

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 : LED drivers
Trade name : PHILIPS
Types : Xitanium 10W/m 0.35A 30V SC 230V
Xitanium 16W/m 0.35A 46V SC 230V
Xitanium 21W/m 0.7A 30V SC 230V
Xitanium 23W/m 0.5A 46V SC 230V
Xitanium 28W/m 0.6A 46V SC 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 61347-1:2008 + A1:2011 + A2:2013;
EN 61347-2-13:2014; 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 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: 25 August 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2193666.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Wim Singewald
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	LED drivers
trade name	:	PHILIPS
types	:	Xitanium 10W/m 0.35A 30V SC 230V Xitanium 16W/m 0.35A 46V SC 230V Xitanium 21W/m 0.7A 30V SC 230V Xitanium 23W/m 0.5A 46V SC 230V Xitanium 28W/m 0.6A 46V SC 230V
rated voltage	:	220-240 V
nature of supply	:	ac
rated frequency	:	50/60 Hz
rated input current	:	see product data per type
rated input power	:	see product data per type
power factor	:	0,9C
output current	:	see product data per type
output voltage	:	60 Vdc max; SELV
output power	:	see product data per type
max. case temperature (tc)	:	+80 °C
ambient temperature range (ta)	:	-20...+50 °C
description	:	built-in LED driver when used without SR cover or independent LED driver if used with SR cover

Additional information

- The insulation between primary and secondary is reinforced insulation.
- Constant current type.
- Temperature declared thermally protected: 110 °C.

Product data - type Xitanium 10W/m 0.35A 30V SC 230V

rated input current	:	0,06 A
rated input power	:	12,5 W
output current	:	0,35 A
output power	:	10 W

Product data - type Xitanium 16W/m 0.35A 46V SC 230V

rated input current	:	0,09 A
rated input power	:	19,5 W
output current	:	0,35 A
output power	:	16 W

Product data - type Xitanium 21W/m 0.7A 30V SC 230V

rated input current	:	0,11 A
rated input power	:	25 W
output current	:	0,7 A
output power	:	21 W

Product data - type Xitanium 23W/m 0.5A 46V SC 230V

rated input current : 0,12 A
rated input power : 27 W
output current : 0,5 A
output power : 23 W

Product data - type Xitanium 28W/m 0.6A 46V SC 230V

rated input current : 0,15 A
rated input power : 33 W
output current : 0,6 A
output power : 28 W

TESTS**Test requirements**

Main standards:

EN 61347-1:2008 + A1:2011 + A2:2013

EN 61347-2-13:2014

EN 62384:2006 + A1:2009

Additional standards:

EN 60598-1:2015

Test result

The test results are laid down in DEKRA test file 2193666.00.

Remarks

For component list refers to annex 1 of test reports 2193666.50 and 2193666.51.

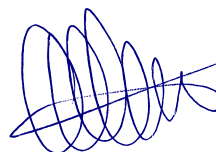
Conclusion

The examination proved that all test requirements were met.

Tested by : J. Huang



Checked by : A.P. van der Veen



Factory locations

Flextronics LLC
Berehivska-bichna St. 4
Hukacheve
Ukraine

Taiwan Surface Mounting Technology (SuZhou) Co., Ltd.
No. 888 Ganquan Dong Road
215200, Wujian City Suzhou
China

Philips Lighting Electronics Poland
ul Przemyslowa 29
64-920, Pila
Poland