

CERTIFICATE

Issued to:
Applicant:
Signify Netherlands B.V.
High Tech Campus 48
5656 AE Eindhoven, The Netherlands

Licensee:
Signify Netherlands B.V.
High Tech Campus 48
5656 AE Eindhoven, The Netherlands

Product : LED Driver
Trade name(s) : PHILIPS
Type(s)/model(s) : CertaDrive pW xA 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(s) EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN IEC 62384:2020, EN 60598-1:2015/A1:2018 and EN 60598-1:2015
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA 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 and under the conditions of the ENEC certification agreement.

This certificate is issued on 23 February 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-121154 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. 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 pW xA 42V I 230V
Rated voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Rated input current	: 0,05-0,12 A
Power factor	: 0,9C
Output current	: 0,2-0,5 Adc
Output voltage	: 30-42 Vdc, max: 60 Vdc (Open circuit); SELV
Output power	: 8-21 W max
Max. case temperature (tc)	: 75 °C
Ambient temperature (ta)	: -20...+50 °C
Description	: Independent

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020
EN 60598-1:2015/A1:2018
EN 60598-1:2015

Test result

The test results are laid down in DEKRA test file 611521800, 612483600.

Additional information

Constant current type with screwless terminal block

CertaDrive pW xA 42V I 230V

p: driver output power, one or two digits, from 8 to 21

x: min output current under max full output condition, one or two or three digits, from 0,2 to 0,5

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).

This certificate replaces certificate No. 31-121154 which we hereby declare invalid.

The list of components is laid down in test report 6124836.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 306303 and 1845.

Model name	Input Current, AC	Input Power	Output Current, DC	Output Power	PF
CertaDrive 21W 0.5A 42V I 230V	0,12A	25W	0,5A	21W	0,96
CertaDrive 19W 0.45A 42V I 230V	0,11A	22,5W	0,45A	19W	0,96
CertaDrive 17W 0.4A 42V I 230V	0,09A	20W	0,4A	17W	0,97
CertaDrive 15W 0.35A 42V I 230V	0,08A	18W	0,35A	15W	0,97
CertaDrive 13W 0.3A 42V I 230V	0,07A	15,5W	0,3A	13W	0,96
CertaDrive 11W 0.25A 42V I 230V	0,06A	13W	0,25A	11W	0,95
CertaDrive 8W 0.2A 42V I 230V	0,05A	10W	0,2A	8W	0,95