

Product Change Notification

PCN-CM017

Subject: Change to Carrier Tape of XLamp® XP Family LEDs

Announcement Date: July 28, 2011

Implementation Date: June 10, 2011

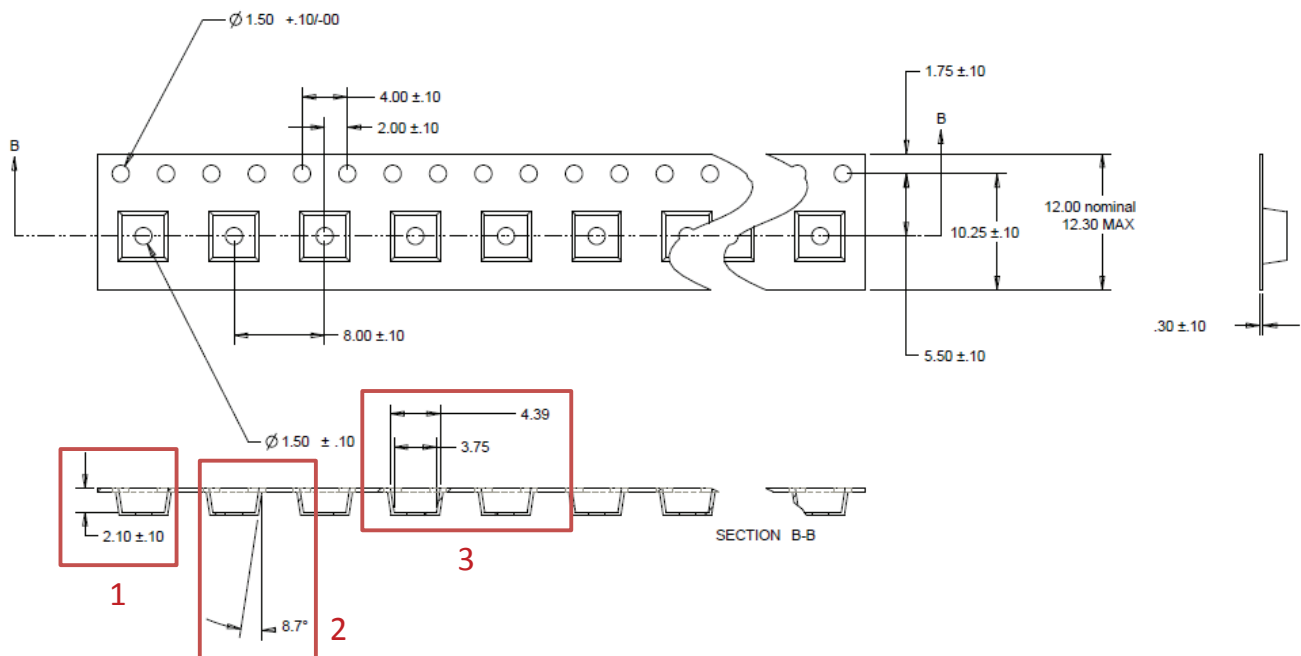
This notification applies to the following Cree order codes:

XPXXXX-XX-XXXX-XXXXX

No customer action is required.

Change Description

Cree began production of XLamp XP Family LEDs using a new carrier tape on June 10, 2011. This new carrier tape provides improvements in the presentation of the LED within the carrier tape in order to minimize shifted or tilted LEDs. The placement of the LEDs within the tape has not changed. The new drawing as well as the changes are described in the diagram below.



Change	Old Value	New Value	Reason for Change
1. Overall tape height change	2.5 ±0.1 mm	2.1 ±0.1 mm	Prevent LED tilt within pocket
2. Change in sidewall design	Stepped sidewall	Straight sidewall at 8.7°	Prevent LED tilt within pocket
3. Smaller pocket bottom	3.85 ±0.1 mm square	3.75 ±0.1 mm square	Minimize LED shift within pocket

Impact of Change

Beginning June 10, 2011, Cree switched production of XLamp XP Family LEDs to the new carrier tape. Due to production and distributor stock, customers may not receive the new carrier tape for a while. For the same reason, customers may receive shipments containing reels that use both new and old carrier tape. Based on Cree testing, no change to existing XLamp XP pick and place tools or settings will be required with the new carrier tape.