

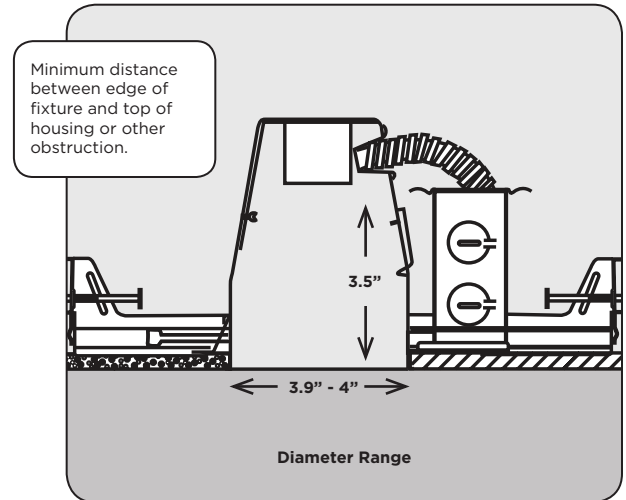
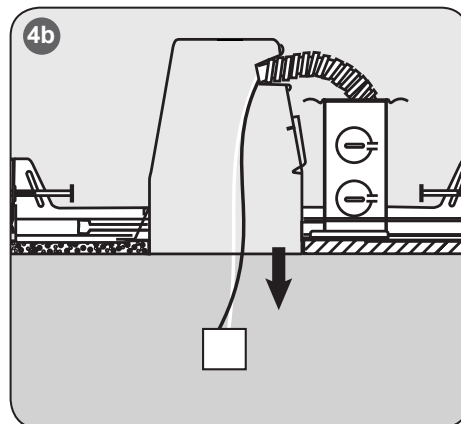
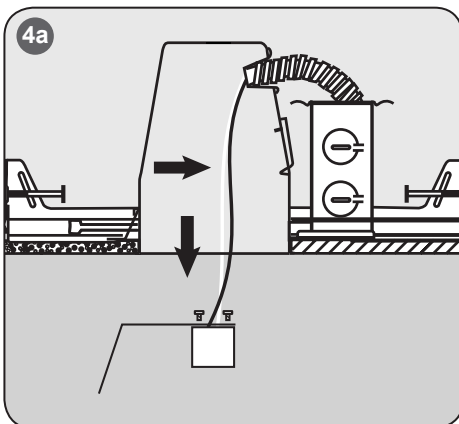
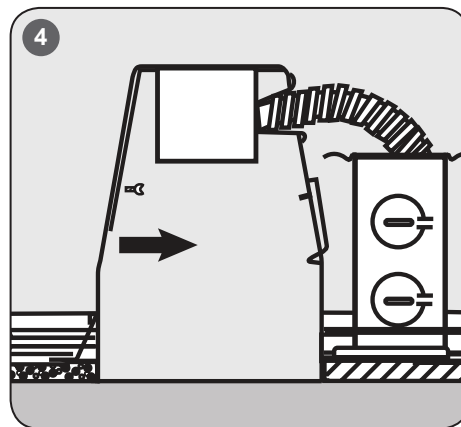
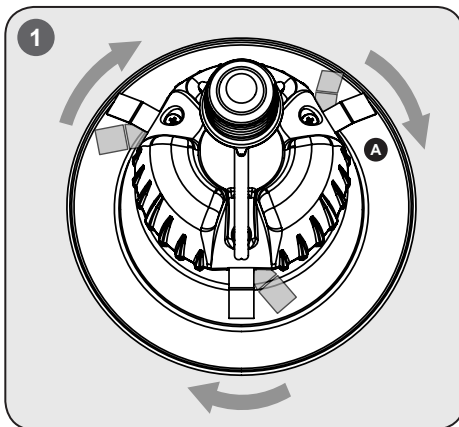
**INSTALLATION INSTRUCTIONS**
**RECESSED HOUSING AND DIMMER COMPATIBILITY**

- The CR4 LED Downlight is designed to install in standard 4" recessed downlight housings.
- For a list of compatible housings, refer to [www.CreeLighting.com](http://www.CreeLighting.com).
- Compatible with most dimmers when used with multiple CR4 fixtures. Consult [www.CreeLighting.com](http://www.CreeLighting.com) for a compatibility chart.
- Compatibility of housings not on this list may be determined by measurement of the housing as detailed in the attached drawing (Figure 1).

**IMPORTANT SAFETY INFORMATION**  
**Read all instructions before installation**

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

**Note:** (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. (3) Not all existing recessed housings that meet these requirements will be compatible with the CR4. To ensure compatibility, a test installation should be conducted. (4) Suitable for damp locations.

**FIGURE 1**

**TO INSTALL:**

**STEP 1:**

Remove CR4 fixture from the packaging and ensure the "Flip Clips" (A) are properly rotated in the "installation ready" position. If the "Flip Clips" are not aligned with the screws, carefully rotate the "Flip Clips" clockwise until the clips are fully-deployed.

**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 bulb, revealing the existing socket.

**STEP 4:**

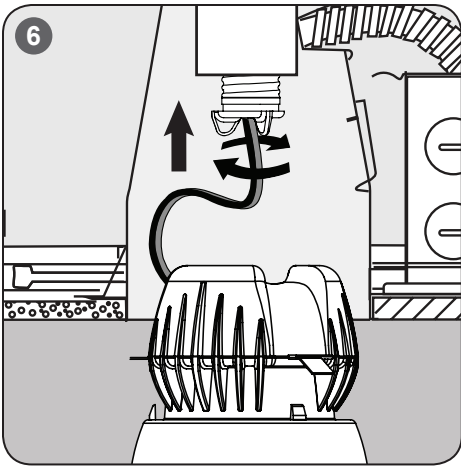
Locate the socket in your existing recessed housing and remove any screws that prevent the socket bracket from being removed (if housing socket is fixed, continue to STEP 5)

**STEP 4a:**

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. Care should be taken not to damage wiring during this process.

**STEP 4b:**

Once you have removed the excess bracketry from the socket, you are now ready to install the CR4 fixture.

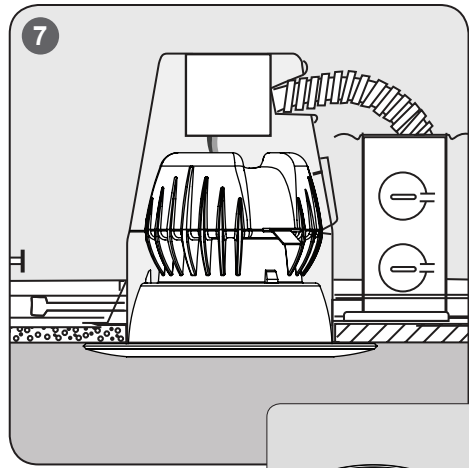


**STEP 5:**

If the existing socket is a GU24-style socket, or if you are converting the existing socket from an edison-style socket to a GU24-style socket, proceed to Step A under "GU24 Installation" below.

**STEP 6:**

Screw CR4 into the socket by turning clockwise.

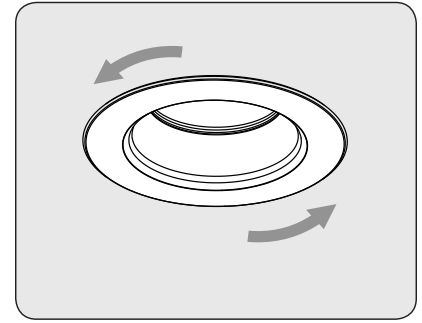


**STEP 7:**

Slide CR4 with clips, in fully-deployed position, up into the recessed housing firmly until trim ring is flush with ceiling.

**REMOVAL OF CR4**

**NOTE:** Make sure power to fixture is disconnected before attempting to remove CR4 module from fixture.



**STEP 1:**

To remove CR4 module, grip firmly on the trim ring and rotate 1/4 turn counterclockwise to unlock clips from recessed can.

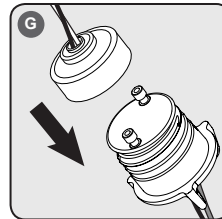
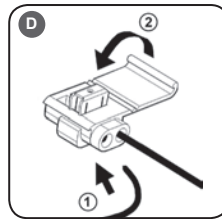
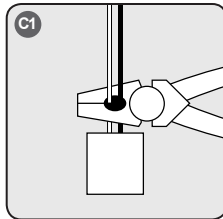
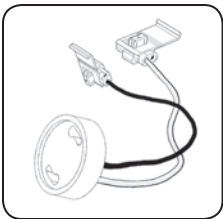
**STEP 2:**

Continue to turn counterclockwise as you pull downward on the CR4. This will disengage the clips allowing the CR4 to pull free.

**STEP 3:**

Detach CR4 from recessed housing socket.

**GU24 INSTALLATION (WHERE REQUIRED)**



GU-24 Socket Whip (Provided with GU24 units only to convert existing edison socket fixtures to GU24)

**STEP A:** Remove GU-24 connector cable from box.

**STEP B:** Follow steps 1-4b of "INSTALLATION INSTRUCTIONS" shown on page 1.

**STEP C:** If the recessed housing is provided with a GU24-style socket, Skip to Step G.

**STEP C1:** To assemble included GU24 whip (shown above) cut wires on back side of socket. No stripping is required from remaining leads.

**STEP D:** Insert the input wires into the Insulation Displacement Connectors provided on the GU-24 Socket whip and clamp down on the metal

u-connector until flush with the top of the plastic insulator.

**STEP E:** Close plastic hinged cover and snap lock.

**STEP F:** Place "Original Luminaire Modification Marking" label inside recessed housing adjacent to existing relamp label.

**STEP G:** Attach GU24 socket to the CR4 by inserting pins into the socket and twisting socket clockwise until locked.

**STEP H:** Continue to Step 7 shown above.

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

In compliance with CA Prop 65, Cree provides the following statement due to the customary electronics components used in this product. **WARNING: This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.**



U.S. Patent # 7,213,940  
U.S. & Foreign Patents Pending  
Made in China

**CREE® TRUEWHITE® TECHNOLOGY FIXTURE LIMITED CONSUMER WARRANTY**

The limited warranty set forth below is given by the Cree company listed below ("Seller") with respect to the lighting product packaged with this limited warranty (the "Product"). Your Product, when delivered to you in new condition in its original packaging, is warranted against defects in materials or workmanship as follows: for a period of FIVE (5) YEARS from the date of original purchase, defective parts or a defective Product returned with the sales receipt as proof of purchase to Seller, or its authorized service providers, as applicable, and proven to be defective upon inspection, will be repaired, or exchanged for a new Product, as determined by Seller, or the authorized service provider. This limited warranty covers all defects encountered in normal use of the Product, and does not apply in the following cases: Loss of or damage to the Product due to acts of God; fire; vandalism; civil disturbances; power surges; improper power supply; electrical current fluctuations; corrosive environment installations; induced vibration; harmonic oscillation or resonance associated with movement of air currents around the product; abuse; alteration; accident; mishandling; failure to follow operating, maintenance or environmental instructions prescribed by Seller in writing or services performed by someone other than Seller or its authorized service provider. **WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS MANUFACTURED.** Any complaints you may have regarding the Product should be addressed to Ruud Lighting, Inc., 9201 Washington Avenue, Racine, WI 53406. Seller shall have no liability under this warranty unless Seller is notified in writing within sixty (60) days after your discovery of the defect and the defective items are promptly returned to Seller, freight prepaid, and received by Seller. This warranty excludes field labor and service charges related to the repair or replacement of the product. **NO IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLIES TO THE PRODUCT AFTER THE APPLICABLE PERIOD OF THE EXPRESS LIMITED WARRANTY STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY GIVEN BY ANY PERSON OR ENTITY WITH RESPECT TO THE PRODUCT SHALL BIND SELLER. (SOME STATES AND PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.)**