

INSTALLATION GUIDE LED UNDER CABINET LIGHT - ADJUSTABLE ANGLE



IMPORTANT: Please read carefully and save these instructions, as you may need them at a later date. When using electrical equipment, basic safety precautions should always be followed.

READ AND FOLLOW BELOW SAFETY INSTRUCTIONS

GENERAL: All electrical connections must be in accordance with local and National Electrical Code (N.E.C) standards. LED Retrofit Kit installation requires knowledge of luminaire electrical systems. If you are unfamiliar with proper electrical wiring connections obtain the services of a qualified electrician.

CAUTION

- Turn power off before installation.
- Use only on 120 volt circuits.
- Risk of electric shock- do not use where directly exposed to water.
- Not suitable for totally enclosed fixtures. Not intended for use with emergency exit lamps or fixtures.
- May not be compatible with all dimmer switches.
- Do not use this fixture close to any source of heat.
- Place the device out of reach of children under 3 years old.

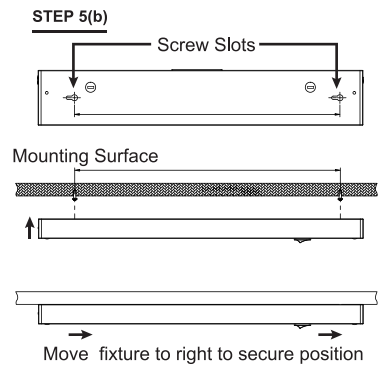
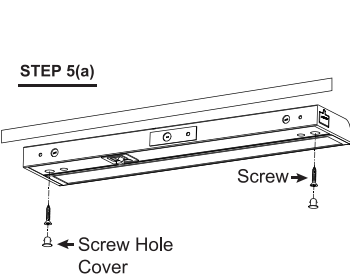
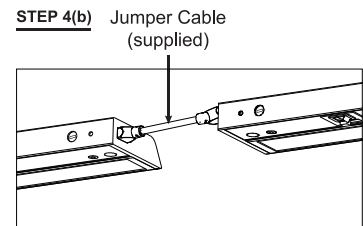
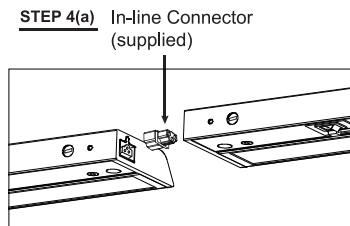
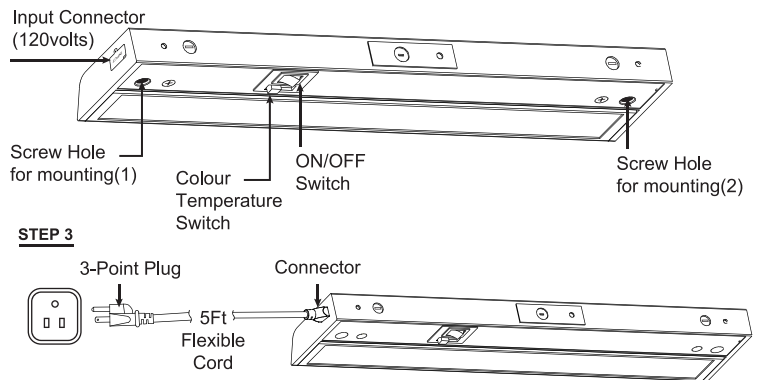
UNPACKING

1. Thoroughly inspect the fixture for freight damage. Freight damage should be reported to the delivery carrier.

2 INSTALLATION TYPES

I. PLUG & PLAY METHOD

1. Make sure power is turned off at the source before installing the fixture.
2. Determine location to install fixture(s). **WARNING:** To prevent wiring damage or abrasion, do not expose wiring to edges of sharp objects.
3. Connect 5ft flexible cord by inserting the connector end into the fixture end marked "Input" and plug into (120V) power supply.
4. To link two or more fixtures together: (Opt a) Use in-line connector supplied with each fixture to connect the "output" end on one fixture to the "input" end on the other fixture. (Opt b) Or use Jumper Cable supplied with each fixture to connect fixtures to each other end to end.
5. To secure the fixture to mounting surface: (Opt a) Use the screw hole locations to mark their position on the desired surface. Drill suitable holes and secure the housing using flat head wood screws (supplied). Be careful not to drive screws all the way through the cabinet bottom. Use shorter screws if necessary (not included). Once the fixture is secured to the surface insert screw hole covers. (Opt b) Or use bottom holes to install the light. Confirm the position where you want to install the light and measure the distance between the holes. Install the screws (3/4 length) onto the mounting surface. Position and align the screw holes on the fixture with the installed screws and then move the fixture to right to secure the luminaire.



⚠ WARNING

RISK OF FIRE OR ELECTRIC SHOCK.
SUITABLE FOR INDOOR DRY LOCATION ONLY.
DISCONNECT MAIN POWER AT FUSE OR CIRCUIT BREAKER BEFORE INSTALLING OR SERVICING THE FIXTURE. NO USER SERVICEABLE PARTS INSIDE.
TO PREVENT OVERHEATING DO NOT INSTALL IN SMALL ENCLOSED SPACES.

2. HARD WIRE METHOD

1. Make sure power is turned off at the source before installing the fixture.

2. Determine location to install fixture(s). **WARNING:** To prevent wiring damage or abrasion, do not expose wiring to edges of sharp objects.

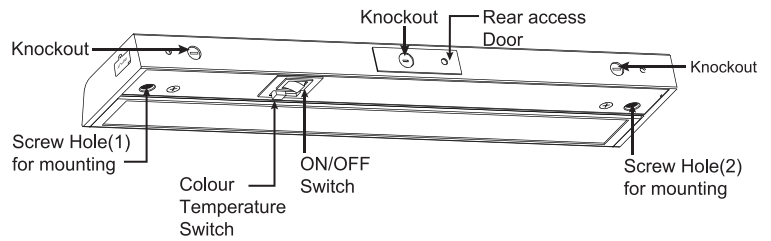
3. Access wiring compartment: (Opt a) Use rear access door knockout. Take out the knockout by using a flat head screw driver (not supplied). Loosen rear access door screw and remove door. (Opt b) Remove wiring compartment cover (except for 8" UCL).

4. To make the connection: (Opt a) Feed wires through 1/2" Conduit connector (supplied) and pass through the rear access door knockout. Connect the live, neutral and ground wires by pushing them into the easy connector install in the fixture. Secure rear access door to fixture.

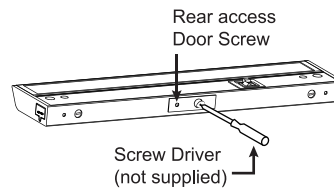
(Opt b) Or feed the wire through one of the alternate knockouts located along back and side of housing. Push the live, neutral and ground wires into the easy connector. Arrange the wires and secure the wiring compartment cover (except for 8" UCL).

5. To secure the fixture to mounting surface: (Opt a) Use the screw hole locations to mark their position on the desired surface. Drill suitable holes and secure the housing using flat head wood screws (supplied). Be careful not to drive screws all the way through the cabinet bottom. Use shorter screws if necessary (not included). Once the fixture is secured to the surface insert screw hole covers.

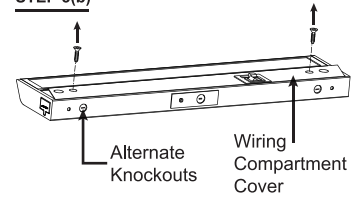
(Opt b) Or use bottom holes to install the light. Confirm the position where you want to install the light and measure the distance between the holes. Install the screws (3/4 length) onto the mounting surface. Position and align the screw holes on the fixture with the installed screws and then move the fixture to right to secure the luminaire.



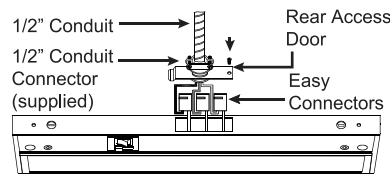
STEP 3(a)



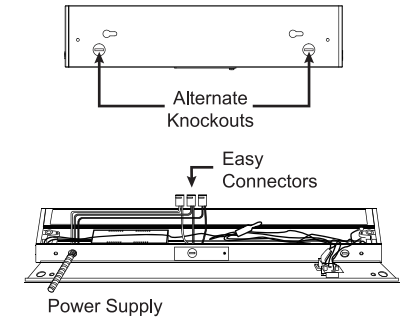
STEP 3(b)



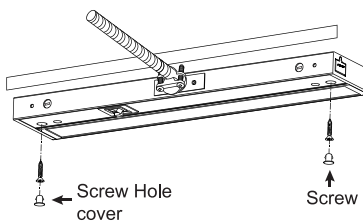
STEP 4(a)



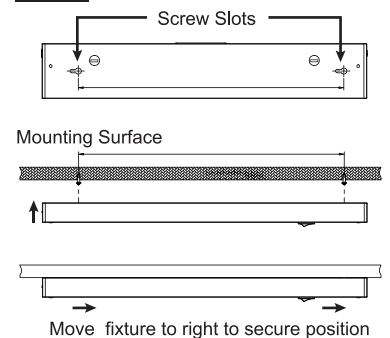
STEP 4(b)



STEP 5(a)



STEP 5(b)



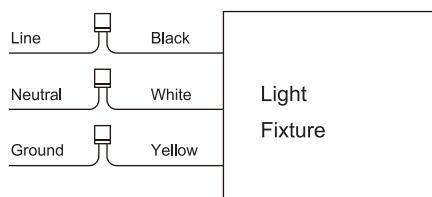
ON/OFF WIRING

Make sure the supply voltage is the same as the luminaire voltage. See fixture spec label. Dimming compatible with most incandescent dimmers.

1. Connect the black fixture lead to the LINE supply lead.

2. Connect the white fixture lead to the COMMON supply lead.

3. Connect the yellow wire from fixture to supply GROUND.



CLEANING & MAINTENANCE

Caution: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while Fixture is energized.

1. Clean polycarbonate lens with non-abrasive glass cleaning.
2. Do not open fixture to clean the LED. Do not touch the LED.

TROUBLESHOOTING

1. Check that the line voltage at fixture is correct. Refer to wiring directions.
2. Check if the fixture is grounded properly.

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**COMPATIBLE DIMMER LIST
120V LED UNDER CABINET LIGHT**

Sl.No.	Brand	Dimmer Model
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	LUTRON	MACL-153MR-WH MACL-153P TGCL-153P SCL-153PR-WH SCL-153-LA DVCL-153P CTCL-153P LGCL-153P N-600 S-603PG-WH CTELV-303P-WH
12. 13. 14. 15. 16. 17. 18. 19. 20. 21.	LEVITON	6161-A IPL06-10Z IPI0-1LZ IPI06-1LZ 6674 6672-1LW 6633-POG 6681 6151 6633-I
22. 23. 24. 25.	GE	10464 18027 45602 55431