

UL316SS series Submersible/Dry LED Lights – Linear styles

UL316-LINEAR 12VAC/24VDC, 27W - DRY / WET SUBMERGED

UL316-LINEAR-RW 12VAC/24VDC, 36W - DRY / WET SUBMERGED

UL316-LINEAR-RW-60 24VDC, 60W – WET SUBMERGED

INSTALLATION INSTRUCTIONS

All lights should be installed by a certified electrician familiar with DMX technology in accordance with the National Electric Code and all relevant local codes.

Prior to installation, ensure that a 12VAC or 24VDC (matched to lights) UL Listed isolated low voltage Power Supply (wet contact limits) has been selected. It is recommended to use only 80% of the full wattage supplied to ensure adequate voltage to the fixture. Voltage drop for long runs must be calculated by the electrician and the correct cable size and/or starting voltage selected on the power supply. When beginning a new installation please check all fixtures for damage before installing and notify your supplier immediately including a photo if there is any damage. Failure to report damage within 3 days of receipt will void our 1-year warranty.

After removing each light from packaging, please tighten any cap nuts/screws around the face plate which may have loosened during shipping. The tightening torque should be 20 inch-pounds. This will ensure that all factory tested lights remain waterproof. Do not use a power tool to tighten screws as this may damage the threads by over torquing.

The wires at the end of the cable have been clearly labeled to identify power and DMX. Damage to a light caused by wrong connections or water leakage is not covered under warranty. If connecting to an underwater junction box, we recommend installing all lights and then checking that all are performing before potting the J box and adding water to the fountain. All underwater threaded connections (including cord seals) must be done with a marine grade epoxy sealant. Failure to adequately seal the junction box will result in water damage to the fixtures. All lights are supplied with 3 meters UL listed SOW, water resistant cable. All cable to complete the connections for power and data must be properly sized UL listed cable that meets the requirements of local codes. Please consider voltage drop on longer runs and only use shielded DMX cable to protect the data transmission.

Lights requiring individual addresses will require one of our coders. Instructions come with the coder. (OPTIONAL- Lights addressed at our factory will be marked accordingly)

When connecting to a DMX controller it is important to select a DMX-512 (1990 standard) model. It is assumed that the installer is familiar with DMX -512 regarding distances, # of individual connections and total runs for one universe.

UNMEI LED's 647-478-3993