

# ENEC+ LICENSE

**License No.** ENEC-01559-PLUS-M2-UL

**Page** 1/4

**Date of Issue** 2023-09-22

**License Holder** BRIDGELUX INC  
46410 FREMONT BOULEVARD FREMONT, CA 94538-6469  
USA

**Production site** KAISTAR LIGHTING (XIAMEN) CO LTD  
NO. 101 XIANG XING ROAD  
XIANG AN BRANCH, TORCH HI-TECH  
INDUSTRIAL DEVELOPMENT ZONE XIAMEN, FUJIAN SHENG, 361101  
CHINA

**ENEC License No. (safety)** ENEC License Number (Safety):  
ENEC-04013-M3 issued on 2023-07-13  
Issued by ENEC Member Body:  
15, UL International Demko A/S, Borupvang 5A, DK-2750 Ballerup, Denmark

**Certification Mark** See Annex 1

**Certified Product** Built-in LED Module

**Model** BXRC-abcdefg-h-ij \*, BXRE-abcdefg-h-ij  
See page 2 for additional Information

**Trademark**



**Ratings** I<sub>max</sub>: 5500 mA --- t<sub>c</sub>: 105 °C Max (see test report)  
**Complying with the following** PD EPRS 001:2018-05 (based on EN 62717:2017)  
**EPRS standard for**

**performance**  
**EPRS Test Report No.** 4788975418-2 issued on 2023-09-18

**Additional Information** The report was revised to include technical modifications  
See page 3 for additional information

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**Certification Manager**  
Thomas Wilson

**Certification Body**

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this License, in accordance with the ENEC+ Requirements. The Designated License holder is entitled to use the ENEC+ 15 Mark (as shown in annex 1) for the Certified Product manufactured at the production site(s) identified above in accordance with the ENEC Mark Service Agreement including without limitation the ENEC Mark Testing and Certification Services Service Terms. Only those Products bearing a valid ENEC Mark and the ENEC+ Mark should be considered as being covered by UL's ENEC+ Mark Service. This License shall remain valid unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this License is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).

UL International Demko A/S, Borupvang 5A, DK-2750  
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com  
www.ul.com



# ENEC+ LICENSE

License No. ENEC-01559-PLUS-M2-UL  
Page 2/4  
Date of Issue 2023-09-22

## Additional Model(s):

Model BXRC-abcdefg-h-ij \*:

## Product Key explanation:

BXRC: designated product family  
ab : any numeric nos, designates the nominal ANSI color temperature (not exceeding 6500K)  
c: any alphanumeric, designates minimum CRI (not less than 70)  
defg: designates model type where the first two suffixes are as follows and fg can be any alphanumeric character:  
10Kg, or 1Kfg – Vero 29 Series  
40fg – Vero 18 Series  
20fg – Vero 13 Series  
10fg – Vero 10 Series  
h: any alphanumeric, designates array configuration (specify the Current and Typical Voltage and Typical Power)  
ij: any numeric nos, designates CCT bin options where i = 0 or 2 for Generation 6, i = 7 for Generation 7, and i = 8 for Generation 8, i = 9 for Generation 9.  
\*: model no may be maybe followed by blank, or -SE, suffix which designates use of SE holder

Model BXRE-abcdefg-h-ij:

## Product Key explanation:

BXRE: designated product family  
ab : any numeric nos, designates the nominal ANSI colour temperature (not exceeding 6500K)  
c: any alphanumeric, designates minimum CRI (not less than 70)  
defg: designates model type where the first two suffixes are as follows and fg can be any alphanumeric character:  
10Kg, or 1Kfg – V29 Series  
65fg – V22 Series  
40fg – V18 Series  
30fg – V15 Series  
20fg – V13 Series  
10fg – V10 Series  
08fg – V8 Series  
06fg – V6 Series  
h: any alphanumeric, designates array configuration (specify the Current and Typical Voltage and Typical Power)  
ij: any numeric nos, designates CCT bin options where i is 0, or 2 for Generation 6, i is 7 for Generation 7, and i = 8 for Generation 8, i = 9 for Generation 9.

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# ENEC+ LICENSE

License No. ENEC-01559-PLUS-M2-UL

Page 3/4

Date of Issue 2023-09-22

## Performance ratings:

Rated Luminous Flux [lm]	T <sub>p Max</sub> [°C]	Rated CCT [K]	Rated CRI	Rated Efficacy [lm/W]
49054	105	1700 - 6500	>70 >80 >90	141
Ambient Temperature Range: -10 °C ÷ 50 °C				

## Additional information:

The original report was modified to include the following changes/additions:

- Add the new Generation 9 of led modules
- Update of test report form version
- Update of applicant's address

This certificate replaces certificate no. ENEC-01559-M1-PLUS-UL issued on 2021-01-29

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# Annex 1 to License No. ENEC-01559-PLUS-M2-UL

Annex of the form of the Mark



15 is the identification number of the Certification Body

Size of the mark:

The size of the mark may be reduced on the condition that it remains legible and that the ratio  $b/a=1,7$  is kept

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