

INSTALLATION INSTRUCTIONS FOR LED WRAPAROUND FIXTURE

MODELS: CL-WR-246-25W-8XXN / CL-WR-446-48W-8XXN / CL-WR-446-48W-8XXN10



Thank you for purchasing CLEANLIFE® LED Light Fixtures.

PLEASE READ CAREFULLY BEFORE INSTALLING LIGHT FIXTURE.
Save these instructions, as you may need them at a later date.

PRE-INSTALLATION:

PLANNING INSTALLATION:

- Turn off the electrical power at the fuse or circuit breaker box before installing or servicing any part of this fixture.
- If replacing a fixture, remove existing fixture and make a sketch of wiring configuration (by color) or mark wires with masking tape for identification.
- Remove the lamp base and diffuser from the carton and check that all parts are included. Be careful not to misplace any of the screws or parts needed for installing the fixture.
- Diffuser is fragile. Carefully set aside in a safe location to avoid damage until ready to be installed.

STANDARD ACCESSORIES:

2 x SMALL PIN CROSS MACHINE SCREWS



2 x END CAPS



4 x WALL ANCHORS



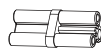
3 x WIRE NUTS



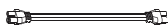
4 x LARGE POINTED PIN CROSS WOOD SCREWS



1 x FLUSH CONNECTOR



1 x LINKING CABLE



CAUTION:

BEFORE BEGINNING INSTALLATION, SHUT OFF MAIN ELECTRICAL SUPPLY FROM THE MAIN FUSE BOX/CIRCUIT BREAKER!

Remove contents from box. Ensure that no parts are missing. (Reference photos in the Standard Accessories section of the manual).

JUNCTION BOX INSTALLATION:

1. Install the two SMALL PIN CROSS MACHINE SCREWS into the junction box (Figure 1). NOTE: leave 1/4" of screw exposed to accommodate the lamp base.
2. Use a screwdriver to punch out one of the knockout holes (Figure 2) and take out the cables from the LAMP BASE.

3. Remove the heat shrink tubing wrap from the ends of the black, white, and green wires in order to expose the copper wires. Connect the AC wires to the corresponding wires in the junction box: BLACK to BLACK, WHITE to WHITE and GREEN to GREEN, and secure using the WIRE NUTS.

NOTE: For proper connection, place the WIRE NUTS over wires and twist clockwise until tight (Figure 3).

OPTIONAL: Wrap connected WIRE NUTS with electrical tape.

Do not perform this step if you are using this light as a linked light.

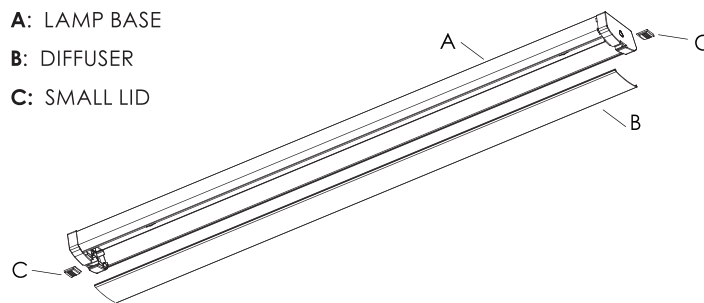
4. Attach the LAMP BASE to the junction box by aligning the holes on the LAMP BASE with the screws on the junction box.
5. Turn LAMP BASE clockwise to lock in place, and tighten screws to ensure the fixture is secure and will not move (Figure 4).
6. Install the DIFFUSER. Starting at one end of LAMP BASE, insert diffuser slot onto edge of LAMP BASE (Figure 5). Carefully squeeze DIFFUSER to engage opposite side with LAMP BASE. Continue this action down the length of the DIFFUSER until fully installed onto LAMP BASE (Figure 5).
7. Restore power at the fuse box/circuit breaker, and verify that fixture is operating correctly.

FIXTURE PARTS:

A: LAMP BASE

B: DIFFUSER

C: SMALL LID



- Remove DIFFUSER (Part B) from LAMP BASE (Part A).
- Slide SMALL LID (Part C) out from the end cap of LAMP BASE (Part A), then dig out the DIFFUSER (Part B).

Figure 1

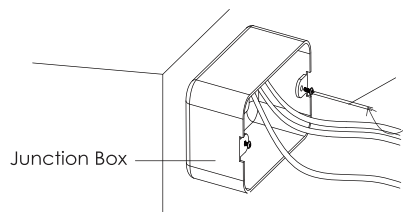


Figure 2

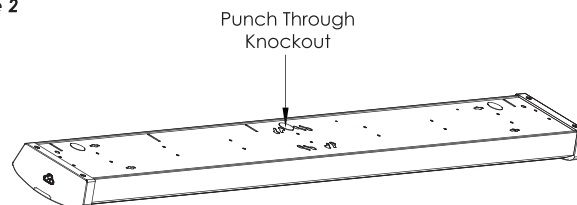


Figure 3

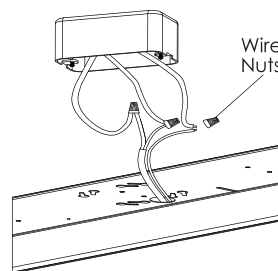


Figure 4

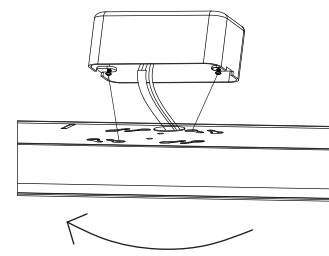
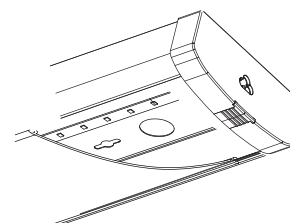


Figure 5



PLEASE SEE REVERSE FOR SURFACE MOUNTED INSTALLATION. →

SURFACE MOUNT INSTALLATION:

1. Use a screwdriver to punch out one of the knockout holes (Figure 6) and take out the cables through the knockout hole from the housing.
2. Align knockout hole with the supply wire location on the mounting surface and mark the location of the four keyhole slots at each end of the housing (Figure 7).

DRYWALL MOUNTING

If the mounting holes go through drywall without a stud, drill four small pilot holes using a 1/8" drill bit (not included), and install the WALL ANCHORS into the holes with a hammer (not included). Install the four LARGE POINTED PIN CROSS WOOD SCREWS into the mounting surface, but leave about a 3/8" gap between the screw head and mounting surface.

WALL STUD MOUNTING

If the mounting holes go through wall studs, drill four small pilot holes using a 5/32" drill bit (not included) for the LARGE POINTED PIN CROSS WOOD SCREWS. Install the four LARGE POINTED PIN CROSS WOOD SCREWS into the mounting surface, but leave about a 3/8" gap between the screw head and mounting surface. (Figure 8)

3. Remove the heat shrink tubing wrap from the ends of the black, white, and green wires in order to expose the copper wires. Connect the AC wires to the corresponding wires in the junction box: BLACK to BLACK, WHITE to WHITE and GREEN to GREEN, and secure using the WIRE NUTS.

NOTE: For proper connection, place the WIRE NUTS over wires and twist clockwise until tight (Figure 9).

OPTIONAL: Wrap connected WIRE NUTS with electrical tape.

Do not perform this step if you are using this light as a linked light.

4. Hide the cables with WIRE NUTS in the junction box. Guide the heads of the four LARGE POINTED PIN CROSS WOOD SCREWS into the keyhole slots and slide the LAMP BASE in the direction such that the LARGE POINTED PIN CROSS WOOD SCREWS rest over the narrow part of the keyhole slot. Ensure that the fixture is supported and tighten the four LARGE POINTED PIN CROSS WOOD SCREWS until the fixture is secured to the mounting surface (Figure 10).
5. Install the DIFFUSER. Starting at one end of LAMP BASE, insert diffuser slot onto edge of LAMP BASE (Figure 11). Carefully squeeze DIFFUSER to engage opposite side with LAMP BASE. Continue this action down the length of the DIFFUSER until fully installed onto LAMP BASE (Figure 11).

Figure 6

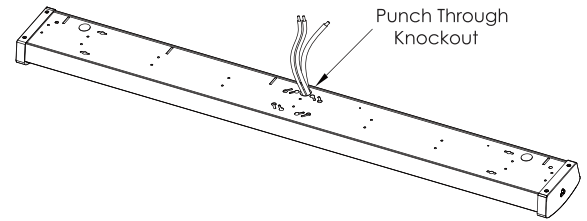


Figure 7

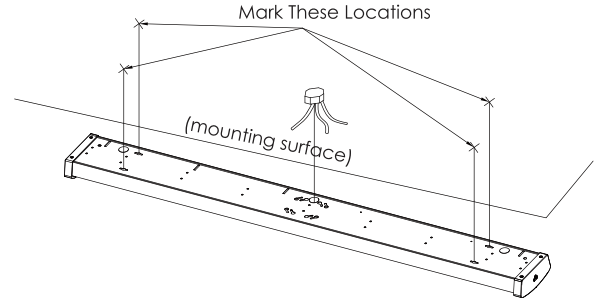


Figure 8

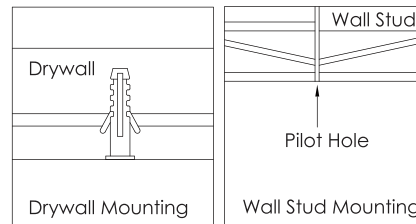


Figure 9

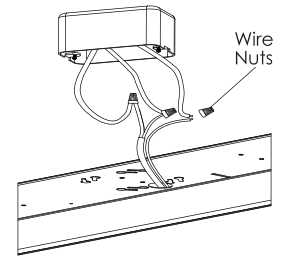


Figure 10

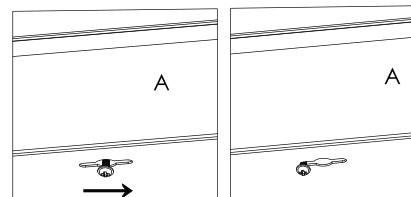


Figure 11

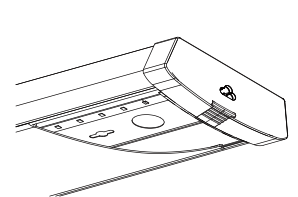
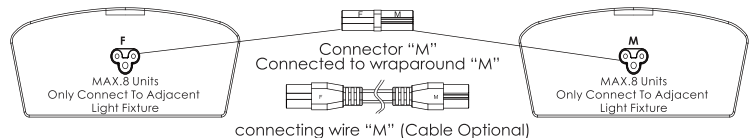


Figure 12



CONNECTION OPTIONS:

OPTIONAL:

- If linking two or more wraparounds together, power to each subsequent light can be made by using the FLUSH CONNECTOR where only the first light needs to be electrically hardwired, and all linked lights only need to be mechanically secured to the mounting surface.
- If no lights are connected, use END CAP.

FLUSH MOUNT: Use included FLUSH CONNECTOR to array lights in a back to back orientation. Match FLUSH CONNECTOR to the end of wraparound light.

LINKING CABLE: Use included LINKING CABLE in situations where lights are further apart. Plug LINKING CABLE into end of wraparound light and connect the other end to next light (Figure 12).

NOTE: LINKING CABLE will only fit one end of wraparound light. Be sure to match up "F" of connector with "F" of light, and "M" of connector with "M" of light.

OPERATION: TESTING THE LIGHT FIXTURE

Turn on the circuit breaker and light switch.

NOTE: When first turned on, wait about 1 minute for the circuitry to calibrate.

TROUBLESHOOTING:

- Check that line voltage at fixture is correct.
- Ensure that there is voltage at light fixture wires. If there is no voltage, then check all connections.
- Check that fixture is grounded properly.

If fixture does not light:

- Check switch to ensure that there are no defects.
- Check fuse/circuit breaker for trips, then check wiring connections.

CLEANING & MAINTENANCE:

- CAUTION:** Ensure fixture temperature is cool enough to touch. DO NOT clean or perform maintenance while fixture is energized.
- Clean lens and light fixture with non-abrasive cleaning solution.
 - Do not open fixture to clean LED. Do not touch the LED.
 - Do not spray liquid directly on to LED, LED driver or wiring.

5-YEAR LIMITED WARRANTY:

LIMITED WARRANTY: CLEANLIFE® LED Light Fixtures are warranted to be free and clear of defects in materials and workmanship for a period of five years from the date of purchase. This warranty covers defects in manufacturing discovered while using the product as recommended by the manufacturer and does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code, or instructions for use in installations. If a CLEANLIFE® LED Light Fixture fails due to a defect covered by this warranty, CLEANLIFE® will, at its option, either replace the product or provide a credit equal to the current price CLEANLIFE® charges for the product. To make a warranty claim, retain the failed products and notify a CLEANLIFE® sales representative in writing within thirty (30) days of the failure.



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