

# 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 : LED driver  
Trade name(s) : PHILIPS  
Type(s)/model(s) : Xitanium 150W 0.70A 1-10V 230V I220 and  
Xitanium 75W 0.70A 1-10V 230V I220

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, EN 62384:2006/A1:2009, EN 60598-1:2015 and EN 60598-1:2015/A1:2018
- 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 29 September 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-115851

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	: LED driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xitanium 150W 0.70A 1-10V 230V I220 and Xitanium 75W 0.70A 1-10V 230V I220
Power factor	: 0,95
Output current	: 0,7Adc
Max. case temperature (tc)	: 80 °C
Ambient temperature range (ta)	: -40...+55 °C
Temperature declared thermally protection	: 120 °C
IP rating	: IP 67
Description	: independent

**Product data – type Xitanium 150W 0.70A 1-10V 230V I220**

Rated voltage	: 220-240Vac / 186-250Vdc
Nature of supply	: ac / dc
Rated frequency	: 50/60 Hz at ac
Rated input current	: 0,75-0,65 Aac / 0,54 Adc Max
Rated input power	: 165 W
Output voltage	: 100-214 Vdc; 320 Vdc max
Output power	: 150 W

**Product data – type Xitanium 75W 0.70A 1-10V 230V I220**

Rated voltage	: 220-240Vac
Nature of supply	: ac
Rated frequency	: 50/60 Hz
Rated input current	: 0,38-0,34 Aac
Rated input power	: 82 W
Output voltage	: 40-107 Vdc; 160 Vdc max
Output power	: 75 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  
EN 60598-1:2015  
EN 60598-1:2015/A1:2018

**Test result**

The test results are laid down in DEKRA test file 608716500.



**Additional information**

- The insulation between primary and secondary is considered as reinforced insulation
- Constant current type with connecting leads
- LED driver is completely potted with PUR

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).

This certificate replaces certificate No. 31-107556 which we hereby declare invalid.

The list of components is laid down at test report 6087165.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

The factory locations are registered with the numbers 306303, 326285 and 1845.