

# LED WEDGE FLOOD LIGHT



## Installation Instructions for AL-WG 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). Use this product only with its attached plug-in power cord. Any other power cord or feed may damage the fixture.

### 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 49" (1.2 meters) from the ground. Check junction box size and location carefully before attempting to mount fixture. Do not mount within four feet (1.2 meters) of the ground in any outdoor installation.

### INSTALLATION: See Figure 1.

**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 49" (1.2 meters) of the ground.**

1. Loosen the set screw at the base of the fixture.
2. Remove the two M4x12 cylindrical screws to separate the LED plate and light fixture.
3. Install the mounting bracket onto a standard junction box using provided screws. Make sure the GND screw is facing you.
4. Use ground screw on the mounting bracket to connect the ground wire (copper wire) from the LED unit and from the house junction box. NOTE: If the housing wiring does not include a ground wire, consult our local electrical code for approved grounding methods.
5. Use wire nuts to connect the black fixture wire to the black (Hot) supply wire and the white fixture wire to the white (Neutral) supply wire.
6. Install LED plate over the mounting bracket and replace the M4x12 cylindrical screws. Place light fixture over LED plate and secure using the M4x10 set screw (location of threaded hole is at the bottom of the light fixture).
7. Apply silicone caulking (not included) around the perimeter of the light fixture where it contacts the mounting surface and LED plate for moisture seal.

### 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 18 AWG coated wire for supply leads.
5. These fixtures can be used outdoors.
6. Be sure to connect ground lead.
7. If protective lens cover is broken, the fixture must be replaced. Do not use without a protective cover.

Figure 1

