

CERTIFICATE

Issued to:
Applicant:
Bridgelux, Inc.
46410 Fremont Boulevard
Fremont CA 94538, United States Of America

Licensee:
Bridgelux, Inc.
46410 Fremont Boulevard
Fremont CA 94538, United States Of America

Product : LED drivers
Trade name(s) : Bridgelux
Type(s)/model(s) : BXDR-PS-20BS-U405T-01-A, BXDR-PS-20BS-U405W-01-A,
BXDR-PS-42BS-U411T-01-A and BXDR-PS-42BS-U411W-01-A

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

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

- 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

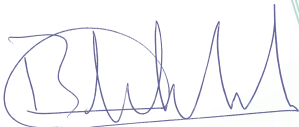
DEKRA hereby grants the right to use the ENEC certification mark.

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 3 July 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-143326

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED drivers
Trade name(s)	: Bridgelux
Type(s)/model(s)	: BXDR-PS-20BS-U405T-01-A, BXDR-PS-20BS-U405W-01-A, BXDR-PS-42BS-U411T-01-A and BXDR-PS-42BS-U411W-01-A
Rated input voltage	: 120-277 Vac
Rated frequency	: 50/60 Hz
Class of insulation	: Class II
Max. case temperature (tc)	: 80 °C
Ambient temperature (ta)	: 50 °C
Degree of protection	: IP20
Max. open load voltage	: 60 Vdc
Additional information	: Independent SELV, Safety isolating non-inherently shorted circuit proof, constant current type

Product data – type BXDR-PS-20BS-U405T-01-A and BXDR-PS-20BS-U405W-01-A

Power factor	: 0,85C-0,95
Rated input current	: 250 mA
Output current	: 250-500 mA
Output voltage range	: 18-40 Vdc
Max. output watt	: 20 W

Product data – type BXDR-PS-42BS-U411T-01-A and BXDR-PS-42BS-U411W-01-A

Power factor	: 0,8C-0,95
Rated input current	: 320-1050 mA
Output current	: output current
Output voltage range	: 18-40 Vdc
Max. output watt	: 42 W

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 documented in DEKRA test file 491195100.

Additional information

The list of components is laid down in test report 4911951.50,4911951.51.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

Heyuan BERSN Opto-electronics Science and Technology Co., Ltd
(Hengda Industrial Factory) Intersection of Industrial 3th Road and Yuanling Avenue, Linjiang Industrial
Park, Jiangdong New District
517475 Heyuan City Guangdong, China