

Customer Notification

CLD-CN03.000

Clarification on Last 2 Characters of XLamp XR-C & XR-E Bin Code

Date: June 20, 2008

This notification applies to the bin codes associated with the following Cree XLamp order codes:

XRCXXX-XX-XXXX-XXXXX

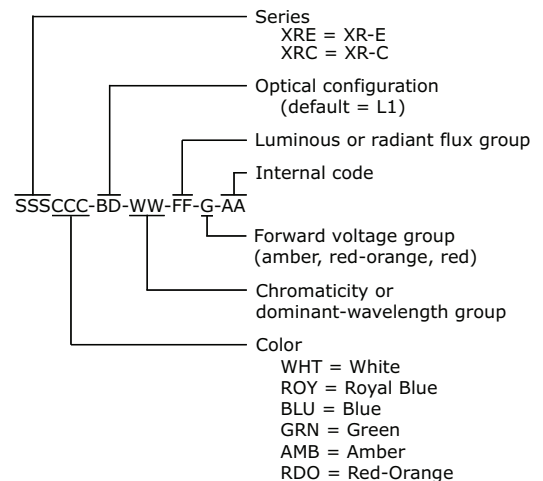
XREXXX-XX-XXXX-XXXXX

No customer action is required.

Description

As described in the XLamp XR-C & XR-E Binning & Labeling document, Cree sorts XLamp LEDs into bins based on product performance characteristics, such as chromaticity and flux. XLamp LEDs are sold on reels and each reel contains only LEDs from one bin. Every reel of XLamp LEDs is marked with a bin code that defines the performance groups for every LED on that reel.

Cree has updated the description of the XLamp XR-C & XR-E bin code to make the structure of the bin code clearer. The new description of the bin code is available in the current XLamp XR-C & XR-E Binning & Labeling document on Cree's website and is shown to the right.



Notes on Last 2 Characters of XLamp XR-C & XR-E Bin Code

1. The last 2 characters of the XLamp XR-C & XR-E bin code have always been reserved for internal use. There has been no change to the bin code structure.
2. The last 2 characters of the XLamp XR-C & XR-E bin code were previously labeled as "Special code" in the XLamp XR-C & XR-E Binning & Labeling document. The label has been changed to "Internal code" to make the use of this field clearer.
3. Cree has historically only been using "01" for the last 2 characters of the XLamp XR-C & XR-E bin code. In addition, the "01" value was listed as the default value in previous versions of the XLamp XR-C & XR-E Binning & Labeling document. The default value of "01" has been removed.

This document is clarification that Cree may put any 2 characters at the end of the XLamp XR-C & XR-E bin code in this Internal code field. The value of these 2 characters has no impact on the binning of the LEDs in the reel. The product series, color and performance group bins (defined by the "SSCCC-BD-WW-FF-G" fields shown in the bin code description above) completely describe the attributes of the LEDs on the reel.