

Brighter Green Color Intensity Bin Added for Cree® CLV1A-FKB Full-Color LEDs

PCN-CM066

Announcement Date: May 15, 2015

Implementation Date: Immediately

This notification applies to the following Cree order code series:

CLV1A-FKB-CJ1M1F1BB7D3C3

CLV1A-FKB-CJ1M1F1BB7D4C3

CLV1A-FKB-CK1N1G1BB7D4C3

No customer action is required.

CHANGE DESCRIPTION

Cree will begin shipment of CLV1A full-color SMD LEDs which will contain a higher intensity bin (vw, Q) of green color. Please refer to the product data sheets for the brighter bins (vw, Q) added. Excerpts are shown below.

INTENSITY BIN LIMIT ($I_F = 20 \text{ mA}$)

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
M	710	900

Green

Bin Code	Min.(mcd)	Max.(mcd)
K	560	710
np	635	805
M	710	900
qr	805	1010
N	900	1120
st	1010	1260
P	1120	1400
vw	1260	1600
Q	1400	1800

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
H	355	450
hj	403	505

CLV1A-FKB-CJ1M1F1BB7D3C3	Red	Any 1 Intensity bin from J(450) - M(900)	RB	619	RB	624	Reel
	Green	Any 1 Intensity bin from M(710) - Q(1800)	Any 1 hue bin from G7(520) - Ga(540)		Reel		
	Blue	Any 1 Intensity bin from F(224) - H(450)	Any 1 hue bin from B3(460) - B5(475)		Reel		
CLV1A-FKB-CJ1M1F1BB7D4C3	Red	Any 1 Intensity bin from J(450) - M(900)	RB	619	RB	624	Reel
	Green	Any 1 Intensity bin from M(710) - Q(1800)	Any 1 hue bin from G7(520) - Ga(540)		Reel		
	Blue	Any 1 Intensity bin from F(224) - H(450)	Any 1 hue bin from B4(465) - B6(480)		Reel		
CLV1A-FKB-CK1N1G1BB7D4C3	Red	Any 1 Intensity bin from K(560) - M(900)	RB	619	RB	624	Reel
	Green	Any 1 Intensity bin from N(900) - Q(1800)	Any 1 hue bin from G7(520) - Ga(540)		Reel		
	Blue	Any 1 Intensity bin from G(280) - H(450)	Any 1 hue bin from B4(465) - B6(480)		Reel		

IMPACT OF CHANGE

Effective immediately, customers may begin receiving shipments of CLV1A LEDs having a brighter green color. This product change does not affect the CLV1A order codes.

No customer action is required.