



# Immediate Product Change Notification

March 26, 2019

**Immediate Product Change Notification #: 2019004E**  
**Subject: Lumileds announces product change for LUXEON V2**

## Overview

Lumileds is notifying customers of a change that is necessary for some of its products. Lumileds recommends immediate acceptance of this change. The details of the change and supporting documentation are attached below.

<b>Description of Change(s):</b>	Lumileds has adjusted the maximum drive current rating on LUXEON V2
<b>Customer Impact and Recommended Actions:</b>	Review the datasheet adjustments
<b>Products affected:</b>	LUXEON V2
<b>Reference Documents/Attachments:</b>	Attachment A: Affected Part Numbers Attachment B: Change Overview
<b>Reason for change(s):</b>	In Lumileds continuous pursuit to deliver the highest quality standard of product to the market we have decided to adjust the maximum drive current of the product. The LUXEON V2 datasheet has been updated to reflect this adjustment.
<b>Anticipated (positive and negative) impact on form, fit, function or reliability:</b>	N/A
<b>Customer part number(s), if applicable:</b>	See Attachment A for affected Lumileds part numbers See Attachment B for description of change
<b>Date when qualification samples are available, if applicable:</b>	Samples are available now, upon request
<b>Date when final qualification data are available, if applicable:</b>	Final qualification data available now, upon request
<b>Anticipated date when shipments of the changed product can commence:</b>	<b>As soon as possible</b>
<b>Last Date, if applicable, of manufacture of the unchanged product, if applicable:</b>	N/A

## Next Steps

As a next step, please provide acknowledgement of receipt of this PCN and provide feedback along with any additional requests to your Lumileds Account Manager or Quality Manager immediately.

## Contact:

If you have any questions, or need any further assistance, please contact your Lumileds sales representative.

# Attachments

## Attachment A: Affected part numbers

Product	Sale PN
LUXEON V2	L1V2-3070000000000
	L1V2-4070000000000
	L1V2-5070000000000
	L1V2-5770000000000
	L1V2-6570000000000

# Attachment B: Change Overview

## Previous Absolute Maximum Ratings Table

**Table 4. Absolute maximum ratings for LUXEON V2.**

PARAMETER	MAXIMUM PERFORMANCE	
DC Forward Current <sup>(1), (2)</sup>	2000mA	2400mA
Peak Pulsed Forward Current <sup>(1), (3)</sup>	2500mA	2500mA
LED Junction Temperature <sup>(1)</sup> (DC & Pulse)	135°C	120°C
ESD Sensitivity (ANSI/ESDA/JEDEC JS-001-2012)	Class 3B	
Operating Case Temperature <sup>(1)</sup>	-40°C to 135°C	
LED Storage Temperature	-40°C to 135°C	
Soldering Temperature	JEDEC 020c 260°C	
Allowable Reflow Cycles	3	
Reverse Voltage <sup>(4)</sup> (V <sub>reverse</sub> )	LUXEON LEDs are not designed to be driven in reverse bias	

## Revised Absolute Maximum Ratings Table

**Table 4. Absolute maximum ratings for LUXEON V2.**

PARAMETER	MAXIMUM PERFORMANCE	
DC Forward Current <sup>(1), (2)</sup>	1050mA	1200mA
Peak Pulsed Forward Current <sup>(1), (3)</sup>	1200mA	1350mA
LED Junction Temperature <sup>(1)</sup> (DC & Pulse)	115°C	105°C
ESD Sensitivity (ANSI/ESDA/JEDEC JS-001-2012)	Class 3B	
Operating Case Temperature <sup>(1)</sup>	-40°C to 135°C	
LED Storage Temperature	-40°C to 135°C	
Soldering Temperature	JEDEC 020c 260°C	
Allowable Reflow Cycles	3	
Reverse Voltage <sup>(4)</sup> (V <sub>reverse</sub> )	LUXEON LEDs are not designed to be driven in reverse bias	