

SpiderLight™ Installation Instructions

This reflector will improve the efficiency of your lighting system only if installed and operated properly. The shape of the reflector is most important for proper light dispersion, bending or reshaping of the unit is not recommended. If the reflector needs to be slightly resized as in a retrofit application in an aquarium hood, then trimming of the reflector is the preferred method. Shears, tin snips, or heavy scissors work best. Care must be taken to remove any sharp edges with file and sand paper after cutting.

The pre-located mounting holes in the reflector allow for placement of the lamp bracket in two locations. When using longer 400W lamps, the bracket is mounted at the end location and for smaller 70-250W lamps the bracket is placed at the inner location. This insures that the arc tube of the lamp is as close to the center of the reflector as possible. Also insure that the protective cover on the SpiderLight™ is removed before starting the lamp. The reflector should be mounted so that the lamp is horizontal to the water surface and perpendicular to the front of the aquarium.

The SpiderLight™ is designed to disperse light over the widest range possible. When placed close to the water, it will cover a 2'x2' area. If the reflector is raised approximately 8 inches off of the water one reflector can cover a 3' length of tank. This will allow the reduction from three to two lamp required on a 6' tank in many instances.

Heat dispersion is a key design feature of the SpiderLight™. The spacers included in the kit **MUST** be used to insure an air gap between the reflector and the attaching surface. To aid in assembly, the spacers can be lightly glued to the reflector before installation to insure they stay in place. Use four spacers under the lamp bracket and the other two spacers to support the other end of the reflector. Holes in the outer legs of the reflector are provided for additional mounting support but are not required. It is highly recommended that the canopy be removed prior to installing reflectors to avoid the potential of dropping hardware in the aquarium.

When wiring your ballast to the socket, make sure that the power is disconnected from the ballast before touching any part of the socket area. Connect the black and white wires of the mogul socket to the black and white wires of your metal halide ballast output with appropriate sized wire nuts, or other sound interconnection method.



