

LOC-8RDUT-22WMCCT(27/30/35/40/50)D Installation Guide

SAFETY INSTRUCTIONS: Read instructions carefully before attempting to install fixture.

- Fixture must be wired in accordance with the National Electrical Code and all applicable local codes.
- Proper grounding is required for safety.
- This product must be installed in accordance with the applicable installations code by a person familiar with the construction and operation of the product and the hazards involved.

CAUTION: Risk of fire

- **Risk of electrical shock!** Disconnect power before installing or servicing.
- To prevent early lamp failure, lamp should only be installed in operating environments ranging between -20°C and +40°C (-4 °F and +104°F).
- No user serviceable parts inside. To avoid electrical shock, do **NOT** disassemble the product.
- **WARNING:** Risk of fire or electric shock, installation requires knowledge of luminaires electrical systems. If not qualified, do **NOT** attempt installation. Contact a qualified electrician.
- Do **NOT** make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- **WARNING:** To prevent wiring damage or abrasion, do **NOT** expose wiring to edges of sheet metal or other sharp objects.
- Installers should **NOT** disconnect existing wires from lamp holder terminals to make new components at lamp holder terminals. Instead, installers should cut existing lamp holder leads away from the lamp holder and make new electrical connections to the lamp holder lead wires by employing applicable connectors.
- **WARNING:** Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.
- The fixture is accepted as a component of a luminaire where the suitability of the combination shall be determined by CSA or authorities having jurisdiction.
- The recessed luminaire is intended for mounting only in a covered ceiling (where only the LED side of the luminaire will be exposed to damp or dry locations).

CLEANING & MAINTENANCE:

CAUTION: Be sure the fixture temperature is cool enough to touch. Do **NOT** clean or maintain while the fixture is energized.

1. Clean frosted polystyrene lens and fixture with non-abrasive cleaning solution.
2. Do **NOT** open fixture to clean the LEDs. Do **NOT** touch the LEDs.

Note: These instructions do not cover all details or variation in equipment, nor do they provide for every possible situation during installation, operation or maintenance.

INSTALLATION:

1. Turn the power OFF.
2. If needed, cut a round hole based on the size you are installing. (Fig. 1)
3. Open the junction box cover and carefully remove the appropriate knock out(s) with a screwdriver or punch. (Fig. 2)
4. Make the wiring connections inside the junction box per the electrical connections section. (Fig. 3)
5. Select the desired color temperature using the dip switch on the side of the junction box. (Fig. 4)
6. Squeeze the 2 torsion clips so that they are in an upright position and insert the fixture into the ceiling hold. Once the fixture is inside the ceiling, release the housing clips and continue pushing the fixture into the ceiling hole until securely fixed and flush with the ceiling. (Fig. 5)
7. Turn on the circuit breaker and test the light.

Fig. 1

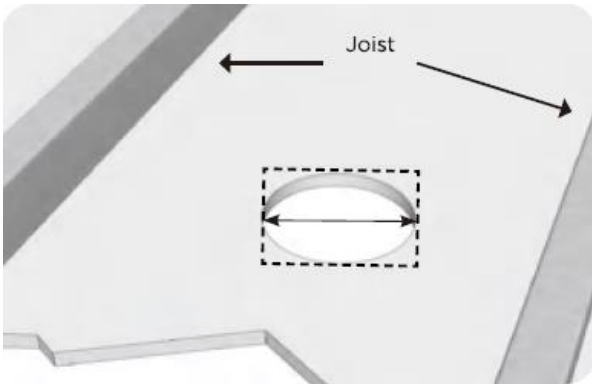
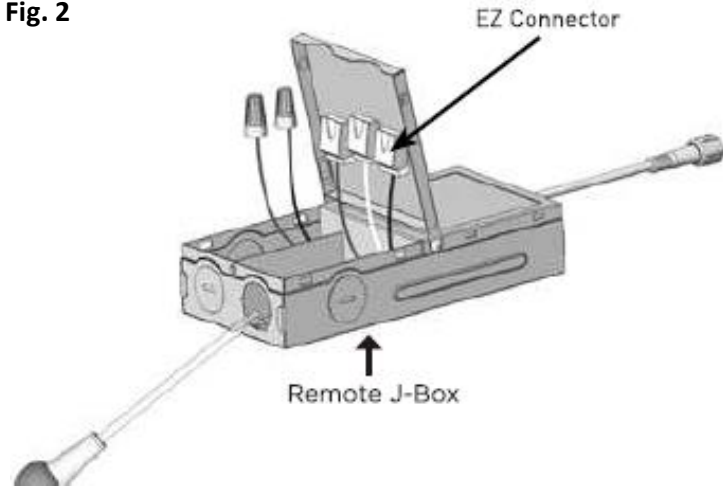


Fig. 2



ELECTRICAL CONNECTIONS:

1. For 120/277V, connect the BLACK fixture lead to the voltage supply.
2. For 120/277V, connect the WHITE fixture lead to the neutral supply.
3. Connect the GREEN or YELLOW fixture lead to the supply ground lead.
4. If 0-10V dimming is used, connect the VIOLET fixture lead to the supply positive dimming lead. If dimming is not being used, cap the violet lead.
5. If 0-10V dimming is used, connect the GREY or PINK fixture lead to the supply negative dimming lead. If dimming is not being used, cap the grey or pink lead.
6. Tuck all wires carefully into the junction box to ensure that no wires are pinched.
7. Connect the junction box to the fixture.

Fig. 3

		LUMINAIRE	
LINE OR HOT 1	●	LINE-BLACK	
GREEN	●	**GROUND-GREEN OR GREEN/YELLOW	
NEUTRAL OR HOT 2	●	NEUTRAL-WHITE	
DIM (+)	●	DIM (+) VIOLET	(DIMMING OPTIONAL)
DIM (-)	●	DIM (-) GREY OR PINK	

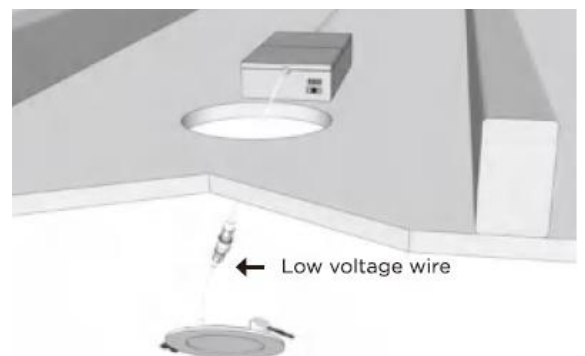
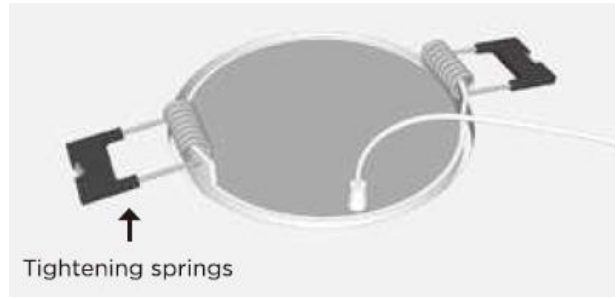


Fig. 4



Fig. 5



COLOR TEMPERATURE SELECTION:

Select the color temperature by adjusting the switch to the desired color temperature on the side of the junction box.

CCT Options: 2,700K / 3,000K / 3,500K / 4,000K / 5,000K



COMPATIBLE DIMMER LIST:

LOC-8RDUT-22WMCCT(27/30/35/40/50)D DIMMER LIST		
Triac Dimmer List		
No.	Brand	Model No.
1	Lutron	TGCL-153P
2	Lutron	CTCL-153P
3	Lutron	DVCL-153P2.1
4	Leviton	IPL06-10
5	Leviton	6674-P0
6	Leviton	6672-1L
7	Leviton	MACL-153M
0-10V Dimmer List		
No.	Brand	Model No.
1	Lutron	DVSTV
2	Lutron	DVTV
3	Leviton	IP710