

USER MANUAL

PLEASE READ IT CAREFULLY BEFORE INSTALLING FIXTURE

Save these instructions, as you may need them later.

RECESSED LED SLIM DOWNLIGHT

RISK OF ELECTRIC SHOCK

- All electrical connections must be in accordance with local and National Electric code (N.E.C.) standards.
- If you are unfamiliar with proper electrical wiring connections, obtains the service of a qualified electrician.

RISK OF FIRE

- Keep combustibles and other materials that may burn away from lights.
- The maximum ambient temperature is 104°F. Do not operate fixture at temperature higher than it.

CAUTION Turn off the main power at the circuit breaker before installing the fixture in order to prevent possible shock.



PRE-INSTALLATION

TOOLS REQUIRED



Power drill with a hole saw



Ladder



Safety Goggles



Insulation Gloves



Wire Cutter and Stripper



Dimmer from the compatible list (if needed)

PLANNING THE INSTALLATION

- Locate the suitable location for the fixture, and cut the correctly sized hole in the drywall or ceiling tile (for a suspended T-bar ceiling).
- Run electrical wire from the switch (power supply) through the mounting hole; use NM cable or Flexible Metal Conduit Cable.

ADJUST THE LIGHT COLOR TEMPERATURE

This LED fixture provides full brightness with a selection of various color temperatures.

For 5CCT version: 2700K warm white, 3000K soft white, 3500K neutral white, 4000K bright white, or 5000K daylight.

2700K



3000K



3500K



4000K



5000K



NOTICE: Move the DIP switch on the side of the junction box to make your selection BEFORE inserting the junction box into the ceiling.

INSTALLATION INSTRUCTIONS

Fig 1:

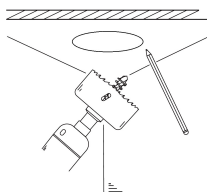


Fig 2:

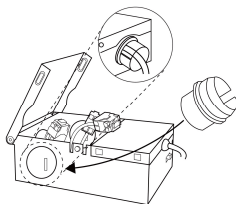


Fig 3:

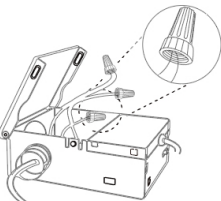


Fig 4:

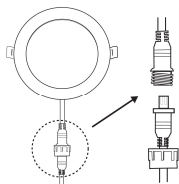


Fig 5:

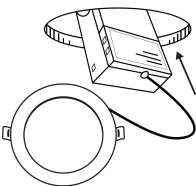


Fig 6:

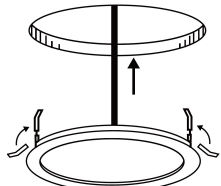


Fig 1:

- ① Turn off the main power at the circuit breaker before installation.
- ② Mark out the locations of each light. Cut out the openings.

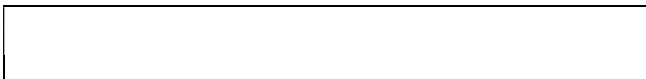


Fig 2:

- ③ Remove the right knockout and insert a 1/2 in connector into it. Run electrical wire from the power source wire through the hole.

Fig 3:

- ④ Connect the wire and the junction box (green wire to Ground wire, black wire to Line wire, white wire to Neutral wire), push the wire through the quick-wire connectors.

Fig 4:

- ⑤ Tuck the connected wire and close the cover.
- ⑥ Connect the junction box and the light with the provided DC male / female connector. Do the connection with the arrow signs on the ends of cable aligned. Screw the cap to protect the connector.

Fig 5:

- ⑦ Insert the J-box through the cut hole in the ceiling.

Fig 6:

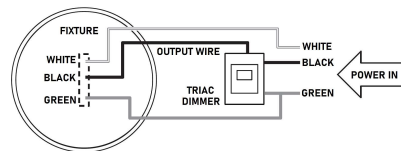
- ⑧ Snap the spring clip and mount the light in the opening.
- ⑨ Turn on the circuit and test the fixture.

TRIAC DIMMERS AND CONNECTIONS

LUTRON: DVRP-253P, MA-PRO, PD-5NE, RRD-PRO, GT-5NEM, CTRP-253P, NTRP-250, RRD-6NA, SCL-153P, CTCL-153P, DVCL-153P, MACL-153, MACL-153M-LA, AYCL-153P-WH

LEVITON: 06674-722, 06674-752, 06674-726

NOTICE: Dimming performance depends on dimmer, dimmer settings (for dimmers with brightness range adjustments), wiring methods, and the number of led fixtures (Total Power of Lights <80% of the Rated Power of the Dimmer).



TROUBLE SHOOTING

To save your valuable time, please read this introduction first to quick identify the cause, if encounter any problems.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Unlit	the wire loosens/off/breaks	Double check the connection of the wire.
Dim	mix the junction boxes	Check the marked wattage on J-box, ex.
Cannot Dim or Flash	incompatible dimmer	Select a dimmer from the recommended dimmer list.
Flickering	the wire loosens/off/breaks	Double check the connection of the wire.
	mix the junction boxes	Check the marked wattage on J-box, ex.
	incompatible dimmer	Select a dimmer from the recommended dimmer list.
	compatible dimmer, but too many lights connect to one dimmer	Reduce the number of lights connected to the one dimmer. (Total Power of the Lights ≤80% of Dimmer's Rated Power)
	high-power electrical appliances on the same circuit	Remove and set them further away from each other.