

# 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 TD21CL 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(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 4 August 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-108235 REV.2

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



R Zhou  
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 TD21CL 230V, Xitanium 60W 0.08-0.35A 300V TD21 230V and Xitanium 60W 0.15-0.5A 220V TD21 230V
Rated frequency	: 50/60 Hz; DC
Ambient temperature range	: ta: -25... +50 °C
Maximum 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 voltage/nature of supply	: 220-240 Vac/dc
Rated input current	: 0,18 A
Rated input power	: 39 W
Output voltage range	: 50-220 Vdc
U-out max (open circuit voltage)	: 250 V
Output current range	: 0,08-0,35 Adc
Output power	: 35 W

**Product data – type Xitanium 60W 0.08-0.35A 300V TD21 230V**

Rated input voltage/nature of supply	: 220-240 Vac/dc
Rated input current	: 0,30 A
Rated input power	: 66 W
Output voltage range	: 100-300 Vdc
U-out max (open circuit voltage)	: 330 V
Output current range	: 0,08-0,35 Adc
Output power	: 60 W

**Product data – type Xitanium 60W 0.08-0.35A 300V TD21CL 230V**

Rated input voltage/nature of supply	: 220-240 Vac 186-250 Vdc
Rated input current	: 0,3Aac / 0,36 Adc
Rated input power	: 66 W
Output voltage range	: 100-300 Vdc
U-out max (open circuit voltage)	: 330 V
Output current range	: 0,08-0,35 Adc
Output power	: 60 W

**Product data – type Xitanium 60W 0.15-0.5A 220V TD21 230V**

Rated input voltage/nature of supply	: 220-240 Vac/dc
Rated input current	: 0,30 A
Rated input power	: 66 W
Output voltage range	: 50-220 Vdc
U-out max (open circuit voltage)	: 250 V
Output current range	: 0,15-0,5 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 225835100.

**Additional information**

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

- Temperature declared thermally protected: 110 °C
- Suitable for emergency luminaire acc. IEC 60598-2-22, excluding high risk task areas

This certificate replaces certificate No. 71-108235 REV.1 which we hereby declare invalid.

The list of components is laid down in test report 2258351.50.

**Conclusion**

The examination proved that all requirements were met.