

# 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 100W 2.1-4.2A AOC 230V I160,  
Xitanium 100W 2.1-4.2A AOC 230V I160L,  
Xitanium 150W 2.45-4.9A AOC 230V I175,  
Xitanium 150W 2.45-4.9A AOC 230V I175L,  
Xitanium 200W 2.8-5.6A AOC 230V I200 and  
Xitanium 200W 2.8-5.6A AOC 230V I200L

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 27 October 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-116184

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



C. Lin  
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 100W 2.1-4.2A AOC 230V I160, Xitanium 100W 2.1-4.2A AOC 230V I160L, Xitanium 150W 2.45-4.9A AOC 230V I175, Xitanium 150W 2.45-4.9A AOC 230V I175L, Xitanium 200W 2.8-5.6A AOC 230V I200 and Xitanium 200W 2.8-5.6A AOC 230V I200L
Rated input voltage	: 220-240 VAC
Rated frequency	: 50/60 Hz
Power factor (pf)	: 0,95
Max. case temperature (tc)	: 90 °C
Description	: Independent; SELV; Class I

**Product data – type Xitanium 100W 2.1-4.2A AOC 230V I160 and Xitanium 100W 2.1-4.2A AOC 230V I160L**

Input current	: 0,53-0,49 A
Output current	: 2,1-4,2 A
Output voltage	: 48-13 Vdc, 70 Vdc max.
Output power	: 100 W
Ambient temperature range(ta)	: -40...+55 °C

**Product data – type Xitanium 150W 2.45-4.9A AOC 230V I175 and Xitanium 150W 2.45-4.9A AOC 230V I175L**

Input current	: 0,76-0,68 A
Output current	: 2,45-4,9 A
Output voltage	: 60-15 Vdc, 75 Vdc max.
Output power	: 150 W
Ambient temperature range(ta)	: -40...+55 °C

**Product data – type Xitanium 200W 2.8-5.6A AOC 230V I200 and Xitanium 200W 2.8-5.6A AOC 230V I200L**

Input current	: 1,1-0,9 A
Output current	: 2,8-5,6 A
Output voltage	: 71-21 Vdc, 100 Vdc max.
Output power	: 200 W
Ambient temperature range(ta)	: -40...+50 °C

**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 608399200.



**Additional information**

The list of components is laid down in test report 6083992.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

The factory location is registered with the number 41289.