



Product Change Notification 1468: FLEX CC Tape Backing and LED

DATE PREPARED

6/19/2019

DESCRIPTION

LUXTECH is changing the 3M tape backing on the FLEX CC product line from the 200MP family to the 300LSE family. The particular part number used will be 9472LE.

This change is being made to support adhesion to low surface energy materials such as some powder coatings.

LUXTECH is also changing the LED on board from a Samsung-manufactured part to a Cree-manufactured part. This change is being made to improve performance and uniformity.

The new product will have the part numbers FX-CC-10-C-XXK-YYCRI-5 for the 5m reels. Please order to these part numbers.

PERFORMANCE CHANGES

The product will retain relative adhesion on metals and high surface energy plastics and will gain much higher relative adhesion on low surface energy plastics including:

- PVA
- Polystyrene
- Acetal
- EVA
- Polyethylene
- Powder coatings
- And more



Thermal transfer from the LED module to the heat sink through the tape will be equivalent.

The product will now have a max current of 60 mA/segment, increased from 45 mA/segment.

LM80 lifetime will increase from L70 = 49,000 hrs at 85 degC, 40mA (Samsung) to L70 > 72,000 hrs at 105 degC, 60mA (Cree).

The product will also have a max flux of 240 lm/segment, up from 170 lm/segment. Flux and voltage at lower currents will increase according to the table below:

Current (mA)	Cree: Samsung Voltage	Cree: Samsung Flux	Cree: Samsung Efficacy
15	102%	102%	101%
35	102%	107%	105%
45	101%	108%	107%
60	Samsung does not reach this current	Samsung does not reach this current	Samsung does not reach this current

Color and dimming uniformity will also improve.

Please see the LUXTECH datasheets for more detailed specifications.

E F F E C T I V E D A T E

All changes will be fully implemented by 9/1/2019. After this date, all product stocked by LUXTECH will no longer feature the 200MP tape and will only ship with the 300LSE tape; and will no longer feature Samsung LEDs and will only ship with Cree parts.

F A Q S

- Can I still order the previous version of the product?



- Yes! However, the previous version of the product will have increased lead times and will not be held in stock.
- Will my pricing change?
 - LUXTECH will honor your current pricing!
- Can I mix the new product with the old product?
 - No. It is not recommended to mix different versions of any products.
- I have more questions. Who should I contact about this?
 - Please don't hesitate to reach out to your LUXTECH account manager for more information!