

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 90W 0.15-0.5A 300V TD21 S 230V,
Xitanium 90W 0.25-0.7A 220V TD21 230V and
Xitanium 90W 0.25-0.7A 220V TD21 S 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 61347-1:2015/A1:2021, 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 7 April 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-116782 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 90W 0.15-0.5A 300V TD21 S 230V, Xitanium 90W 0.25-0.7A 220V TD21 230V and Xitanium 90W 0.25-0.7A 220V TD21 S 230V
Rated current	: 0,44 Aac / 0,52 Adc
Rated voltage/nature of supply	: 220-240 Vac 186-250 Vdc
Rated frequency	: 50/60 Hz; DC
Rated input power	: 97 W
Output power	: 90 W
Power factor	: pf: 0.9C
Ambient temperature range	: ta: -25...+50 °C
Max. case temperature	: tc: +75 °C
Description	: built-in LED drivers

Product data – type Xitanium 90W 0.15-0.5A 300V TD21 S 230V

Output voltage range	: 100 - 300 Vdc
U-OUT max (open circuit voltage)	: 330 V
Output current range	: 0,15 - 0,50 Adc

Product data – type Xitanium 90W 0.25-0.7A 220V TD21 230V and Xitanium 90W 0.25-0.7A 220V TD21 S 230V

Output voltage range	: 50 - 220 Vdc
U-OUT max (open circuit voltage)	: 250 V
Output current range	: 0,25 - 0,70 Adc

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-1:2015/A1:2021
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 report 225591200.

Additional information

- 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

This certificate replaces certificate No. 71-116782 which we hereby declare invalid.

The list of components is laid down in test report 2255912.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

Signify Poland Sp. z o.o.
Ul przemyslowa 29
64-920 Pila, Poland

Fideltronik Poland Sp. z o.o.
UL. Beniowskiego 1
34-200 Sucha Beskidzka, Poland

Signify Electronics (Xiamen) Co., Ltd.
2000 North Yunding Road,
361009 Xiamen, China

Taiwan Surface Mounting Technology (SuZhou) Co., Ltd.
No. 888 GanQuan Dong Road
Economic Technology Development Zone
215200 Suzhou, China

Hengdian Group Tospo Lighting Co., Ltd.
Hengdian Electronics Industrial Zone Dongyang City, Jinhua
322118 Zhejiang, China