

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 41W 0.5-0.8A 51V DS 230V,
CertaDrive 54W 0.9/1.05A 51V DS 230V and
CertaDrive 72W 1.2/1.4A 51V 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

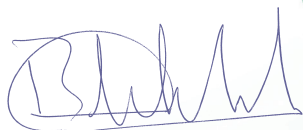
DEKRA hereby grants the right to use the ENEC certification mark.

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.

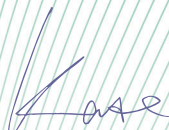
This certificate is issued on 25 November 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-111354

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: CertaDrive 41W 0.5-0.8A 51V DS 230V, CertaDrive 54W 0.9/1.05A 51V DS 230V and CertaDrive 72W 1.2/1.4A 51V DS 230V
Input voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Power factor	: 0,9C
Output voltage (Uout)	: 23-51Vdc, 60Vdc max
Ambient temperature range (ta)	: -20°C...+50°C
Max. case temperature (tc)	: 75°C
Description	: Built-in; SELV

Product data – type CertaDrive 41W 0.5-0.8A 51V DS 230V

Input current	: 0,2A
Input power	: 46 W
Output current	: 0,5/0,6/0,7/0,8A
Output power	: 41W

Product data – type CertaDrive 54W 0.9/1.05A 51V DS 230V

Input current	: 0,26A
Input power	: 61 W
Output current	: 0,9/1,05A
Output power	: 54W

Product data – type CertaDrive 72W 1.2/1.4A 51V DS 230V

Input current	: 0,36A
Input power	: 80 W
Output current	: 1,2/1,4A
Output power	: 72W

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 606440000.

Additional information

Constant current type and with terminal block

For component list refers to annex 1 of test reports 6064400.50.

Conclusion

The examination proved that all requirements were met.

Factory location

The factory location is registered with the number 41289.