

CERTIFICATE

Issued to:
Applicant:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven, The Netherlands

Licensee:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven, The Netherlands

Product : LED Driver
Trade name(s) : PHILIPS
Type(s)/model(s) : Xi LP 220W 0.3-1.05A S1 230V I230, Xi LP 220W 0.3-1.05A S1 230V I230C,
Xi LP 220W 0.3-1.05A S1 TWE I230, Xi LP 220W 0.3-1.05A S1 TWE I230C,
Xi LP 220W 0.5-1.5A S1 230V I230, Xi LP 220W 0.5-1.5A S1 230V I230C and
Xi LP 220W 0.5-1.5A S1 TWE I230

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 EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 62384:2006, EN 62384:2006/A1:2009 and EN 60598-1:2015
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 947556

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 of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 27 December 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-102430

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kreny Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED Driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xi LP 220W 0.3-1.05A S1 230V I230, Xi LP 220W 0.3-1.05A S1 230V I230C, Xi LP 220W 0.3-1.05A S1 TWE I230, Xi LP 220W 0.3-1.05A S1 TWE I230C, Xi LP 220W 0.5-1.5A S1 230V I230, Xi LP 220W 0.5-1.5A S1 230V I230C and Xi LP 220W 0.5-1.5A S1 TWE I230
Nature of supply	: ac
Rated frequency	: 50/60 Hz
Max. case temperature (tc)	: 85 °C
Power factor	: 0,95
Description	: Independent
IP classification	: IP66/67

Product data – type Xi LP 220W 0.3-1.05A S1 230V I230 and Xi LP 220W 0.3-1.05A S1 230V I230C

Rated voltage	: 220-240 V
Input current	: 1,08-1,0 Aac
Output current	: 0,3-1,05 Adc
Output voltage	: 104-314 Vdc; 500 Vdc (Max. open circuit)

Product data – type Xi LP 220W 0.3-1.05A S1 TWE I230 and Xi LP 220W 0.3-1.05A S1 TWE I230C

Rated voltage	: 110-277 V
Input current	: 2,12-0,88 Aac
Output current	: 0,3-1,05 Adc
Output voltage	: 104-314 Vdc; 500 Vdc (Max. open circuit)

Product data – type Xi LP 220W 0.5-1.5A S1 230V I230 and Xi LP 220W 0.5-1.5A S1 230V I230C

Rated voltage	: 220-240 V
Input current	: 1,08-1,0 Aac
Output current	: 0,5-1,5 Adc
Output voltage	: 73-210 Vdc; 350 Vdc (Max. open circuit)

Product data – type Xi LP 220W 0.5-1.5A S1 TWE I230

Rated voltage	: 110-277 V
Input current	: 2,12-0,88 Aac
Output current	: 0,5-1,5 Adc
Output voltage	: 73-210 Vdc; 350 Vdc (Max. open circuit)

TESTS**Test requirements**

EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 61347-1:2015
EN 62384:2006
EN 62384:2006/A1:2009
EN 60598-1:2015

Test result

The test results are laid down in DEKRA test file 602229600.

Additional information

constant current type with supply cable or connectors

LED driver is completely potted with PUR

insulation between primary and secondary is considered as basic insulation

The list of components is laid down at test report 6022296.50.

Conclusion

The examination proved that all requirements were met.

Factory location

Taiwan Surface Mounting Technology (SuZhou) Co., Ltd.

No. 888 GanQuan Dong Road Economic

Technology Development Zone WuJiang,

Suzhou, China