

# LED READY FIXTURES SINGLE END OR DOUBLE END WIRING

## INSTALL INSTRUCTIONS

**PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION.** Please read the instructions before you install and use the luminaire.

### WARNING, CAUTIONS AND OPERATING INSTRUCTIONS

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For the installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

### WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

### CAUTION: RISK OF INJURY

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.

**! WARNING DISCONNECT POWER BEFORE INSTALLING OR SERVICING.**

**GENERAL FIXTURE WIRING - Always refer to install instructions that are provided with the direct-wire LED lamp being used in the fixture for specific wiring instructions.**

**Single-End lamps (Typical)** – Connect power input wires to the one end only that will power the lamps (Side “A” in Fig. 1). Connect Black to LINE, White to NEUTRAL, and Green Fixture Ground to GROUND. DO NOT hook up wires in the fixture going to Side “B” of the lamps. Use only UL-approved wire and connectors.

**Double-End lamps (Typical)** – Tie wires together on the one end of the fixture that corresponds to the L-side of the Double-End lamp being used (Side “A” in Fig. 2), and connect those wires to the LINE. Tie wires together on the opposite end of the fixture (Side “B” in Fig. 2 that corresponds to the N-side of the Double-End lamp being used), and connect those wires to NEUTRAL. Connect Green Fixture Ground to GROUND. Use only UL-approved wire and connectors.

**For High Bays** - remove the screws holding the reflectors to access the socket wiring; connect the wires for either single-end or double-end as needed for the Bypass-Ready tubes being used. Follow direct wire LED tube wiring diagram for specific wiring requirements. Reinstall reflector with all screws provided before installing lamps.

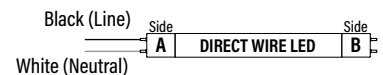
**MOUNTING OPTIONS** - May vary according to fixture and application.

**HIGH BAYS / STRIPS / WRAPS - CHAIN MOUNT WITH V-HOOK:** Use V-Hooks at each end of the fixture, connect the chain to the V-hooks and attach to mounting surface.

**STRIPS / WRAPS - SURFACE MOUNT:** Secure fixture to mounting surface by inserting anchor screws, toggle bolts or suitable fasteners (not provided), depending on structural conditions into key hole slots on the top side of the fixture.

**TROFFERS / PARABOLIC / DIRECT/INDIRECT - T-GRID CEILING (Fig. 3):** Start on one side and gently lay down the fixture in the T-Grid ceiling by opening the seismic hanger on each end (Fig. 4) 180° to engage ceiling grid frame. Safety wire tab on the back of the troffer bends up easily to accept wire from the ceiling structure. Thread wire through the tab and finish installation as any other grid fixture (Fig. 5).

**FIG. 1 - Single Ended Wiring (Non-Shunted)**



**FIG. 2 - Double Ended Wiring (Non-Shunted)**

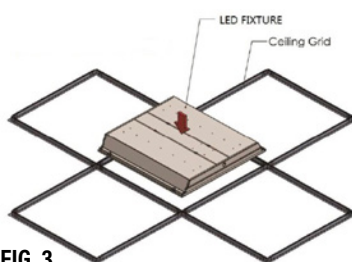


FIG. 3

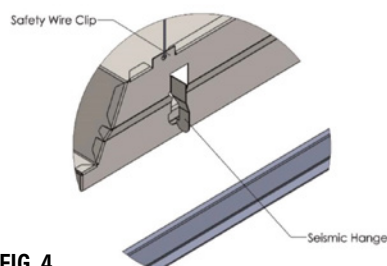


FIG. 4

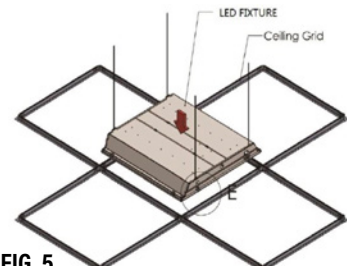


FIG. 5

Warehouse-Lighting.com  
2750 South 163<sup>rd</sup> St  
New Berlin, WI 53151

[Warehouse-Lighting.com](http://Warehouse-Lighting.com)  
Phone: 888-454-4480  
[info@warehouse-lighting.com](mailto:info@warehouse-lighting.com)