

PureWhite™ LED Underwater Fountain Luminaires Installation Guide

(For Fountain, Ponds and Reflection Pools only)

Available in 120VAC and 12VAC models.

This owner's manual contains important information on installing and using your LED Underwater Fountain Luminaries. Read and follow all instructions contained in this manual. Please keep it in a safe place for future reference.



DANGER! RISK OF ELECTRICAL SHOCK OR ELECTROCUTION



This product must be installed by a licensed or certified electrician in accordance with the National Electrical Code and all applicable local codes and ordinances. Improper installation will create an electrical hazard which could result in death or serious injury to installer, or others due to electrical shock, and may also cause damage to property.



WARNING!

Before installing this product, read and follow all warning notices and instructions accompanying this product. Failure to follow safety warnings and instructions can result in severe injury, death, or property damage. Visit www.jandjelectronics.com or call (800) 735-4553 for additional free copies of these instructions.



WARNING!

Before installing this product, read and follow all warning notices and instructions accompanying this product. Failure to follow safety warnings and instructions can result in severe injury, death, or property damage. Visit www.jandjelectronics.com or call (800) 735-4553 for additional free copies of these instructions.

Installing LED Underwater Fountain Luminaries

Before the light fixture is installed the following steps must be completed by the electrician:

1. Verify that the fountain meets the requirements of the current National Electrical Code and all local codes and ordinances. A licensed or certified electrician must install the electrical system to meet or exceed those requirements before the underwater light is installed.
2. Verify that the lighting circuit has a Ground Fault Circuit Interrupter (GFCI) for line voltage models and has an appropriately rated circuit breaker.
3. Ensure that the fountain has enough water depth for the entire fixture to be completely submerged at least 2 inches below the minimum operating water level.

Once electrical requirements have been met:

1. Bolt fountain base securely to flooring using 1/4" screws. NOTE: Fountain base can be installed as a freestanding base not required to be bolted down.
2. Check Local Codes for Junction Box installation requirements. Ensure that the length of exposed cord in the fountain is no more than 10 feet (3 m.), see Figure 1 on page 2.
3. Cut the cord at the Junction Box, leaving at least 6 inches of cord to make connections.
4. Strip 6 inches of the outer cord jacket to expose the three insulated wires – be careful not to damage the insulation on the three inner wires.
5. Position the Fountain Fixture as desired in the fountain.
6. If required by Local Ordinances, use the supplied bonding lug kit with the Fountain Fixture to ensure proper bonding of light.
7. Fill the fountain until the light is completely submerged in water before operating it. Entire fixture must be at least 2 inches below minimum operating water level.
8. Turn on main switch or circuit breaker, as well as the switch that operates the light itself, to check for proper operation. Refer to Operating Instructions.



WARNING!

Never operate this underwater light for more than 2 minutes unless it is totally submerged in water. Without total submersion, the light assembly will get extremely hot, which may result in serious burns or in breakage of the lens. This may result in serious injury to installers, bystanders, or in damage to property.

TECHNICAL SUPPORT

Phone: 800.735.4553 ext 242

For more information about this or other J&J Electronics lighting products, please visit www.jandjelectronics.com

PureWhite™ LED Underwater Fountain Luminares Installation

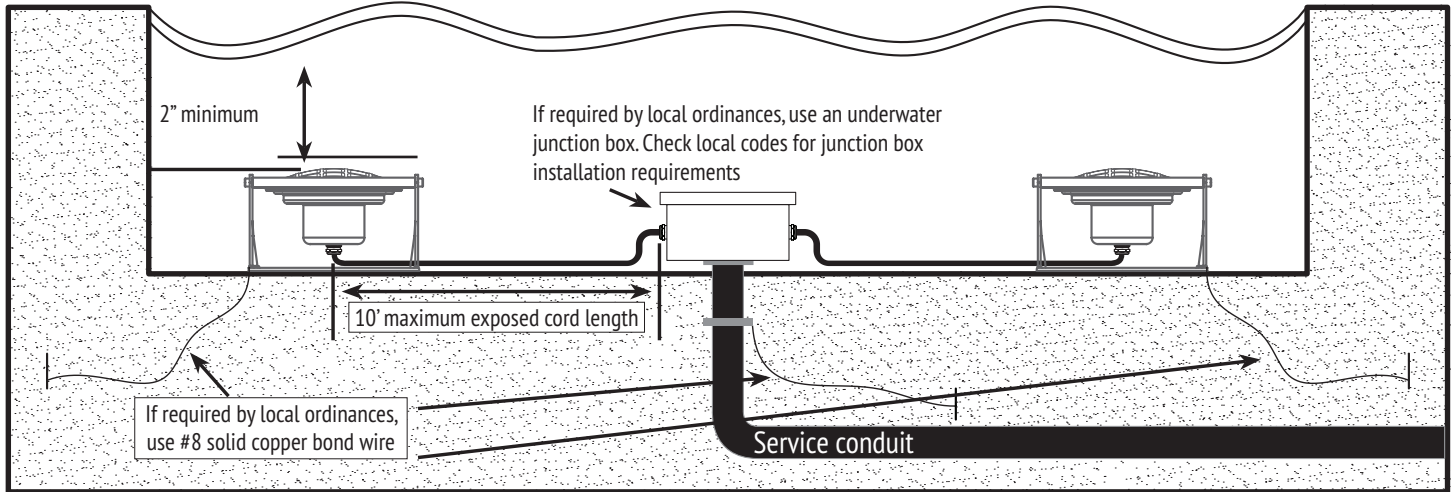


Figure 1

J&J ELECTRONICS, INC. 3-YEAR LIMITED WARRANTY PUREWHITE™ LED UNDERWATER LUMINAIRES

J&J Electronics, Inc. ("J&J") warrants its LED Underwater Fountain Luminares to be free from defects in material and workmanship, under normal use, conditions and service, from the date of purchase and warrants its products as follows:

PRODUCT LINE	STRUCTURAL HOUSING	LED MODULE
Large Fixture	Three (3) Year	Three (3) Year*
Small Fixture	Three (3) Year	Two (2) Year*

*If during the first twenty-four (24) months (Large Fixture) and first twelve (12) months (Small Fixture) of the warranty period, the LED Module fails to operate due to a defect in material or workmanship, J&J will, at its option, repair or replace fixture at no charge. If during months twenty-five (25) through thirty-six (36) (Large Fixture) and months thirteen (13) through twenty-four (24) (Small Fixture), the LED Module fails to operate due to a defect in material or workmanship, J&J will grant the purchaser a pro-rated credit for purchase of a J&J LED fountain fixture, as the purchaser's sole remedy.

TERMS AND CONDITIONS

This warranty is available to the original purchaser of the product(s) only. This warranty applies only when products are properly installed in a fountain; any other use voids the warranty. Products must be used in applications and in environmental conditions within the normal specified operating range. This warranty does not apply to any abnormal use of product(s), use in violation of any applicable standard, code or instructions for use in installations including those contained in the latest National Electrical Code (NEC), the Standards for Safety of Underwriters Laboratory, Inc. (UL), Standards for the American National Standards Institute (ANSI). This warranty will not apply in the event of conditions demonstrating abnormal use or stress, freezing, operating when not fully submerged, under/over voltage/current conditions, excessive switching cycles or operating hours or outside the recommended operating conditions. This warranty does not apply to normal color shifts or dimming that may occur over the life span of the LED's. If the product operates for 15 or more hours per day or continuously for 24 hours per day, the product warranty period stated shall be reduced to half the stated period. This warranty does not cover damage occurring during shipment, damage or failure resulting from alteration, accident, acts of God, theft, abuse, negligent installation, improper service, unauthorized repairs, freezing or where adequate care has not been taken to prevent damage to the product(s). Tampering with any internal component of this product(s) will void the warranty.

This warranty gives you specific rights. You may have other rights that vary according to the laws of your state.

LIMITATION OF LIABILITY

THE FOREGOING SHALL CONSTITUTE THE EXCLUSIVE REMEDY OF THE PURCHASER AND IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OR TRADE. THE LIABILITY OF J&J UNDER THIS WARRANTY SHALL BE LIMITED TO THE REPLACEMENT, REPAIR OR PRO-RATED CREDIT OF THE PRODUCT(S) AS STATED HEREIN. J&J IS NOT RESPONSIBLE FOR SHIPPING OR TRANSPORTATION COSTS RELATED TO OBTAINING WARRANTY SERVICE. IN NO EVENT SHALL J&J BE LIABLE FOR ANY OTHER COSTS OR DAMAGES, INCLUDING LOST PROFITS OR REVENUES, LABOR CHARGES OR FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES.

J&J reserves the right to change the warranty, warranty period without prior notice and without incurring obligation.

To obtain warranty service, retain the failed Product; retain the installation invoice showing product purchase price and contact J&J Electronics, Inc. at 800.735.4553 ext. 242 or warranty@jandjelectronics.com. As of 01/21/2014