

# INSTALLATION INSTRUCTIONS

## Howard LED Flood Light

FLL Series

FLL7, FLL8, FLL15, FLL23, FLL30, FLL32



### WARNING

Please read instructions carefully before attempting to install fixture and retain instructions for future reference.

Caution: To avoid electrical shock hazard –

- Turn off the electricity before installing or servicing the fixture.
- Electrical connections need to comply with National Electric Code and Local Electric Code.
- The fixture should be installed by a qualified electrician.

### APPLICATION/USE

This product is rated for use in wet locations and designed for surface mounting only. It is best to mount the fixture to a weatherproof electrical box. If an electrical box already exists in the mounting location, you may need to purchase additional equipment for installation.

### INSTALLATION

Thread the floodlight mounting arm into the ½” opening of the cover and secure it with ½” locknut (see “Fixture Wiring”)

### FIXTURE WIRING

1. Connect the black fixture lead to the voltage supply lead with wire connector.
2. Connect the white fixture lead to the neutral supply lead with the wire connector.
3. Connect the green or green/yellow or bare copper ground lead to the supply ground lead with the wire connector.
4. Cap and insulate all unused leads.

### TO AIM FIXTURE

1. Loosen the side bolt connected to the arm knuckle to aim the fixture up or down. Re-tighten the bolt to secure the fixture in the desired position.
2. For a rain tight seal, caulk the aiming arm joint, top and sides of the canopy with silicone caulking compound.

**For Wall mount, Ground mounting, or ceiling mount applications:** Seal the wire entrance with silicon sealant (not provided) so that moisture/water cannot enter the fixture via the wire way (chase nipple).

**WATER ENTRY THROUGH THE WIRE WAY VOIDS WARRANTY.**