

# ENEC+ LICENSE

License No. ENEC-01559-M1-PLUS-UL  
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 Date of Issue 2021-01-29

**License Holder** BRIDGELUX INC  
 46430 FREMONT BOULEVARD, FREMONT, CA 94538 USA

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

**ENEC License No. (safety)** ENEC-02886-M2

**Certification Mark** See Annex 1

**Certified Product** Built-in LED Module

**Model** BXRC-abcdefg-h-ij (Vero and Vero SE Series),  
 BXRE-abcdefg-h-ij (V Series)

**Trademark**



**Rated Voltage / Frequency**  
**Rated Current / Power**

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I<sub>max</sub>: 5500 mA ===

See Test Report for additional details and ratings

**Insulation Class**  
**Degree of protection (IP)**

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**Complying with the following EPRS**  
**standard for performance**

PD EPRS 001:2018-05 (based on EN 62717:2017)

**EPRS Test Report No.**

4788975418-2 issued on 2021-01-25

**Additional Information**

The report was revised to include technical modifications  
 tc: 105 °C Max

**Certification Manager**  
 Jan-Erik Storgaard

**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with the Service Agreement including without limitation if the Standard identified on this License is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).

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## Model details:

**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 three suffixes are as follows and g 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.

**SE:** suffix designates 'SE' holder, when used

**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 three suffixes are as follows and G 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.

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## 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 See test report for additional rating				

## Additional Information:

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

- Add the new Generation 8 version under the Series BXRC-abcdefg-h-ij (Vero and Vero SE Series) and BXRE-abcdefg-h-ij (V Series)
- Increase of the voltage rating from 60 Vdc to 70 Vdc for the 29 mm LES
- Update of performance ratings
- Increase of maximum current (from 3420 mA to 5500 mA)
- Update of the factory location's address

This certificate replaces certificate no. ENEC-01559-PLUS-UL issued on 2019-11-28

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# Annex 1 to License No. ENEC-01559-M1-PLUS-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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