

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 : Electronic controlgear for LED modules
Trade name(s) : PHILIPS
Type(s)/model(s) : Xi EP LV pW xA-yA WL 1-10V lm and Xi EP LV pW xA-yA WL lm

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 62384:2020, EN IEC 60598-1:2021 and EN IEC 60598-1:2021/A11:2022
- 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 23 March 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-121954 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic controlgear for LED modules
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xi EP LV pW xA-yA WL 1-10V Im and Xi EP LV pW xA-yA WL Im
Rated voltage	: 100-277 V
Rated frequency	: 50/60 Hz
Rated input current	: 0,25-1,5 A
Power factor	: 0,95
Output current	: 0,9-8,3 Adc
Output voltage	: 24-50 Vdc, max: 60 Vdc (Open circuit); SELV
Output power	: 65~250 W
Max. case temperature (tc)	: 90 °C / 85 °C
Ambient temperature (ta)	: -40...+55 °C
Description	: Independent; IP67

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
EN IEC 60598-1:2021
EN IEC 60598-1:2021/A11:2022

Test result

The test results are laid down in DEKRA test file 615418000.

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. 31-121954 which we hereby declare invalid.

The list of components is laid down in test report 6154180.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

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

Xi EP LV pW xA-yA WL 1-10V Im

Xi EP LV pW xA-yA WL Im

p: Driver output power, two or three digits, from 65 to 250.

x: The minimum adjusted output current by NFC function, one or two or three digits, from 0,9 to 4,0.

y: The maximum adjusted output current by NFC function, one or two or three digits, from 2,2 to 8,3.

m: The length of housing, three digits, from 120 to 215.

Model name	Input Current, AC	Output Current, DC	Output Voltage, DC	Output Power	tc
Xi EP LV 250W 4.0-8.3A 1-10V WL I215	1,5-1,1A	4,0-8,3A	24-50V	250W	90° C
Xi EP LV 250W 4.0-8.3A WL I215					
Xi EP LV 200W 3.0-6.7A 1-10V WL I195	1,2-0,88A	3,0-6,7A	24-50V	200W	85° C
Xi EP LV 200W 3.0-6.7A WL I195					
Xi EP LV 150W 2.0-5.0A 1-10V WL I175	0,9-0,6A	2,0-5,0A	24-50V	150W	85° C
Xi EP LV 150W 2.0-5.0A WL I175					
Xi EP LV 100W 1.3-3.4A 1-10V WL I155	0,6-0,45A	1,3-3,4A	24-50V	100W	85° C
Xi EP LV 100W 1.3-3.4A WL I155					
Xi EP LV 65W 0.9-2.2A 1-10V WL I120	0,41-0,25A	0,9-2,2A	24-50V	65W	85° C
Xi EP LV 65W 0.9-2.2A WL I120					