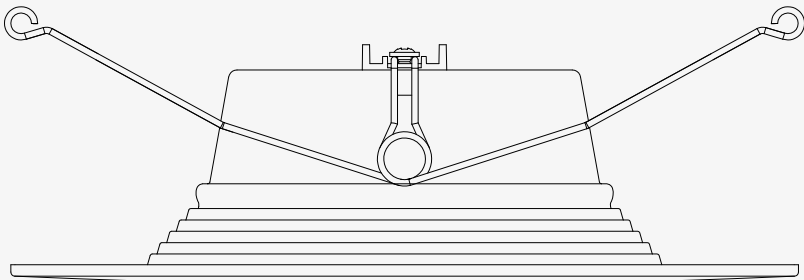


# INSTALLATION GUIDE

## Retrofit Downlight Gen 2



### 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       | 4"                       | 5/6"                      |
| Model      | HL-DLR-MW-MCCT-9W-4 Inch | HL-DLR-MW-MCCT-15W-6 Inch |
| Input      | 120V AC 60Hz             | 120V AC 60Hz              |
| Wattage    | 9W                       | 15W                       |
| Lumen      | 738lm                    | 1230lm                    |
| Efficiency | 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 GEN 2

### PRE-INSTALLATION

### TOOLS REQUIRED

|                                                                                   |                             |                                                                                   |                          |                                                                                     |                           |
|-----------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|---------------------------|
|  | Power drill with a hole saw |  | Ladder                   |  | Safety Goggles            |
|  | Insulation Gloves           |  | Wire Cutter and Stripper |  | Dimmer in compatible list |

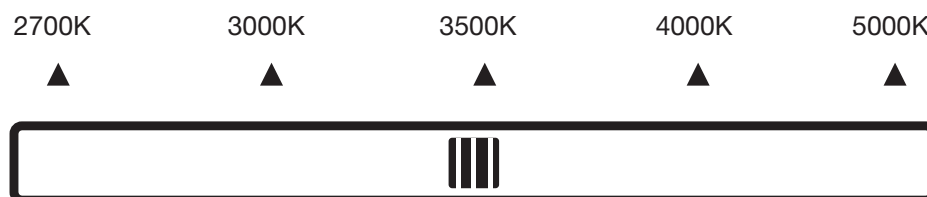
### PLANNING THE INSTALLATION

- 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.



**For 3 Power/ Wattage selectable:**

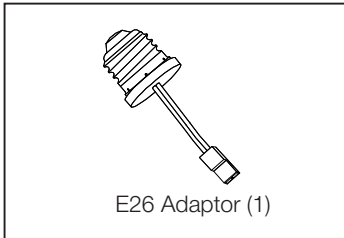


**NOTICE:** Select the preferred color and power BEFORE put the junction box onto the ceiling.

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## INSTALLATION FOR RETROFIT DOWNLIGHT GEN 2

### Accessories

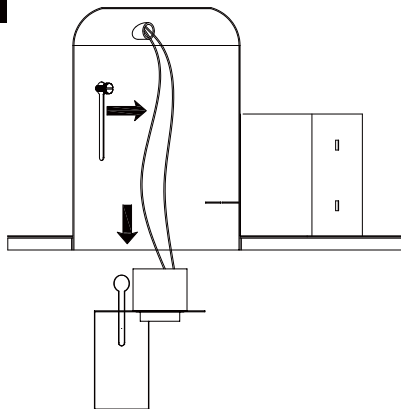


4 Inch | 5/6 Inch

### INSTALLATION INSTRUCTIONS

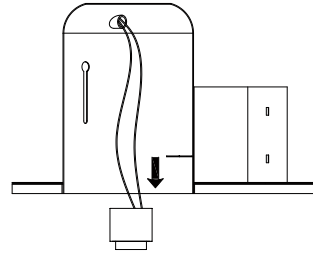
1. Make sure the power is turned off at the source to the recessed housing(s) that you are installing the fixture(s) in. Remove existing trim and CFL, or incandescent bulbs.
2. Unscrew the screws on the socket bracket, and push the bracket upward to the top location. (Fig. 1)

Fig:1



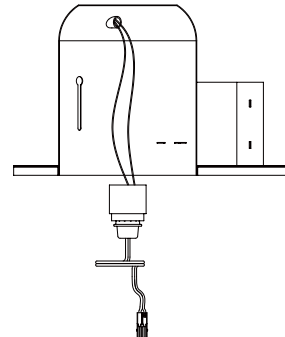
3. Remove the existing socket mounting plate from the recessed housing and then remove the lamp socket from the plate. (Fig. 2)

Fig:2



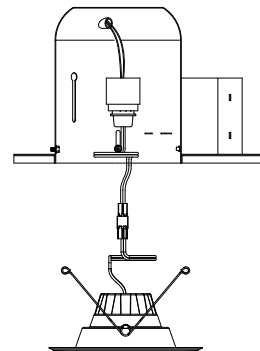
4. Screw the E26 adaptor into the socket inside the housing. (Fig. 3)

Fig:3



5. Plug the E26 base cable connection into the recessed housing. (Fig. 4)

Fig:4



6 Inch

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

## RETROFIT DOWNLIGHT GEN 2

### 4 Inch | 5/6 Inch

6. 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 and on both sides of the housing. (Fig. 5)

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

Fig:5

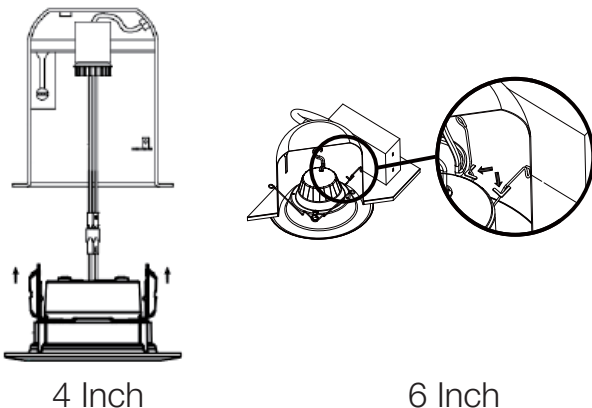
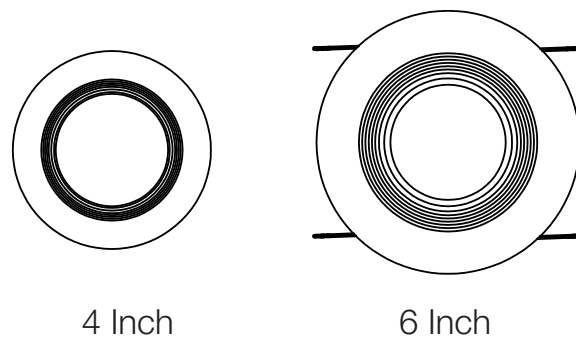
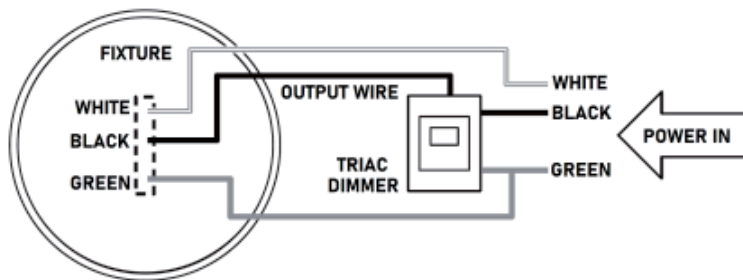


Fig:6



## 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.