

# 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 IA21 230V,  
Xitanium 35W 0.08-0.35A 220V MC21 230V,  
Xitanium 60W 0.15-0.5A 220V IA21 230V and  
Xitanium 60W 0.15-0.5A 220V MC21 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

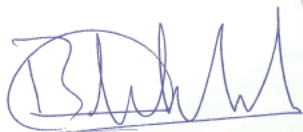
DEKRA hereby grants the right to use the ENEC certification mark.

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 6 November 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-116259

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
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 IA21 230V, Xitanium 35W 0.08-0.35A 220V MC21 230V, Xitanium 60W 0.15-0.5A 220V IA21 230V and Xitanium 60W 0.15-0.5A 220V MC21 230V
Rated input voltage/nature of supply	: 220 - 240 Vac 186 - 250 Vdc
Rated frequency	: 50/60 Hz; DC
Output voltage ranges	: 50 - 220 Vdc
Open circuit voltage (U-OUT)	: 250 V max.
Power factor	: pf: 0.9C
Max. case temperature	: tc: + 75 °C
Ambient temperature range	: ta: -25... +50 °C

**Product data – type Xitanium 35W 0.08-0.35A 220V IA21 230V and Xitanium 35W 0.08-0.35A 220V MC21 230V**

Rated input current	: 0.18 Aac 0.20 Adc
Rated input power	: 39 W
Output current range	: 0.08 - 0.35 Adc
Output power	: 35 W

**Product data – type Xitanium 60W 0.15-0.5A 220V IA21 230V and Xitanium 60W 0.15-0.5A 220V MC21 230V**

Rated input current	: 0.30 Aac 0.36 Adc
Rated input power	: 66 W
Output current range	: 0.15 - 0.50 Adc
Output power	: 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 224990400.

**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).

- Input and output are not mains isolated.
- The driver is suitable for emergency luminaires in compliance with IEC 60598-2-22, excluding high-risk task areas.
- Temperature declared thermally protected 110 °C

The list of components is laid down in test report 2249904.50.

**Conclusion**

The examination proved that all requirements were met.