

INSTALLATION INSTRUCTIONS LED BACKLIT PANEL WITH INTEGRAL J-BOX



MODELS: CL-PXX-U-P-XX-XXK-80-D

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.

SAFETY INFORMATION:

IMPORTANT: THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE NATIONAL ELECTRICAL CODE AND LOCAL BUILDING CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: Before installation or servicing, turn the power OFF at the circuit breaker or fuse. Place tape over the circuit breaker switch and verify power is OFF at the light fixture.

WARNING: Ground the fixture to avoid potential electric shock.

WARNING: Wear gloves when handling the fixture as edges are sharp.

CAUTION: Connect the fixture to a 120/277 Volt, 60 Hz power source. Any other connection voids the warranty.

NOTICE: FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authorization to operate this equipment.

IMPORTANT: The device is tested and found to comply with Part 15 of the FCC Rules. Operation is subject to two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including any interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

The equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

PRE-INSTALLATION:

Required Tools

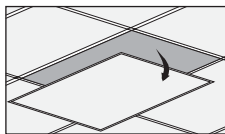
- Safety Goggles
- Ladder
- Drill
- Phillips Screwdriver
- Flathead Screwdriver
- Wire Cutters
- Wire Strippers
- Hammer

Included Hardware

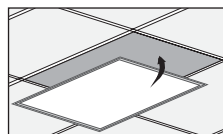
5 x Wire Nuts

RECESS MOUNT INSTALLATION:

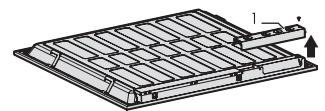
1. Remove the panel from the ceiling.



2. Lift the fixture to the ceiling.

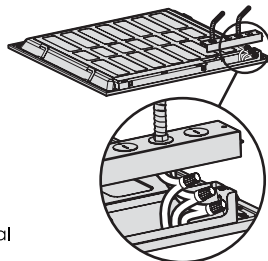


3. Open the junction box by unscrewing and removing the JUNCTION BOX COVER (1) from the fixture.



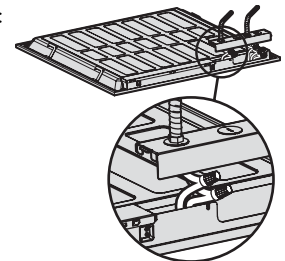
4. Make the following wiring connections:

- Connect the green ground wire from the fixture to the supply ground wire.
- Connect the white wire from the fixture to the supply white wire (neutral wire).
- Connect the black wire from the fixture to the supply black wire (live wire).
- Secure the three connections using the 3x WIRE NUTS.
- Wrap the wire connections with electrical tape for a more secure connection.

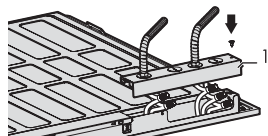


5. Make the following dimming wire connections:

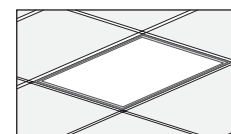
- Connect the purple wire from the fixture to the purple (DIM+) supply wire.
- Connect the grey wire from the fixture to the grey (DIM-) supply wire.
- Secure the two connections using the 2x WIRE NUTS.
- Wrap the wire connections with electrical tape for a more secure connection.



6. Position the wires back inside the junction box and reinstall the JUNCTION BOX COVER (1).



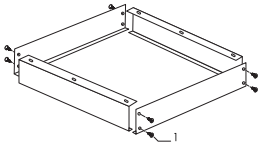
7. Slide the fixture into place. Restore power to the circuit breaker and check operation of fixture.



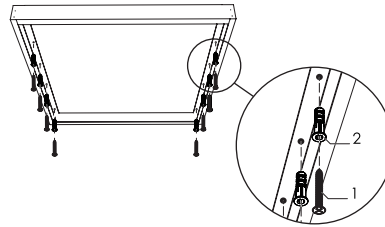
INSTALLATION CONTINUED ON REVERSE. →

SURFACE MOUNT INSTALLATION:

1. Assemble the surface mount frame. Attach the 4x pieces of the surface mount frame together using the SCREWS (1).

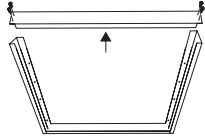


2. Install the surface mount frame. Use the pre-drilled holes in the surface mount frame as a template to mark the location of the installation holes on the ceiling.

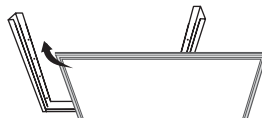


3. Pre-drill holes at each of the marked locations. Insert an ANCHOR SCREW (2) into each hole. Use the SCREWS (1) to attach the surface mount frame to the ceiling.

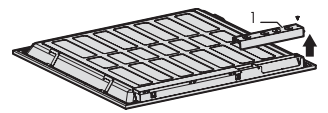
4. Remove one end of the surface mount frame and set the screws and frame aside.



5. Raise the fixture up to the ceiling.

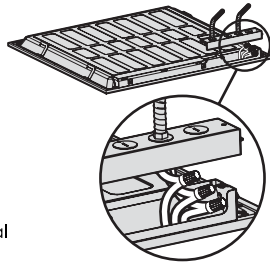


6. Open the junction box by unscrewing and removing the JUNCTION BOX COVER (1) from the fixture.



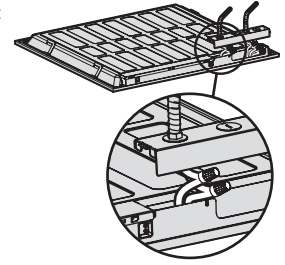
7. Make the following wiring connections:

- Connect the green ground wire from the fixture to the supply ground wire.
- Connect the white wire from the fixture to the supply white wire (neutral wire).
- Connect the black wire from the fixture to the supply black wire (live wire).
- Secure the three connections using the 3x WIRE NUTS.
- Wrap the wire connections with electrical tape for a more secure connection.

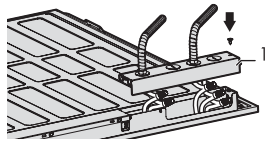


8. Make the following dimming wire connections:

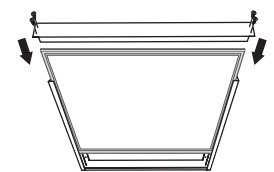
- Connect the purple wire from the fixture to the purple (DIM+) supply wire.
- Connect the grey wire from the fixture to the grey (DIM-) supply wire.
- Secure the two connections using the 2x WIRE NUTS.
- Wrap the wire connections with electrical tape for a more secure connection.



9. Position the wires back inside the junction box and reinstall the JUNCTION BOX COVER (1).



10. Slide the fixture into the surface mounting frame and reinstall the removed end of the mounting frame. Restore power to the circuit breaker and check operation of fixture.



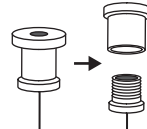
PENDANT / SUSPENSION MOUNT INSTALLATION:

1. Pre-drill holes in the ceiling.

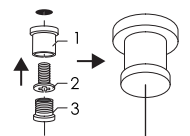
- For pendant mounting:**
Drill 2 mounting holes based on the width of the fixture.
- For suspension mounting:**
Drill 4 holes according to the 4 corners of the fixture.



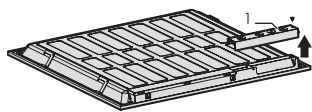
2. Prepare the mounting ropes by unscrewing the upper and lower covers.



3. Install the mounting ropes: Attach the UPPER COVERS (1) to the pre-installed holes in the ceiling using the SCREWS (2). Then screw the LOWER COVERS (3) into the bottoms of the installed UPPER COVERS (1).

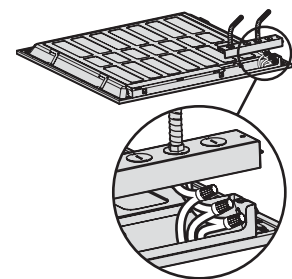


4. Open the junction box by unscrewing and removing the JUNCTION BOX COVER (1) from the fixture.



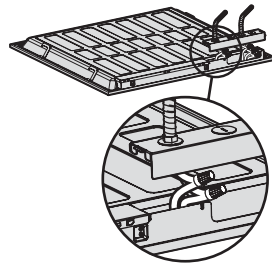
5. Raise the fixture up to the ceiling and make the following wiring connections:

- Connect the green ground wire from the fixture to the supply ground wire.
- Connect the white wire from the fixture to the supply white wire (neutral wire).
- Connect the black wire from the fixture to the supply black wire (live wire).
- Secure the three connections using the 3x WIRE NUTS.
- Wrap the wire connections with electrical tape for a more secure connection.

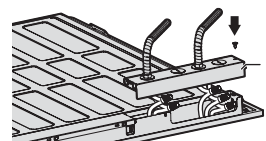


6. Make the following dimming wire connections:

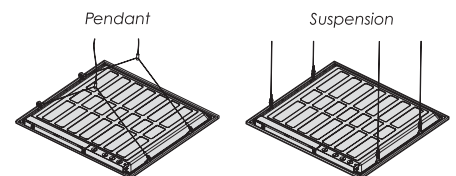
- Connect the purple wire from the fixture to the purple (DIM+) supply wire.
- Connect the grey wire from the fixture to the grey (DIM-) supply wire.
- Secure the two connections using the 2x WIRE NUTS.
- Wrap the wire connections with electrical tape for a more secure connection.



7. Position the wires back inside the junction box and reinstall the JUNCTION BOX COVER (1).



8. Hang the panel by hooking the ends of the ropes into the fixture as shown. Restore power to the circuit breaker and check operation of fixture.



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Technical Support Information

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Hours: 8:30am - 5:00pm Est (Monday - Friday)