

XLamp® LED Product Change Notification

Customer Name: XLamp LED Customers

PCN Reference Number: PCN-06041

Date Issued: October 19, 2023

Please be advised that Cree LED is updating the below stated XLamp® LED product family data sheets. There is no change to the performance of the LEDs stated below and the changes reflected in this PCN are for notification of the updates to the ESD classification in these data sheets. Updates are estimated to be reflected on individual data sheets by the end of November, 2023.

Please review the additional PCN information below.

Affected Product

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

Table 1 Affected Products List

Cree LED Part Number (x=wildcard character)	Cree LED Part Number (x=wildcard character)
MLBAWT-xx-xxxx-xxxxxx	XPERDO-xx-xxxx-xxxxx
MLCAWT-xx-xxxx-xxxxxx	XPERED-xx-xxxx-xxxxx
MLEAMB-xx-xxxx-xxxxxx	XPEEPR-xx-xxxx-xxxxx
MLERED-xx-xxxx-xxxxxx	XPEBPA-xx-xxxx-xxxxx
MTGBEZ-xx-xxxx-xxxxxxxx	XPEBAM-xx-xxxx-xxxxx
MX3AWT-xx-xxxx-xxxxxx	XPEBRO-xx-xxxx-xxxxx
MX6AWT-xx-xxxx-xxxxxx	XPEBRD-xx-xxxx-xxxxx
XBDAMB-xx-xxxx-xxxxxxxx	XPEBPR-xx-xxxx-xxxxx
XBDRDO-xx-xxxx-xxxxxxxx	XPEBFR-xx-xxxx-xxxxx
XBDRED-xx-xxxx-xxxxxxxx	XPGEWT-xx-xxxx-xPxxxxxxxx
XPCAMB-xx-xxxx-xxxxx	XQAAWT-xx-xxxx-xxxxxxxx
XPCRDO-xx-xxxx-xxxxx	XQABLU-xx-xxxx-xxxxxxxx
XPCRED-xx-xxxx-xxxxx	XQAAPB-xx-xxxx-xxxxxxxx
XPEWHT-xx-xxxx-xxxxx	XQAGRN-xx-xxxx-xxxxxxxx
XPEBLU-xx-xxxx-xxxxx	XQAPCA-xx-xxxx-xxxxxxxx
XPEGRN-xx-xxxx-xxxxx	XQExxx-xx-xxxx-xxxxxxxx
XPEAMB-xx-xxxx-xxxxx	XREWHT-xx-xxxx-xxxxx

Description of the Change

Cree LED is upgrading the ESD classification in the data sheet for the products listed in Table 1. There has been no change to the ESD but only subjected to higher level testing. 8kV ESD tests have been performed on parts with ESD class 2 in accordance with Mil-Std-883D and can now be classified as Class 3B.

Reason for the Change

These changes are to reflect the most up to date information for products. ESD withstand voltage is HBM per Mil-Std-883D.

Change Impact on Form, Fit, Function, or Reliability

The stated changes have no impact on the form, fit, function, or reliability of these LEDs beyond those listed.

Key Dates

Table 2 provides estimated dates for key PCN Milestones based on information available at the date the PCN was issued. Any updates to these dates can be provided by the Cree LED contact listed in Table 3.

Table 2 Key PCN Estimated Dates

All Updated Datasheets Published by:	November 30, 2023
---	--------------------------

Cree LED Contact Information

If you have any questions regarding this PCN please contact:

Table 3 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 4001 E. Hwy. 54, Suite 2000 Durham, NC 27709 USA