

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 Power Supply
Trade name(s) : bridgelux
Type(s)/model(s) : BXDR-PS-12TT-E103D-01-A-CB, BXDR-PS-12TT-E103D-01-A-CG,
BXDR-PS-12TT-E103D-01-A-CW, BXDR-PS-30TT-E107D-01-A-CB,
BXDR-PS-30TT-E107D-01-A-CG, BXDR-PS-30TT-E107D-01-A-CW,
BXDR-PS-40TT-E110D-01-A-CB, BXDR-PS-40TT-E110D-01-A-CG and
BXDR-PS-40TT-E110D-01-A-CW

The product and any acceptable variation thereto is 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 the standard(s) 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

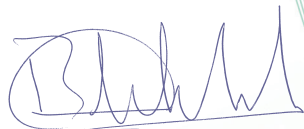
DEKRA hereby grants the right to use the ENEC certification mark.

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 5 January 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-126745

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED Power Supply
Trade name(s)	: bridgelux
Type(s)/model(s)	: BXDR-PS-12TT-E103D-01-A-CB, BXDR-PS-12TT-E103D-01-A-CG, BXDR-PS-12TT-E103D-01-A-CW, BXDR-PS-30TT-E107D-01-A-CB, BXDR-PS-30TT-E107D-01-A-CG, BXDR-PS-30TT-E107D-01-A-CW, BXDR-PS-40TT-E110D-01-A-CB, BXDR-PS-40TT-E110D-01-A-CG and BXDR-PS-40TT-E110D-01-A-CW
Rated voltage	: 220-240 Vac 198-254 Vdc
Rated frequency	: 0/50/60 Hz
Degree of protection	: IP20
Ambient temperature (ta)	: 35 °C
Additional information	: Built-in type, double insulation, non-inherently shorted circuit proof, 110 °C thermal protection, SELV constant current output, IP20, EL mark

Product data – type BXDR-PS-12TT-E103D-01-A-CB, BXDR-PS-12TT-E103D-01-A-CG and BXDR-PS-12TT-E103D-01-A-CW

Input current	: 0.12 A
Max. case temperature (tc)	: 70 °C

Product data – type BXDR-PS-30TT-E107D-01-A-CB, BXDR-PS-30TT-E107D-01-A-CG and BXDR-PS-30TT-E107D-01-A-CW

Input current	: 0.19 A
Max. case temperature (tc)	: 75 °C

Product data – type BXDR-PS-40TT-E110D-01-A-CB, BXDR-PS-40TT-E110D-01-A-CG and BXDR-PS-40TT-E110D-01-A-CW

Input current	: 0.26 A
Max. case temperature (tc)	: 85 °C

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 439723900.

Additional information

The list of components is laid down in test report 4397239.50, 4397239.51.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 309635 and 26359.

Trade name(s) : bridgelux stands for



Model List:

No.	Model	Input				Output				ta(°C)	tc(°C)	EoFi
		Voltage (VAC)	Voltage (Vdc)	Frequency (Hz)	Current (A)	Output Voltage (VDC)	Output Current (mA)	Output Power (W)	Max. No Load Voltage (VDC)			
1	BXDR-PS-12TT-E103D-01-A-CW BXDR-PS-12TT-E103D-01-A-CB BXDR-PS-12TT-E103D-01-A-CG	220-240	198-254	0/50/60	0.12	9-42	120	5.04	57	35	70	
						9-42	150	6.3				
						9-42	180	7.56				
						9-42	200	8.4				
						9-42	250	10.5				
						9-42	280	11.76				
						9-42	300	12.6				
2	BXDR-PS-30TT-E107D-01-A-CW BXDR-PS-30TT-E107D-01-A-CB BXDR-PS-30TT-E107D-01-A-CG	220-240	198-254	0/50/60	0.19	9-42	350	14.7	55	35	75	15%
						9-42	400	16.8				
						9-42	450	18.9				
						9-42	500	21				
						9-42	550	23.1				
						9-42	600	25.2				
						9-42	650	27.3				
3	BXDR-PS-40TT-E110D-01-A-CW BXDR-PS-40TT-E110D-01-A-CB BXDR-PS-40TT-E110D-01-A-CG	220-240	198-254	0/50/60	0.26	9-42	700	29.4	56	35	85	
						9-42	750	31.5				
						9-42	800	33.6				
						9-42	850	35.7				
						9-42	900	37.8				
						9-42	950	39.9				
						9-40	1000	40				
						9-38.5	1050	40.4				