

Cree® SMD Products Change Notification

Customer Name: CLV1L, CLX6E & CLY6C customers

PCN Reference Number: CREE-PCN-0582
Date Issued: 6/8/2018

Please be advised that Cree has qualified a Minor Change to CLV1L-FKB, CLX6E-FKC and CLY6C-FKC 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 Minor change:

Table 1 Affected Products List

Cree Part Number	Customer Part Number
CLV1L-FKB-xxxxxxx	
CLX6E-FKC-xxxxxxx	
CLY6C-FKC-xxxxxxx	

Description of the Change

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

The intensity bin limit of CLV1L-FKB LEDs is revised as follows:

Current:

Red:

Bin code	Min.(mcd)	Max.(mcd)
J	450	560
km	505	635
K	560	710
np	635	805
M	710	900

New:

Red:

Bin code	Min.(mcd)	Max.(mcd)
J	450	560
km	505	635
K	560	710
np	635	805
M	710	900
qr	805	1010

Blue:

Bin code	Min.(mcd)	Max.(mcd)
E	180	224
bc	202	252
F	224	280
de	252	318
G	280	355

Blue:

Bin code	Min.(mcd)	Max.(mcd)
E	180	224
bc	202	252
F	224	280
de	252	318
G	280	355
fg	318	403

The intensity bin limit of CLX6E-FKC LEDs is revised as follows:

Current:

Red:

Bin code	Min.(mcd)	Max.(mcd)
H	355	450
hj	403	505
J	450	560
km	505	635
K	560	710

New:

Red:

Bin code	Min.(mcd)	Max.(mcd)
H	355	450
hj	403	505
J	450	560
km	505	635
K	560	710
np	635	805

The intensity bin limit of CLY6C-FKC LEDs is revised as follows:

Current:

Red:

Bin code	Min.(mcd)	Max.(mcd)
H	355	450
hj	403	505
J	450	560
km	505	635
K	560	710

New:

Red:

Bin code	Min.(mcd)	Max.(mcd)
H	355	450
hj	403	505
J	450	560
km	505	635
K	560	710
np	635	805

The order code information is revised as follows:

Current Part Number	Current Color Bin Range	New Part Number	New Color Bin Range
CLV1L-FKB-CJMNQEGBB7673673	R: J,km,K,np,M G: N,st,P,vw,Q B: E,bc,F,de,G	CLV1L-FKB-CJqrNQEfGBB79353	R: J,km,K,np,M, qr G: N,st,P,vw,Q B: E,bc,F,de,G,fg
CLV1L-FKB-CJ1N1E1BB7B3B3	R: Any 1 intensity bin from J(450)-M(900) G: Any 1 intensity bin from N(900)-Q(1800) B: Any 1 intensity bin from E(180)-G(355)	No change	R: Any 1 intensity bin from J(450)- qr(1010) G: Any 1 intensity bin from N(900)-Q(1800) B: Any 1 intensity bin from E(180)- fg(403)

Current Part Number	Current Color Bin Range	New Part Number	New Color Bin Range
CLX6E-FKC-CHKMPDGBB79363	R: H,hj,J,km,K G: M,qr,N,st,P B: D,9a,E,bc,F,de,G	CLX6E-FKC-CHnpMPDGBB79363	R: H,hj,J,km,K, np G: M,qr,N,st,P B: D,9a,E,bc,F,de,G
CLX6E-FKC-CH1M1D1BB7C3D3	R: Any 1 Intensity bin from H(355) - K(710) G: Any 1 Intensity bin from M(710) - P(1400) B: Any 1 Intensity bin from D(140) - G(355)	No change	R: Any 1 Intensity bin from H(355) - np(805) G: Any 1 Intensity bin from M(710) - P(1400) B: Any 1 Intensity bin from D(140) - G(355)

Current Part Number	Current Color Bin Range	New Part Number	New Color Bin Range
CLY6C-FKC-CHKMPDGBB7a363	R: H,hj,J,km,K G: M,qr,N,st,P B: D,9a,E,bc,F,de,G	CLY6C-FKC-CHnpMPDGBB7a363	R: H,hj,J,km,K, np G: M,qr,N,st,P B: D,9a,E,bc,F,de,G
CLY6C-FKC-CH1M1D1BB7D3D3	R: Any 1 Intensity bin from H(355) - K(710) G: Any 1 Intensity bin from M(710) - P(1400) B: Any 1 Intensity bin from D(140) - G(355)	No change	R: Any 1 Intensity bin from H(355) - np(805) G: Any 1 Intensity bin from M(710) - P(1400) B: Any 1 Intensity bin from D(140) - G(355)
CLY6C-FKC-Chj1qr1E1BB7D3D3	R: Any 1 Intensity bin from hj(403) - K(710) G: Any 1 Intensity bin from qr(805) - P(1400) B: Any 1 Intensity bin from E(180) - G(355)	No change	R: Any 1 Intensity bin from hj(403) - np(805) G: Any 1 Intensity bin from qr(805) - P(1400) B: Any 1 Intensity bin from E(180) - G(355)

Reason for the Change

Incremental enhancements to the CLV1L-FKB, CLX6E-FKC and CLY6C-FKC LEDs have resulted in improvements in the intensity level of the LEDs.

Change Impact on Form, Fit, Function, or Reliability

We will begin shipping the affected product with the change 90 days 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 2 PCN Contact

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