**INSTALLATION INSTRUCTIONS**

**CR6 Series**

**LED DOWNLIGHT**

**Diameter Range**

Minimum distance between edge of fixture and top of housing or other obstruction.

- 5 3/4"-6 1/2"
- 6.5"

**STEP 1:**
Remove CR6 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 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. Care should be taken not to damage wiring during this process. See Figure 4.

**STEP 6:**
Once you have removed the excess bracketry from the socket, you are now ready to install the CR6 fixture. See Figure 5.

**RECESSED HOUSING COMPATIBILITY**

- The CR6 is designed to install in standard 6in recessed downlight housings.
- For a list of compatible housings, visit www.cree.com/lighting.
- Compatible with most dimmers when used with multiple CR6 fixtures. Consult www.cree.com/lighting for a compatibility chart.
- Compatibility of housings not on this list may be determined by measurement of the housing as detailed in the drawing above. (Figure 1).

**TO INSTALL:**

**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.
3. Not all existing recessed housings that meet these requirements will be compatible with the CR6. To ensure compatibility, a test installation should be conducted.
4. Suitable for Wet Locations.
5. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
6. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
7. Min. temperature rating of 0°F or -18 °C.

**SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE**

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Limited Warranty: Cree warrants to the original purchaser (the “Buyer”) of the Cree® CR Series downlight purchased (the “Product”), that the Product will be free from material defects in workmanship and materials under normal use and service and conform to Cree’s written specifications. This limited warranty extends for a period of five (5) years from the date of original purchase of the Product (the “Warranty Period”). There is NO WARRANTY in cases of damage to the Product in transit or damage caused by your negligence; abuse; abnormal usage; misuse; accidents; damage due to environmental, corrosive or natural elements; improper power supply; failure to follow Cree’s instructions or applicable electrical codes; improper installation; storage or maintenance; damage due to acts of God; fire; vandalism; civil disturbances; power surges; alteration; mishandling; and incompletely or improperly performing maintenance or repair by someone other than Cree or its authorized service provider. Remedies: If the Product proves defective during the Warranty Period and the Product return procedures set forth below are followed, Cree will repair or replace, at Cree’s sole discretion, the Product. Cree reserves the right to utilize new, reconditioned, refurbished, repaired or remanufactured products or parts in the warranty repair or replacement process. Such products and parts will be compatible in function and performance to an original product or part, as determined by Cree in its sole discretion, and warranted for the remainder of the original warranty period. This limited warranty applies only to a Product purchased within the United States (including the lower 48 states, the District of Columbia, Hawaii, Alaska, Puerto Rico and the U.S. Virgin Islands, but excluding APO/FPO addresses that are outside of those named jurisdictions) (collectively, the “Territory”). Replacement and repaired Product or parts will only be shipped to addresses within the Territory, and refunds will only be credited to accounts located within the Territory. Making a Warranty Claim: Notice of any warranty claim should be sent to Cree at the following address: 9201 Washington Avenue, Racine, WI 53406 or you may call Cree at (800) 236-6800 to receive a RGA#.

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.

### GU24 INSTALLATION (WHERE REQUIRED)

**GU24 INSTALLATION**

#### 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 1-6 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 CR6 by inserting pins into the socket and twisting socket clockwise until locked.

**STEP H:** Continue to Step 9 shown above.

### ELECTRICAL RATINGS

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Volts  (Vac)</th>
<th>Input Frequency  (Hz)</th>
<th>Input Current  (mA)</th>
<th>Input Watts  (W)</th>
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<td>120</td>
<td>60</td>
<td>90</td>
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<td>CR6-800L-E26, CR6-800L-GU24</td>
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<td>60</td>
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<td>12</td>
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</tbody>
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