

Cree® CLR6A-TKW LED Product Change Notification

Customer Name: All CLR6A-TKW customers

PCN Reference Number: CREE-PCN-1111

Date Issued: June 10, 2020

Please be advised that Cree has qualified a Major change to CLR6A-TKW LEDs and that we will begin shipping the affected product 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
CLR6A-TKW-xxxx

Description of the Change

Cree is changing the red & green chip and lead frame on CLR6A-TKW LEDs. Cree is also changing the color bins from 5700 K (2A/2B/2C/2D) and 5000 K (3A/3B/3C/3D) to 5700 K (2A/2B/2C/2D/**2R/2S/2T/2U**) and 5000 K (3A/3B/3C/3D/**3R/3S/3T/3U**).

The specification of the above product has changed. The color binning and order code information have changed.

- The current and new appearances are shown below:

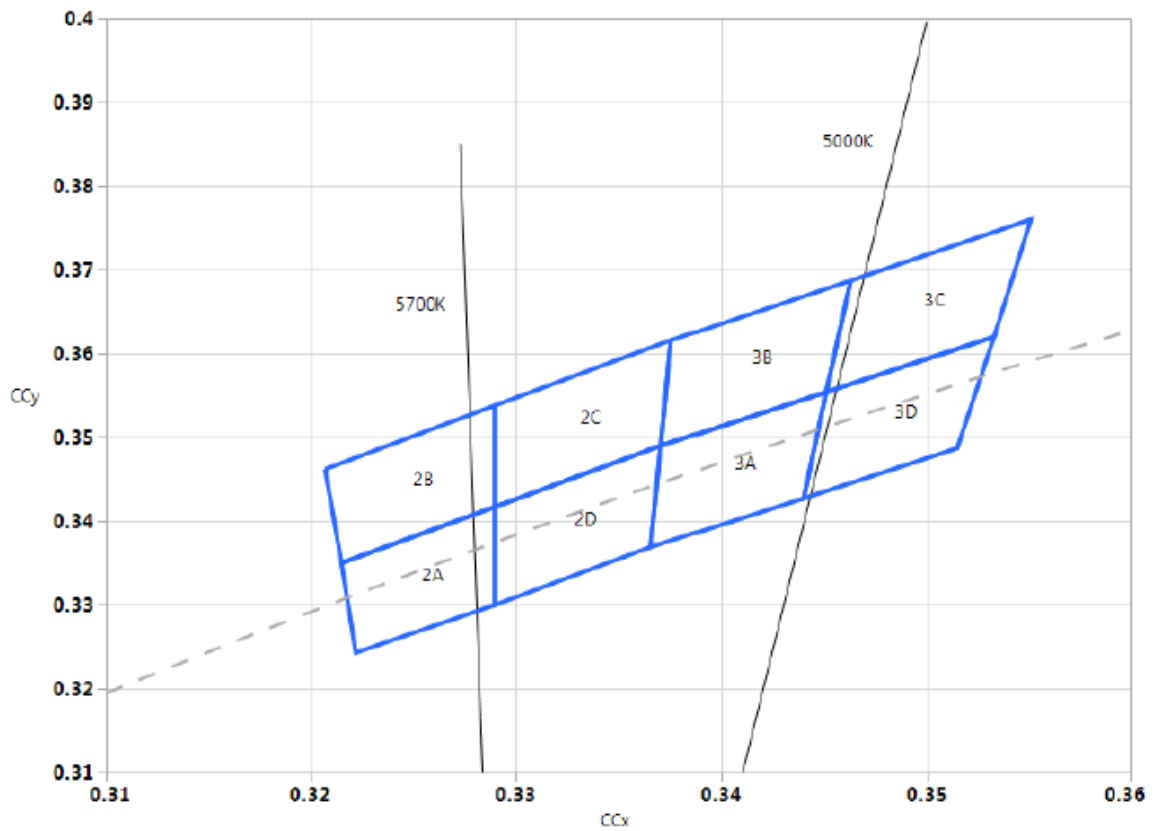
Current Appearance

New Appearance



2. The current and new CIE chromaticity diagrams are shown below:
 Current:

CIE CHROMATICITY DIAGRAM



New:

CIE CHROMATICITY DIAGRAM

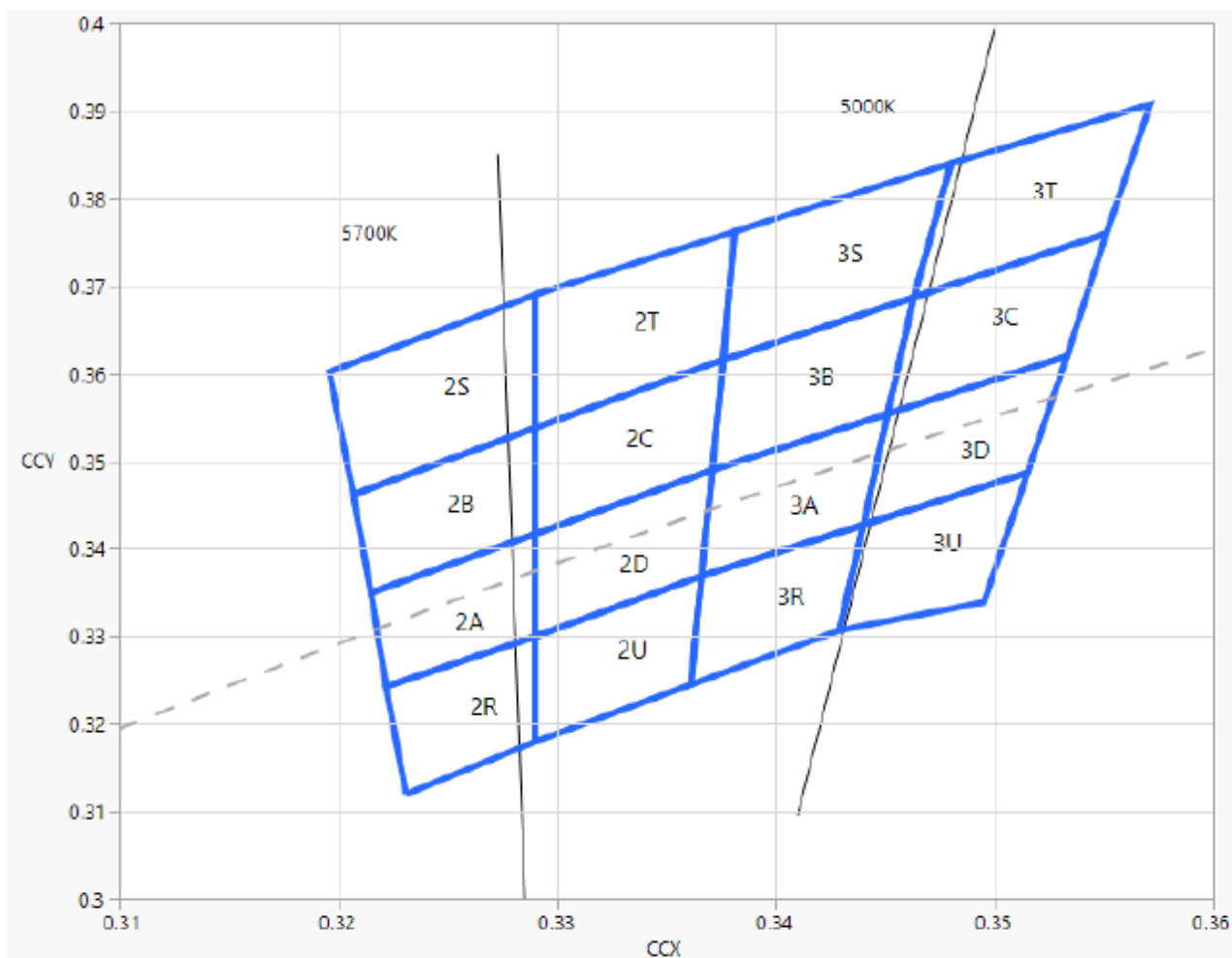


Table 2 provides a list of suitable replacement kits.

Table 2 Suitable Replacement Kit Codes

Current Cree Part Number	Current Color Zone	Suggested New Cree Part Number	New Color Zone
CLR6A-TKW-CD0F0A0E0BB7C3CE23	2A, 2B, 2C, 2D	CLR6A-TKW-SD0F0A0E0BB7C3CP23	2A, 2B, 2C, 2D 2R, 2S, 2T, 2U
CLR6A-TKW-CD0F0A0E0BB7C3CE33	3A, 3B, 3C, 3D	CLR6A-TKW-SD0F0A0E0BB7C3CP33	3A, 3B, 3C, 3D 3R, 3S, 3T, 3U
CLR6A-TKW-CD0F0A0E0BB7C3CE53	5A1, 5A2, 5A3, 5A4, 5B1, 5B2, 5B3, 5B4. 5C1, 5C2, 5C3, 5C4, 5D1, 5D2, 5D3, 5D4	CLR6A-TKW-SD0F0A0E0BB7C3CE53	No change
CLR6A-TKW-CD0F0A0E0BB7C3CE7	7A1, 7A2, 7A3, 7A4, 7B1, 7B2, 7B3, 7B4. 7C1, 7C2, 7C3, 7C4, 7D1, 7D2, 7D3, 7D4	CLR6A-TKW-SD0F0A0E0BB7C3CE73	No change

Reason for the Change

Expanding the color bins makes more LEDs available to customers and helps to ensure a ready supply of LEDs.

Change Impact on Form, Fit, Function, or Reliability

This has no impact on the form, fit, function, or reliability of CLR6A-TKW LEDs. We will begin shipping the affected product with the change 90 days after the PCN Issue Date. Customers are asked to use the new order codes to place orders. The previous order codes will be invalid.

Cree Contact Information

If you have any questions regarding this PCN please contact:

Table 4 PCN Contact

Cree Contact:	Sam Lai
Cree Contact E-Mail:	slai@cree.com