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)	:	Xi 45W 0.3-1.2A 48V MC FlexTune 230V

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, EN 61347-2-13:2014/A1:2017, 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 15 July 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-120084 REV.2

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

Kate Xu
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Electronic controlgear for LED modules
Trade name(s)	:	PHILIPS or SIGNIFY
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 input frequency	:	50/60 Hz at ac
Power factor	:	0,9C
Rated input current	:	0,26 Aac or 0,28-0,16 Adc
Output current (Irated)	:	0,3-1,2 A
Output voltage	:	24-48 Vdc
Output power (Prated)	:	45 W
Ambient temperature range(ta)	:	-25…+50 °C
Max. case temperature (tc)	:	+85 °C
Temperature declared thermally protection	:	110°C
Description	:	Independent; SELV
Rated input power	:	51,5 W
Max. working voltage (Uout)	:	60 Vdc Max.

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 62384:2020

Test result

The test results are documented in DEKRA test file 6231319.50 and 6231319.51.

Additional information

constant current type
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).

This certificate replaces certificate No. 31-120084 REV.1 which we hereby declare invalid.

The list of components is laid down in test report 6231319.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

The factory location is registered with the number 306303.