

Customer Information Note

June 30, 2026

Customer Information Note #: 20260624C

Subject: Lumileds informs customer update on maximum drive current specification to LUXEON HL1Z

Overview

Lumileds is notifying customers of a minor modification to our (product, procedure, documentation, way of working). At this time, Lumileds is ready to implement this modification. The details of the change and supporting documentation are attached below.

Description of Change(s):	LUXEON HL1Z maximum drive current specification update
Customer Impact and Recommended Actions:	LUXEON HL1Z maximum drive current will be reduced from 700 mA to 500 mA
Products affected:	LUXEON HL1Z White, HL1Z Color Line, HL1Z Fusion
Reference Documents/Attachments:	Attachment A: Affected Part Numbers Attachment B: Change Overview including timeline
Reason for change(s):	As part of our ongoing commitment to product reliability and quality, we will be implementing a change to lower the maximum drive current of the product. This adjustment is intended to further enhance product robustness and ensure consistent performance over its lifecycle.
Anticipated (positive and negative) impact on form, fit, function or reliability:	At this point in time, all other functionality, features, and operating characteristics remain unchanged, and the product continues to meet its intended application requirements.
Customer part number(s), if applicable:	See Attachment A for affected Lumileds part numbers
Last Date, if applicable, of manufacture of the unchanged product, if applicable:	N/A
Anticipated date when shipments of the changed product can commence:	N/A

Next Steps

We are currently updating the relevant documentation and will provide the revised specifications accordingly. Should your application rely on operating at the previous maximum drive current level, we recommend reviewing your design to ensure compatibility with the updated specification. Alternatively, design in products from the LUXEON Rubix for these applications.

Contact:

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

Attachments

Attachment A: Affected part numbers

LUXEON HL1Z White
L1HZ-1880100000000
L1HZ-2280100000000
L1HZ-2780100000000
L1HZ-3080100000000
L1HZ-3580100000000
L1HZ-4080100000000
L1HZ-5080100000000
L1HZ-5780100000000
L1HZ-6580100000000
L1HZ-2790100000000
L1HZ-3090100000000
L1HZ-3590100000000
L1HZ-4090100000000
L1HZ-5090100000000
L1HZ-5790100000000
L1HZ-6590100000000

LUXEON HL1Z Color Line & LUXEON HL1Z Fusion
L1HZ-PCR1000000000
L1HZ-RNG1000000000
L1HZ-PCA1000000000
L1HZ-PCG1000000000
L1HZ-GRN1000000000
L1HZ-BLU1000000000
L1HZ-RYL1000000000
L1HZ-FCR1100000000
L1HZ-FCG1100000000
L1HZ-FCB1100000000

Note: Including all variant part numbers generated from the base part numbers.

Attachment B: Change Overview

PARAMETERS	OLD MAXIMUM PERFORMANCE	NEW MAXIMUM PERFORMANCE
DC Forward Current ^[1,2]	700 mA	500 mA