

LED SINGLE SWIVEL

Installation Instructions for AL-RAD Series 100-150V AC Operation

WARNING: These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes, and/or the current National Electric Code (NEC).

WARNINGS: READ ALL INSTRUCTIONS BEFORE YOU START:

CAUTION - To reduce risk of fire, electric shock, or injury to persons, pay close attention to this manual and stay within its guidelines when using this product. Before use, note that this product requires an 100-150V AC power source. Ensure that the voltage of your power supply is compatible!

APPLICATION/USE:

This product is suitable for use in wet locations. Best practices include mounting fixture to a round or octagonal 4" junction box that is recessed, at least 1-1/2" in depth, and a mounting height of at least 7.87 feet (2.4 meters) from the ground. Check junction box size and location carefully before attempting to mount fixture.

INSTALLATION: See Figure 1 below for reference.

WARNING: Disconnect supply power from the source prior to installation! Do not rely on wall switch alone to turn off power. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. DO NOT install within 7.87 ft (2.4 meters) of the ground. Fixture can be eave mounted.

1. With the ground (GND) screw facing you, affix the cover mounting screws (type M4X24) to the mounting bracket from the backside so that they align with the two holes in the canopy. (Note: the outside holes align.)
2. With the ground (GND) screw facing you, pull the supply wires through the mounting bracket.
3. Attach the ground wire from the supply to the ground screw on the mounting bracket. NOTE: If the house/supply wiring does not include a ground wire, consult your local electrical code for approved grounding methods.
4. Secure the mounting bracket onto a standard junction box using provided #8 32x25 junction box screws, orienting the M4X24 cover mounting screws appropriately for your installation.
5. Pull the ground wire (copper wire) from the LED unit through the center opening of the gasket and attach this to the ground screw on the mounting bracket. This fixture must be properly grounded to operate.
6. Use wire nuts provided to connect the black fixture wire to the black (Hot) supply wire and the white fixture wire to the white (Neutral) supply wire.
4. Install LED fixture over the mounting bracket, aligning M4X24 cover mounting screws, making sure not to pinch any wires. Tighten the decorative screw cap covers to secure the unit to the mounting bracket.
5. Apply silicone caulking (not included) around the perimeter of the canopy where it contacts the mounting surface for moisture seal.
6. Adjust the lamps and sensor to the direction you would like to cover.

ADDITIONAL SAFETY MEASURES:

1. LEDs are not serviceable. Do not attempt to open the LED light engine.
2. LEDs are bright. Do not look directly into fixture.
3. Not intended for recess mounting in any type of installation.
4. Use minimum 20 AWG coated wire for supply leads.
5. These fixtures can be used outdoors. The minimum height from the ground shall not be less than 7.87 feet (2.4 meters).
6. Be sure to connect ground fixture.
7. If protective lens cover is broken, the fixture must be replaced. Do not use without a protective cover.

