

Cree® CLV1A-FKB LED Product Change Notification

Customer Name: All customers

PCN Reference Number: PCN-LED-0452

Date Issued: 10/20/2017

Please be advised that Cree has qualified a Minor Change to CLV1A-FKB LEDs and that we will begin shipping the affected product with the change immediately after the PCN Issue Date.

Please review the additional PCN information below.

Affected Product

Table 1 provides the product series affected by this Minor change:

Table 1 Affected Products List

Cree Part Number	Customer Part Number
CLV1A-FKB-xxxxxxx	

Description of the Change

The specification of the above product series has changed. The intensity level, order codes and other ratings have changed. Please refer to the latest data sheets on www.cree.com.

The order codes are revised as follows:

Table 2 Specification Changes

Current Part Number	Current Color Bin Range	Suggested New Part Number	New Color Bin Range
CLV1A-FKB-CHMKPEHBB7a363	Red: H-M, RB; Green: K-P, G7-Ga; Blue: E-H, B3-B6	CLV1A-FKB-CkmqrNRFHBB79353	Red: km-qr, RB; Green: N-R, G7-G9; Blue: F-H, B3-B5
CLV1A-FKB-CHMKPEHBB7a463	Red: H-M, RB; Green: K-P, G7-Ga; Blue: E-H, B4-B6		
CLV1A-FKB-CH1K1E1BB7D3C3	Red: Any 1 Intensity bin from H(355) - K(710); RB Green: Any 1 Intensity bin from K(560) - N(1120); Any 1 hue bin from G7(520) - Ga(540) Blue: Any 1 Intensity bin from E(180) - G(355); Any 1 hue bin from B3(460) – B6(480)	CLV1A-FKB-Ckm1P1F1BB7C3C3	Red: Any 1 Intensity bin from km(505) - qr(1010); RB Green: Any 1 Intensity bin from P(1120)-R(2240); Any 1 hue bin from G7(520) – G9(535) Blue: Any 1 Intensity bin from F(224)-H(450); Any 1 hue bin from B3(460) - B5(475)

<p>CLV1A-FKB-CH1K1E1BB7D4C3</p>	<p>Red: Any 1 Intensity bin from H(355) - K(710); RB Green: Any 1 Intensity bin from K(560) - N(1120); Any 1 hue bin from G7(520) - Ga(540) Blue: Any 1 Intensity bin from E(180) - G(355); Any 1 hue bin from B4(465) – B6(480)</p>		
<p>CLV1A-FKB-CH1K1E1BB7R3S3</p>	<p>Red: Any 1 Intensity bin from H(355) - K(710); RB Green: Any 1 Intensity bin from K(560) - N(1120); Any 1 hue bin from G7(520) - Ga(540) Blue: Any 1 Intensity bin from E(180) - G(355); Any 1 hue bin from B3(460) – B6(480)</p>		
<p>CLV1A-FKB-CH1K1E1BB7R4S3</p>	<p>Red: Any 1 Intensity bin from H(355) - K(710); RB Green: Any 1 Intensity bin from K(560) - N(1120); Any 1 hue bin from G7(520) - Ga(540) Blue: Any 1 Intensity bin from E(180) - G(355); Any 1 hue bin from B4(465) – B6(480)</p>		
<p>CLV1A-FKB-CJ1M1F1BB7D3C3</p>	<p>Red: Any 1 Intensity bin from J(450) - M(900);RB Green: Any 1 Intensity bin from M(710) - Q(1800); Any 1 hue bin from G7(520) - Ga(540) Blue: Any 1 Intensity bin from F(224) - H(450); Any 1 hue bin from B3(460) – B6(480)</p>	<p>CLV1A-FKB-CK1vw1de1BB7C3C3</p>	<p>Red: Any 1 Intensity bin from K(560) - qr(1010); RB Green: Any 1 Intensity bin from vw(1260) - R(2240); Any 1 hue bin from G7(520) – G9(535) Blue: Any 1 Intensity bin from de(252) - H(450); Any 1 hue bin from B3(460) - B5(475)</p>
<p>CLV1A-FKB-CJ1M1F1BB7D4C3</p>	<p>Red: Any 1 Intensity bin from J(450) - M(900);RB Green: Any 1 Intensity bin from M(710) - Q(1800); Any 1 hue bin from G7(520) - Ga(540) Blue: Any 1 Intensity bin from F(224) - H(450); Any 1 hue bin from B4(465) – B6(480)</p>		
<p>CLV1A-FKB-CJ1M1F1BB7R4S3</p>	<p>Red: Any 1 Intensity bin from J(450) - M(900);RB Green: Any 1 Intensity bin from M(710) - Q(1800); Any 1 hue bin from G7(520) - Ga(540) Blue: Any 1 Intensity bin from F(224) - H(450); Any 1 hue bin from B4(465) – B6(480)</p>		

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CLV1A-FKB-CK1N1G1BB7D4C3	Red: Any 1 Intensity bin from K(560) - M(900);RB Green: Any 1 Intensity bin from N(900) - Q(1800); Any 1 hue bin from G7(520) - Ga(540) Blue: Any 1 Intensity bin from G(280) - H(450); Any 1 hue bin from B4(465) – B6(480)		
CLV1A-FKB-CK1N1G1BB7R4S3	Red: Any 1 Intensity bin from K(560) - M(900);RB Green: Any 1 Intensity bin from N(900) - Q(1800); Any 1 hue bin from G7(520) - Ga(540) Blue: Any 1 Intensity bin from G(280) - H(450); Any 1 hue bin from B4(465) – B6(480)		
CLV1A-FKB-Mg2m2a2BB7R3R3-0ZZ	Red: Any 2 consecutive Bins from g to s; RB Green: Any 2 consecutive Bins from m to x; Any 1 hue from G7 – Ga Blue: Any 2 consecutive bins from a to j; Any 1 hue from B3 - B6	CLV1A-FKB-Ckm1P1F1BB7C3C3	Red: Any 1 Intensity bin from km(505) - qr(1010); RB Green: Any 1 Intensity bin from P(1120)-R(2240); Any 1 hue bin from G7(520) – G9(535) Blue: Any 1 Intensity bin from F(224)-H(450); Any 1 hue bin from B3(460) - B5(475)
CLV1A-FKB-Mg2m2a2BB7R3R3Z	Red: Any 2 consecutive Bins from g-n OR h-p; RB Green: Any 2 consecutive Bins from m-s OR n-t; Any 1 hue from G7 – Ga Blue: Any 2 consecutive bins from a-f OR b-g; Any 1 hue from B3 - B6		
CLV1A-FKB-Mj2p2c2BB7S3S3Z	Red: Any 2 Sub-Bins from j-q; RB Green: Any 2 Sub-Bins from p-v; Any 1 hue from G7,G8,G9 Blue: Any 2 Sub-Bins from c-k; Any 1 hue from B3 – B5		
CLV1A-FKB-Mm2r2e2BB7R45453	Red: Any 2 consecutive Bins from m-q; RB Green: Any 2 consecutive Bins from r-x; Any 1 hue from G7,G8,G9 Blue: Any 2 consecutive bins from e-j; B45		
CLV1A-FKB-CHMNPFB88553P	Red: H-M; RB Green: N-P; G8 Blue: F-J; B5		
CLV1A-FKB-CHMNPFB99443P	Red: H-M; RB Green: N-P; G9 Blue: F-J; B4	CLV1A-FKB-CkmqrNRFHBB79353	Red: km-qr, RB; Green: N-R, G7-G9; Blue: F-H, B3-B5

CLV1A-FKB-CJ1N1F1BB7D4C3-0LH	Red: Any 1 intensity bin from J to M; RB Green: Any 1 intensity bin from N to Q; Any 1 hue bin from G7(520) - Ga(540) Blue: Any 1 intensity bin from F to H; any 1 hue from B3 to B5	CLV1A-FKB-Ckm1P1F1BB7C3C3	Red: Any 1 Intensity bin from km(505) - qr(1010); RB Green: Any 1 Intensity bin from P(1120)-R(2240); Any 1 hue bin from G7(520) – G9(535) Blue: Any 1 Intensity bin from F(224)-H(450); Any 1 hue bin from B3(460) - B5(475)
CLV1A-FKB-Mj2p2c2BB7R3R3Z	Red: Any 2 Sub-Bins from j-q; RB Green: Any 2 Sub-Bins from p-v; Any 1 hue from G7 - Ga Blue: Any 2 Sub-Bins from c-k; Any 1 hue from B3 – B6	CLV1A-FKB-Ckm1P1F1BB7C3C3	Red: Any 1 Intensity bin from km(505) - qr(1010); RB Green: Any 1 Intensity bin from P(1120)-R(2240); Any 1 hue bin from G7(520) – G9(535) Blue: Any 1 Intensity bin from F(224)-H(450); Any 1 hue bin from B3(460) - B5(475)
CLV1A-FKB-Cm3w3d3BB7B23C1-0AZ	Red: Any 3 consecutive Bins from m-s; RB Green: Any 3 consecutive Bins from w-z; Any 1 hue from G7 – G67 Blue: Any 3 consecutive bins from d-k; Any 1 hue from B23 – B67		

Reason for the Change

Incremental enhancements to the CLV1A-FKB LED have resulted in improvements in the intensity level of the LED.

Change Impact on Form, Fit, Function, or Reliability

Effective immediately after the PCN Issue Date, customers are asked to please 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 3 PCN Contact

Cree Contact:	Yvonne Mak
Cree Contact E-Mail:	ymak@cree.com
Cree Contact Phone:	+852 3602 9110
Cree Contact Fax Number:	
Address:	18 Science Park Avenue Hong Kong Science Park, Shatin, New Territories, Hong Kong