

**⚠ WARNING: RISK OF FIRE OR ELECTRIC SHOCK.** Installation of downlight SHOULD NOT exceed input ratings of luminaires, and luminaires MUST match features and dimensions of images below. Contact a qualified electrician if installation cannot be properly completed.

**⚠ WARNING:** To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

**⚠ CAUTION: RISK OF FALLING OBJECTS.** Read and follow all the instructions for mounting. Failure to follow these instructions could result in minor to moderate injury.

**Important Notes**  
**Please Read Before Installing**

**A. DO NOT** make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

**B.** Installers should examine all parts that are not intended to be replaced by the downlight for damage and replace any damaged parts prior to installation of the downlight.

**C.** Prior to installation, review all allowable environmental conditions in the **Environment** section below. Only install in damp or wet locations if indicated in the installation instructions.

**D.** This downlight is only compatible with the specified controls. It will not operate properly when connected to a dimmer.

**E.** HWL- and RRL- models: Not for use with emergency exits or emergency lighting.

**F.** Suitable for Type IC or Non-IC luminaires with minimum dimensions of 4.0 in (101.6 mm) diameter by 5.4 in (137.2 mm) deep.

**G. Codes:** Install in accordance with all local/national electrical and building codes.

**H. Environment:** Ambient operating temperature: 32 °F - 104 °F (0 °C - 40 °C), 0 - 90% humidity, non-condensing. Suitable for dry or damp locations. Suitable for wet locations (covered ceiling only).

**I.** Modifications not expressly approved by Lutron Electronics Co., Inc. could void the user's authority to operate this equipment.

**J.** When used for emergency lighting, the maximum mounting height is 7.17 ft (2.2 m).

| INCLUDED COMPONENTS:                                                                                           |                | RATINGS:                                              |  |
|----------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------|--|
| <ul style="list-style-type: none"><li>• Downlight</li><li>• E26 adapter cord</li><li>• Service label</li></ul> |                | <b>Input:</b> 120 V~ 60 Hz 0.07 A 8.5 W<br>800 lumens |  |
| MODELS:                                                                                                        |                |                                                       |  |
| • HWL-RD4WH-TW                                                                                                 | • RRL-RD4WH-TW | • CM-RD4WH-TW                                         |  |
| • HWL-RD4BL-TW                                                                                                 | • RRL-RD4BL-TW | • CM-RD4BL-TW                                         |  |
| • HWL-RD6WH-TW                                                                                                 | • RRL-RD6WH-TW | • CM-RD6WH-TW                                         |  |
| • HWL-RD6BL-TW                                                                                                 | • RRL-RD6BL-TW | • CM-RD6BL-TW                                         |  |

## IMPORTANT SAFEGUARDS

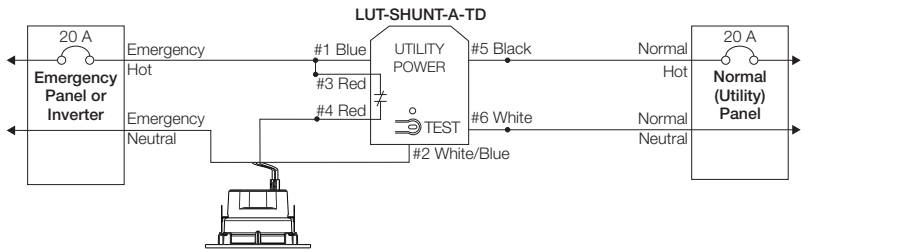
When using electrical equipment, basic safety precautions should always be followed including the following:

## READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- Do not mount near gas or electric heaters.
- Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Do not use this equipment for other than its intended use.

## SAVE THESE INSTRUCTIONS

CM-RD4WH-TW, CM-RD4BL-TW, CM-RD6WH-TW, and CM-RD6BL-TW models only:

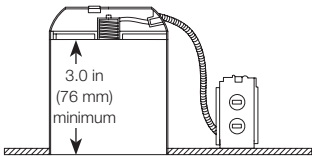


### 1 Turn power off

**⚠ WARNING: RISK OF ELECTRIC SHOCK.** Turn power OFF at circuit breaker or remove fuse. Damage to this product caused by wiring with power on voids the warranty.

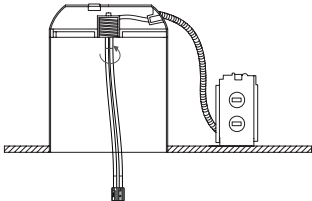
Turn power off to the recessed housing at the source. Remove existing lamp and trim, revealing the socket.

**Note:** Place included service label on the inside wall of the recessed housing before installing downlight.



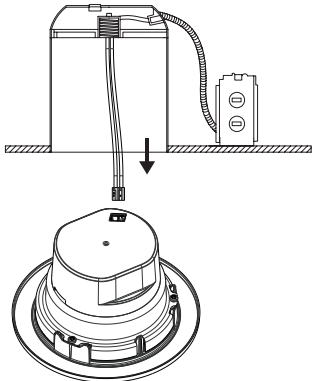
### 2 Connect cable

Screw Edison adapter cable into socket inside the recessed housing.



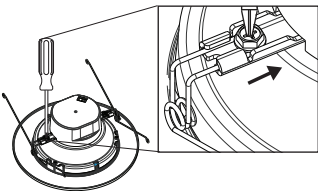
### 3 Plug in the connector

Plug orange connector on Edison adapter into the top of the downlight and press down firmly to secure.



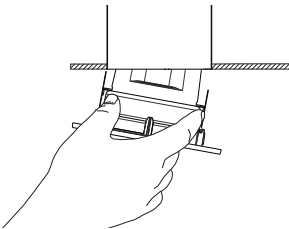
### 4 Adjust spring clips — 5 inch (127 mm) recessed housing only

Loosen the Phillips head screws holding the spring clips and press the spring clips in until they stop. Re-tighten the screws.

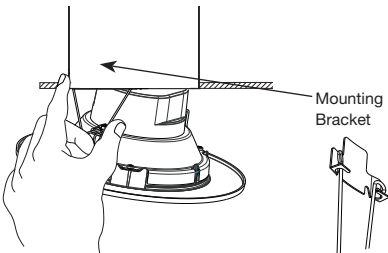


### 5 Insert spring clips or friction paddles into recessed housing

**4 inch (102 mm):** Insert one side of the downlight into the recessed housing and firmly press against the friction paddles while inserting the other side.

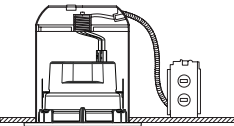


**5 inch (127 mm) or 6 inch (152 mm):** Squeeze the spring clips together and navigate them into the mounting brackets inside the recessed housing. Once in the mounting brackets release the spring clips.



### 6 Push downlight into recessed housing

Carefully push the downlight into the recessed housing until the trim is flush with the ceiling surface.



### 7 Turn power on

Turn power on to the recessed housing at the source. Downlight will turn on to maximum output at 3000 K.

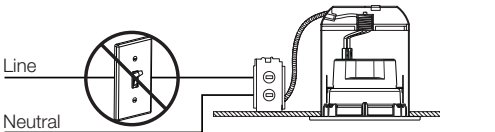
**Note:** If downlight does not turn on, check all connections and confirm it is not controlled by a dimmer or switch.

### 8 System set up

Configure the device using Lutron Designer software. This step must be completed by a trained Lutron-certified technician or engineer.

**Note:** For reliable performance in a system, Clear Connect-Type X devices must be placed within 25 ft (7.6 m) of two additional compatible Clear Connect-Type X devices. Avoid metal obstructions and walls between adjacent devices. Mount at least 6 ft (1.8 m) from wireless interference sources like microwaves, Wireless Access Points (WAPs), etc. For more information and a full list of compatible wireless devices please refer to the Wireless Setup guide: [www.lutron.com/RA3support](http://www.lutron.com/RA3support) or [www.lutron.com/HWsupport](http://www.lutron.com/HWsupport)

### Wiring Note



Lumaris downlights are rated to be powered directly by a breaker. Any dimmer or switch in between the breaker and downlight should be bypassed. A Lutron keypad can be installed in its place to provide control.

**LIMITED WARRANTY:** [www.lutron.com/warranty](http://www.lutron.com/warranty) or call 1.844.LUTRON1 (USA/Canada) or +1.610.282.3800 (Others) for a printed copy.

**FOR QUESTIONS AND TECHNICAL SUPPORT, PLEASE CONTACT:** [lightingsupport@lutron.com](mailto:lightingsupport@lutron.com) OR 1.844.LUTRON1

**Guide d'installation –  
Veuillez lire avant l'installation**

**Guía de instalación; leer antes de instalar**

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