

# 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 100W 0.3-1.05A S1 GL I175, Xi LP 100W 0.5-1.5A S1 GL I175,  
Xi LP 150W 0.3-1.05A S1 GL I200 and Xi LP 150W 0.5-1.5A S1 GL I200

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, EN 62384:2006, EN 62384:2006/A1:2009, EN IEC 62384:2020, EN 60598-1:2015 and EN 60598-1:2015/A1:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA 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 and under the conditions of the ENEC certification agreement.

This certificate is issued on 6 July 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-119782

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
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 100W 0.3-1.05A S1 GL I175, Xi LP 100W 0.5-1.5A S1 GL I175, Xi LP 150W 0.3-1.05A S1 GL I200 and Xi LP 150W 0.5-1.5A S1 GL I200
Rated input voltage	: 110-277 Vac
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Ambient temperature range (ta)	: ta: -40...+55 °C at 110-240 VAC / ta: -40...+60 °C at 240-277 VAC
Description	: Independent; IP67

**Product data – type Xi LP 100W 0.3-1.05A S1 GL I175**

Rated input current	: 1,1-0,43 A
Output current	: 0,3-1,05 A
Output voltage	: 46-143 Vdc; 220 Vdc max
Output power	: 100 W
Max. case temperature (tc)	: 80 °C

**Product data – type Xi LP 100W 0.5-1.5A S1 GL I175**

Rated input current	: 1,1-0,43 A
Output current	: 0,5-1,5 A
Output voltage	: 33-95 Vdc; 150 Vdc max
Output power	: 100 W
Max. case temperature (tc)	: 80 °C

**Product data – type Xi LP 150W 0.3-1.05A S1 GL I200**

Rated input current	: 1,63-0,68 A
Output current	: 0,3-1,05 A
Output voltage	: 71-214 Vdc; 320 Vdc max
Output power	: 150 W
Max. case temperature (tc)	: 85 °C

**Product data – type Xi LP 150W 0.5-1.5A S1 GL I200**

Rated input current	: 1,63-0,68 A
Output current	: 0,5-1,5 A
Output voltage	: 50-143 Vdc; 220 Vdc max
Output power	: 150 W
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 62384:2006  
EN 62384:2006/A1:2009



EN IEC 62384:2020  
EN 60598-1:2015  
EN 60598-1:2015/A1:2018

**Test result**

The test results are laid down in DEKRA test file 610664700.

**Additional information**

constant current type  
LED driver is completely potted with PUR

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. 31-116032 which we hereby declare invalid.

The list of components is laid down in test report 6106647.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

The factory location is registered with the number 15204.