

CERTIFICATE

Issued to:
Applicant:
Philips (China) Investment Co., Ltd.
#9, Lane 888 Tianlin Road
Shanghai Business Park
200233 Shanghai
China

Manufacturer/Licensee:
Philips (China) Investment Co., Ltd.
#9, Lane 888 Tianlin Road
Shanghai Business Park
200233 Shanghai
China

Product : LED driver
Trade name : PHILIPS
Types : CertaDrive 12W 0.3A 40V I 230V
CertaDrive 13W 0.5A 26V I 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; EN 61347-2-13:2006; EN 62384:2006
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2101376

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.

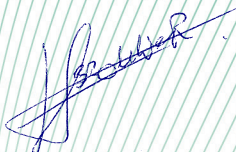
This certificate is issued on: 14 September 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2184841.03

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.J. Brouwer
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: LED driver
trade name	: PHILIPS
types	: CertaDrive 12W 0.3A 40V I 230V CertaDrive 13W 0.5A 26V I 230V
rated voltage	: 220...240 V
nature of supply	: ac
rated frequency	: 50/60 Hz;
ambient temperature (ta)	: 0...+50 °C
max. case temperature (tc)	: 75 °C
rated current	: see product data per type
output current	: see product data per type
output voltage	: see product data per type
output power	: see product data per type
total power	: see product data per type
power factor	: 0,85C
description	: independent

Product data - type CertaDrive 12W 0.3A 40V I 230V

rated current	: 0,07 A
Output current	: 0,3 A
Output voltage	: 32-40 V; 60Vdc MAX
Output power	: 12 W
Total power	: 14 W

Product data - type CertaDrive 13W 0.5A 26V I 230V

rated current	: 0,08 A
Output current	: 0,5 A
Output voltage	: 21-26 V; 60Vdc MAX
Output power	: 13 W
Total power	: 15 W

TESTS**Test requirements**

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

EN 61347-2-13:2006

EN 62384:2006 + A1:2009

Test results

The test results are laid down in DEKRA test file 2184841.00.

Remarks

The list of components are laid down in test report 2184841.62

This certificate is superseded by the original ENEC certificate 2174103.01.

Conclusion

The examination proved that all test requirements were met.

Tested by : J.G.H. Gelink

A handwritten signature in blue ink, appearing to be 'J.G.H. Gelink', written over a horizontal line.

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

A handwritten signature in blue ink, appearing to be 'T.H.J.M. Michels', written over a horizontal line.**Factory locations**

Zhejiang Mikia Lighting Co., Ltd.
No.1, Changsong Road,
Chang Songgang Functional District,
North Industrial New Park, Dongyang City
322104 Jinhua Zhejiang,
China

Ningbo Weilinma Electronics Co., Ltd.
Dongqiao Industrial Zone
Yinzhou District
Ningbo City, Zhejiang Province
China