

# CERTIFICATE

Issued to:  
Applicant:  
**BRIDGELUX, INC.**  
46410 Fremont Boulevard, Fremont  
Fremont CA 94538, United States Of America

Licensee:  
**BRIDGELUX, INC.**  
46410 Fremont Boulevard, Fremont  
Fremont CA 94538, United States Of America

Product : LED drivers (With cable clamp: independent type; without cable clamp: built-in type)  
Trade name(s) : bridgelux  
Type(s)/model(s) : BXDR-PS-20BS-E105N-01-A, BXDR-PS-20BT-E105N-01-A, BXDR-PS-30BS-E107N-01-A and BXDR-PS-30BT-E107N-01-A

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6063888

DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 28 March 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-127818

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



R Zhou  
Certification Manager

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DUTCH ACCREDITATION  
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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: LED drivers (With cable clamp: independent type; without cable clamp: built-in type)
Trade name(s)	: bridgelux
Type(s)/model(s)	: BXDR-PS-20BS-E105N-01-A, BXDR-PS-20BT-E105N-01-A, BXDR-PS-30BS-E107N-01-A and BXDR-PS-30BT-E107N-01-A
Rated input voltage	: 220-240 V
Rated frequency	: 50/60 Hz
Class of insulation	: built-in type: reinforced insulation; independent type: Class II
Max. case temperature (tc)	: 80 °C
Ambient temperature (ta)	: -20-50 °C
Degree of protection	: IP20 (For independent type)
Output voltage range	: 23-42 Vdc
Max. open load voltage	: 60 Vdc
Additional information	: SELV, Safety isolating non-inherently short circuit proof, 110 °C thermally protection, constant current type

**Product data – type BXDR-PS-20BS-E105N-01-A and BXDR-PS-20BT-E105N-01-A**

Rated input current	: Output 1: 0,08 A; Output 2: 0,10 A; Output 3: 0,11 A; Output 4: 0,13 A
Output current	: Output 1: 250 mA; Output 2: 350 mA; Output 3: 450 mA; Output 4: 500 mA
Max. output watt	: Output 1: 11W; Output 2: 15W; Output 3: 19W; Output 4: 21W
Power factor	: Output 1: 0,8C-0,95; Output 2, Output 3, Output 4: 0,87C-0,98

**Product data – type BXDR-PS-30BS-E107N-01-A and BXDR-PS-30BT-E107N-01-A**

Rated input current	: Output 1: 0,12 A; Output 2: 0,14 A; Output 3: 0,15 A; Output 4: 0,16 A
Output current	: Output 1: 500 mA; Output 2: 600 mA; Output 3: 650 mA; Output 4: 700 mA
Max. output watt	: Output 1: 21W; Output 2: 25W; Output 3: 27W; Output 4: 30W
Power factor	: Output 1: 0,9C-0,95; Output 2, Output 3, Output 4: 0,93C-0,98

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-1:2015/A1:2021  
EN 61347-2-13:2014  
EN 61347-2-13:2014/A1:2017  
EN IEC 62384:2020

**Test result**

The test results are laid down in DEKRA test file 439708300.

**Additional information**

The list of components is laid down in test report 4397083.50, 4397083.51.

**Conclusion**

The examination proved that all requirements were met.



**Factory location**

Sichuan Hongrui Electric Co.,Ltd.

Building #201, Comprehensive Bonded Zone, Feiyun road, East No. 261, High-tech park

621000 Mianyang Sichuan, China

Trade name(s) : bridgelux stands for

The logo for "bridgelux", consisting of the word "bridgelux" in a lowercase, sans-serif font. A thin black line arches over the letters "i", "d", "g", and "e", starting above the "i" and ending above the "e". A registered trademark symbol (®) is located at the end of the word.