixtures together (page 5).
- 2) Install the included Aquarium Frame Mounts (page 6) or suspend with optional Suspension Hardware (page 6).
- 3) Connect the Fixture or Fixtures Cord/s to the Driver/s (page 6).

LINKING MULTIPLE FIXTURES

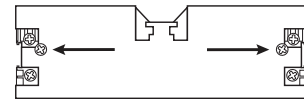
Tools required for installation:
Phillips #2 Screwdriver



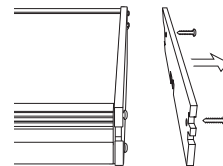
The Aquatic Life 1W LED Fixture is able to attach to another Aquatic Life 1W LED Fixture of the same length. The Aquarium Frame Mounts are designed to support a total of two linked 1W LED Light Fixtures.

Each fixture includes the hardware needed for connecting it to the other fixture. The Link Hardware Brackets are stored inside the fixture and accessed by removing the Acrylic Lens Cover. To access the Link Hardware:

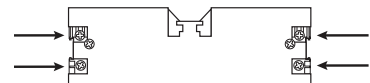
- 1) Remove the two screws from the right End Plate opposite of the power cord. (Phillips Screwdriver required).



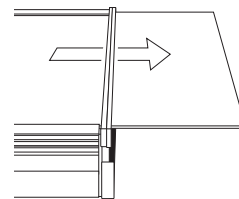
- 2) After the two screws are removed, pull the End Plate from the fixture.



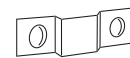
- 3) Remove the four screws from the Blue Accent Plate and pull the Blue Accent Plate from the fixture.



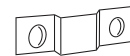
- 4) Slide the Acrylic Lens Cover out of the fixture.



- 5) Remove the Link Hardware Brackets that are stored on the side of the fixture opposite the power cord.



- 6) Slide the Acrylic Lens Cover back into the fixture and reattach the Blue Accent Plate and End Plate (Make sure to only secure the two middle screws).

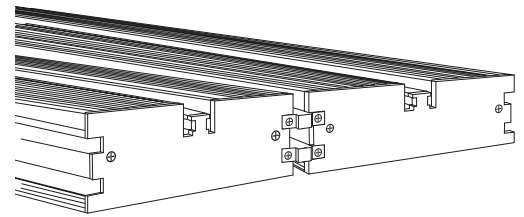
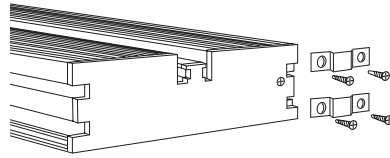


TIP: Place a large towel under the fixture while removing the parts to avoid scratching the fixture.

1W LED LIGHT FIXTURES INSTALLATION

LINKING MULTIPLE FIXTURES (CONTINUED)

Tools required for installation:
Phillips #2 Screwdriver



NOTE: Prior to connecting multiple light fixtures, remove the Aquarium Frame Mounts.

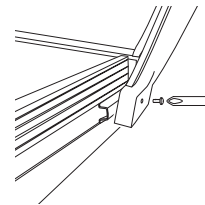
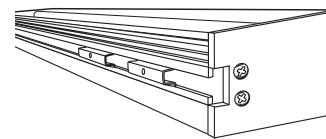


NOTE: When linking the other end of the fixtures, you will not need to remove the end plates.

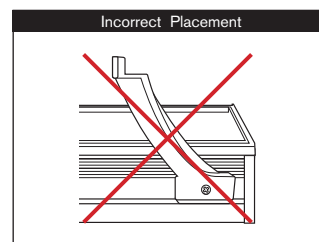
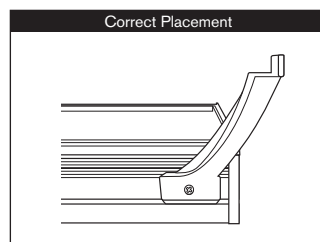
- 7) Repeat steps on second light fixture.
- 8) With the two fixtures placed side by side, attach the two Link Hardware Brackets using four screws.
- 9) Secure the outer sides of the Blue Accent Plate with the four remaining screws.
- 10) Repeat steps on the other end of the light fixtures.

AQUARIUM FRAME MOUNTS

- 1) Slide the metal anchors into the channel located on the side of the light fixture. Place two anchors per channel; two for the front and two for the back.
- 2) Place a Mount over the metal anchor and insert a screw through the Mount and into the anchor. Tighten the screw until the anchor pulls against the inside of the channel and secures the Mount to the fixture. Repeat for each Mount.



NOTE: There are two styles of legs included with the fixture. Position the Mounts so that the legs extend beyond the fixture.



NOTE: The same hardware is used to suspend one or two fixtures.

SUSPENSION SYSTEM (Optional Accessory, Item # 420147)

The Aquatic Life 1W LED Fixture can be hung from overhead supports with the optional suspension hardware. The fixture is equipped with Mounting Points on the housing for easy connection.

1W LED LIGHT FIXTURES INSTALLATION



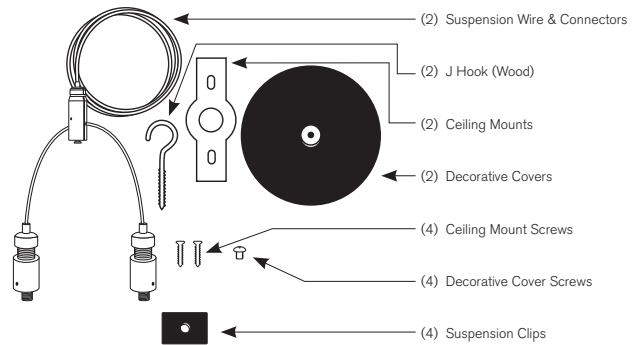
WARNING

Suspension hardware should be mounted into a secure surface only. Do not mount hardware directly into drywall/gypsum board or any similar material. Mounting hardware MUST be attached with the J hooks and into wood supports that can handle 75 lbs or more.



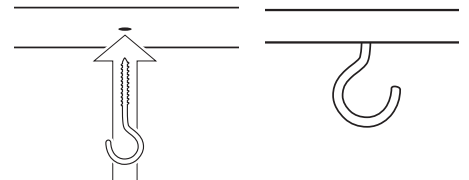
TIP: Aquatic Life recommends the use of a stud finder to locate an appropriate wood support.

PARTS LIST



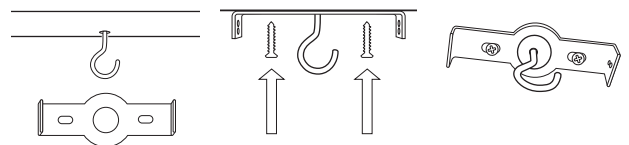
J HOOK

Locate a wood support structure above the aquarium, determine the location for the attachment of the J Hook and secure the J Hook into the wood.



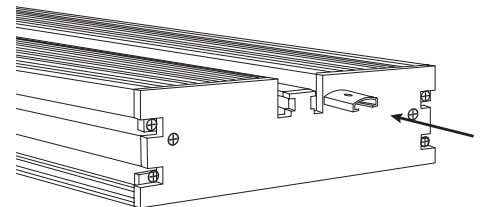
CEILING MOUNT

Position the Ceiling Mount over the J Hook and center the J Hook in the center of the Ceiling Mount hole. Use the two Ceiling Mount Screws to secure to surface.

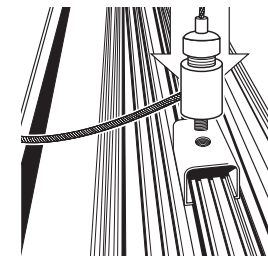


FIXTURE ATTACHMENT

1) If suspending one fixture, slide two Suspension Clips onto each end of the fixture. If suspending two linked fixtures, slide two Suspension Clips into both tracks on each of the linked fixtures.



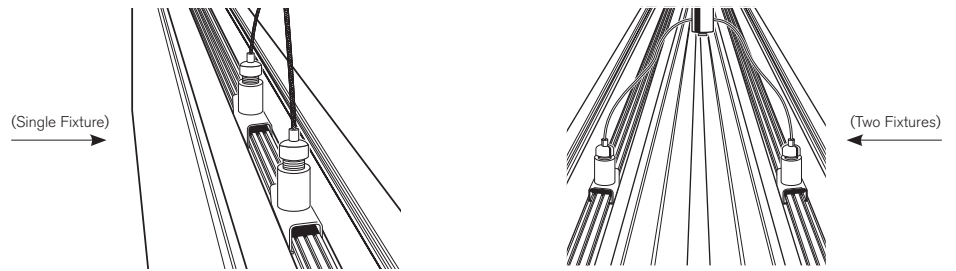
2) Screw in the Connector (with the cable attached) by turning the connector clockwise. Whether suspending one or two fixtures, all four Connectors must be attached. When each Connector is snug, the Suspension Clips will no longer slide in the track(s).



NOTE: The Suspension Clip will not slide once the connectors are screwed into the clip

1W LED LIGHT FIXTURES INSTALLATION

FIXTURE ATTACHMENT (CONTINUED)



FIXTURE PLACEMENT AND ADJUSTMENT



WARNING: It is extremely important to make sure the anchor is tight and cannot move, this is the part that keeps the light secure to the ceiling.



NOTE: Slide the Decorative Cover down the wire until it meets the top of the Adjustment Hardware above the fixture.

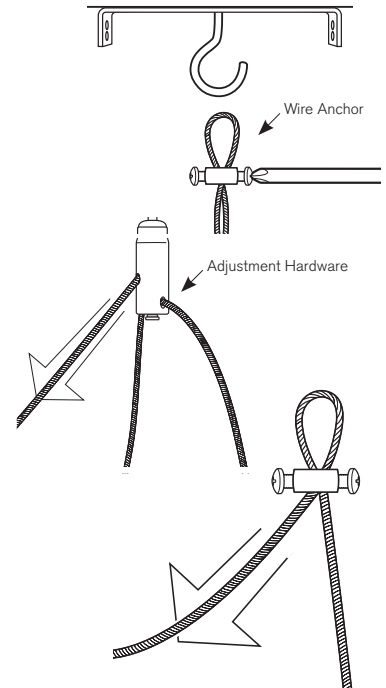
To adjust the height of the fixture above the aquarium, first make sure the wire anchor is tight to the wire and that there is a loop that can be placed over the J Hook in the ceiling.

Place the loop of wire onto the J Hook and allow the wire to suspend from the hook.

Pull any excess wire through the Adjustment Hardware located above the fixture. Level the fixture and measure the amount of extra wire pulled through the Adjustment Hardware. You will need the measurement for the next step in installation.

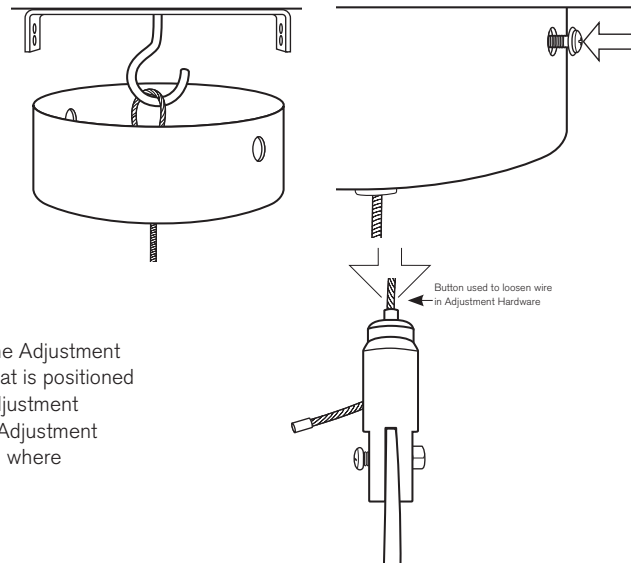
Remove the suspension wires from the J Hooks. Loosen the two screws located in the Wire Anchor so that the wire can slide freely in the anchor. The amount of *extra* wire pulled through the Adjustment Hardware should now be pulled through the wire anchor.

After the *extra* wire is pulled through the Wire Anchor, secure the two screws in the anchor. Place the loop in the suspension wire back over the J Hooks in the ceiling.



DECORATIVE COVER

Pull the Decorative Cover up and over the Ceiling Mount and attach the two Decorative Cover Screws into the side opening. Secure the Cover.



To loosen the wire pulled through the Adjustment Hardware, press the small button that is positioned around the wire at the top of the Adjustment Hardware. Gently pull down on the Adjustment Hardware until the fixture is back to where originally measured.

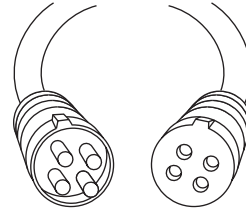
1W LED LIGHT FIXTURES MAINTENANCE

POWER

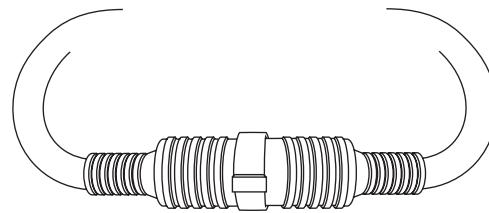
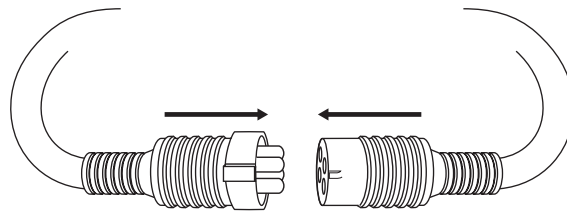
The Aquatic Life 1W LED Light Fixture is powered by a remote Driver.

- 1) Plug the cord connected to the light fixture into the cord exiting the Driver Box.
- 2) Connect the power cord into a grounded outlet (GFCI). Rock the switch on the Driver Box to turn on the light fixture. (Multiple power cords are required when connecting multiple fixtures together.)

1



2



MAINTENANCE

HOUSING

Unplug the 1W LED Light Fixture and wipe the housing with a clean moist/semi dry cloth to remove dust, salt and other debris that may have built-up on the fixture.

LENS COVER

Wipe the Acrylic Lens Cover with fresh water or an acrylic cleaner to maintain peak light transmission. If the Lens Cover is allowed to become dirty, it will reduce the amount of light that is emitted into the aquarium.



WARNING: The fixture is not waterproof. Do not spray or submerge the fixture.



TIP: Keep the Acrylic Lens Cover and Glass Cover over the aquarium clean to allow maximum light penetration into the aquarium.

REGISTERING YOUR PRODUCT(S) WITH AQUATIC LIFE

Please register your product online at www.aquaticlife.com within 15 days from the date of purchase. To validate your warranty, the Serial Number must be included with the registration. The serial number is located on the Power Cord Tag of your fixture and on the outside of the box. If you need help locating the serial number or your product, please visit our website at www.aquaticlife.com or call Aquatic Life at 1-888-548-3480.

Benefits Of Registration:

- *Confirmation of Ownership* Provides a record in the event you need to contact us about your product in the future.
- *Your Safety* Allows us to contact you with important product notifications
- *Improved Product Support* Helps us continue to tailor our products and services to meet your needs

LIMITED WARRANTY

Aquatic Life, LLC warrants that this Light Fixture shall be free from defective electrical components and leaks or cracks due to defects in materials or workmanship for a period of twelve (12) months from the date of purchase. If a defect is shown, Aquatic Life, LLC will, at Aquatic Life's sole discretion, either repair or replace the product without charge. No cash refunds will be made. This warranty is provided solely to the original consumer purchaser of the product and may not be transferred or assigned.

This warranty does not apply to damage resulting from accident, misuse, abuse, lack of reasonable care, failure to follow safety and installation instructions, use of the product with non-standard electrical service, or any other defect not resulting from defects in the electrical components of the product or defects in materials or workmanship. This warranty will not be effective unless and until the Aquatic Life product is shown to have been used in accordance with the safety and installation instructions accompanying the product.

THIS CONSTITUTES AQUATIC LIFE'S ENTIRE WARRANTY AND AQUATIC LIFE MAKES NO OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, WITH RESPECT TO THE PRODUCT. AQUATIC LIFE, LLC SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IF AQUATIC LIFE, LLC CANNOT LAWFULLY DISCLAIM IMPLIED WARRANTIES UNDER THIS LIMITED WARRANTY, ALL SUCH WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

AQUATIC LIFE IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY. AQUATIC LIFE, LLC EXPRESSLY DISCLAIMS ALL ALLEGED DAMAGES FOR LOSS OF MARINE LIFE, PERSONAL INJURY, AND/OR PROPERTY DAMAGE.

Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages or exclusions or limitations on the duration of implied warranties or conditions, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary by state or province.

Aquatic Life, LLC shall not have any obligations under this warranty unless the owner notifies Aquatic Life, LLC in writing of any alleged defect(s) within 30 days of discovery of the defect(s). Any notice to Aquatic Life, LLC must be delivered by United States or electronic mail to the following address:

U.S. Mail
Aquatic Life, LLC
2416 W. Victory Blvd, #136
Burbank, CA 91506

Electronic Mail: customersupport@aquaticlife.com

Aquatic Life, LLC shall be allowed a reasonable period of time to investigate any warranty claim and to perform any testing Aquatic Life, LLC deems necessary to determine the cause of the defect. This warranty shall be interpreted under the laws of the State of California.



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