

CERTIFICATE

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

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

Product : LED drivers
Trade name : PHILIPS
Types : Xi LP 100W 0.3-1.05A S1 230V I175
Xi LP 100W 0.3-1.05A S1 230V I175C
Xi LP 150W 0.3-1.05A S1 230V I175
Xi LP 150W 0.3-1.05A S1 230V I175C

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 61347-1:2008 + A1:2011 + A2:2013; EN 61347-2-13:2014; EN 62384:2006 + A1:2009
- 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 KEMA-KEUR certification mark.

The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

This certificate is issued on: 25 November 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2197581.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.J. de Vries
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: LED drivers
trade name	: PHILIPS
types	: Xi LP 100W 0.3-1.05A S1 230V I175 Xi LP 100W 0.3-1.05A S1 230V I175C Xi LP 150W 0.3-1.05A S1 230V I175 Xi LP 150W 0.3-1.05A S1 230V I175C
rated voltage (Uin)	: 220-240 V
rated current (Iin)	: see product data per type
nature of supply	: ac
rated frequency	: 50/60 Hz
max. case temperature (tc)	: 80 °C
ambient temperature (ta)	: -40...+50 °C
power factor(pf)	: 0,95
output current(Iout)	: 0,3-1,05 Adc
output voltage (Uout)	: see product data per type
output power (Pout)	: see product data per type
degree of protection	: IP67
description	: Independent LED drivers

Additional information

- Constant current type with connecting leads or connectors
- Insulation between primary and secondary is considered as basic insulation
- LED driver is completely potted with PUR

Product data - type Xi LP 100W 0.3-1.05A S1 230V I175

output voltage (Uout)	: 46-143 Vdc; 220 Vdc Max.
rated current (Iin)	: 0,45-0,51Aac
output power (Pout)	: 100 W

Product data - type Xi LP 100W 0.3-1.05A S1 230V I175C

output voltage (Uout)	: 46-143 Vdc; 220 Vdc Max.
rated current (Iin)	: 0,45-0,51Aac
output power (Pout)	: 100 W

Product data - type Xi LP 150W 0.3-1.05A S1 230V I175

output voltage (Uout)	: 72-214 Vdc; 320 Vdc Max.
rated current (Iin)	: 0,6-0,7 Aac
output power (Pout)	: 150 W

Product data - type Xi LP 150W 0.3-1.05A S1 230V I175C

output voltage (Uout)	: 72-214 Vdc; 320 Vdc Max.
rated current (Iin)	: 0,6-0,7 Aac
output power (Pout)	: 150 W

TESTS**Test requirements**

Main test requirements:

EN 61347-1:2008 + A1:2011 + A2:2013

EN 61347-2-13:2014

EN 62384:2006 + A1:2009

Test results

The test results are laid down in DEKRA test file 2197581.00.

Remark

For component list refers to annex 1 of test reports 2197581.50.

Conclusion

The examination proved that all test requirements were met.

Tested by : J.G.H. Gelink

A blue ink signature of J.G.H. Gelink, featuring a stylized 'G' and 'J'.

Checked by : L.N.H. Huynh

A blue ink signature of L.N.H. Huynh, featuring a stylized 'H' and 'L'.

Factory locations

Hengdian Group Tospo lighting Co., Ltd.
Hengdian Industrial Zone,
322118 Dongyang City
Jinhua, Zhejiang Province
China

Taiwan Surface Mounting Technology (SuZhou) Co., Ltd.
No. 888 GanQuan Dong Road
Economic Technology Development Zone
WuJiang, Suzhou
China