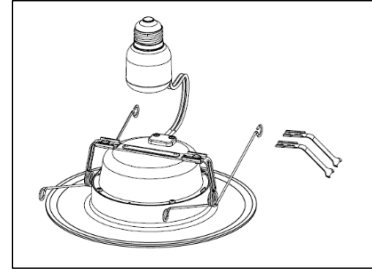


# GE LED Recessed Downlight



## BEFORE YOU BEGIN

Read these instructions completely and carefully.



## WARNING

- Risk of fire or electric shock. LED Retrofit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Risk of fire or electric shock. Install this kit only in the 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.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- This device is not intended for use with emergency exits.
- This retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.

The units covered in this report are intended to retrofit Type IC or Non-IC recessed Listed luminaires with instructions to remove the existing trim. These products are intended to be used in dry or damp locations. These products are classified as to FIRE and SHOCK hazards only.

This device complies with Part 15 of the FCC Rules. Operations is subject to the following two conditions: (1) This device may not cause harmful interference. And (2) this device must accept any interference received, including interference that may cause undesired operation. This device complies with CAN ICES-005 B.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## Save These Instructions

Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

## Components Supplied

One LED retrofit  
One pair of flip clips  
One installation instruction sheet

## Prepare Electrical Wiring



### *Electrical Requirements*

The LED downlights must be supplied with 120VAC 60Hz.



### *Grounding Instructions*

The grounding and bonding of the overall system shall be done in accordance with National Electric Code(NEC) Article 600 and local codes.

## Installation

The fixture is suitable for 5inch Recessed Can with minimum depth of 148mm or 6inch Recessed Can with minimum depth of 188mm.

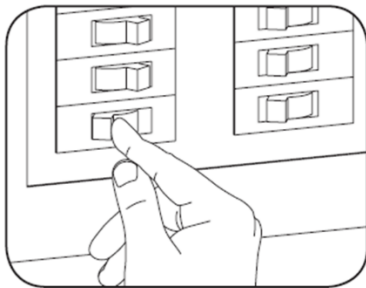


Figure 1

**1** Turn off power at the source to the recessed housing(s) that you are installing the fixture(s) in.

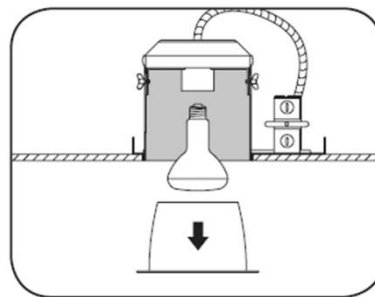
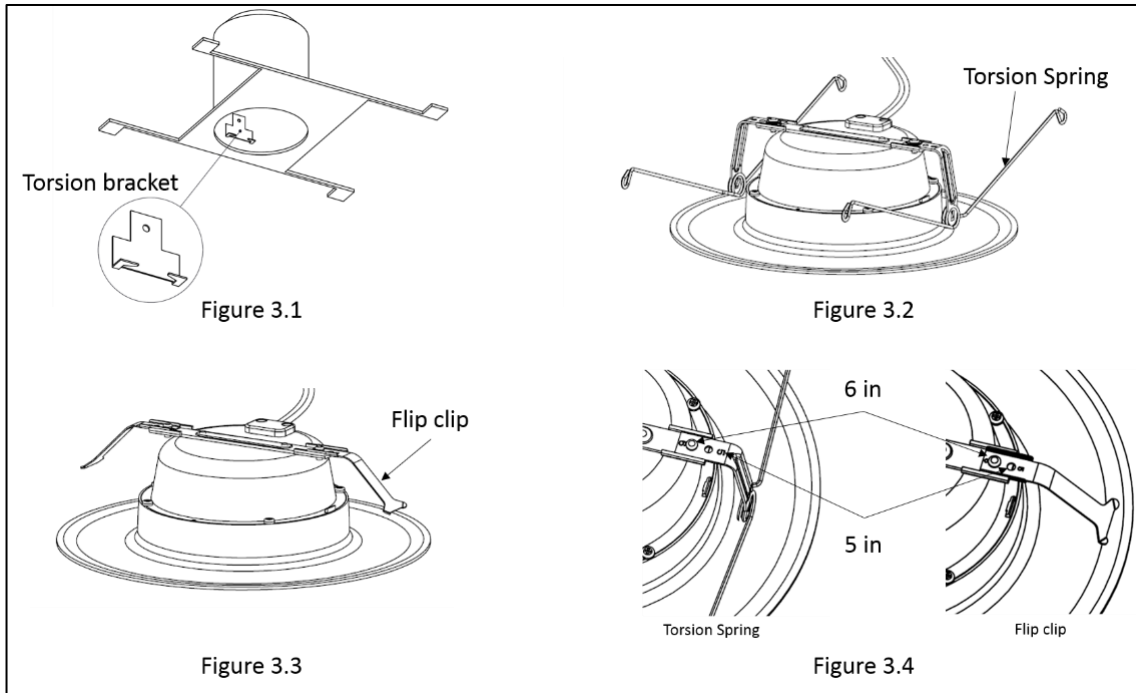


Figure 2

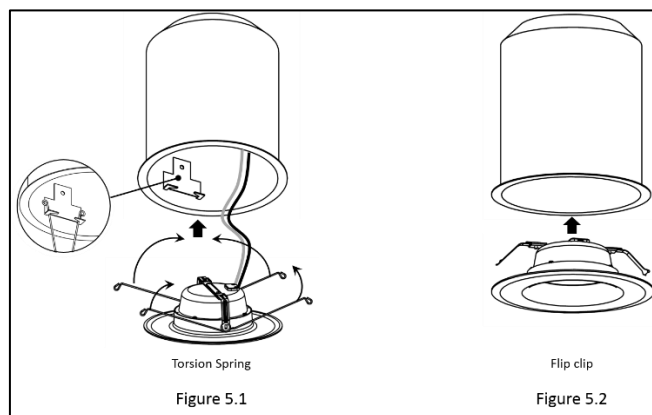
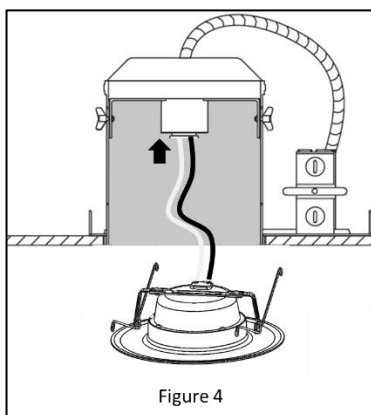
**2** Remove existing trim and bulb, revealing the housing and the existing socket inside.



### 3 Determine mounting method.

- Housing with torsion bracket (Figure 3.1), use the manufacturer installed torsion springs (Figure 3.2) for installation.
- Housing without torsion bracket (Figure 3.1), replace the torsion springs with the flip clips (Figure 3.3) in the packaging with a screwdriver.

Housing compatibility. The RS recessed downlight is designed to install in most 6 in. and 5 in. recessed housing. Adjust the dimension of mount kit with a screwdriver based on size of the recessed housing that you are installing the fixture(s) in (Figure 3.4).



④ Screw medium base into the existing socket inside the housing.

⑤ Finish installation.

- Housing with torsion bracket: Check that the “torsion springs” are firmly attached. Compress the torsion springs and insert into the bracket inside the housing. Release springs and gently push up until flush with the ceiling (Figure 5.1).
- Housing without torsion bracket: Check that the “flip clips” are firmly attached. Center the fixture in the housing opening and gently push up until flush with the ceiling (Figure 5.2).

⑥ Restore power to the lighting system.