

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 19W 200-350mA 54V DS 230V,
CertaDrive 44W 200-350mA 125V DS 230V and
CertaDrive 65W 200-350mA 185V DS 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 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and 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 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 29 October 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-110932

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
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 19W 200-350mA 54V DS 230V, CertaDrive 44W 200-350mA 125V DS 230V and CertaDrive 65W 200-350mA 185V DS 230V
Input voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Power factor	: 0,9C
Output current	: 0,20/0,25/0,30/0,35A
Ambient temperature range (ta)	: -20°C...+50°C
Description	: Built-in

Product data – type CertaDrive 19W 200-350mA 54V DS 230V

Input current	: 0,09A
Input power	: 22 W
Output voltage	: 30-54Vdc
Max. output voltage (Uout)	: 210Vdc
Output power	: 19W
Max. case temperature (tc)	: 75°C

Product data – type CertaDrive 44W 200-350mA 125V DS 230V

Input current	: 0,2A
Input power	: 48 W
Output voltage	: 70-125Vdc
Max. output voltage (Uout)	: 210Vdc
Output power	: 44W
Max. case temperature (tc)	: 85°C

Product data – type CertaDrive 65W 200-350mA 185V DS 230V

Input current	: 0,3A
Input power	: 72 W
Output voltage	: 120-185Vdc
Max. output voltage (Uout)	: 250Vdc
Output power	: 65W
Max. case temperature (tc)	: 85°C

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 606389500.

Additional information

Constant current type and with terminal block

For component list refers to annex 1 of test reports 6063895.50.

Conclusion

The examination proved that all requirements were met.

Factory location

The factory location is registered with the number 41289.