

CERTIFICATE

Issued to:
Applicant:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven, The Netherlands

Manufacturer/Licensee:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven, The Netherlands

Product : LED driver
Trade name(s) : PHILIPS
Type(s)/model(s) : Xitanium 29W 0.5/0.7A 42V 230V, Xitanium 38W 0.6/0.7A 54V 230V,
Xitanium 57W 0.9/1.05A 54V 230V and Xitanium 59W 1.2/1.4A 42V 230V

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 61347-2-13:2014, EN 61347-1:2015, 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 13 August 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-101088

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kreny Lin
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 29W 0.5/0.7A 42V 230V, Xitanium 38W 0.6/0.7A 54V 230V, Xitanium 57W 0.9/1.05A 54V 230V and Xitanium 59W 1.2/1.4A 42V 230V
Rated input voltage	: 220-240
Nature of supply	: ac
Rated frequency	: 50/60 Hz
Ambient temperature (ta)	: -20...+50 °C
Power factor (PF)	: 0,9C
Description	: Built-in LED driver with SELV output
Temperature declared thermally protection	: 110 °C

Product data – type Xitanium 29W 0.5/0.7A 42V 230V

Rated input current	: 0,16 A
Rated input power	: 33,6 W
Output current	: 0,5/0,7 A
Output voltage	: 27-42 Vdc, 60 Vdc Max
Output power	: 21/29 W
Case temperature (tc)	: 70 °C

Product data – type Xitanium 38W 0.6/0.7A 54V 230V

Rated input current	: 0,21 A
Rated input power	: 43,4 W
Output current	: 0,6/0,7 A
Output voltage	: 27-54 Vdc, 70 Vdc Max
Output power	: 32/38 W
Case temperature (tc)	: 75 °C

Product data – type Xitanium 57W 0.9/1.05A 54V 230V

Rated input current	: 0,31 A
Rated input power	: 65,2 W
Output current	: 0,9/1,05 A
Output voltage	: 27-54 Vdc, 70 Vdc Max
Output power	: 49/57 W
Case temperature (tc)	: 75 °C

Product data – type Xitanium 59W 1.2/1.4A 42V 230V

Rated input current	: 0,32 A
Rated input power	: 67,5 W
Output current	: 1,2/1,4 A
Output voltage	: 27-42 Vdc, 60 Vdc Max
Output power	: 50/59 W
Case temperature (tc)	: 75 °C

TESTS**Test requirements**

EN 61347-2-13:2014

EN 61347-1:2015
EN 62384:2006
EN 62384:2006/A1:2009

Test result

The test results are laid down in DEKRA test file 601381300.

Additional Information

For component list refers to annex 1 of test reports 6013813.50 and 6013813.51.

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

Hengdian Group Tospo Lighting Co., Ltd.
Hengdian Industrial Zone, 322118
Dongyang City, Jinhua,
Zhejiang Province, China

Taiwan Surface Mounting Technology (SuZhou) Co., Ltd.
No. 888 GanQuan Dong Road
Economic Technology Development Zone
Wujiang, Suzhou, China