

# 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 40W 0.3-1.05A S1 230V I150, Xi LP 40W 0.3-1.05A S1 TWE I175,  
Xi LP 65W 0.3-1.05A S1 230V I150, Xi LP 65W 0.3-1.05A S1 230V I150C,  
Xi LP 65W 0.3-1.05A S1 TWE I175, Xi LP 65W 0.5-1.5A S1 230V I150 and  
Xi LP 65W 0.5-1.5A S1 230V I150C

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 17 August 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-115199

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



S. Lehner  
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



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

Product	: LED Driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xi LP 40W 0.3-1.05A S1 230V I150, Xi LP 40W 0.3-1.05A S1 TWE I175, Xi LP 65W 0.3-1.05A S1 230V I150, Xi LP 65W 0.3-1.05A S1 230V I150C, Xi LP 65W 0.3-1.05A S1 TWE I175, Xi LP 65W 0.5-1.5A S1 230V I150 and Xi LP 65W 0.5-1.5A S1 230V I150C
Nature of supply	: ac
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Rated ambient temperature (ta)	: -40...+55 °C
Description	: Independent
IP classification	: IP66/67

**Product data – type Xi LP 40W 0.3-1.05A S1 230V I150**

Rated voltage	: 220-240 V
Input current	: 0,21-0,19 Aac
Output current	: 0,3-1,05 Adc
Output voltage	: 21-57 Vdc; 100 Vdc (Max. open circuit)
Max. case temperature (tc)	: 80 °C

**Product data – type Xi LP 40W 0.3-1.05A S1 TWE I175**

Rated voltage	: 110-277 V
Input current	: 0,41-0,18 Aac
Output current	: 0,3-1,05 Adc
Output voltage	: 21-57 Vdc; 100 Vdc (Max. open circuit)
Max. case temperature (tc)	: 85 °C

**Product data – type Xi LP 65W 0.3-1.05A S1 230V I150 and Xi LP 65W 0.3-1.05A S1 230V I150C**

Rated voltage	: 220-240 V
Input current	: 0,33-0,3 Aac
Output current	: 0,3-1,05 Adc
Output voltage	: 31-93 Vdc; 130 Vdc (Max. open circuit)
Max. case temperature (tc)	: 80 °C

**Product data – type Xi LP 65W 0.3-1.05A S1 TWE I175**

Rated voltage	: 110-277 V
Input current	: 0,65-0,27 Aac
Output current	: 0,3-1,05 Adc
Output voltage	: 31-93 Vdc; 130 Vdc (Max. open circuit)
Max. case temperature (tc)	: 85 °C

**Product data – type Xi LP 65W 0.5-1.5A S1 230V I150 and Xi LP 65W 0.5-1.5A S1 230V I150C**

Rated voltage	: 220-240 V
Input current	: 0,33-0,3 Aac
Output current	: 0,5-1,5 Adc
Output voltage	: 21-62 Vdc; 100 Vdc (Max. open circuit)
Max. case temperature (tc)	: 80 °C



## 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 608319900.

### Additional information

constant current type with supply cable  
LED driver is completely potted with PUR  
insulation between primary and secondary is considered as basic insulation

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. 31-107519 which we hereby declare invalid.

The list of components is laid down at test report 6083199.50.

### Conclusion

The examination proved that all requirements were met.

### Factory locations

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