

IMPORTANT SAFETY WARNINGS



THE INSTALLATION MUST ONLY BE PERFORMED BY A LICENSED ELECTRICIAN. TO PREVENT DEATH, INJURY OR DAMAGE TO PROPERTY, THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE TO NATIONAL ELECTRIC CODE (NFPA70) IN THE US OR CANADIAN ELECTRICAL CODE (CSA22.1) IN CANADA.

L'INSTALLATION NE DOIT ÊTRE EFFECTUÉE QUE PAR UN ÉLECTRICIEN AGRÉÉ. POUR PRÉVENIR LES DÉCÈS, LES BLESSURES OU LES DOMMAGES MATÉRIELS, CE PRODUIT DOIT ÊTRE INSTALLÉ CONFORMÉMENT AU CODE NATIONAL DE L'ÉLECTRICITÉ (NFPA70) AUX USA OU CODE CANADIEN DE L'ÉLECTRICITÉ (CSA22.1) AU CANADA.

CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.

CONSULTER UN ÉLECTRICIEN QUALIFIÉ POUR VOUS ASSURER QUE LES CONDUCTEURS DE LA DÉRIVATION SONT ADÉQUATS.

SUITABLE FOR DAMP LOCATIONS. SUITABLE FOR OPERATION IN AMBIENT NOT EXCEEDING 45°C.

CONVIENT AUX EMPLACEMENTS HUMIDES. PEUT ÊTRE UTILISÉ À UNE TEMPÉRATURE AMBIANTE N'EXCÉDANT PAS 45°C.

CAUTION – RISK OF FIRE. MIN 90°C SUPPLY CONDUCTORS. CLASS 2. CLASS 1 WIRE ONLY.

ATTENTION – RISQUE D'INCENDIE. LES FILS D'ALIMENTATION 90 °C MIN. CLASSE 2. CLASSE 1 FIL SEULEMENT.

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Follow all manufacturer's warnings, recommendations and restrictions for: driver type, burning position, mounting locations/methods, replacement and recycling.
- Wear gloves and safety glasses at all times when removing fixture from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is powered on.
- Disconnect or turn off power before installation or servicing the fixture.
- Allow lamp/fixture to cool before handling.
- Do not exceed maximum wattage marked on the label.
- Do not operate in close proximity to persons, combustible materials or substances affected by heat or drying.
- Verify that supply voltage is correct by comparing it with the fixture label information.
- All wiring connections should be capped with UL-approved recognized wire connectors.
- **DO NOT INSTALL DAMAGED PRODUCT!** This fixture has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.
- Maintenance of the fixtures should be performed by person(s) familiar with the fixtures' construction and operation and any hazards involved. Regular fixture maintenance programs are recommended.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance.
- For information on how to recycle LED electronic products, please visit www.epa.gov

Specifications and dimensions subject to change without notice.



CAUTION: RISK OF PRODUCT DAMAGE



- Never connect components under load.
- Do not mount or support these fixtures in a manner that can cut the outer jacket or damage wire insulation.
- Unless individual product specifications deem otherwise: Never connect an LED product directly to a dimmer packs, occupancy sensors, timing devices, or other related control devices. LED fixtures must be powered directly off a switched circuit.
- Unless individual product specifications deem otherwise: Do not restrict fixture ventilation. Allow for some volume of airspace around fixture. Avoid covering LED fixtures with insulation, foam, or other material that will prevent convection or conduction cooling.
- Unless individual product specifications deem otherwise: Do not exceed fixtures maximum ambient temperature.
- Only use fixture in its intended location.
- LED products are Polarity Sensitive. Ensure proper Polarity before installation.
- Electrostatic Discharge (ESD): ESD can damage LED fixtures. Personal grounding equipment must be worn during all installation or servicing of the unit.
- Do not touch individual electrical components as this can cause ESD, shorten lamp life, or alter performance.
- Some components inside the fixture may not be serviceable. In the unlikely event your unit may require service, stop using the unit immediately and contact a US LED representative for assistance.
- Always read the fixtures complete installation instructions prior to installation for any additional fixture specific warnings.

PLEASE SEE PRODUCT SPECIFIC INSTALLATION INSTRUCTIONS FOR ADDITIONAL WARNINGS OR ANY APPLICABLE FCC OR OTHER REGULATORY STATEMENTS. FAILURE TO FOLLOW ANY OF THESE INSTRUCTIONS COULD VOID PRODUCT WARRANTIES. FOR A COMPLETE LISTING OF PRODUCT TERMS AND CONDITIONS, PLEASE VISIT WWW.USLED.COM

**REQUIRED TOOLS
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FIXTURE PACKING LIST

Description	Quantity
1) Fixture Housing	1
2) Wireway Cover	1
3) Wirenuts*	3
4) Lamp Holders.....	2
5) Wire kit	1

*Contained in Part Packs

FIGURE 1

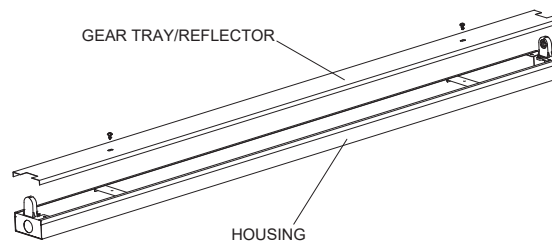


FIGURE 2

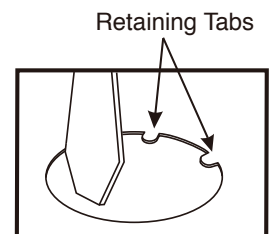
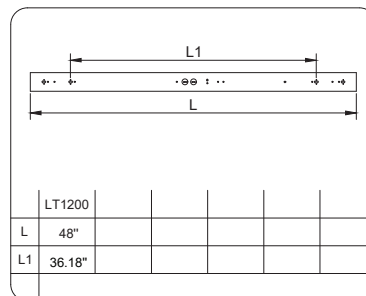


FIGURE 3



Screw Hole Location

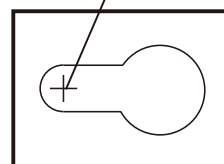
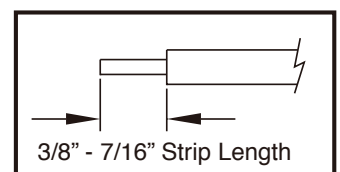


FIGURE 4



Specifications and dimensions subject to change without notice.

INSTALLATION INSTRUCTIONS

1. Remove fixture components and parts pack(s). Check that all parts are included (See Figure 1).

Note: Turn off power at the circuit breaker box.

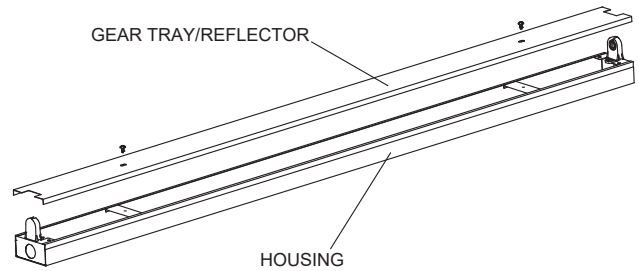
FIXTURE PACKING LIST

Description

- 1) Fixture Housing 1
- 2) Wireway Cover 1
- 3) Wirenuts* 3
- 4) Lamp Holders..... 2
- 5) Wire kit 1

*Contained in Part Packs

FIGURE 1



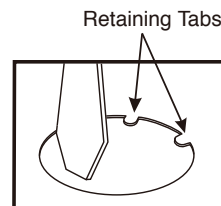
2. Remove wireway cover (2) by lifting upward on exposed edges of part. Start in the middle and work outward.

3. Remove the parts pack and place it in a convenient location during installation.

4. Determine appropriate knockout for removal in relationship to incoming power supply. Knockouts are located on each end and back of the fixture.

5. To remove knockouts: Place standard screwdriver on edge of circle (on opposite side from retaining tabs) and gently strike with a hammer. Grip edge with pliers and flex back and forth until removed. (See Figure 2)

FIGURE 2

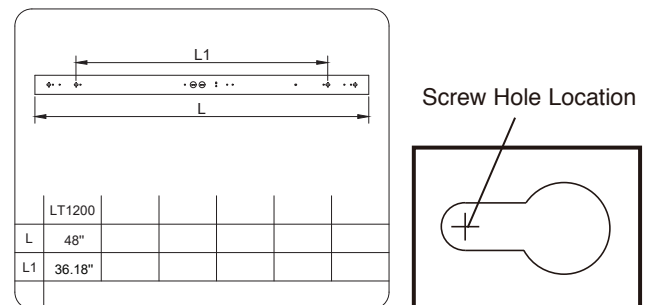


6. If using a romex strain relief bushing, install the bushing into the open hole.

7. Insert house power supply cable through open hole or strain relief bushing.

8. Position the fixture housing (1) against the mounting surface and with a pencil, mark the screw hole locations to be located at the narrow section of the keyholes. (See Figure 3)

FIGURE 3

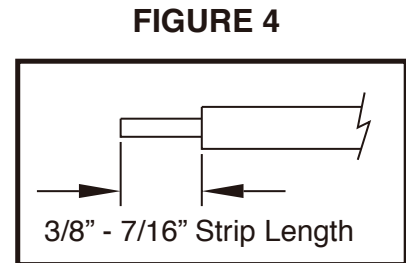


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INSTALLATION INSTRUCTIONS

- Using a drill with a 1/16" drill bit, make two small pilot holes at the marked screw hole locations. If drill bit does not encounter a stud or wood surface, use toggle bolts or suitable fastener depending on structural conditions. If drill bit does encounter wood surface, use #10 wood screw.
 - Partially install mounting screws. Position the fixture housing against the mounting surface with the screw heads through the keyhole mounting holes. Slide the fixture until the screw heads are through the narrow section of the key holes. Finish tightening the screws to secure the fixture against the mounting surface.
- WIRING AND FIXTURE OPERATION CAUTION: CONNECT FIXTURE TO SUPPLY WIRES RATED FOR AT LEAST 90°C (194°F).**
 - DO NOT USE FIXTURE ON DIMMING CIRCUITS.**

- Cut supply cable to desired length. Strip black and white wire leads with wire strippers to expose 3/8"-7/16" of bare metal. (See Figure 4)



- Insert lamp holders into raceway.
- Insert Line (black) wire into 1 lamp holder for single tube or 2 lamp holder for twin tube configurations. For double-ended lamps, connect small 3-inch jump wire (provided) from one side of lamp holder to the other side of the same lamp holder.
- Repeat previous step with neutral (white) wire to lamp holders at the opposite side of the fixture.
- Using wire nuts (3) provided, connect supply (house) wires to fixture wires - white to white, black to black, and green to green or bare copper ground wire.
- Bundle wires in tight grouping to be out of the way and reinstall wireway cover.