

# **Guard Pro™Series**

**Installation Instructions** 

# **!** CAUTION

- All wiring should be done by a licensed electrician in accordance with state codes, local codes, and National Electrical Code (NEC) or International Electric
  Commission (IEC) standards.
- Improper installation may result in serious injury and void warranty.
- Contains parts and assemblies susceptible to damage by electrostatic discharge (ESD).
- · Surge protective devices should be utilized for fixtures installed in environments subject to power surges outside the specified operating parameters.

## **Ceiling Mounting**

- Use appropriate mounting hardware (customer supplied). Mark the mounting surface for mounting hardware locations. Recommended surface mounting bracket distance is 10.51 in (267 mm) (see Figure 1).
- 2. Secure the fixture to mounting surface.
- **3.** Use appropriate conduit and fittings to make electrical splices. Follow appropriate mounting and wiring instructions (see Figure 9).
- **4.** Be careful not to pinch the wires.
- **5.** Installation complete (see Figure 2).

# **Wall Mounting**

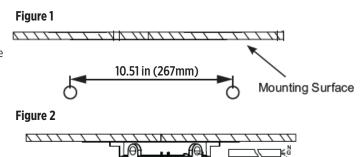
- Mark the mounting surface with mounting hardware locations (see Figure 3).
- 2. Secure the fixture to mounting surface.
- Use appropriate conduit and fittings to make electrical splices. Follow appropriate mounting and wiring instructions (see Figure 9).
- 4. Installation complete (see Figure 4).

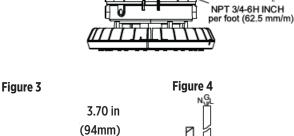
# Stanchion Mounting (25°)

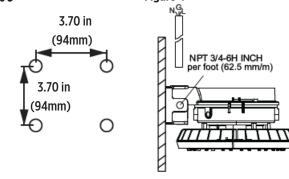
- Install the fixture on the fixed lamp pole. Stanchion mount has a NPT 1½ opening. Pole must match.
- 2. Secure the fixture, ensuring that there are three (3) pieces of fitting thread.
- 3. Adjust the direction of the fixture and twist the set screws.
- **4.** Use appropriate conduit and fittings to make electrical splices. Follow appropriate mounting and wiring instructions (see Figure 9).
- 5. Installation complete (see Figure 5).

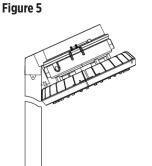
# **Pendant Mounting**

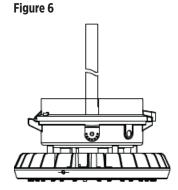
- 1. Fix the mounting pipe to the installation site.
- Secure the fixture on the mounting pipe, tighten the threads (at least three (3) full threads are required), torque to 525N.
- **3.** Use appropriate conduit and fittings to make electrical splices. Follow appropriate mounting and wiring instructions (see Figure 9).
- 4. Installation complete (see Figure 6).











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#### Installation Instructions



## **Surface Mounting**

- Use appropriate mounting hardware (customer supplied). Mark the mounting surface with mounting hardware locations. Recommended surface mounting bracket distance is 6.50 in (165mm) (see Figure 7).
- 2. Secure the fixture on the mounting surface.
- Use appropriate conduit and fittings to make electrical splices. Follow appropriate mounting and wiring instructions (see Figure 9).
- 4. Installation complete (see Figure 8).

# **Wiring Instruction**

Please follow the below steps and refer to Figure 9 to connect wiring to branch circuit.

- 1. Disconnect power.
- 2. Open the junction box of the luminaire.
- Install <sup>3</sup>/<sub>4</sub> inch trade size conduit to <sup>3</sup>/<sub>4</sub> inch NPT adapter on the luminaire. Please use rigid metal conduit only.
- **4.** Connect the L, N, G from branch to the terminal block, according to the markings on the terminal block.
- **5.** Close the power connecting cavity.

# **Cleaning and Maintenance**

**Caution:** Disconnect power. Be sure fixture temperature is cool to touch. Do not clean or maintain while fixture is energized.

- 1. Clean polycarbonate lens with non-abrasive glass cleaning solution.
- 2. Do not open the fixture to clean the LED. Do not touch the LED.

### **Troubleshooting**

- Check that the line voltage at the fixture is correct. Refer to wiring directions.
- 2. Ensure the fixture is properly grounded.

**Note:** These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.

#### Figure 7

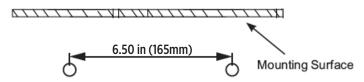


Figure 8

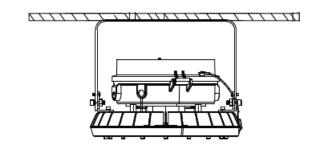


Figure 9

