

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) : Xitanium 35W 0.08-0.35A 220V TD16 230V,
Xitanium 60W 0.08-0.35A 300V TD16 230V and
Xitanium 60W 0.15-0.5A 220V TD16 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(s) 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 factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 947556

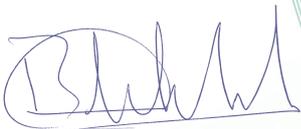
DEKRA hereby grants the right to use the ENEC certification mark.

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

This certificate is issued on 18 November 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-108234 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
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)	: Xitanium 35W 0.08-0.35A 220V TD16 230V, Xitanium 60W 0.08-0.35A 300V TD16 230V and Xitanium 60W 0.15-0.5A 220V TD16 230V
Rated voltage/nature of supply	: 220-240 Vac/dc
Rated frequency	: 50/60 Hz; DC
Ambient temperature range	: ta: -25... +50 °C
Cmax. case temperature	: tc: 75 °C
Power factor	: pf: 0.9C
Description	: built-in LED drivers

Product data – type Xitanium 35W 0.08-0.35A 220V TD16 230V

Rated input current (I _{in})	: 0.18 A
Rated input power (P _{in})	: 39 W
Output voltage range (U _{out})	: 50-220 Vdc
Open circuit voltage (U _{out} max)	: 250 V
Output current range (I _{out})	: 0.08-0.35 Adc
Output power (P _{out})	: 35 W

Product data – type Xitanium 60W 0.08-0.35A 300V TD16 230V

Rated input current (I _{in})	: 0.30 A
Rated input power (P _{in})	: 66 W
Output voltage range (U _{out})	: 100-300 Vdc
Open circuit voltage (U _{out} max)	: 330 V
Output current range (I _{out})	: 0.08-0.35 Adc
Output power (P _{out})	: 60 W

Product data – type Xitanium 60W 0.15-0.5A 220V TD16 230V

Rated input current (I _{in})	: 0.30 A
Rated input power (P _{in})	: 66 W
Output voltage range (U _{out})	: 50-220 Vdc
Open circuit voltage (U _{out} max)	: 250 V
Output current range (I _{out})	: 0.15-0.5 Adc
Output power (P _{out})	: 60 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

Test result

The test results are laid down in DEKRA test file 223639000.

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 In/output to Metal enclosure/PE: Basic insulation

The insulation between In/output to DALI: Basic insulation

The insulation between DALI to Metal enclosure/PE: Basic insulation

This certificate replaces certificate No. 71-108234 which we hereby declare invalid.

The list of components is laid down in test report 2236390.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 674666, 305810 and 1845.