

Cree® J Series® 3030 High-Efficacy LED Product Change Notification

Customer Name: 3030 High-Efficacy Customers

PCN Reference Number: CVL-PCN-2005

Date Issued: September 3, 2020

Please be advised that Cree has qualified a Minor Change to the JB3030 and JK3030 High-Efficacy 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 |
|---------------------------------|
| JB3030UWT-D-xxxxAxxxx-xxxxxxxxx |
| JB3030UWT-B-xxxxAxxxx-xxxxxxxxx |
| JK3030UWT-B-xxxxBxxxx-xxxxxxxxx |

Description of the Change

Cree will be changing the typical forward voltage for JB3030 and JK3030 High-Efficacy LEDs. Table 2 shows the current and new values.

Table 2: Current and New Values

| CRI | Typical Forward Voltage | |
|------------------------------|-------------------------|----------------------|
| | Current | New |
| JB3030 3-V HE D Class | 2.81 V @65 mA, 25 °C | 2.79 V @65 mA, 25 °C |
| JB3030 3-V HE B Class | 2.71 V @65 mA, 25 °C | 2.70 V @65 mA, 25 °C |
| JK3030 6-V HE B Class | 6.02 V @150 mA, 25 °C | 6.0 V @150 mA, 25 °C |

Cree will be changing the maximum DC forward current for JB3030 3-V HE B Class and JK3030 6-V HE B Class LEDs. Table 3 shows the current and new values.

Table 3: Current and New Values

| CRI | Maximum DC Forward Current | |
|------------------------------|----------------------------|--------|
| | Current | New |
| JB3030 3-V HE B Class | 240 mA | 480 mA |
| JK3030 6-V HE B Class | 200 mA | 240 mA |

Reason for Change

The typical forward voltage change is being made to better reflect manufacturing yield.

The JB3030 3-V HE B Class and JK3030 6-V HE B Class LEDs maximum DC forward current change is being made to provide greater design flexibility for our customers.

Change Impact on Form, Fit, Function, or Reliability

This has no impact on the function or reliability of the JB3030 and JK3030 High-Efficacy LEDs. No customer action is required. This product change does not affect the order codes.

The JB3030 3-V HE B Class and JK3030 6-V HE B Class LEDs maximum DC forward current change is applicable for current and new LED shipments of JB3030 3-V HE B Class and JK3030 6-V HE B Class LEDs.

Cree Contact Information

If you have any questions regarding this PCN please contact:

Table 4: PCN Contact

| | |
|-----------------------------|--|
| Cree Contact: | LEDs Customer Service |
| Cree Contact E-Mail: | xlampsales@cree.com |
| Address: | 4600 Silicon Dr. Durham, NC 27703 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.