

Cree® XLamp® XB-D LED Product Change Notification

Customer Name: XB-D Customers

PCN Reference Number: CREE-PCN-0770

Date Issued: March 21, 2019

Please be advised that Cree has qualified a Major Change to XLamp® XB-D royal blue LEDs and that we will begin shipping the affected products with the change 90 days after the PCN Issue Date.

Please review the additional PCN information below.

Affected Product

Table 1 provides a list of products affected by this Major change:

Table 1 Affected Products List

Cree Part Number
XBDROY-xx-xxxx-xxxxxxxxxx

Description of the Change

Cree is qualifying other die in addition to the die currently used in XB-D royal blue LEDs.

Reason for the Change

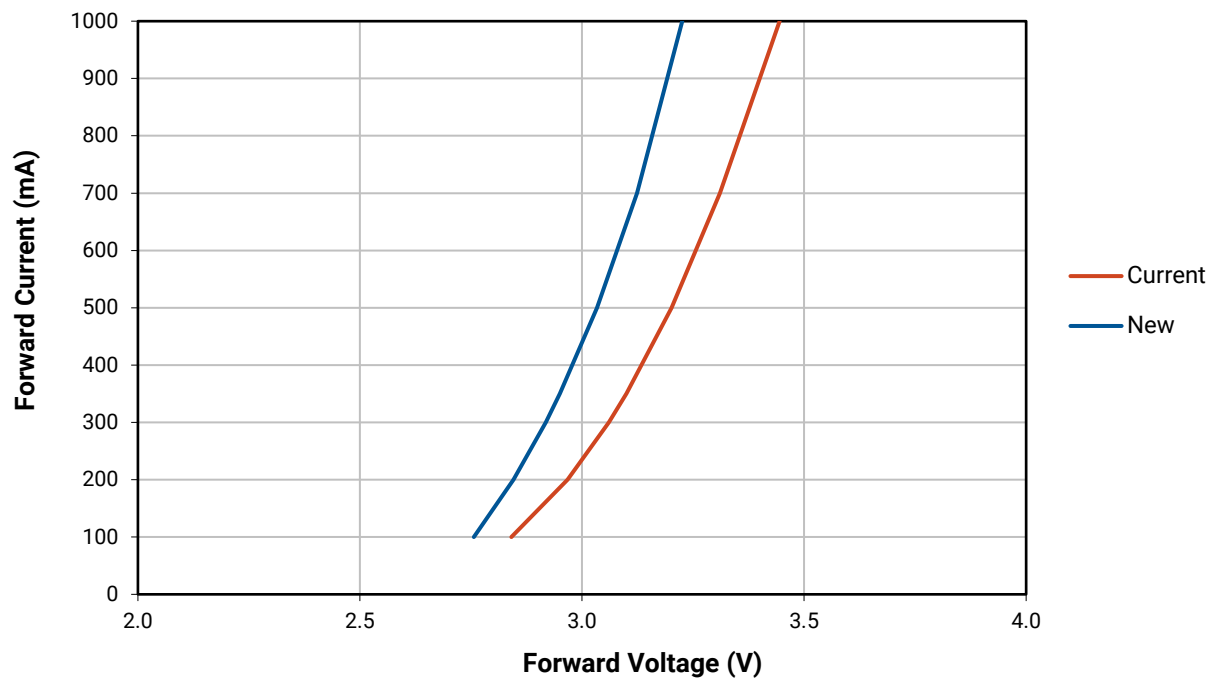
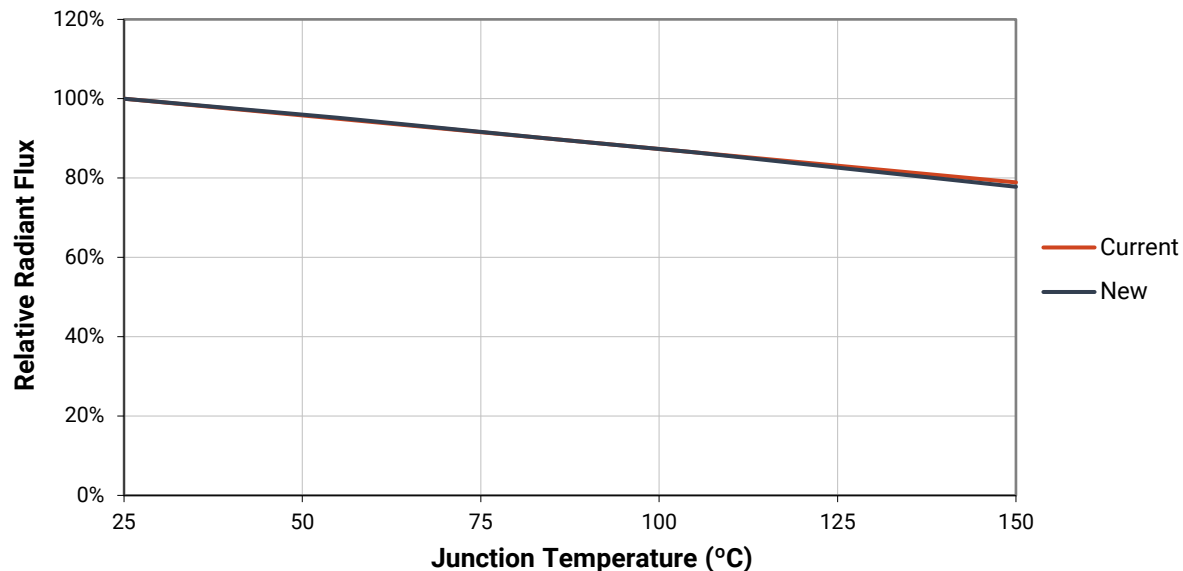
This change is being made to take advantage of the latest LED technology.

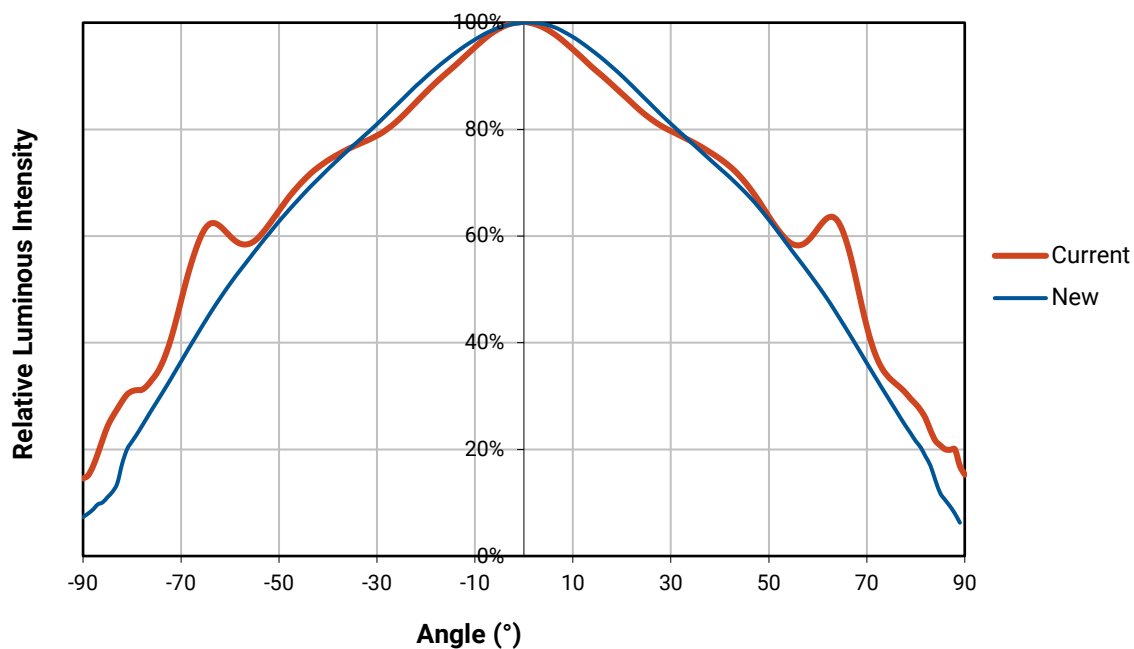
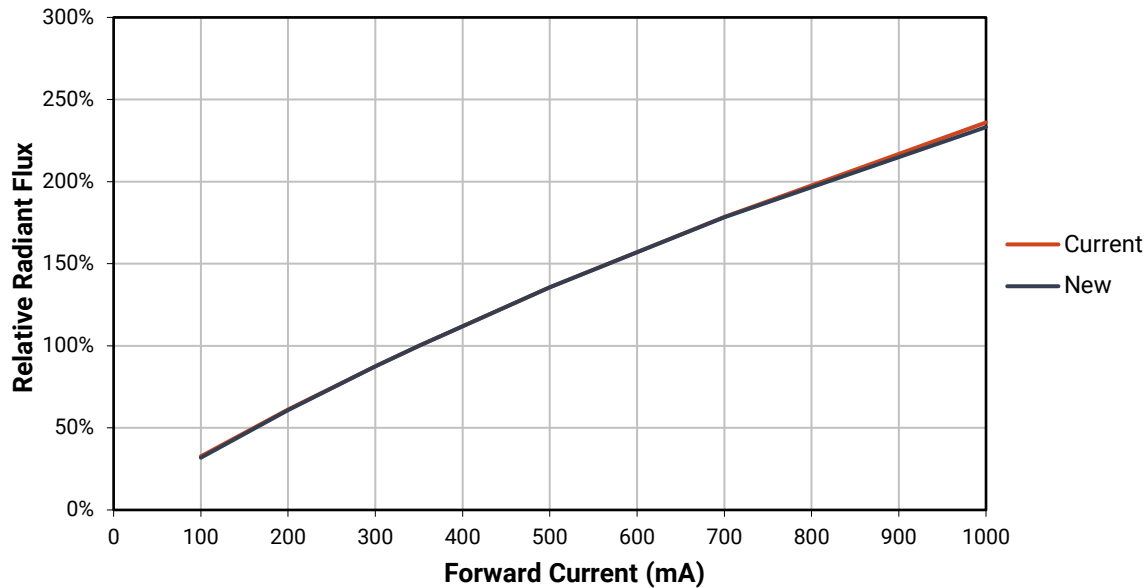
Change Impact on Form, Fit, Function, or Reliability

This change results in improved performance.

- The radiant flux is increased.
- The forward voltage is lower.
- The typical spatial distribution pattern is smoother.

Cree is updating the XB-D data sheet to show the performance of the new parts. The following graphs show the change in performance.





This change has no impact on the fit, solderability, or reliability of these LEDs.

Cree Contact Information

If you have any questions regarding this PCN please contact:

Table 2 PCN Contact

Cree Contact:	Customer Service
Cree Contact E-Mail:	csledlighting@cree.com
Cree Contact Phone:	919-407-7700
Cree Contact Fax Number:	919-407-5451
Address:	4600 Silicon Dr. Durham, NC 27703