



11184 INSTALLATION INSTRUCTIONS FOR COLOR TEMPERATURE SWITCH RECTANGULAR SEMI-FLUSH MOUNT LED CEILING LIGHT

Safety Precautions:

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal. Do not handle any energized fixture or attempt to energize any fixture with wet hands or while standing on a wet or damp surface or in water.
- This fixture is designed for use in a 120-277VAC / 60Hz circuit. This fixture is compatible with a TRIAC (forward-phase or leading-edge) / ELV (reverse-phase or trailing-edge) and 0-10V dimmer.
- Make sure that the power source conforms to the requirements of the fixture. (See labels on the fixture housing).
- To reduce the risk of electrical shock, and to assure proper operation, this fixture must be adequately grounded. To accomplish proper grounding, there must be a separate ground wire (green) contact between this fixture and the ground connection of your main power supply panel.

Disclaimer:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules and Canadian ICES-005 (B) / NMB-005 (B). These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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 receiver 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 with the dealer or an experienced radio/TV technician for help.

Any modifications to this fixture may void the warranty and interfere with the safe operation of the luminaire.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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Step 1 – Preparing for installation

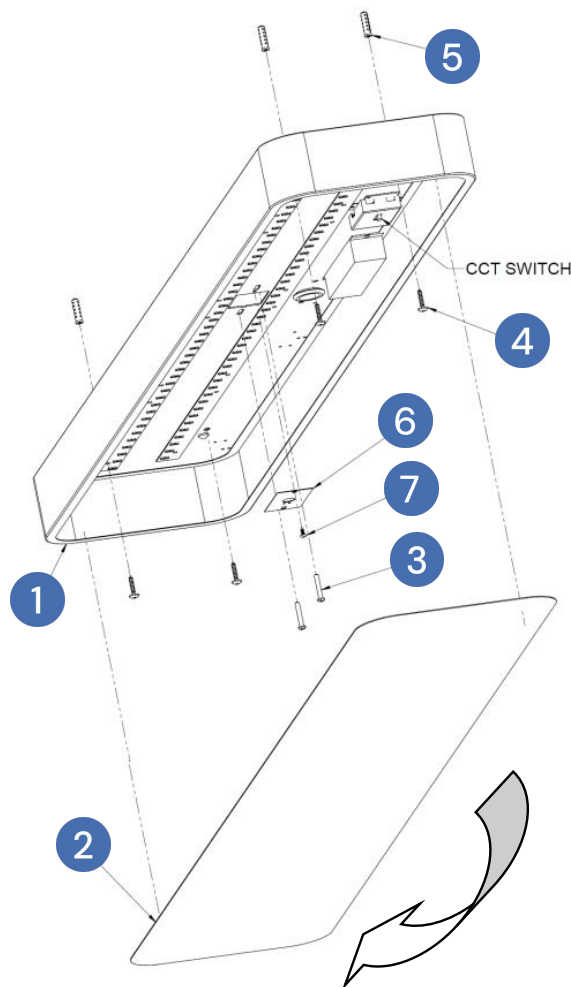
Disconnect electrical power at fuse or circuit breaker box before installing or servicing any part of this fixture and carefully remove the fixture from the carton, remove components from hardware kit.

A

Remove diffuser (2) from fixture (1) by gently pushing one side up inside top corner and pulling the other side out from the fixture then set it aside until ready to be reinstalled.

Choose only one of two wiring ports for mounting directly to Jbox (not provided). Remove the wire cover plate (6) by removing the machine screw (7) if using center of fixture as mounting option. Otherwise, use the other port for power source entry point.

B



Align wiring port of fixture (1) to junction box (not included) then using 2 screws (3) to secure it temporary to the ceiling. Proceed to mark each location through the four holes on corner of the fixture for additional support. Take fixture down by removing the two screws (3). Drill small pilot hole at center of each marked locations. If there is a wood joist, use a suitable wood screw (4) to mount the fixture. Where there is no wood joist to screw into, drill a larger 1/4" hole for plastic anchor (5) or use a 1/4" toggle bolt (not included) of suitable length to mount channel securely to the ceiling.

C

Proceed to pull supply power source wires from the junction box through wiring port of the fixture (1) while fixture is loose. Then install fixture to the ceiling using hardware as described in accordance with Step D to secure it.

D

Wiring – All wiring must take place inside junction box (not included)

Caution: Make sure power is off at fuse or circuit breaker box. Check power wires for damage or scrapes. If power supply wires are within three inches of the LED driver, use wire suitable for at least 90°C (194°F).

Note: Most dwellings built before 1985 have supply wire rated to 60°C. Consult a qualified electrician to ensure correct branch circuit conductor before installing.

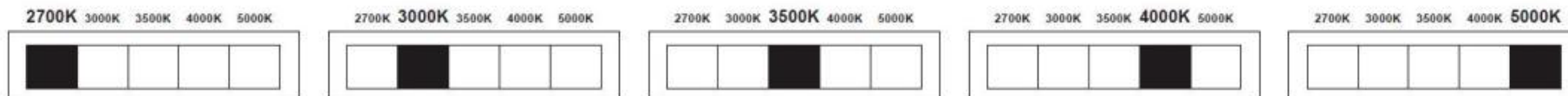
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Step 2 – Wiring fixture

- Make all wire connections to appropriate wire. Secure with wire nuts (provided).
- Connect the green wire from the fixture to the supply power source ground wire.
- For none dimming fixture. Connect the white wire from the fixture to the white (N) wire from supply power source.
- Connect the black fixture wire to the black (L) wire from supply power source. Pink and purple wires are not to be used and must be individually capped to prevent shorting.
- For TRIAC dimming fixture. Connect the white wire from the fixture to corresponding neutral (N) wire in accordance with the dimmer manufacturer instructions. Connect the black wire from the fixture to the corresponding control line (L) wire in accordance with the dimmer manufacturer instructions. Pink and purple wires are not to be used and must be individually capped to prevent shorting.
- For 0-10V dimming fixture. Connect the pink wire from the fixture to the dimmer source gray or pink wire. Connect the purple wire from the fixture to the dimmer source purple wire. Connect the white wire from the fixture to the neutral (N) wire from dimming source per dimmer wiring instructions. Connect the black wire from the fixture to the control line (L) wire from dimmer supply power source per dimmer wiring instructions.
- Do not mix wires. Pull on each wire lead to make sure connections are secure. Make certain no bare wires are exposed outside of wire connectors. Tuck all connections neatly into the junction box.

Step 3 – Color changing temperature adjustment, CCT (if desired)

Adjust CCT switch on the board according to the desired color temperature as shown below. Note: Fixture is preset to 3000K from factory.



Step 4 – Diffuser

Install diffuser (2) by gently pushing one side up inside top corner of the fixture in slant position then slowly lift the other side up until it is completely inside the fixture then release diffuser as it is securely supported on the flanges.

Step 5— Restore power at fuse or circuit breaker box.

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TOOL(S) NEEDED:

Option 1) Cordless drill and an elbow or L-shape adapter with Philips Insert Bit extension.



Option 2) Flexible Screwdriver with Philips Insert Bit.

