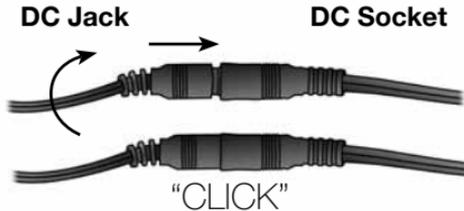




CONGRATULATIONS

Timer Usage

! PLEASE NOTE: Your LED Strip Light is preprogrammed out of the box.



Push and twist DC Jack clockwise into DC Socket to ensure water resistant connection. You should hear and feel a click.

The programmed cycle is:

- Blue LEDs only at 9:00AM
- Blue and White LEDs at 10:00 AM
- Blue LEDs only (whites off) at 8:00 PM
- All LEDs OFF at 10:00 PM

After the initial cycle the default clock position will be at 3:00 PM.

In the event there is a loss of power, the system will reset to these default settings.

Reset Clock



To change the clock, please follow these steps:

1. Press and hold both the blue and white buttons at the same time for 3 seconds.
2. The time on the clock will begin to flash.
3. Press the white button to set the hour and press the blue button to set the minute.
4. After 5 seconds of inactivity, the clock will exit set mode.

Blue LEDs On and Off Cycle



1. Press and hold the blue button for 3 seconds.
2. The timer will read "ON". You are now setting the time that the blue LEDs will turn ON.
3. Press the white button to set the hour and the blue button to set the minute.
4. After 5 seconds of inactivity, the timer will display "OFF". You are now setting the time that the blue LEDs will turn OFF.
5. Press the white button to set the hour and the blue button to set the minute.
6. After 5 seconds of inactivity the system will exit set up and return to the clock.

White LEDs On and Off Cycle



1. Press and hold the white button for 3 seconds.
2. The timer will read "ON". You are now setting the time that the white LEDs will turn ON.
3. Press the white button to set the hour and the blue button to set the minute.
4. After 5 seconds of inactivity, the timer will display "OFF". You are now setting the time that the white LEDs will turn OFF.
5. Press the white button to set the hour and the blue button to set the minute.
6. After 5 seconds of inactivity the system will exit set up and return to the clock.

Please note: You can manually override the cycle at any time by simply quick pressing (1 second) the white/blue button to turn the white/blue LEDs ON or OFF. This will not reset your preset lighting cycle.

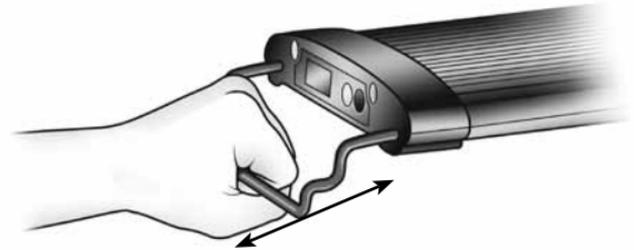
Installation and Usage

Lighting Placement



- **ALWAYS** center light shell over aquarium.
- **ALWAYS** mount legs on the outside of the aquarium frame.
If needed you can remove legs and position light directly on top of the glass canopy.
- **ALWAYS** use over a clear canopy to prevent damage or blockage of light due to hard water stains on the lenses.

Adjusting Mounting Legs

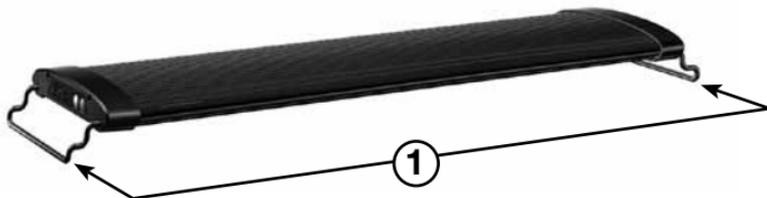


Flexible mounting legs are stylish and adjustable for flexibility across several aquarium widths.

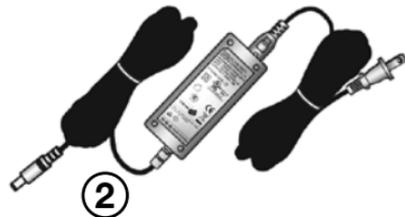
- Aquarium LED 18 – flexible on aquariums 18-24" wide
- Aquarium LED 24 – flexible on aquariums 24-36" wide
- Aquarium LED 36 – flexible on aquariums 36-48" wide
- Aquarium LED 48 – flexible on aquariums 48-60" wide

Parts Diagram & Identification

Mounting Legs



Power Adapter



Replacement Parts

KEY	ITEM DESCRIPTION FITS	ITEM NO.	KEY	ITEM DESCRIPTION FITS	ITEM NO.
1	Mounting Legs 18"-24" & 24"-36"	ML19515	2	Transformer REEF LED 24"-36"	ML90528
1	Mounting Legs 36"-48" & 48"-60"	ML19516	2	Transformer REEF LED 36"-48"	ML90529
2	Transformer Elite LED 18"-24"	ML19517-01	2	Transformer REEF LED 48"-60"	ML90530
2	Transformer Elite LED 24"-36"	ML19518	2	Transformer Aquatic Plant LED 18"-24"	ML90581
2	Transformer Elite LED 36"-48"	ML19519	2	Transformer Aquatic Plant LED 24"-36"	ML90528
2	Transformer Elite LED 48"-60"	ML90527	2	Transformer Aquatic Plant LED 36"-48"	ML90582
2	Transformer REEF LED 18"-24"	ML90527	2	Transformer Aquatic Plant LED 48"-60"	ML90530

Questions or Missing Parts: Call Customer Service (800) 322-1266

(M-F 7:30 am - 5:30 pm Eastern Time)

www.marineland.com

Safety Instructions

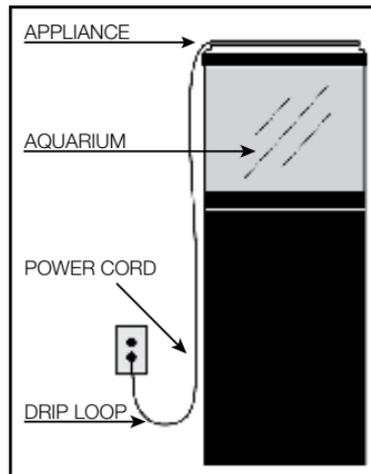
IMPORTANT SAFEGUARDS

WARNING: To guard against injury, basic safety precautions should be observed, including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

DANGER: Since water is employed in the use of aquarium equipment, special care should be taken to avoid electric shock. For each of the following situations, do not attempt to repair the appliance yourself. Return it to an authorized service facility for service, or discard it.

1. A. If the appliance falls into the water, do not reach for it. First unplug it and then retrieve it.
B. If electrical components of the appliance get wet, unplug the appliance immediately.
C. Carefully examine the appliance after installation. It should not be plugged in if there is water on parts not intended to get wet.
D. Do not operate any appliance if it has a damaged cord or plug, if it is malfunctioning, or if it has been dropped or damaged in any manner.
E. To avoid the possibility of water dripping onto the appliance plug or outlet, position aquarium stand and tank to one side of a wall-mounted outlet. A “drip loop” (see illustration) should be arranged for each cord connecting an aquarium appliance to an outlet. The “drip loop” is the part of the cord below the level of the outlet (or extension cord connector) that prevents water from traveling along the cord to the outlet. If the plug or outlet gets wet, do not unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the appliance. Then unplug the appliance and examine the outlet for presence of water.
2. Close supervision is necessary when any appliance is used by or near children.
3. To avoid injury, do not contact moving parts or hot parts such as heaters, reflectors, lamp bulbs, etc.



4. Always unplug an appliance from an outlet when it is not in use, before putting on or taking off its parts, and before cleaning it. Never yank cord to pull plug from outlet. Grasp the plug and pull to disconnect.
5. If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for fewer 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.
6. Do not use an appliance for other than its intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
7. Do not install or store the appliance where it will be exposed to the weather or to temperatures below freezing.
8. Make sure the appliance is securely mounted on aquarium before operating it.
9. This appliance was designed for use over a glass aquarium cover or acrylic top.
DO NOT USE OVER "OPEN" WATER.

SAVE THESE INSTRUCTIONS

Clean and Care Guide

For maximum light output it is important to keep the clear LED lenses clean. Below are a few tips to remember when cleaning your light:

- Always unplug your LED light while cleaning.
- When cleaning please take care and use a soft cloth to avoid scratching the clear LED lenses. Scratches will cause the output from the light to diminish.
- Household vinegar (5-6% acetic acid vinegar solution) will remove most deposits that have formed on the underside of the housing.
- Always apply the solution to a soft cloth then wipe down the light. Never apply the solution directly to the light.
- Refrain from using household cleaners that contain ammonia or bleach when cleaning your light. These can damage the light and may cause problems in your aquarium.

Troubleshooting Guidelines

IMPORTANT: Always unplug any LED Strip Light before inspecting or disassembling for any reason.

If the lights stop working:

- Double check that both the adapter and power plug are securely plugged into light and wall socket.

If light still does not function:

- Please contact customer service at (800) 322-1266

For PAR/LUX Values please go to www.marineland.com

LIMITED WARRANTY Within one year from the date of original purchase, United Pet Group, Inc. (UPG) warrants that UPG will repair or replace, at its option, each new Marineland® LED Strip Light which is deemed defective in workmanship or materials. Please return the unit, together with a sales slip receipt showing the date of purchase:

Call (800) 322-1266 for return authorization and shipping address.

Please wrap product carefully for protection during shipment.

Damage or injuries resulting from negligence or misuse are not covered by this warranty. Incidental or consequential damages are specifically excluded*. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

*Because some states do not allow the exclusion of incidental or consequential damages, this exclusion may not apply to you.

Customer Service: (800) 322-1266

(M-F 7:30 am - 5:30 pm Eastern Time)



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Cincinnati, OH 45230

1.800.322.1266

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