



Product Change Notification  
End of Life Notification

Date: September 19, 2014

Objective: CBT-90-R-C11 Product Change and End-of-Life Notification

Dear Valued Luminus Customer:

This letter includes important changes affecting the products listed in this letter that your company has purchased in the past 18 months according to our records.

As part of the externalization of Luminus LED chip manufacturing to its parent company, Sanan Optoelectronics, we are implementing some performance upgrades to the CBT-90-R product line that result in important functional changes that may not be fully backward compatible with the current version. The CBT-90-R is discontinued effective immediately and replaced by the CBT-90-RX family and cross-reference of part numbers is provided later in this document. In addition, a table summarizing the change in manufacturing location is included in this letter.

This change is effective immediately and due to limited inventory position, Luminus is not able to offer a last-time-buy opportunity for the discontinued part numbers. Luminus apologizes for the inconvenience this transition may cause and is committed to work with your team to allocate last material and help with this transition.

The suggested replacement parts implements a new reversed polarity red chip process that offers better optical power output and adopts a package that is mechanically compatible with the CBT-90-R device it replaces but with a reduced thermal resistance for improved thermal management. Please contact Luminus Technical Support with any questions regarding incorporation of this new product into your existing designs ([techsupport@luminus.com](mailto:techsupport@luminus.com)).

The affected products are listed on the table below:

Discontinued Part Numbers	Suggested Replacement Part Numbers
CBT-90-R-C11-HK100	CBT-90-RX-L15-HM100
CBT-90-R-C11-HK101	CBT-90-RX-L15-HM101
CBT-90-R-C11-HK102	Contact Luminus
CBT-90-R-C11-HM100	CBT-90-RX-L15-HM100
CBT-90-R-C11-HM102	Contact Luminus

**Manufacturing Location**

Component	CBT-90-R-C11-xxxxx	CBT-90-R-L15-xxxxx
LED Chip Mfg. Location	Luminus - MA	Tianjin, China
Package Assembly Location	Luminus - MA	Taiwan or Philippines
Die Attach Method	Standard Rth	Low Rth

Please contact your local sales representative or Luminus Customer Service ([cs@luminus.com](mailto:cs@luminus.com)) if you have questions regarding this product notification.