

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) : CertaDrive 10W 0.25A 40V I 230V
CertaDrive 8W 0.2A 40V 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: 20 February 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3198540.04

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



C. Lin
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

| | | |
|--------------------------------|---|--|
| product | : | LED driver |
| trade name | : | PHILIPS |
| types | : | CertaDrive 10W 0.25A 40V I 230V CertaDrive 8W 0.2A 40V I 230V |
| rated voltage | : | 220-240 V |
| nature of supply | : | ac |
| rated frequency | : | 50/60 Hz |
| output current | : | see product data per type |
| output voltage | : | 32-40 Vdc |
| output voltage max. | : | 60 Vdc max |
| output current | : | see product data per type |
| max. case temperature (tc) | : | 75 °C |
| ambient temperature range (ta) | : | 0...+50 °C |
| description | : | independent |

Additional information

- Constant current type with screwless terminal
- SELV output

Product data - type CertaDrive 10W 0.25A 40V I 230V

Output current : 0,25 A

Product data - type CertaDrive 8W 0.2A 40V I 230V

Output current : 0,2 A

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

For component list refers to annex 1 of test reports 3198540.65.
This certificate supersedes the original certificate 2184841.04, 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

A handwritten signature in black ink, appearing to be "Vicky Zhang".

Checked by : Lix Li

A handwritten signature in black ink, appearing to be "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