

CERTIFICATE

Issued to:
Applicant:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven The Netherlands

Manufacturer/Licensee:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven The Netherlands

Product(s) : Electronic LED drivers
Trade name(s) : PHILIPS
Type(s)/model(s) : Xitanium 100W 2.1-4.2A AOC 230V I220
Xitanium 150W 2.45-4.9A AOC 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 61347-1:2008 + A1:2011 + A2:2013; EN 61347-2-13:2014; EN 62384:2006 + A1:2009; EN 60598-1:2015;
- 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 KEMA-KEUR certification mark.

The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

This certificate is issued on: 14 February 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 6002824.01

DEKRA Certification B.V.


drs. G.J. Zoetbrood
Managing Director


T. Drost
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Electronic LED drivers
trade name	: PHILIPS
types	: Xitanium 100W 2.1-4.2A AOC 230V I220 Xitanium 150W 2.45-4.9A AOC 230V I220
rated voltage	: 220-240 V
nature of supply	: ac
rated frequency	: 50/60 Hz
power factor	: 0,95
input current	: see product data per type
output current	: see product data per type
output voltage	: see product data per type
Uout (max open circuit)	: S=see product data per type
max. case temperature (tc)	: 80 °C
ambient temperature ranges (ta)	: -40...+55 °C
degree of protection	: IP65
description	: Independent LED driver with SELV output circuit

Additional information

- Constant current type
- The LED driver is completely potted
- The LED driver is SELV

Product data - type Xitanium 100W 2.1-4.2A AOC 230V I220

input current	: 0,53-0,49 Aac
output current	: 2,1-4,2 Adc
output voltage	: 48 -13 Vdc
Uout (max open circuit)	: 70 Vdc

Product data - type Xitanium 150W 2.45-4.9A AOC 230V I220

input current	: 0,76-0,68 Aac
output current	: 2,45-4,9 Adc
output voltage	: 61 -15 Vdc
Uout (max open circuit)	: 75 Vdc

TESTS**Test requirements**

EN 61347-1:2008 + A1:2011 +A2:2013
EN 61347-2-13:2014
EN 62384:2006 + A1:2009
EN 60598-1:2015

Test result

The test results are laid down in DEKRA test file 6002824.00

Remarks

- For component list refers to annex 1 of test reports 6002824.50.
- This certificate supersedes the original certificate 2198412.01, dated 2016-11-28 which is herewith declared invalid.

Conclusion

The examination proved that all test requirements were met.

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).

Supervised by : Vicky Zhang

Checked by : Lix Li




Factory locations

Hengdian Group Tospo lighting Co., Ltd.
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