

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 : Electronic driver for LED modules
Trade name : PHILIPS
Types : Xi LP 110W 0.2-0.7A S1 230V C150 sXt,
Xi LP 110W 0.3-1.0A S1 230V C150 sXt,
Xi LP 70W 0.2-0.7A S1 230V C150 sXt,
Xi LP 70W 0.3-1.0A S1 230V C150 sXt

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 2037471

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: 10 August 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2195748.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Wim Singewald
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Electronic driver for LED modules
trade name	: PHILIPS
types	: Xi LP 110W 0.2-0.7A SI 230V C150 sXt, Xi LP 110W 0.3-1.0A SI 230V C150 sXt, Xi LP 70W 0.2-0.7A SI 230V C150 sXt, Xi LP 70W 0.3-1.0A SI 230V C150 sXt
rated current	: see product data per type
rated voltage	: 220-240 V
rated input power	: see product data per type
nature of supply	: ac
rated frequency	: 50-60 Hz
max. case temperature (tc)	: 85 °C
power factor	: 0.95
output voltage	: see product data per type
output current	: see product data per type
max. output voltage	: see product data per type

Product data - type Xi LP 110W 0.2-0.7A SI 230V C150 sXt

rated current	: 0.53 A
rated input power	: 121 W
output voltage	: 70 - 220 V
output current	: 200 - 700 mA
max. output voltage	: 250 V

Product data - type Xi LP 110W 0.3-1.0A SI 230V C150 sXt

rated current	: 0.53 A
rated input power	: 121 W
output voltage	: 50 - 160 V
output current	: 300 - 1050 mA
max. output voltage	: 200 V

Product data - type Xi LP 70W 0.2-0.7A SI 230V C150 sXt

rated current	: 0.35 A
rated input power	: 78 W
output voltage	: 50 - 150 V
output current	: 200 - 700 mA
max. output voltage	: 170 V

Product data - type Xi LP 70W 0.3-1.0A SI 230V C150 sXt

rated current	: 0.35 A
rated input power	: 79 W
output voltage	: 32 - 100 V
output current	: 300 - 1050 mA
max. output voltage	: 120 V

TESTS**Test requirements**

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

EN 61347-2-13:2014

EN 62384:2006 + A1:2009

Test result

The test results are laid down in DEKRA test file 2195748.00.

Remarks

-The insulation between Mains Input/line switch to LED-Output is tested for Double insulation.

-The insulation between Input/Output/control to housing is tested for Double insulation.

-The insulation between Input to Control is tested for Double.

-For component list refers to annex 1 of the test reports 2195748.54, 2195748.56, 2195748.62 and 2195748.64

-Only type Xi LP 70W 0.3-1.0A SI 230V C150 sXt is SELV.

-This certificate supersedes certificate 2193440.04, dated on 27 May 2016 which is hereby declared invalid.

Conclusion

The examination proved that all test requirements were met.

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)

Supervised by : T.H.J.M. Michels

A handwritten signature in blue ink, appearing to read "T.H.J.M. Michels", written over a horizontal line.

Checked by : H.J.H. te Lindert

A handwritten signature in blue ink, appearing to read "H.J.H. te Lindert", written over a horizontal line.