

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
Type(s)/model(s) : CertaDrive 10W 0.25A 40V I 230V, CertaDrive 12W 0.3A 40V I 230V,
CertaDrive 14W 0.35A 40V I 230V, CertaDrive 16W 0.4A 40V I 230V,
CertaDrive 18W 0.45A 40V I 230V, CertaDrive 20W 0.5A 40V I 230V and
CertaDrive 8W 0.2A 40V I 230V

The product and any acceptable variation thereto as 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 EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022 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 24 March 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-138281

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic Controlgear for LED modules
Trade name(s)	: PHILIPS
Type(s)/model(s)	: CertaDrive 10W 0.25A 40V I 230V, CertaDrive 12W 0.3A 40V I 230V, CertaDrive 14W 0.35A 40V I 230V, CertaDrive 16W 0.4A 40V I 230V, CertaDrive 18W 0.45A 40V I 230V, CertaDrive 20W 0.5A 40V I 230V and CertaDrive 8W 0.2A 40V I 230V
Input voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Power factor (PF)	: 0,95
Output voltage	: 30-40 Vdc
Max working voltage (Uout)	: 60 Vdc
Ambient temperature range (ta)	: -20...+50 °C
Max case temperature (tc)	: 75 °C
Description	: SELV; Independent; Class II

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

Input current	: 0,06 A
Input power	: 12 W
Output current	: 0,25 Adc
Output power	: 10 W

Product data – type CertaDrive 12W 0.3A 40V I 230V

Input current	: 0,07 A
Input power	: 14 W
Output current	: 0,3 Adc
Output power	: 12 W

Product data – type CertaDrive 14W 0.35A 40V I 230V

Input current	: 0,08 A
Input power	: 16 W
Output current	: 0,35 Adc
Output power	: 14 W

Product data – type CertaDrive 16W 0.4A 40V I 230V

Input current	: 0,10 A
Input power	: 19 W
Output current	: 0,4 Adc
Output power	: 16 W

Product data – type CertaDrive 18W 0.45A 40V I 230V

Input current	: 0,11 A
Input power	: 21 W
Output current	: 0,45 Adc
Output power	: 18 W

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

Input current	: 0,12 A
Input power	: 23 W
Output current	: 0,5 Adc
Output power	: 20 W

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

Input current	: 0,05 A
Input power	: 10 W
Output current	: 0,20 Adc
Output power	: 8 W

TESTS**Test requirements**

EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN IEC 60598-1:2021
EN IEC 60598-1:2021/A11:2022
EN IEC 62384:2020

Test result

The test results are laid down in DEKRA test file 618072100.

Additional information

The list of components is laid down in test report 6180721.50.

Conclusion

The examination proved that all requirements were met.

Factory location

The factory location is registered with the number 37858.