

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 TD21 230V,
Xitanium 60W 0.08-0.35A 300V TD21 230V and
Xitanium 60W 0.15-0.5A 220V TD21 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 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

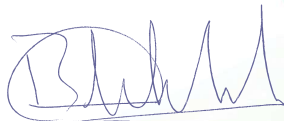
DEKRA hereby grants the right to use the ENEC certification mark.

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 23 April 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-108235

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



JMg Marggraf
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



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 TD21 230V, Xitanium 60W 0.08-0.35A 300V TD21 230V and Xitanium 60W 0.15-0.5A 220V TD21 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 TD21 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 TD21 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 TD21 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.