

CERTIFICATE

Issued to:
Applicant:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven, The Netherlands

Licensee:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven, The Netherlands

Product : LED driver
Trade name(s) : PHILIPS
Type(s)/model(s) : CertaDrive 11W 0.25A 42V I 230V, CertaDrive 13W 0.3A 42V I 230V,
CertaDrive 15W 0.35A 42V I 230V, CertaDrive 17W 0.4A 42V I 230V,
CertaDrive 19W 0.45A 42V I 230V, CertaDrive 21W 0.5A 42V I 230V and
CertaDrive 8W 0.2A 42V 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 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 62384:2006, EN 62384:2006/A1:2009 and EN 60598-1:2015
- 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 certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 28 November 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-102160

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kreny Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: CertaDrive 11W 0.25A 42V I 230V, CertaDrive 13W 0.3A 42V I 230V, CertaDrive 15W 0.35A 42V I 230V, CertaDrive 17W 0.4A 42V I 230V, CertaDrive 19W 0.45A 42V I 230V, CertaDrive 21W 0.5A 42V I 230V and CertaDrive 8W 0.2A 42V I 230V
Rated voltage	: 220-240 V
Nature of supply	: ac
Rated frequency	: 50/60 Hz
Rated power factor	: 0,9C
Output voltage	: 30-42 Vdc, 60 Vdc max; SELV
Max. case temperature (tc)	: 75 °C
Description	: independent

Product data – type CertaDrive 11W 0.25A 42V I 230V

Rated input current	: 0,06 A
Rated input power	: 13,5 W
Output current	: 0,25 A
Output power	: 11 W

Product data – type CertaDrive 13W 0.3A 42V I 230V

Rated input current	: 0,07 A
Rated input power	: 15,5 W
Output current	: 0,3 A
Output power	: 13 W

Product data – type CertaDrive 15W 0.35A 42V I 230V

Rated input current	: 0,08 A
Rated input power	: 18 W
Output current	: 0,35 A
Output power	: 15 W

Product data – type CertaDrive 17W 0.4A 42V I 230V

Rated input current	: 0,09 A
Rated input power	: 20 W
Output current	: 0,4 A
Output power	: 17 W

Product data – type CertaDrive 19W 0.45A 42V I 230V

Rated input current	: 0,1 A
Rated input power	: 22 W
Output current	: 0,45 A
Output power	: 19 W

Product data – type CertaDrive 21W 0.5A 42V I 230V

Rated input current	: 0,11 A
Rated input power	: 24,5 W

Output current : 0,5 A
Output power : 21 W

Product data – type CertaDrive 8W 0.2A 42V I 230V

Rated input current : 0,05 A
Rated input power : 10,5 W
Output current : 0,2 A
Output power : 8 W

TESTS**Test requirements**

EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 61347-1:2015
EN 62384:2006
EN 62384:2006/A1:2009
EN 60598-1:2015

Test result

The test results are laid down in DEKRA test file 602044300.

Additional information

Constant current type with screwless terminal.

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).

The list of components is laid down at test report 6020443.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

Hengdian Group Tospo Lighting Co., Ltd.
No.88, Kexing Road Hengdian Electronics Industrial Zone
322118 Dongyang Zhejiang, China

Taiwan Surface Mounting Technology (SuZhou) Co., Ltd.
No. 888 GanQuan Dong Road Economic
Technology Development Zone WuJiang,
Suzhou, China