

# 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 50W/m 0.7-1.5A 48V 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

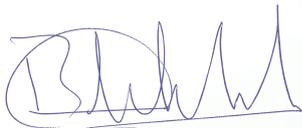
DEKRA hereby grants the right to use the ENEC certification mark.

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 25 September 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-100386 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

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ACCREDITED BY THE  
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 50W/m 0.7-1.5A 48V 230V
Rated input current	: 0.27 A
Rated input voltage/nature of supply	: 220...240 Vac
Rated input power	: 58 W
Rated frequency	: 50-60 Hz
Output voltage	: 60 V max
Output current	: 1.5 A
Output power	: 50 W
Power factor	: pf: 0.9C
Case temperature	: tc: +90 °C
Ambient temperature range	: ta: -20...+50 °C
Description	: Double insulation built-in LED driver with SELV output circuit.

**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 224819700.

**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).

- Stabilized output current.
- Short circuit protected.
- The insulation between primary and secondary is SELV.
- Temperature declared thermally protected 110 °C

This certificate replaces certificate No. 71-100386 which we hereby declare invalid.

The list of components is laid down at test report 2248197.68.

**Conclusion**

The examination proved that all requirements were met.