

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 20W WH 0.15-0.5A 54V Is G2, Xitanium 36W WH 0.3-1.05A 54V Is G2
and Xitanium 50W WH 0.7-1.5A 54V Is G2

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, EN 62384:2006/A1:2009, EN 60598-1:2015 and EN 60598-1:2015/A1:2018
- 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 28 September 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-110401

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	: LED driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xitanium 20W WH 0.15-0.5A 54V Is G2, Xitanium 36W WH 0.3-1.05A 54V Is G2 and Xitanium 50W WH 0.7-1.5A 54V Is G2
Rated input voltage	: 220-240 Vac / 186-250 Vdc
Rated frequency	: 50/60 Hz at ac
Output voltage	: 60 Vmax; SELV
Power factor (pf)	: 0,9C
Temperature declared thermally protection	: 110 °C
Description	: independent

Product data – type Xitanium 20W WH 0.15-0.5A 54V Is G2

Rated input current	: 0,12 Aac / 0,1-0,13 Adc
Rated input power	: 24 W
Output power	: 20 W
Output current	: 0,15-0,5 A
Mac. case temperature (tc)	: 75 °C
Ambient temperature range(ta)	: -20...+55 °C

Product data – type Xitanium 36W WH 0.3-1.05A 54V Is G2

Rated input current	: 0,21 Aac / 0,17-0,23 Adc
Rated input power	: 44 W
Output power	: 36 W
Output current	: 0,3-1,05 A
Mac. case temperature (tc)	: 80 °C
Ambient temperature range(ta)	: -20...+50 °C (>0,7A output); -20...+55 °C (≤ 0,7A output)

Product data – type Xitanium 50W WH 0.7-1.5A 54V Is G2

Rated input current	: 0,29 Aac / 0,23-0,32 Adc
Rated input power	: 60 W
Output power	: 50 W
Output current	: 0,7-1,5 A
Mac. case temperature (tc)	: 85 °C
Ambient temperature range(ta)	: -20...+50 °C

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
EN 60598-1:2015
EN 60598-1:2015/A1:2018

Test result

The test results are laid down in DEKRA test file 606330300.

Additional information

- suitable for emergency lighting luminaire acc. IEC 60598-2-22. excluding high risk task areas.

For component list refers to annex 1 of test reports 6063303.50.

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).

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 674666 and 305810.