

Cree® CLM1B/CLM4B Green and Blue LED Product Change Notification

Customer Name: CLM1B/CLM4B Green and Blue
LED customers

PCN Reference Number: PCN-LED-0445
Date Issued: 8/23/2017

Please be advised that Cree has qualified a Minor Change to CLM1B/CLM4B Green and Blue LEDs and Cree will begin shipping the changed products 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
CLM1B-BKW-xxxxxxx	
CLM1B-GKW-xxxxxxx	
CLM4B-BKW-xxxxxxx	
CLM4B-GKW-xxxxxxx	
CLM4B-BKB-xxxxxxx	
CLM4B-GKB-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
CLM1B-BKW-CTaUb363	Ta,Tb,Ua,Ub (280-710mcd)	CLM1B-BKW-CTbVa353	Tb,Ua,Ub,Va (355-900mcd)
CLM1B-BKW-CTbUb453	Tb,Ua,Ub (355-710mcd)	CLM1B-BKW-CUaVa453	Ua,Ub,Va (450-900mcd)
CLM1B-BKW-CTaUb453	Ta,Tb,Ua,Ub (280-710mcd)	CLM1B-BKW-CUaVa453	Ua,Ub,Va (450-900mcd)
CLM1B-BKW-CTbUa453	Tb,Ua (355-560mcd)	CLM1B-BKW-CUaVa453	Ua,Ub,Va (450-900mcd)
CLM1B-BKW-FTaUb363	Ta,Tb,Ua,Ub (280-710mcd)	CLM1B-BKW-CTbVa353	Tb,Ua,Ub,Va (355-900mcd)
CLM1B-BKW-FTbUb453	Tb,Ua,Ub (355-710mcd)	CLM1B-BKW-CUaVa453	Ua,Ub,Va (450-900mcd)

Current Part Number	Current Color Bin Range	Suggested New Part Number	New Color Bin Range
CLM1B-BKW-CTaUa343-00M	Ta,Tb,Ua (280-560mcd)	CLM1B-BKW-CTbVa353	Tb,Ua,Ub,Va (355-900mcd)
CLM1B-GKW-CVaXa7a3	Va,Vb,Wa,Wb,Xa (710-2240mcd)	CLM1B-GKW-CXaYa7a3	Xa,Xb,Ya (1800-3550mcd)
CLM1B-GKW-CVbXa793	Vb,Wa,Wb,Xa (900-2240mcd)	CLM1B-GKW-CXbYa793	Xb,Ya (2240-3550mcd)
CLM1B-GKW-CWaXa793	Wa,Wb,Xa (1120-2240mcd)	CLM1B-GKW-CXbYa793	Xb,Ya (2240-3550mcd)
CLM1B-GKW-CWaXa893	Wa,Wb,Xa (1120-2240mcd)	CLM1B-GKW-CXbYa793	Xb,Ya (2240-3550mcd)
CLM1B-GKW-FVaXa7a3	Vb,Wa,Wb,Xa (900-2240mcd)	CLM1B-GKW-FXaYa7a3	Xa,Xb,Ya (1800-3550mcd)
CLM1B-GKW-CWaWb783-0LW	Wa,Wb (1120-1800mcd)	CLM1B-GKW-CXaYa7a3	Xa,Xb,Ya (1800-3550mcd)
CLM4B-BKW-CTbVa363	Tb,Ua,Ub,Va (355-900mcd)	CLM4B-BKW-CUaVa353	Ua,Ub,Va (450-900mcd)
CLM4B-BKW-CUaVa453	Ua,Ub,Va (450-900mcd)	CLM4B-BKW-CUbVa453	Ub,Va (560-900mcd)
CLM4B-BKW-CUaUb453	Ua,Ub (450-710mcd)	CLM4B-BKW-CUbVa453	Ub,Va (560-900mcd)
CLM4B-BKW-FTbVa363	Tb,Ua,Ub,Va (355-900mcd)	CLM4B-BKW-CUaVa353	Ua,Ub,Va (450-900mcd)
CLM4B-GKW-CWbYa693	Wb,Xa,Xb,Ya (1400-3550mcd)	CLM4B-GKW-CXbYb793	Xb,Ya,Yb (2240-4500mcd)
CLM4B-GKW-CXaYa793	Xa,Xb,Ya (1800-3550mcd)	CLM4B-GKW-CYaYb793	Ya,Yb (2800-4500mcd)
CLM4B-GKW-CWbXa783	Wb,Xa (1400-2240mcd)	CLM4B-GKW-CXbYb793	Xb,Ya,Yb (2240-4500mcd)
CLM4B-GKW-CXaXb793	Xa,Xb (1800-2800mcd)	CLM4B-GKW-CYaYb793	Ya,Yb (2800-4500mcd)
CLM4B-GKW-FWbYa693	Wb,Xa,Xb,Ya (1400-3550mcd)	CLM4B-GKW-CXbYb793	Xb,Ya,Yb (2240-4500mcd)
CLM4B-GKW-CXaXa793-0DK	Xa (1800-2240mcd)	CLM4B-GKW-CXbYb793	Xb,Ya,Yb (2240-4500mcd)
CLM4B-GKW-CXbXb793-0DK	Xb (2240-2800mcd)	CLM4B-GKW-CXbYb793	Xb,Ya,Yb (2240-4500mcd)
CLM4B-GKW-VXaYa793-0TX	Xa,Xb,Ya (1800-3550mcd)	CLM4B-GKW-VXbYb793-0TX	Xb,Ya,Yb (2240-4500mcd)
CLM4B-GKW-CXaYa783-0UA	Xa,Xb,Ya (1800-3550mcd)	CLM4B-GKW-CXbYb783-0UA	Xb,Ya,Yb (2240-4500mcd)
CLM4B-BKB-CTbVa363	Tb,Ua,Ub,Va (355-900mcd)	CLM4B-BKB-CUaVa353	Ua,Ub,Va (450-900mcd)
CLM4B-BKB-CUaVa453	Ua,Ub,Va (450-900mcd)	CLM4B-BKB-CUbVa453	Ub,Va (560-900mcd)
CLM4B-GKB-CWaXb693	Wa,Wb,Xa,Xb (1120-2800mcd)	CLM4B-GKB-CXbYb793	Xb,Ya,Yb (2240-4500mcd)
CLM4B-GKB-CWbXb793	Wb,Xa,Xb (1400-2800mcd)	CLM4B-GKB-CYaYb793	Ya,Yb (2800-4500mcd)
CLM4B-GKB-FWbYa693-0MT	Wb,Xa,Ya (1400-3550mcd)	CLM4B-GKB-CXbYb793	Xb,Ya,Yb (2240-4500mcd)

Reason for the Change

Incremental enhancements to the CLM1B/CLM4B Green & Blue LEDs have resulted in improvements in the intensity level of the LEDs.

Change Impact on Form, Fit, Function, or Reliability

Effective immediately after the PCN Issue date, customers are requested 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 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