

XLamp® XHP35.2 LED Product Change Notification

Customer Name: XHP35.2 LED Customers

PCN Reference Number: PCN-06042

Date Re-Issued: March 22, 2024

This PCN is being revised to advise XHP35.2 LED customers that reels of the new performance XHP35.2 High Intensity LEDs can be identified by a '2' in the last character of the bin code. Reels of the new performance XHP35.2 High Density LEDs can be identified by a '4' in the last character of the bin code.

This PCN is to advise that Cree LED is updating the XLamp® XHP35.2 LED product with changes to performance characteristics of the product. Please review the additional PCN information below.

Affected Product

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

Table 1 Affected Product List

Cree LED XLamp Family	Cree LED Part Number
XHP35.2	XHP35B-X0-XXXX-XX0XXXXXX

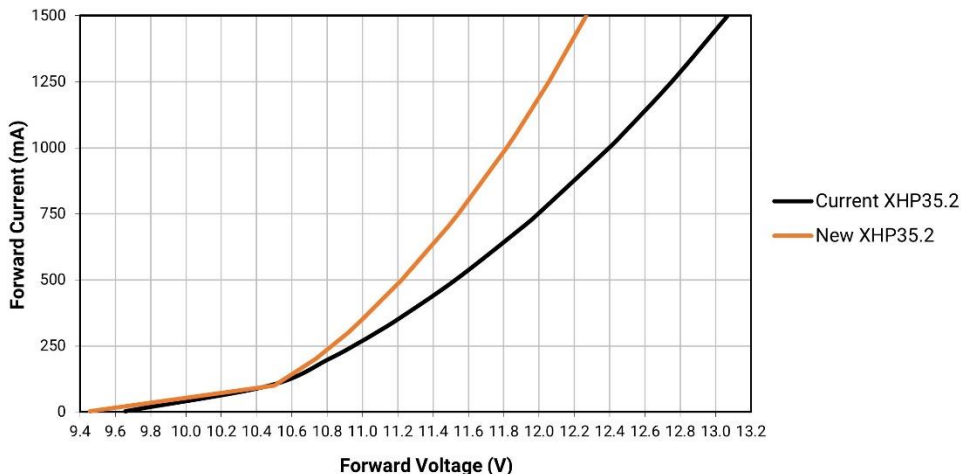
Description of the Change

Cree LED will be changing the typical forward voltage for XHP35.2. Table 2 shows the current and new values.

Table 2 LED Product Characteristics; Current Values & Estimated New Values

Characteristic	Current Typical	New Typical
Forward Voltage	11.2 V	11 V

The following graph shows the changed Forward Voltage vs. Current curves.



Reason for the Change

This change is being made to improve product performance.

Change Impact on Form, Fit, Function, or Reliability

This change has no impact on the form, fit, or reliability of these LEDs beyond the changes listed above.

Key Dates

Table 3 provides the estimated date for initial shipments of the LEDs affected by this change. Any updates to this date can be provided by the Cree LED contact listed in Table 4.

Table 3 Key PCN Estimated Dates

Estimated Initial Ship Date:	90 days from Issue Date
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Starting on the estimated shipment date in Table 3, customers may receive LEDs with the updated performance characteristics. Each reel will contain only LEDs with the current performance or only LEDs with the new performance characteristics. Reels of the new performance XHP35.2 High Density LEDs can be identified by a '4' in the last character of the bin code. Reels of the new performance XHP35.2 High Intensity LEDs can be identified by a '2' in the last character of the bin code. The bin code is clearly identified on each packaged reel.

Customers may receive shipments containing both the current and new performance LEDs in the same shipment until Cree LED's inventory of the current performance LEDs is depleted. Customers purchasing through a distributor will be further delayed seeing this change until the inventory with the current performance is depleted from distributor stock.

The XHP35.2 LED data sheet on the Cree LED website will be updated with changes described in this PCN on or before the Estimated Initial Ship Date in Table 3.

Cree LED Contact Information

If you have any questions regarding this PCN please contact:

Table 4 PCN Contact

Contact:	Cree LED Customer Service
Contact E-Mail:	CS@cree-led.com
Contact Phone:	US toll free: 1-844-273-3533 Outside the US: +1 919-313-5301
Address:	Cree LED, Inc. 4001 E Hwy 54, Suite 2000 Durham, NC 27709 USA