

CERTIFICATE

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

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

Product : Electronic controlgear for LED modules
Trade name(s) : PHILIPS or SIGNIFY
Type(s)/model(s) : CertaDrive 20W 0.5A 40V 230V I G5, CertaDrive 24W 0.6A 40V 230V I G5,
CertaDrive 28W 0.7A 40V 230V I G5, CertaDrive 32W 0.8A 40V 230V I G5,
CertaDrive 36W 0.9A 40V 230V I G5 and CertaDrive 42W 1.05A 40V 230V I G5

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:

- a type test according to EN 61347-2-13:2014/A1:2017, EN 61347-2-13:2014, EN 61347-1:2015, EN 61347-1:2015/A1:2021 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 947556

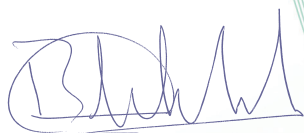
DEKRA hereby grants the right to use the ENEC certification mark.

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 8 November 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-149346

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic controlgear for LED modules
Trade name(s)	: PHILIPS or SIGNIFY
Type(s)/model(s)	: CertaDrive 20W 0.5A 40V 230V I G5, CertaDrive 24W 0.6A 40V 230V I G5, CertaDrive 28W 0.7A 40V 230V I G5, CertaDrive 32W 0.8A 40V 230V I G5, CertaDrive 36W 0.9A 40V 230V I G5 and CertaDrive 42W 1.05A 40V 230V I G5
Input voltage	: 220-240 Vac
Frequency	: 50/60 Hz
Output voltage	: 30-40 Vdc
Max. working voltage (Uout)	: 60 Vdc
Max. case temperature (tc)	: 75 °C
Ambient temperature (ta)	: -20...+40°C
Description	: independent; SELV

Product data – type CertaDrive 20W 0.5A 40V 230V I G5

Power factor	: 0,95
Input current	: 0,11 A
Input power	: 23 W
Output current	: 0,5 A
Output power	: 20 W

Product data – type CertaDrive 24W 0.6A 40V 230V I G5

Power factor	: 0,95
Input current	: 0,13 A
Input power	: 27 W
Output current	: 0,6 A
Output power	: 24 W

Product data – type CertaDrive 28W 0.7A 40V 230V I G5

Power factor	: 0,97
Input current	: 0,15 A
Input power	: 31,5 W
Output current	: 0,7 A
Output power	: 28 W

Product data – type CertaDrive 32W 0.8A 40V 230V I G5

Power factor	: 0,97
Input current	: 0,17 A
Input power	: 36 W
Output current	: 0,8 A
Output power	: 32 W

Product data – type CertaDrive 36W 0.9A 40V 230V I G5

Power factor	: 0,98
Input current	: 0,19 A
Input power	: 40,5 W
Output current	: 0,9 A
Output power	: 36 W

Product data – type CertaDrive 42W 1.05A 40V 230V I G5

Power factor	: 0,98
Input current	: 0,21 A
Input power	: 46,5 W
Output current	: 1,05 A
Output power	: 42 W

TESTS**Test requirements**

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

Test result

The test results are documented in DEKRA test file 620711000.

Additional information

The insulation between primary and secondary is considered as reinforced insulation.

The electrical output is SELV isolated.

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturer's right to conduct type tests for the ENEC certification system under supervision of DEKRA (CTF Stage 3).

The list of components is laid down in test report 6207110.50 and 6207110.51.

Conclusion

The examination has confirmed that all requirements were met.

Factory locations

The factory locations are registered with the numbers 306303, 312808 and 1845.

Trade name(s) : PHILIPS Stands for **PHILIPS**