



**PRODUCT CHANGE NOTIFICATION**

**Date:** 09/14/2018

**Description of the change:** CBM-40, CBT-120 and CBM-120-UV Gen 3 End of Life

Dear Customer:

As Luminus continues to rationalize its product lines, we are discontinuing some products that your company has purchased in the past 18 months according to our records. This letter provides the details for the end of life and suggested closest replacements. Gen 3-UV products (CBM-40, CBM-120 and CBT-120) will be discontinued and will be replaced by our latest generation (Gen 4) UV products.

The affected products are listed on the table below:

Ordering Part Numbers Affected*	Closest Suggested Replacement
CBM-40-UV-C32	CBM-40-UV-X32
CBT-120-UV-C31	CBM-120-UV-X31
CBM-120-UV-C31	

\*See appendix 1 for specific ordering part numbers affected.

\*See appendix 2 for difference between discontinued part number and replacements.

Luminus is offering customers a last-time-buy opportunity for the above products (affected ordering part numbers). Last-time buy purchase orders will be accepted until **Oct 31, 2018**. Last -time- buy product shipments will take place by **December 31, 2018**.

Thank you for using Luminus LED products and 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.



## Appendix 1: Ordering Part Numbers Affected

### CBM-40-UV-C32

CBM-40-UV-C32-BC365-21 CBM-40-UV-C32-BC365-22 CBM-40-UV-C32-DA385-21	CBM-40-UV-C32-DA390-21 CBM-40-UV-C32-DA385-22 CBM-40-UV-C32-CC385-22	
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### CBT-120-UV-C31

CBT-120-UV-C31-N400-22 CBT-120-UV-C31-P400-22 CBT-120-UV-C31-Q400-22		
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### CBM-120-UV-C31

CBM-120-UV-C31-H365-21 CBM-120-UV-C31-H365-22 CBM-120-UV-C31-K380-21 CBM-120-UV-C31-K385-21 CBM-120-UV-C31-K380-22 CBM-120-UV-C31-L380-21 CBM-120-UV-C31-L385-21	CBM-120-UV-C31-L380-22 CBM-120-UV-C31-K390-21 CBM-120-UV-C31-K395-21 CBM-120-UV-C31-K390-22 CBM-120-UV-C31-L390-21 CBM-120-UV-C31-L395-21 CBM-120-UV-C31-L390-22	CBM-120-UV-C31-K400-21 CBM-120-UV-C31-K405-21 CBM-120-UV-C31-K400-22 CBM-120-UV-C31-L400-21 CBM-120-UV-C31-L405-21 CBM-120-UV-C31-L400-22
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## Appendix 2: Differences between discontinued part numbers and their replacements

The discontinued parts and their replacements are largely compatible with each other but differences are present that may impact a customer system.

### *Mechanical:*

- The discontinued parts and their replacements use a very similar same package, connector, and most mechanical dimensioning. Minor differences may exist that reflect adjustments related to improvement in some processes.
- Cosmetic differences in package may exist due to upgraded version of components. These will not affect backwards mechanical compatibility
- Please refer to product datasheets for details

### *Thermal performance:*

- Gen 4 UV products (CBM-40-UV-X32, CBM-120-X31) offer a reduced thermal resistance compared to Gen 3 UV products resulting in easier thermal design and longer planned lifetime under equivalent cooling system. Please refer to appropriate product datasheets for details.

### *Test Conditions*

- Gen 4 UV products (CBM-40-UV-X32, CBM-120-X31) are specified at a heat sink temperature of 25° C and at single pulse while Gen 3 UV products (CBM-40-C32, CBT/CBM-120-UV-C31) are specified at 40° C heat-sink and at 720 Hz, 25% duty cycle. The test current remains the same: 3A for CBM-40 and 9 A for CBM-120.

### *Optical and Electrical*

- Due to different die technologies, there are performance and electrical considerations that may impact a system design.
- Polarity: Gen 3 LEDs (CBM-40-UV-C32 and CBT/CBM-120-UV-C31) have a common anode (+) PCB polarity. Due to the implementation of new improved technology Gen 4 UV chips, CBM-40-UV-X32 and CBM-120-UV-X31 have a common cathode (-) PCB polarity. System electrical diagram should be carefully reviewed for implications of this change and possible adjustments.

**Customers are encouraged to review closely the product datasheets to determine if any parameters affect their current designs and to contact LDI for assistance in the transition.**