

LR6, LR6C including LR6-GU24, LR6C-GU24 LE6, LE6C, LE6-GU24, LE6C-GU24

INSTALLATION INSTRUCTIONS

IMPORTANT SAFEGUARDS

WARNING - Risk of Electric Shock. Disconnect power at fuse or circuit breaker before installing or servicing.

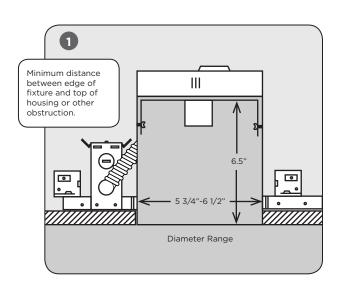
READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- 1. It may be necessary to remove a socket mounting plate for adequate clearance.
- 2. Each lampholder shall be installed only in its intended manner and orientation.
- Not all existing recessed housings that meet these requirements will be compatible with the LR6. To ensure compatibility, a test installation should be conducted.
- 4. Suitable for Damp Locations.

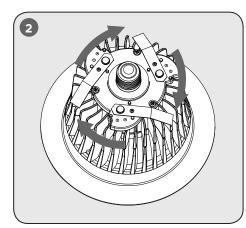
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

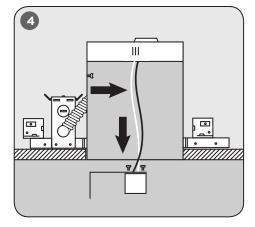
RECESSED HOUSING COMPATIBILITY

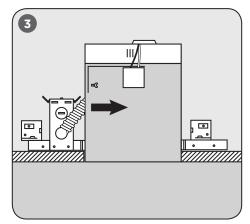
- The LR6 is designed to install in standard 6in recessed downlight housings.
- For a list of compatible housings, visit www.cree.com/lighting.
- Compatibility of housings not on this list may be determined by measurement of the housing as detailed in the drawing to the right. (Figure 1).

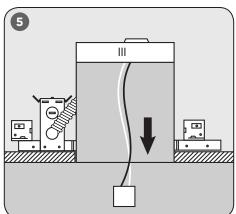


TO INSTALL:









STEP 1:

Remove LR6 Fixture from the packaging and rotate the "Flip Clips" clockwise until the clips are oriented directly away from the fixture. This position is the "installation ready" position. See **Figure 2.**

STEP 2:

Make sure the power is turned off at the source to the recessed housing(s) that you are installing the fixture(s) in.

STEP 3:

Once power has been turned off, remove existing trim and CFL, or Incandescent, bulb revealing the existing socket.

STEP 4:

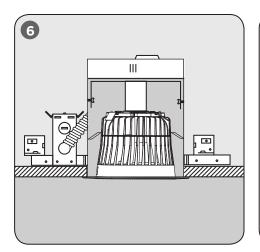
Locate the socket in your existing recessed housing and remove any screws that prevent the socket bracket from being removed. See **Figure 3**.

STEP 5:

Pull socket assembly, including the bracket, as low as possible given the existing wire length available. (May require socket plate removal) Remove any excess bracketry from socket. See **Figure 4**.

STEP 6:

Once you have removed the excess bracketry from the socket, you are now ready to install the LR6 fixture. See **Figure 5.**



STEP 7:

For Edison Connection:

Attach LR6 to recessed housing socket. Screw LR6 into the socket by turning clockwise.

For GU24 Connections (Figure 8):

Attach GU24 socket to the LR6 by inserting pins into the scoket and twist socket clockwise until locked. See **Figure 7**.

For Edison to GU24 Conversion:

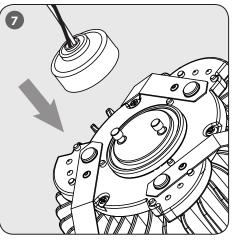
Converting an existing socket from an Edison-style socket to a GU24-style socket:

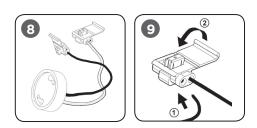
NOTE: GU-24 Socket Whip (Provided with LR6-GU24 Units Only)

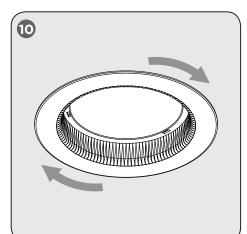
- a. Cut socket wires close to existing Edison-style socket.
- b. Insert the input wires into the Insulation Displacement Connectors provided on the metal U-connector until flush with the top of the plastic insulator. See **Figure 9.**
- c. Close plastic hinged cover and snap lock. See **Figure 9.**
- d. Go to "For GU24 Connection" section.

STEP 8:

Slide LR6 with clips, in ready position, up into the recessed housing until trim ring is flush with ceiling. See **Figure 6.**





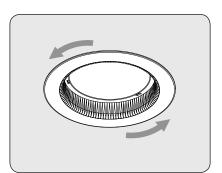


STEP 9:

Rotate LR6 Fixture 1/4 turn clockwise to lock clips into position. Your LR6 fixture should now be securely installed into the ceiling. Turn power on and enjoy. See **Figure 10.**

REMOVAL OF LR6/LR6-GU24

NOTE: Make sure power to fixture is removed before attempting to disconnect LR6 module from fixture.



STEP 1:

To remove LR6 module, grip firmly on the trim ring and rotate 1/4 turn counterclockwise to unlock clips from recessed can.

STEP 2:

Continue to turn counterclockwise as you pull downward on the LR6. This will disengage the clips allowing the LR6 to pull free.

STEP 3:

Detach LR6 from recessed housing socket.

NOTE: This device is not intended for use with emergency exit fixtures or emergency exit lights.



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