

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(s) : LED driver
Trade name(s) : PHILIPS
Type(s)/model(s) : CertiDrive 12W 0.3A 40V I 230V
CertiDrive 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 60598-1:2015; EN 61347-1:2008+ A1:2011 + A2:2013; EN 61347-2-13:2006; 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: 17 February 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3198540.03

DEKRA Certification B.V.


drs. G.J. Zoetbrood
Managing Director


C. Lin
Certification Manager

© Integral publication of this certificate is allowed

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

Additional information

- Constant current type with screwless terminal
- SELV output

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
EN 60598-1:2015

Test results

The test results are laid down in DEKRA test file 3198540.00.

Remarks

The list of components are laid down in test report 3198540.62

This certificate supersedes the original certificate 2184841.03, dated 2015-09-14, which is herewith 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 : Vicky Zhang



Checked by : Lix Li



Factory locations

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

Ningbo Weilinma Electronics Co., Ltd.
Dongqiao Town Industrial Park
315157, Ningbo Zhejiang
China