

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) : Xitanium Dim 100W 0.7A 1-10V 230V Y,
Xitanium Dim 100W 1.05A 1-10V 230V Y,
Xitanium Dim 150W 0.7A 1-10V 230V Y and
Xitanium Dim 150W 1.05A 1-10V 230V Y

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 20 January 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-112330

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED Driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xitanium Dim 100W 0.7A 1-10V 230V Y, Xitanium Dim 100W 1.05A 1-10V 230V Y, Xitanium Dim 150W 0.7A 1-10V 230V Y and Xitanium Dim 150W 1.05A 1-10V 230V Y
Rated voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Rated ambient temperature (ta)	: -40...+55 °C
Max. case temperature (tc)	: 80 °C
Description	: Built-in

Product data – type Xitanium Dim 100W 0.7A 1-10V 230V Y

Power factor	: 0,95
Input current	: 0,4-0,56 Aac
Output current	: 0,7 Adc
Output voltage	: 64-143 Vdc; 220 Vdc (Max. open circuit)

Product data – type Xitanium Dim 100W 1.05A 1-10V 230V Y

Power factor	: 0,95
Input current	: 0,4-0,56 Aac
Output current	: 1,05 Adc
Output voltage	: 42-95 Vdc; 170 Vdc (Max. open circuit)

Product data – type Xitanium Dim 150W 0.7A 1-10V 230V Y

Power factor	: 0,98
Input current	: 0,6-0,83 Aac
Output current	: 0,7 Adc
Output voltage	: 96-214 Vdc; 320 Vdc (Max. open circuit)

Product data – type Xitanium Dim 150W 1.05A 1-10V 230V Y

Power factor	: 0,98
Input current	: 0,6-0,83 Aac
Output current	: 1,05 Adc
Output voltage	: 62-142 Vdc; 220 Vdc (Max. open circuit)

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 606676900.

Additional information

constant current type with lead wires
LED driver is completely potted with asphalt
insulation between primary and secondary is considered as basic insulation

For component list refers to annex 1 of test reports 6066769.50.

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. 31-107093 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory locations

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