

LED Lighting Fixture

SAVE THESE INSTRUCTIONS



BEFORE YOU BEGIN

Read and follow all safety instructions

WARNING

RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NRTL) approved wire for input/output connections.
- Minimum size 18 AWG or 14 AWG for continuous runs.
- Make sure LEDs and drivers are cool to touch when performing maintenance.
- Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous atmosphere, except where the ambient temperature does not exceed the rated operating temperature of the fixture.
- Keep tightly closed when in operation

Prepare Electrical Wiring



Electrical Requirements

- The LEDdriver must be supplied with 120 to 277V, 50/60 Hz and connected to an individual, properly grounded branch circuit protected by a 20 Ampere circuit breaker. Use min. 75°C supply.



Grounding Instructions

- The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes

LED Vapor Tight ORVT Series

Tools Required:

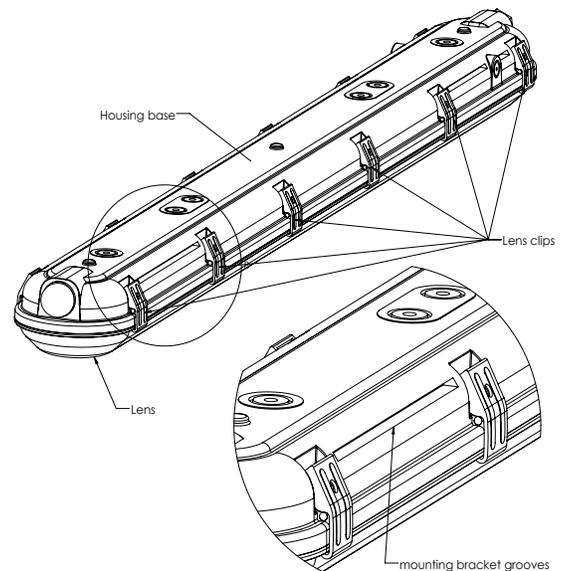
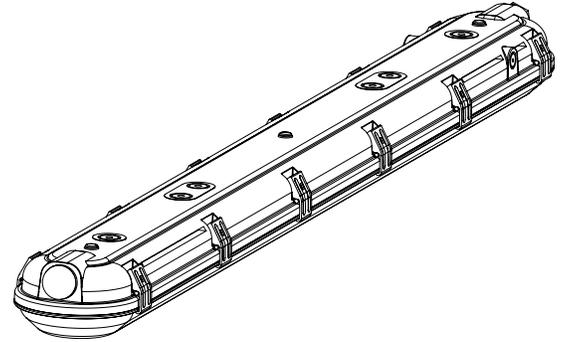
- #2 Phillips Screw Driver
- Wire Strippers
- Adjustable Wrench
- Wire Cutters
- Drill (with various bits and drivers)

Before starting:

- Ensure that the supply power is shut off.
- Unpack the fixture and ensure that there are no damaged or missing parts

Installation Steps:

- 1a) Secure the mounting bracket clips to the mounting surface using the appropriate hardware (provided by others)
- 2a) Attach one side of the fixture to both brackets, and then secure the fixture by attaching the other side. There should be a "click" when the second side is secured
- 3a) If connecting to a conduit pipe, unscrew the desired plug and attach the pipe. **Apply silicone RTV (provided by others) to threads for water-proof seal**
- b) If conduit piping is not used for installation, silicone RTV **must still be applied** to the conduit plugs for water-proof seal
- 4a) Unclip the lens to expose the LED gear tray. Set lens aside
- 5a) Remove the four phillips screws that secure the LED gear tray. LED gear tray will hang from plastic straps and the LED driver will be accessible for electrical connection
- 6a) Wire the fixture leads to the supply leads per **Figure 1** below
- 7a) Reattach the LED gear tray. Be careful not to pinch any wires.
- 8a) Replace the fixture lens. Make sure the plastic clips are properly seated when locking the lens in place. Snap clips to the lens to secure and seal the fixture



Standard Wiring Diagram



Figure 1.