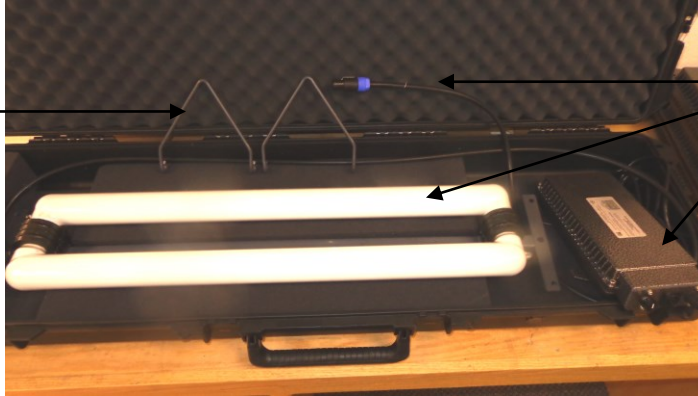


Aqua-PAR Submersible Lamp Systems

This product consists of three separate components which when operated together are designed to be used safely as a submersible lamp in fresh or salt water environments. There are no user serviceable parts within this system and any repairs should be performed by the factory.

Plastic V Clips allow the lamp to be positioned in either a vertical or horizontal orientation.



Submersible electrodeless induction lamp with attached plastic bracket and standard 8 ft. cable with custom lengths available upon request.

Our universal power supply is rated for supply voltages between 110-277 VAC @ 60 Hz. The housings are IP65 rated but should not come in contact or be submerged in water. The driver is equipped with a 50% dimming capability and utilizes a positive locking Neutrik outlet.

Operating Essentials

1. Power must be off or disconnected anytime the lamp cable is connected or disconnected. Not doing so can result in electronic driver damage.
2. Do not run lamp out of water. The nature of the design to run underwater also requires the water to maintain a proper operating temperature. Running the lamp outside of water can result in damage to the lamp.
3. The AC power supplied to the system must have a proper ground.
4. The lamp will generate an electric field which can affect the operation and performance of any other sensors in the water. The grounding system of the lamp does safely drain this field.

Other operating notes:

1. The lamp will initially power at about 375 Watts power draw and then slowly drop to about 330 to 340 Watts.
2. The dimming circuit will not become active until about 10 to 15 seconds after initial power up.
3. The dimming circuit offers continuous dimming from 100% to 45% output. Power draw and light output will be proportional to the dimming.
4. The lamp will have some heat transfer to the water, enough to heat the water about 1 degree F per hour per 100 gals of water per lamp.
5. The lamp does float so the customer will need to provide their own system to either weight or hold the lamp down. About 8 Pounds of dense material should be enough.
6. The main cross tube of the lamp is hollow so it will fill with water when submerged and drain when removed from water. So be careful to drain it over the water tank first.
7. The lamp fixture should be handled by the gray tubing and not the lamp glass.
8. Submersible lamp may usually be cleaned by simply wiping the lamp down with water and a clean rag. During cleaning care should be taken to not damage the two glass spurs that house the amalgam.

Please contact us for any technical questions or additional information regarding these products.

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