

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) : Xi 45W 0.3-1.2A 48V MC FlexTune 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 62384:2006, EN 62384:2006/A1:2009, EN 60598-1:2015 and EN 60598-1:2015/A1:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 947556

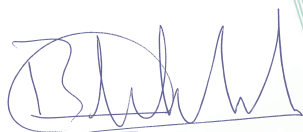
DEKRA hereby grants the right to use the ENEC certification mark.

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 28 July 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-120084

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xi 45W 0.3-1.2A 48V MC FlexTune 230V
Rated input voltage	: 220-240 VAC or 186-250 VDC
Rated frequency	: 50/60 Hz at ac
Power factor (pf)	: 0,9C
Input current	: 0,26 Aac or 0,28-0,16 Adc
Output current	: 0,3-1,2 A
Output voltage	: 24-48 Vdc, 60 Vdc Max.
Output power	: 45 W
Ambient temperature range(ta)	: -25...+50 °C
Max. case temperature (tc)	: +85 °C
Temperature declared thermally protection	: 110°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 62384:2006
EN 62384:2006/A1:2009
EN 60598-1:2015
EN 60598-1:2015/A1:2018

Test result

The test results are laid down in DEKRA test file 610898800.

Additional information

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. 31-118233 which we hereby declare invalid.

The list of components is laid down in test report 6108988.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 306303, 326285 and 1845.