

# 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 230V I155, Xi LP 100W 0.3-1.05A S1 230V I155CF,  
Xi LP 100W 0.3-1.05A S1 WL I155, Xi LP 100W 0.3-1.05A S1 WL I155CF,  
Xi LP 100W 0.5-1.5A S1 230V I155, Xi LP 100W 0.5-1.5A S1 230V I155CF,  
Xi LP 100W 0.5-1.5A S1 WL I155, Xi LP 100W 0.5-1.5A S1 WL I155CF,  
Xi LP 150W 0.3-1.05A S1 230V I175, Xi LP 150W 0.3-1.05A S1 230V I175CF,  
Xi LP 150W 0.3-1.05A S1 WL I175, Xi LP 150W 0.3-1.05A S1 WL I175CF,  
Xi LP 150W 0.5-1.5A S1 230V I175, Xi LP 150W 0.5-1.5A S1 230V I175CF,  
Xi LP 150W 0.5-1.5A S1 WL I175, Xi LP 150W 0.5-1.5A S1 WL I175CF,  
Xi LP 200W 0.3-1.05A S1 230V I195, Xi LP 200W 0.3-1.05A S1 230V I195CF,  
Xi LP 200W 0.3-1.05A S1 WL I195, Xi LP 200W 0.3-1.05A S1 WL I195CF,  
Xi LP 200W 0.5-1.5A S1 230V I195, Xi LP 200W 0.5-1.5A S1 230V I195CF,  
Xi LP 200W 0.5-1.5A S1 WL I195 and Xi LP 200W 0.5-1.5A S1 WL I195CF

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

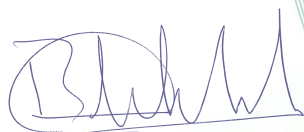
DEKRA hereby grants the right to use the ENEC certification mark.

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 29 December 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-120999 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



R Zhou  
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 230V I155, Xi LP 100W 0.3-1.05A S1 230V I155CF, Xi LP 100W 0.3-1.05A S1 WL I155, Xi LP 100W 0.3-1.05A S1 WL I155CF, Xi LP 100W 0.5-1.5A S1 230V I155, Xi LP 100W 0.5-1.5A S1 230V I155CF, Xi LP 100W 0.5-1.5A S1 WL I155, Xi LP 100W 0.5-1.5A S1 WL I155CF, Xi LP 150W 0.3-1.05A S1 230V I175, Xi LP 150W 0.3-1.05A S1 230V I175CF, Xi LP 150W 0.3-1.05A S1 WL I175, Xi LP 150W 0.3-1.05A S1 WL I175CF, Xi LP 150W 0.5-1.5A S1 230V I175, Xi LP 150W 0.5-1.5A S1 230V I175CF, Xi LP 150W 0.5-1.5A S1 WL I175, Xi LP 150W 0.5-1.5A S1 WL I175CF, Xi LP 200W 0.3-1.05A S1 230V I195, Xi LP 200W 0.3-1.05A S1 230V I195CF, Xi LP 200W 0.3-1.05A S1 WL I195, Xi LP 200W 0.3-1.05A S1 WL I195CF, Xi LP 200W 0.5-1.5A S1 230V I195, Xi LP 200W 0.5-1.5A S1 230V I195CF, Xi LP 200W 0.5-1.5A S1 WL I195 and Xi LP 200W 0.5-1.5A S1 WL I195CF
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Description	: IP67; Independent

**Product data – type Xi LP 100W 0.3-1.05A S1 230V I155 and Xi LP 100W 0.3-1.05A S1 230V I155CF**

Rated voltage	: 220-240 Vac
Output current	: 0,3-1,05 A
Output voltage	: 46-143 Vdc; 220 Vdc (max.open circuit)
Output power	: 100 W
Max. case temperature (tc)	: 80 °C
Ambient temperature (ta)	: -40...+55 °C

**Product data – type Xi LP 100W 0.3-1.05A S1 WL I155 and Xi LP 100W 0.3-1.05A S1 WL I155CF**

Rated voltage	: 100-277 Vac
Output current	: 0,3-1,05 A
Output voltage	: 46-143 Vdc; 220 Vdc (max.open circuit)
Output power	: 100 W
Max. case temperature (tc)	: 80 °C
Ambient temperature (ta)	: -40...+55 °C

**Product data – type Xi LP 100W 0.5-1.5A S1 230V I155 and Xi LP 100W 0.5-1.5A S1 230V I155CF**

Rated voltage	: 220-240 Vac
Output current	: 0,5-1,5 A
Output voltage	: 33-95 Vdc; 150 Vdc (max.open circuit)
Output power	: 100 W
Max. case temperature (tc)	: 80 °C

Ambient temperature (ta) : -40...+55 °C

**Product data – type Xi LP 100W 0.5-1.5A S1 WL I155 and Xi LP 100W 0.5-1.5A S1 WL I155CF**

Rated voltage : 100-277 Vac  
Output current : 0,5-1,5 A  
Output voltage : 33-95 Vdc; 150 Vdc (max.open circuit)  
Output power : 100 W  
Max. case temperature (tc) : 80 °C  
Ambient temperature (ta) : -40...+55 °C

**Product data – type Xi LP 150W 0.3-1.05A S1 230V I175 and Xi LP 150W 0.3-1.05A S1 230V I175CF**

Rated voltage : 220-240 Vac  
Output current : 0,3-1,05 A  
Output voltage : 71-214 Vdc; 320 Vdc (max.open circuit)  
Output power : 150 W  
Max. case temperature (tc) : 85 °C  
Ambient temperature (ta) : -40...+50 °C

**Product data – type Xi LP 150W 0.3-1.05A S1 WL I175 and Xi LP 150W 0.3-1.05A S1 WL I175CF**

Rated voltage : 100-277 Vac  
Output current : 0,3-1,05 A  
Output voltage : 71-214 Vdc; 320 Vdc (max.open circuit)  
Output power : 150 W  
Max. case temperature (tc) : 85 °C  
Ambient temperature (ta) : -40...+50 °C

**Product data – type Xi LP 150W 0.5-1.5A S1 230V I175 and Xi LP 150W 0.5-1.5A S1 230V I175CF**

Rated voltage : 220-240 Vac  
Output current : 0,5-1,5 A  
Output voltage : 50-143 Vdc; 220 Vdc (max.open circuit)  
Output power : 150 W  
Max. case temperature (tc) : 85 °C  
Ambient temperature (ta) : -40...+50 °C

**Product data – type Xi LP 150W 0.5-1.5A S1 WL I175 and Xi LP 150W 0.5-1.5A S1 WL I175CF**

Rated voltage : 100-277 Vac  
Output current : 0,5-1,5 A  
Output voltage : 50-143 Vdc; 220 Vdc (max.open circuit)  
Output power : 150 W  
Max. case temperature (tc) : 85 °C  
Ambient temperature (ta) : -40...+50 °C

**Product data – type Xi LP 200W 0.3-1.05A S1 230V I195 and Xi LP 200W 0.3-1.05A S1 230V I195CF**

Rated voltage : 220-240 Vac  
Output current : 0,3-1,05 Adc  
Output voltage : 142-286 Vdc; 420 Vdc (max.open circuit)  
Output power : 200 W  
Max. case temperature (tc) : 85 °C  
Ambient temperature (ta) : -40...+55 °C

**Product data – type Xi LP 200W 0.3-1.05A S1 WL I195 and Xi LP 200W 0.3-1.05A S1 WL I195CF**

Rated voltage	: 100-277 Vac
Output current	: 0,3-1,05 Adc
Output voltage	: 142-286 Vdc; 420 Vdc (max.open circuit)
Output power	: 200 W
Max. case temperature (tc)	: 85 °C
Ambient temperature (ta)	: -40...+55 °C

**Product data – type Xi LP 200W 0.5-1.5A S1 230V I195 and Xi LP 200W 0.5-1.5A S1 230V I195CF**

Rated voltage	: 220-240 Vac
Output current	: 0,5-1,5 A
Output voltage	: 100-200 Vdc; 300 Vdc (max.open circuit)
Output power	: 200 W
Max. case temperature (tc)	: 85 °C
Ambient temperature (ta)	: -40...+55 °C

**Product data – type Xi LP 200W 0.5-1.5A S1 WL I195 and Xi LP 200W 0.5-1.5A S1 WL I195CF**

Rated voltage	: 100-277 Vac
Output current	: 0,5-1,5 A
Output voltage	: 100-200 Vdc; 300 Vdc (max.open circuit)
Output power	: 200 W
Max. case temperature (tc)	: 85 °C
Ambient temperature (ta)	: -40...+55 °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 612235200.

**Additional information**

constant current type with connecting leads or connectors  
LED driver is completely potted with PUR  
Basic insulation between PRI and SEC

This certificate replaces certificate No. 31-120999 which we hereby declare invalid.

The list of components is laid down in test report 6122352.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

The factory locations are registered with the numbers 306303 and 15204.