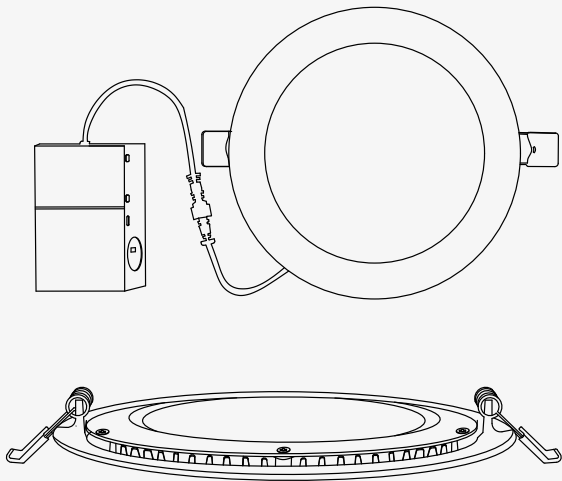


INSTALLATION GUIDE

External Driver Downlight



RISK OF ELECTRIC SHOCK

- All electrical connections must be in accordance with local and National Electric Code (N.E.C.) standards.
- If one is unfamiliar with proper electrical wiring connections, obtain services from a qualified electrician.

RISK OF FIRE

- Keep combustibles and other flammable materials away from lights.
- The maximum ambient temperature is 45°C. Do not operate in conditions exceeding this temperature.

CAUTION: Turn off the circuit breaker before installation to prevent electric shock.

SPECIFICATIONS

Size	3"	4"	6"	8"
Model	HL-DLE-MCCT-6W-3 Inch	HL-DLE-MCCT-9W-4 Inch	HL-DLE-MCCT-12W-6 Inch	HL-DLE-MCCT-18W-8 Inch
Input	120V AC 60Hz	120V AC 60Hz	120V AC 60Hz	120V AC 60Hz
Wattage	6W	9W	12W	18W
Lumen	492lm	740lm	985lm	1,480lm
Efficiency	82 lm/W	82 lm/W	82 lm/W	82 lm/W

*(Declared Lumens at 4000K at Highest Wattage)

*Pictures and diagrams in this IM are for illustrative purpose only.

RETROFIT DOWNLIGHT

PRE-INSTALLATION

TOOLS REQUIRED



Power drill with
a hole saw



Ladder



Safety Goggles



Insulation
Gloves



Wire Cutter
and Stripper



Dimmer in
compatible list

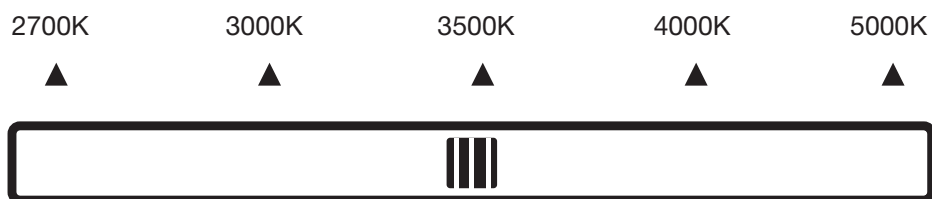
PLANNING THE INSTALLATION

- Mark the location using the template for each light, cut out the hole in the drywall or ceiling tile (for a suspended T-bar ceiling).
- Run wires from the dimmer to the location for each light.

SELECT THE LIGHT COLOR TEMPERATURE

These LED lights provide a wide dimming range with an optional color temperature.

For 5 CCT selectable: 2700K / 3000K / 3500K / 4000K / 5000K available.

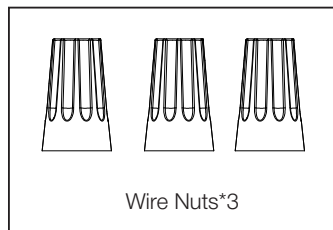


NOTICE: Select the preferred color and power BEFORE put the junction box onto the ceiling.

*Pictures and diagrams in this IM are for illustrative purpose only.

INSTALLATION FOR RETROFIT DOWNLIGHT

Accessories



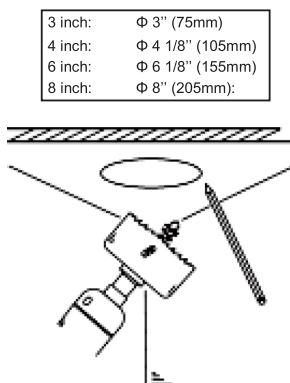
- Connect the wires to the connectors (green wire to Ground wire, black wire to line wire, white wire to Neutral wire), by using wire nuts to ensure the wiring is secure. (Fig. 3)

Fig: 3

3 Inch / 4 Inch / 6 Inch / 8 Inch

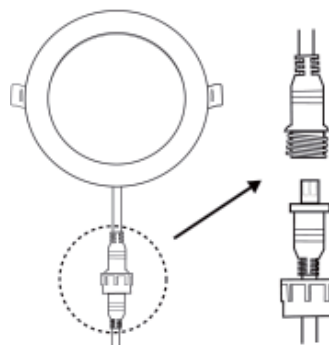
- Turn off the circuit breaker before installation.
- Mark the locations for each light and cut out the openings. REFER HOLE CUT SIZE BELOW. (Fig. 1)

Fig: 1



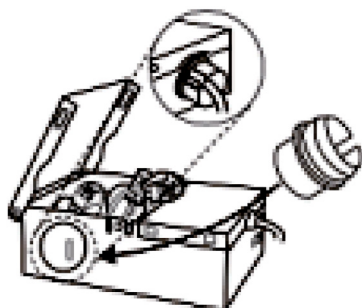
- Connect the junction box to the light using the provided DC male and female connectors. Align the arrow markings on both ends of the cable before joining them. Once connected, screw the cap to secure and protect the connector. (Fig. 4)

Fig: 4



- Remove the knockout and put on a grommet to protect the wires. Run the wires through the grommet. (Fig. 2)

Fig: 2



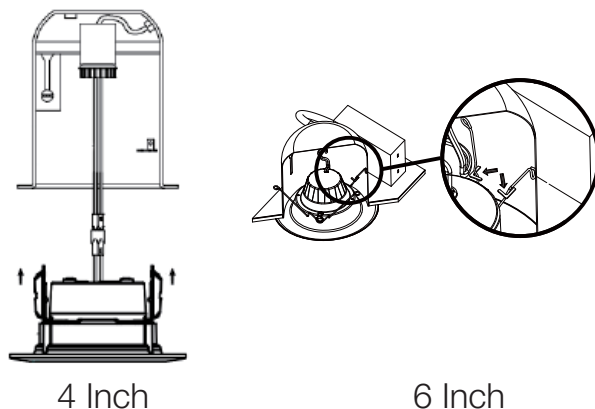
*Pictures and diagrams in this IM are for illustrative purpose only.

RETROFIT DOWNLIGHT

4 Inch / 6 Inch

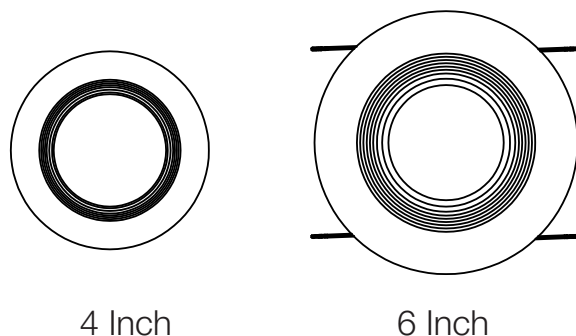
5. Squeeze torsion springs as shown and install into the metal brackets inside the recessed housing. For proper installation, the torsion springs should be seated within the brackets on both sides of the housing. (Fig. 5)

Fig:5

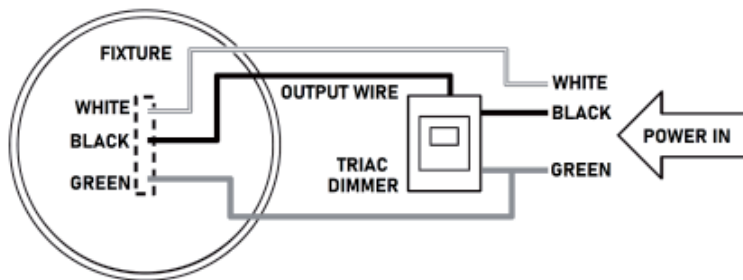


6. Carefully place wires into the fixture and push the LED trim into the housing until flush with the ceiling. (Fig. 6)

Fig:6



TRIAC DIMMERS AND CONNECTIONS



LUTRON: DVCL-153PR, MACL-153MLH-WH, P-PKG1W-WH-R, STCL-153PH-WH, DVCL-153P, MACL-153M, PD-6WCL, MSCL-0P153M, DV-600P

LEVITON: R11-DSL06-1TW, ROO-RNLO6-0TW, RO2-DW6HD-2RW, R68-06674-P0T, 605-6633-PA

LEGRAND: RHCL453NICCV4, RHCL453P, HCL453PMM

WARRANTY

5-YEAR LIMITED WARRANTY: This product is guaranteed to be free from defects in material and workmanship for a period of 5 years from the date of original purchase. Instances of normal wear and tear, damage caused by abuse, misuse, alteration, or failure to follow instructions or proper maintenance protocols are not covered.