

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 LED drivers
Trade name : PHILIPS
Types : XI 60W 0.08-0.35A 300V TD16CL 230V,
XI 100W 0.15-0.5A 300V iXt TDCL 230V,
XI 150W 0.2-0.7A 300V iXt TDCL 230V

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: 30 November 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2198853.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Wim Singewald
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Electronic LED drivers
trade name	: PHILIPS
types	: XI 60W 0.08-0.35A 300V TD16CL 230V, XI 100W 0.15-0.5A 300V iXt TDCL 230V, XI 150W 0.2-0.7A 300V iXt TDCL 230V
rated input current	: see product data per type
rated input voltage	: 220-240 Vac
rated input power	: see product data per type
nature of supply	: ac/dc
rated frequency	: 50/60 Hz; DC
output current ranges (Iout)	: see product data per type
output voltage ranges (Uout)	: 100-300 Vdc
open circuit voltage (Uout max.)	: 330 Vdc
output power (Pout)	: see product data per type
power factor (PF)	: 0.9C
max. case temperature (tc)	: see product data per type
ambient temperature ranges (ta)	: see product data per type

Additional information

- Insulation between primary and secondary to DALI is tested for basic insulation.
- Temperature declared thermally protected: 110 °C

Product data - type XI 60W 0.08-0.35A 300V TD16CL 230V

rated input current	: 0.3 A
rated input power	: 66 W
output power (Pout)	: 60 W
output current ranges (Iout)	: 0.08...0.35 A
max. case temperature (tc)	: 75 °C
ambient temperature ranges (ta)	: -25....+50 °C

Product data - type XI 100W 0.15-0.5A 300V iXt TDCL 230V

rated input current	: 0.49 A
rated input power	: 106 W
output power (Pout)	: 100 W
output current ranges (Iout)	: 0.15-0.50 A
max. case temperature (tc)	: 90 °C
ambient temperature ranges (ta)	: -40....+60 °C

Product data - type XI 150W 0.2-0.7A 300V iXt TDCL 230V

rated input current	:	0.72A
rated input power	:	159 W
output power (Pout)	:	150 W
output current ranges (Iout)	:	0.20-0.70 A
max. case temperature (tc)	:	90 °C
ambient temperature ranges (ta)	:	-40....+60 °C

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 2198853.00.

Remarks

- The list of component is laid down in test report 2198853.52, 2198853.54 and 2198853.56

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

Checked by : L.N.H. Huynh

