

J Series® JE2835 Color LEDs Product Change Notification

Customer Name: JE2835 Color LED Customers

PCN Reference Number: PCN-6058

Date Issued: February 22, 2024

Please be advised that Cree LED qualified a Minor Change to the JE2835 Color LEDs which does not impact their form, fit, function, or reliability, and Cree LED 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

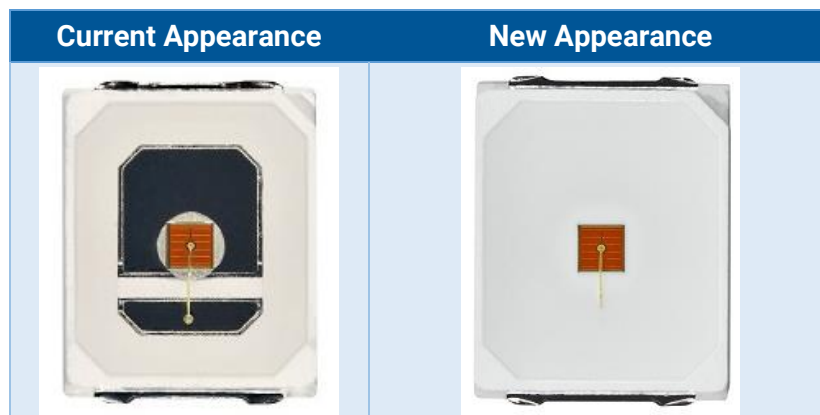
Table 1 provides a list of products affected by this change:

Table 1 Affected Products List

Product	Cree LED Part Number
JE2835 AMBER	JE2835AAM-N-0001A0000-N0000001
JE2835 RED-ORANGE	JE2835ARO-N-0001A0000-N0000001
JE2835 RED	JE2835ARD-N-0001A0000-N0000001
JE2835 PHOTO RED	JE2835AHR-N-0001A0000-N0000001
JE2835 FAR RED	JE2835AFR-N-0001A0000-N0000001

Description of Change

Cree LED will begin shipping LEDs with a different visual appearance for the affected part numbers in Table 1. Examples of the current and new visual appearances are shown in the pictures below.



Cree LED will be changing the typical flux for the affected part numbers. Table 2 shows the new and current typical flux values.

Table 2 New & Current Typical Flux Specs

Part Number	Typical Flux Specs	
	New	Current
JE2835AAM-N-0001A0000-N0000001	26.0	24.8 lm
JE2835ARO-N-0001A0000-N0000001	34.0	31.8 lm
JE2835ARD-N-0001A0000-N0000001	27.2	26.0 lm
JE2835AHR-N-0001A0000-N0000001	138	132 mW
JE2835AFR-N-0001A0000-N0000001	135	132 mW

Cree LED will be changing the minimum flux for the affected part numbers. Table 3 shows the new and current minimum flux values.

Table 3 New & Current Minimum Flux Specs

Part Number	Minimum Flux Specs	
	New	Current
JE2835ARO-N-0001A0000-N0000001	30	28
JE2835ARD-N-0001A0000-N0000001	24	22
JE2835AHR-N-0001A0000-N0000001	130	125
JE2835AFR-N-0001A0000-N0000001	130	125

Cree LED will be changing the typical forward voltage for the affected part numbers. Table 4 shows the new and current typical forward voltage values.

Table 4 New & Current Typical Forward Voltage Specs

Part Number	New	Current
	Typical Forward Voltage (V)	Typical Forward Voltage (V)
JE2835ARO-N-0001A0000-N0000001	2.25	2.2
JE2835ARD-N-0001A0000-N0000001	2.25	2.2

Reason for Change

The flux and forward voltage changes are being made to better reflect manufacturing yield.

The visual appearance change is being implemented to provide our customers with the latest technology and performance.

Change Impact on Form, Fit, Function, or Reliability

This change has no impact on the form, fit, function, or reliability of these LEDs beyond the changes listed above. We will begin shipping the affected product with the change 90 days after the PCN Issue Date.

Each reel of the affected part numbers will contain LEDs with either the current visual appearance or the new visual appearance. Current and new visual appearance of the affected part numbers will not be mixed on a reel. Customers may receive shipments containing both the current and new appearances in the same shipment until Cree LED's inventory of the current appearance LEDs is depleted. Customers purchasing through a distributor will be further delayed to see this change until the inventory with the current appearance is depleted from distributor stock.

The LEDs with the current appearance are limited to parts with the bin codes -01 as the last two characters.

No customer action is required.

Cree LED Contact Information

If you have any questions regarding this PCN please contact:

Table 5 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