

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 10W/a 0.2/0.25A 40V 3CB 230V,
Xitanium 10W/a 0.2/0.25A 40V 3CG 230V,
Xitanium 10W/a 0.2/0.25A 40V 3CW 230V,
Xitanium 20W/a 0.35/0.5A 40V 3CB 230V,
Xitanium 20W/a 0.35/0.5A 40V 3CG 230V,
Xitanium 20W/a 0.35/0.5A 40V 3CW 230V,
Xitanium 30W/a 0.6/0.75A 40V 3CB 230V,
Xitanium 30W/a 0.6/0.75A 40V 3CG 230V,
Xitanium 30W/a 0.6/0.75A 40V 3CW 230V,
Xitanium 32W/a 0.7/0.8A 40V 3CB 230V,
Xitanium 32W/a 0.7/0.8A 40V 3CG 230V,
Xitanium 32W/a 0.7/0.8A 40V 3CW 230V,
Xitanium 42W/a 0.9/1.05A 40V 3CB 230V,
Xitanium 42W/a 0.9/1.05A 40V 3CG 230V and
Xitanium 42W/a 0.9/1.05A 40V 3CW 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:

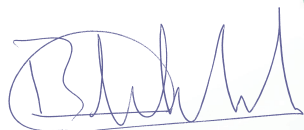
- a type test according to the standard EN 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006, EN 62384:2006/A1:2009, EN 60598-1:2015, EN 60598-1:2015/A1:2018, EN 60570:2003 and EN 60570:2003/A1:2018
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 947556

DEKRA hereby grants the right to use the ENEC certification mark.

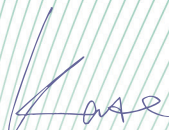
The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 1 February 2019 and expires upon withdrawal of one of the above mentioned standards.

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



Certificate number: 31-107352

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xitanium 10W/a 0.2/0.25A 40V 3CB 230V, Xitanium 10W/a 0.2/0.25A 40V 3CG 230V, Xitanium 10W/a 0.2/0.25A 40V 3CW 230V, Xitanium 20W/a 0.35/0.5A 40V 3CB 230V, Xitanium 20W/a 0.35/0.5A 40V 3CG 230V, Xitanium 20W/a 0.35/0.5A 40V 3CW 230V, Xitanium 30W/a 0.6/0.75A 40V 3CB 230V, Xitanium 30W/a 0.6/0.75A 40V 3CG 230V, Xitanium 30W/a 0.6/0.75A 40V 3CW 230V, Xitanium 32W/a 0.7/0.8A 40V 3CB 230V, Xitanium 32W/a 0.7/0.8A 40V 3CG 230V, Xitanium 32W/a 0.7/0.8A 40V 3CW 230V, Xitanium 42W/a 0.9/1.05A 40V 3CB 230V, Xitanium 42W/a 0.9/1.05A 40V 3CG 230V and Xitanium 42W/a 0.9/1.05A 40V 3CW 230V
Rated input voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Power factor	: 0,9C
U-out	: 30-40 Vdc; 60 Vdc max; SELV
Ambient temperature (ta)	: -20...+35 °C
Max.case temperature (tc)	: 85 °C
Description	: independent

Product data – type Xitanium 10W/a 0.2/0.25A 40V 3CB 230V, Xitanium 10W/a 0.2/0.25A 40V 3CG 230V and Xitanium 10W/a 0.2/0.25A 40V 3CW 230V

Rated input current	: 0,065 A
Rated input power	: 13 W
Output current	: 0,2/0,25 A
Output power	: 8/10 W

Product data – type Xitanium 20W/a 0.35/0.5A 40V 3CB 230V, Xitanium 20W/a 0.35/0.5A 40V 3CG 230V and Xitanium 20W/a 0.35/0.5A 40V 3CW 230V

Rated input current	: 0,12 A
Rated input power	: 25 W
Output current	: 0,35/0,5 A
Output power	: 14/20 W

Product data – type Xitanium 30W/a 0.6/0.75A 40V 3CB 230V, Xitanium 30W/a 0.6/0.75A 40V 3CG 230V and Xitanium 30W/a 0.6/0.75A 40V 3CW 230V

Rated input current	: 0,19 A
Rated input power	: 37 W
Output current	: 0,6/0,75 A
Output power	: 24/30 W

Product data – type Xitanium 32W/a 0.7/0.8A 40V 3CB 230V, Xitanium 32W/a 0.7/0.8A 40V 3CG 230V and Xitanium 32W/a 0.7/0.8A 40V 3CW 230V

Rated input current	: 0,19 A
Rated input power	: 38 W
Output current	: 0,7/0,8 A
Output power	: 28/32 W

Product data – type Xitanium 42W/a 0.9/1.05A 40V 3CB 230V, Xitanium 42W/a 0.9/1.05A 40V 3CG 230V and Xitanium 42W/a 0.9/1.05A 40V 3CW 230V

Rated input current	: 0,25 A
Rated input power	: 50 W
Output current	: 0,9/1,05 A
Output power	: 36/42 W

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
EN 60570:2003
EN 60570:2003/A1:2018

Test result

The test results are laid down in DEKRA test file 604744000.

Additional information

Constant current type
LED driver integrated with track adaptor

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. 31-106053 which we herewith declare invalid.

The list of components is laid down at test report 6047440.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

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