



Ref. Certif. No.

US-46513-UL

IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE)

Aspect Statement of Conformity

Product

Built-in LED Package

Aspect

Photobiological Aspect


Name and address of the applicant

Lumileds (Shanghai) Management Co., Ltd.
Building 1-A, No. 19 & 20, Lane 299
Wenshui Road, Jingan District Shanghai 200072
China

Name and address of the manufacturer

Lumileds (Shanghai) Management Co., Ltd.
Building 1-A, No. 19 & 20, Lane 299
Wenshui Road, Jingan District Shanghai 200072
China

Ratings and principal characteristics

I_{max} 700 mA  (see test report for details)

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

LUXEON HL1Z Color Line, LUXEON HL1Z Fusion
☒ [Additional Information on page 2](#)

Additional information (if necessary may also be reported on page 2)

☐ [Additional Information on page 2](#)

Standard(s)

IEC 62471-7:2023

Clause(s) (if applicable)

As shown in the Test Report Ref. No. which forms part of this Certificate

4791924701_1 issued on 2026-04-17

This Statement of Conformity, issued by the National Certification Body, states that the above have been found to be in conformity with relevant aspect as stated above in accordance with the IECEE Aspect Certification program. Referred to CBTR for factory information.



☒ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
☐ UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
☐ UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
☐ UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2026-04-20

Signature:

Kenny Liu



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Additional Model Detail(s):

LUXEON HL1Z Color Line,

Part numbers for LUXEON HL1Z Color Line follow the convention below:

L1HZ-AAA1zzzzzzzzzz

Where:

AAA – designates color (RYL=Royal Blue, BLU=Blue, GRN=Green, PCG=Green, PCA=PC Amber, RNG=PC Red Orange, PCR=PC Red)

1 – designates 1.0 mm2 die size

zzzzzzzz – any alphanumeric character that designates Option Codes for customization / bin selections / etc

LUXEON HL1Z Fusion,

Part numbers for LUXEON HL1Z Fusion follow the convention below:

L1HZ-AAAB1zzzzzzzzzz

Where: AAA – designates color (FCR=Fusion Red, FCG=Fusion Green, FCB=Fusion Blue)

B – designates product option (example 1, 2...etc)

zzzzzzzz – any alphanumeric character that designates Option Codes for customization / bin selections / etc

Additional information (if necessary)



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