

# CERTIFICATE

Issued to:  
Applicant:  
**Signify Netherlands B.V.**  
**High Tech Campus 48**  
**5656 AE Eindhoven, The Netherlands**

Licensee:  
**Signify Netherlands B.V.**  
**High Tech Campus 48**  
**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 230V I230CF, Xi LP 220W 0.3-1.05A S1 TWE I230,  
Xi LP 220W 0.3-1.05A S1 TWE I230C, Xi LP 220W 0.3-1.05A S1 TWE I230CF,  
Xi LP 220W 0.5-1.5A S1 230V I230, Xi LP 220W 0.5-1.5A S1 230V I230C,  
Xi LP 220W 0.5-1.5A S1 230V I230CF 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 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006, EN 62384:2006/A1:2009, EN 60598-1:2015 and EN 60598-1:2015/A1:2018
- 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 12 August 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-115192

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 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 230V I230CF, Xi LP 220W 0.3-1.05A S1 TWE I230, Xi LP 220W 0.3-1.05A S1 TWE I230C, Xi LP 220W 0.3-1.05A S1 TWE I230CF, Xi LP 220W 0.5-1.5A S1 230V I230, Xi LP 220W 0.5-1.5A S1 230V I230C, Xi LP 220W 0.5-1.5A S1 230V I230CF 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, Xi LP 220W 0.3-1.05A S1 230V I230C and Xi LP 220W 0.3-1.05A S1 230V I230CF**

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, Xi LP 220W 0.3-1.05A S1 TWE I230C and Xi LP 220W 0.3-1.05A S1 TWE I230CF**

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, Xi LP 220W 0.5-1.5A S1 230V I230C and Xi LP 220W 0.5-1.5A S1 230V I230CF**

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 61347-1:2015  
EN 61347-2-13:2014



EN 61347-2-13:2014/A1:2017  
EN 62384:2006  
EN 62384:2006/A1:2009  
EN 60598-1:2015  
EN 60598-1:2015/A1:2018

**Test result**

The test results are laid down in DEKRA test file 608319800.

**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

For component list refers to annex 1 of test reports 6083198.50.

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturer's right to conduct type tests for the KEMA-KEUR / ENEC certification system under supervision of DEKRA (CTF Stage 3).

This certificate replaces certificate No. 31-114426 which we hereby declare invalid.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

The factory locations are registered with the numbers 306303, 326285, 1845 and 32192.