

# Product Change Notification

## CLD-PC07

### Change in Luminous Flux Bins for XLamp XR-C Amber, Red-Orange & Red LEDs

**Announced: December 4, 2008**

**Effective: December 15, 2008**

This notification applies to the following Cree XLamp order codes:

XRCAMB-xx-xxxx-xxxxx

XRCRDO-xx-xxxx-xxxxx

XRCRED-xx-xxxx-xxxxx

XR7090AM-xx-xxxx

XR7090RO-xx-xxxx

XR7090RD-xx-xxxx

## Description

Cree is changing the luminous flux bins used for XLamp XR-C Amber, Red-Orange and Red LEDs to provide more detailed luminous flux information. The new luminous flux bins for these LEDs is shown below:

Group	Min. Luminous Flux @ 350 mA (lm)	Max. Luminous Flux @ 350 mA (lm)
G	13.9	18.1
H	18.1	23.5
J	23.5	30.6
K	30.6	39.8
M	39.8	51.7
N	51.7	67.2
P	67.2	87.4
Q	87.4	114

**Previous Luminous Flux Bins**

Group	Min. Luminous Flux @ 350 mA (lm)	Max. Luminous Flux @ 350 mA (lm)
J	23.5	30.6
K2	30.6	35.2
K3	35.2	39.8
M2	39.8	45.7
M3	45.7	51.7
N2	51.7	56.8
N3	56.8	62.0
N4	62.0	67.2

**New Luminous Flux Bins**

No customer action is required.

## Impact of Change

Beginning December 15, 2008, Cree will begin sorting XLamp XR-C Amber, Red-Orange and Red LEDs with the new luminous flux binning structure. Customers will be able to identify the new luminous flux bins via the bin code labels that are placed on the reel and packaging materials. For more information on XLamp XR-C bin codes, please see the XLamp XR-E & XR-C Binning & Labeling document.

Please note that there is no change to existing inventory at Cree or at Cree's distributors, so customers may not see the new luminous flux bins for the affected product for a period of time.

There are no changes to XLamp XR-C Amber, Red-Orange and Red order codes. Cree will not offer a different selection of order codes due to this change.

## Note to Customers Using XR7090xx Order Codes

As previously notified in Cree customer notification CN-02 (May 7, 2008), Cree is shipping XLamp XR-C Amber, Red-Orange and Red bin codes against XLamp 7090 XR Amber, Red-Orange and Red order codes for existing customers. Since this change applies to the XR-C bin codes, it will also affect those customers still using the XR7090xx order codes.