

## Cree® J Series™ JR5050 LED Product Change Notification

**Customer Name:** JR5050 Customers

**PCN Reference Number:** CVL-PCN-1903

**Date Issued:** September 25, 2019

Please be advised that Cree has qualified a Minor Change to the JR5050 LEDs which does not impact their form, fit, function, or reliability, and Cree will begin shipping the affected products with the change immediately after the PCN Issue Date.

Please review the additional PCN information below.

### Affected Product

Table 1 provides a list of products affected by this Minor Change:

*Table 1: Affected Products List*

| Cree Part Number              |
|-------------------------------|
| JR5050AWT-xx-0000-x0xBxxxxxxx |
| JR5050AWT-xx-0000-x0xCxxxxxxx |
| JR5050AWT-xx-0000-x0xHxxxxxxx |
| JR5050AWT-xx-0000-x0xNxxxxxxx |

## Description of the Change

The order codes have been changed. The bin codes are unchanged.

Table 2 to Table 5 provide lists of suitable replacement kits.

Table 2: Suitable Replacement Kit Codes – JR5050 6-V Q Class

| CCT    | CRI | Current Cree Part Number      | New Cree Part Number           |
|--------|-----|-------------------------------|--------------------------------|
| 6500 K | 70  | JR5050AWT-00-0000-000B0BQ465E | JR5050AWT-Q-B65EB0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000B0HQ465E | JR5050AWT-Q-H65EB0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000B0UQ265E | JR5050AWT-Q-U65EB0000-N0000001 |
| 5700 K | 70  | JR5050AWT-00-0000-000B0BQ457E | JR5050AWT-Q-B57EB0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000B0HQ457E | JR5050AWT-Q-H57EB0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000B0UQ257E | JR5050AWT-Q-U57EB0000-N0000001 |
| 5000 K | 70  | JR5050AWT-00-0000-000B0BQ450E | JR5050AWT-Q-B50EB0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000B0HQ450E | JR5050AWT-Q-H50EB0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000B0UQ250E | JR5050AWT-Q-U50EB0000-N0000001 |
| 4500 K | 70  | JR5050AWT-00-0000-000B0BQ445E | JR5050AWT-Q-B45EB0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000B0HQ445E | JR5050AWT-Q-H45EB0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000B0UQ245E | JR5050AWT-Q-U45EB0000-N0000001 |
| 4000 K | 70  | JR5050AWT-00-0000-000B0BQ440E | JR5050AWT-Q-B40EB0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000B0HQ440E | JR5050AWT-Q-H40EB0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000B0UQ240E | JR5050AWT-Q-U40EB0000-N0000001 |
| 3500 K | 70  | JR5050AWT-00-0000-000B0BQ435E | JR5050AWT-Q-B35EB0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000B0HQ435E | JR5050AWT-Q-H35EB0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000B0UQ235E | JR5050AWT-Q-U35EB0000-N0000001 |
| 3000 K | 70  | JR5050AWT-00-0000-000B0BQ430E | JR5050AWT-Q-B30EB0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000B0HQ430E | JR5050AWT-Q-H30EB0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000B0UP430E | JR5050AWT-Q-U30EB0000-N0000001 |
| 2700 K | 70  | JR5050AWT-00-0000-000B0BQ427E | JR5050AWT-Q-B27EB0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000B0HQ227E | JR5050AWT-Q-H27EB0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000B0UP427E | JR5050AWT-Q-U27EB0000-N0000001 |

Table 3: Suitable Replacement Kit Codes – JR5050 9-V Q Class

| CCT    | CRI | Current Cree Part Number      | New Cree Part Number           |
|--------|-----|-------------------------------|--------------------------------|
| 6500 K | 70  | JR5050AWT-00-0000-000C0BQ465E | JR5050AWT-Q-B65EC0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000C0HQ265E | JR5050AWT-Q-H65EC0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000C0UP465E | JR5050AWT-Q-U65EC0000-N0000001 |
| 5700 K | 70  | JR5050AWT-00-0000-000C0BQ457E | JR5050AWT-Q-B57EC0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000C0HQ257E | JR5050AWT-Q-H57EC0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000C0UP457E | JR5050AWT-Q-U57EC0000-N0000001 |
| 5000 K | 70  | JR5050AWT-00-0000-000C0BQ450E | JR5050AWT-Q-B50EC0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000C0HQ250E | JR5050AWT-Q-H50EC0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000C0UP450E | JR5050AWT-Q-U50EC0000-N0000001 |
| 4500 K | 70  | JR5050AWT-00-0000-000C0BQ445E | JR5050AWT-Q-B45EC0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000C0HQ245E | JR5050AWT-Q-H45EC0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000C0UP445E | JR5050AWT-Q-U45EC0000-N0000001 |
| 4000 K | 70  | JR5050AWT-00-0000-000C0BQ440E | JR5050AWT-Q-B40EC0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000C0HQ240E | JR5050AWT-Q-H40EC0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000C0UP440E | JR5050AWT-Q-U40EC0000-N0000001 |
| 3500 K | 70  | JR5050AWT-00-0000-000C0BQ435E | JR5050AWT-Q-B35EC0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000C0HQ235E | JR5050AWT-Q-H35EC0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000C0UP435E | JR5050AWT-Q-U35EC0000-N0000001 |
| 3000 K | 70  | JR5050AWT-00-0000-000C0BQ230E | JR5050AWT-Q-B30EC0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000C0HQ230E | JR5050AWT-Q-H30EC0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000C0UP430E | JR5050AWT-Q-U30EC0000-N0000001 |
| 2700 K | 70  | JR5050AWT-00-0000-000C0BQ227E | JR5050AWT-Q-B27EC0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000C0HQ227E | JR5050AWT-Q-H27EC0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000C0UP427E | JR5050AWT-Q-U27EC0000-N0000001 |

Table 4: Suitable Replacement Kit Codes – JR5050 24-V Q Class

| CCT    | CRI | Current Cree Part Number      | New Cree Part Number           |
|--------|-----|-------------------------------|--------------------------------|
| 6500 K | 70  | JR5050AWT-00-0000-000H0BQ465E | JR5050AWT-Q-B65EH0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000H0HQ465E | JR5050AWT-Q-H65EH0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000H0UQ265E | JR5050AWT-Q-U65EH0000-N0000001 |
| 5700 K | 70  | JR5050AWT-00-0000-000H0BQ457E | JR5050AWT-Q-B57EH0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000H0HQ457E | JR5050AWT-Q-H57EH0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000H0UQ257E | JR5050AWT-Q-U57EH0000-N0000001 |
| 5000 K | 70  | JR5050AWT-00-0000-000H0BQ450E | JR5050AWT-Q-B50EH0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000H0HQ450E | JR5050AWT-Q-H50EH0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000H0UQ250E | JR5050AWT-Q-U50EH0000-N0000001 |
| 4500 K | 70  | JR5050AWT-00-0000-000H0BQ445E | JR5050AWT-Q-B45EH0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000H0HQ445E | JR5050AWT-Q-H45EH0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000H0UQ245E | JR5050AWT-Q-U45EH0000-N0000001 |
| 4000 K | 70  | JR5050AWT-00-0000-000H0BQ440E | JR5050AWT-Q-B40EH0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000H0HQ440E | JR5050AWT-Q-H40EH0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000H0UQ240E | JR5050AWT-Q-U40EH0000-N0000001 |
| 3500 K | 70  | JR5050AWT-00-0000-000H0BQ435E | JR5050AWT-Q-B35EH0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000H0HQ435E | JR5050AWT-Q-H35EH0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000H0UP435E | JR5050AWT-Q-U35EH0000-N0000001 |
| 3000 K | 70  | JR5050AWT-00-0000-000H0BQ230E | JR5050AWT-Q-B30EH0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000H0HQ230E | JR5050AWT-Q-H30EH0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000H0UP430E | JR5050AWT-Q-U30EH0000-N0000001 |
| 2700 K | 70  | JR5050AWT-00-0000-000H0BQ227E | JR5050AWT-Q-B27EH0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000H0HQ227E | JR5050AWT-Q-H27EH0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000H0UP427E | JR5050AWT-Q-U27EH0000-N0000001 |

Table 5: Suitable Replacement Kit Codes – JR5050 36-V Q Class

| CCT    | CRI | Current Cree Part Number      | New Cree Part Number           |
|--------|-----|-------------------------------|--------------------------------|
| 6500 K | 70  | JR5050AWT-00-0000-000N0BQ265E | JR5050AWT-Q-B65EN0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000N0HQ265E | JR5050AWT-Q-H65EN0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000N0UP465E | JR5050AWT-Q-U65EN0000-N0000001 |
| 5700 K | 70  | JR5050AWT-00-0000-000N0BQ257E | JR5050AWT-Q-B57EN0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000N0HQ257E | JR5050AWT-Q-H57EN0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000N0UP457E | JR5050AWT-Q-U57EN0000-N0000001 |
| 5000 K | 70  | JR5050AWT-00-0000-000N0BQ250E | JR5050AWT-Q-B50EN0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000N0HQ250E | JR5050AWT-Q-H50EN0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000N0UP450E | JR5050AWT-Q-U50EN0000-N0000001 |
| 4500 K | 70  | JR5050AWT-00-0000-000N0BQ245E | JR5050AWT-Q-B45EN0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000N0HQ245E | JR5050AWT-Q-H45EN0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000N0UP445E | JR5050AWT-Q-U45EN0000-N0000001 |
| 4000 K | 70  | JR5050AWT-00-0000-000N0BQ240E | JR5050AWT-Q-B40EN0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000N0HQ240E | JR5050AWT-Q-H40EN0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000N0UP440E | JR5050AWT-Q-U40EN0000-N0000001 |
| 3500 K | 70  | JR5050AWT-00-0000-000N0BQ235E | JR5050AWT-Q-B35EN0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000N0HQ235E | JR5050AWT-Q-H35EN0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000N0UP435E | JR5050AWT-Q-U35EN0000-N0000001 |
| 3000 K | 70  | JR5050AWT-00-0000-000N0BQ230E | JR5050AWT-Q-B30EN0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000N0HP430E | JR5050AWT-Q-H30EN0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000N0UP230E | JR5050AWT-Q-U30EN0000-N0000001 |
| 2700 K | 70  | JR5050AWT-00-0000-000N0BP427E | JR5050AWT-Q-B27EN0000-N0000001 |
|        | 80  | JR5050AWT-00-0000-000N0HP427E | JR5050AWT-Q-H27EN0000-N0000001 |
|        | 90  | JR5050AWT-00-0000-000N0UP227E | JR5050AWT-Q-U27EN0000-N0000001 |

## Reason for Change

The change is being implemented to achieve back-end efficiency, improve future-proof logic and increase intuitiveness of order codes.

## Change Impact on Form, Fit, Function, or Reliability

There is no change to the form, fit, function, or reliability of JR5050 LEDs.

We will begin shipping the affected product with the change immediately after the PCN Issue Date. Customers are asked to use the new order codes to place orders. The previous order codes will be invalid after March 31, 2020.

## Cree Contact Information

If you have any questions regarding this PCN please contact:

*Table 6: PCN Contact*

|                             |  |
|-----------------------------|--|
| <b>Cree Contact:</b>        | LEDs Customer Service  |
| <b>Cree Contact E-Mail:</b> | <a href="mailto:xlampsales@cree.com">xlampsales@cree.com</a> |
| <b>Address:</b>             | 4600 Silicon Dr.<br>Durham, NC 27703<br>USA                  |

J Series™ Products are sold exclusively by Cree Venture LED Company Limited (“Cree Venture”), regardless of geography. Any orders for J Series Products that are submitted to Cree, Inc. or any of its other subsidiaries will be directed to Cree Venture for acknowledgement and order fulfillment.