

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 driver for LED modules
Trade name(s) : PHILIPS
Type(s)/model(s) : Xi SR 165W 0.2 – 0.7A SNEMP 230V C170 sXt and Xi SR 165W 0.3 – 1.0A SNEMP 230V C170 sXt

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 11 November 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-108757 REV.1

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	: Electronic driver for LED modules
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xi SR 165W 0.2 – 0.7A SNEMP 230V C170 sXt and Xi SR 165W 0.3 – 1.0A SNEMP 230V C170 sXt
Rated voltage	: 220 - 240 V
Nature of supply	: ac/dc
Rated frequency	: 50/60 Hz; DC
Ambient temperature range	: ta = -40... +55 °C
Max. case temperature	: tc = +90 °C
Power factor	: pf = 0.95
Output power	: 165 W
Description	: Double insulated built-in LED driver with isolated output.

Product data – type Xi SR 165W 0.2 – 0.7A SNEMP 230V C170 sXt

Rated input current	: 0.83 - 0.76 A
Rated input power	: 183 W
Output voltage range	: 100 - 300 Vdc
Open circuit voltage (Uout max)	: 350 V
Output current range	: 200 - 700 mA

Product data – type Xi SR 165W 0.3 – 1.0A SNEMP 230V C170 sXt

Rated input current	: 0.85 - 0.76 A
Rated input power	: 184 W
Output voltage range	: 80 - 235 Vdc
Open circuit voltage (Uout max)	: 280 V
Output current range	: 300 - 1050 mA

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 224142300.

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).

- The insulation between Input to Output / SR (Incl Aux) is: Reinforced insulation
- The insulation between Input to Equi is: Reinforced insulation
- The insulation between Output / SR (Incl. Aux) to Equi is: Basic insulation
- The insulation between Output to SR (Incl. Aux) is: Basic insulation

This certificate replaces certificate No. 71-108757 which we herewith declare invalid.

The list of components is laid down at test report 2241423.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

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ul Przemysłowa 29
64-920 Pila, Poland

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Economic Technology Development Zone
215200 Suzhou, China