



## **ProLED PAR36 Installation and Usage Instructions**

### **Warning:**

This lamp should be installed in accordance with the National Electric Code and local code specifications. Failure to follow these codes and installation instructions will void the warranty and may result in serious injury and/or damage to the lamp. Do not exceed maximum voltage rating or damage to the lamp may occur. This product is not designed for submersion or use in enclosed fixtures.

### **Important Safety Warnings:**

This lamp may become hot during operations, allow lamp to cool before handling. Regularly clear debris from the top and around the sides of the lamp to prevent excess heat buildup on the lamp. Install lamp no less than ten feet (3.05m) from pools, spas or fountains to minimize risk of electric shock. Always use UL listed wire and wire connectors for connections.

### **Water Resistance:**

The ProLED PAR36 lamp is designed to IP65 standards for exterior use and as such is protected from rain and low pressure irrigation jets. The lamp should not be placed in a situation where it would be submerged in water (intentionally or as a result of inadequate drainage), or installed in an enclosed fixture where heat can build up and significantly shorten the life of the lamp.

### **Installation and Operating Requirements:**

ProLED PAR36 lamps are equipped with a multipurpose (MP) terminal to work with both screw terminal and slip-on terminal installations. Turn off power before installation.

For screw terminal installation, loosen or remove the machine screws on the metal tabs on the back of the lamp. Then place the connector around the loosened screw or over the screw hole, and tighten or reinstall the screw.

For slip-on terminals, take terminal and attach each connector to the tab on the lamp. A small amount of dielectric grease may be used to ease installation and reduce the chance of corrosion if desired.

Installation in outside luminaires requires adequate drainage for the fixture to ensure that the back of the lamp is not submerged. The best practice in ensuring drainage is to install the fixture in a hole that is backfilled using 2" to 4" of pea gravel or sand around and under the fixture. Be sure to install the fixture so the lamp is located slightly above grade. This installation method is recommended by the majority of fixture manufacturers, and helps to ensure that water does not accumulate in the fixture. Failure to do this can result in submersion within the fixture and water seeping back through the terminals and damaging the lamp, or shorting the terminals and damaging the electrical system.

If the luminaire is not an inground fixture, steps must be taken to ensure that the fixture will not collect water that would submerge the back of the lamp. Weep holes may or may not be adequate in areas subject to heavy rainfall or irrigation, and should be tested for proper drainage.