

Important: Read all instructions prior to installation.

UWL Series

Underwater LED Light



Safety and Notes

- Product should be installed and serviced in accordance with applicable national, state, and local building and electrical codes.
- To reduce the risk of electric shock, ensure that the main power source and circuit breakers are switched off before performing any installation or wiring procedures.
- Avoid looking directly into lamp when illuminated.
- Ensure all mounts are securely attached and will support the weight of the fixture. Failure to properly support fixture may result in damage or injury, for which the manufacturer does not assume responsibility.
- Light must be submerged when powered on to avoid overheating. Submersion depth should be equal to or less than 49.2 ft (15 m) to avoid water intrusion.
- Avoid direct contact with chlorine or substances that contain chlorine.
- Appropriate waterproof connectors are required in order to maintain waterproof rating.
- Use appropriate marine-grade sealants to secure and waterproof any drilled mounting or wiring holes.
- Avoid direct exposure to chlorine or chlorinated water, as it may damage the stainless steel housing over time.

Specifications

Environmental Specifications	
Operating Voltage	12–24 VDC
IP Rating	IP68

Installation Instructions

1. Ensure the main power source is disconnected or turned off before installation to avoid electric shock. Ensure the installation surface is clean, flat, and dry. Verify wire lengths and a mounting location that allows for easy access to wiring and allow for a fully submerged light when in use.
2. Use the light fixture as a template to mark the three drilling holes.
3. Drill pilot holes at the marked locations for the screws.
4. If running wires through the surface, drill an additional hole for the power cord.
5. Align the light with drilled holes and secure it with corrosion-resistant screws.
6. Run power to a 12–24 VDC power source, and make all wiring connections with a junction box rated for underwater use.
7. Apply marine-grade sealant around the edges of the fixture and any drilled holes to maintain watertight integrity.
8. Test light to confirm power functionality.

