

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 : Electronic LED Driver
Trade name : PHILIPS
Types : XITANIUM 36W 0.12-0.4A 115V 230V
XITANIUM 75W 0.12-0.4A 220V 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; EN 61347-2-13:2014; EN 62384:2006
- 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.

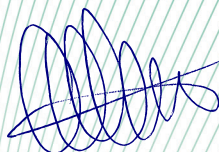
This certificate is issued on: 4 November 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2187829.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



A.P. van der Veen
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Electronic LED Driver
trade name	: PHILIPS
types	: XITANIUM 36W 0.12-0.4A 115V 230V XITANIUM 75W 0.12-0.4A 220V 230V
input current (In)	: see product data per type
input voltage (Un)	: 220-240 V
nature of supply	: ac/dc
input frequency (fn)	: 50...60 Hz; DC
input power (Pn)	: see product data per type
output voltage range (Uout)	: see product data per type
output current (Iout)	: 0,12....0,4 A
output power (Pout)	: see product data per type
Uout max	: 330 V
power factor (pf)	: 0,9C
max. case temperature (tc)	: +75 °C
ambient temperature range (ta)	: -20 ...+50 °C
description	: built-in LED driver with non mains isolated output

Additional information

The LED driver is designed to operate a large string of midpower LEDs by means of current controlled output. The LED current can be set within a range by means of an external resistor (LEDset).

The LED driver is designed as built-in driver to be used in class I office luminaire. It is intended to be used in indoor application only. The electrical output is not mains isolated. The luminaire should take care of in indoor application only. The electrical output is not mains isolated.

The luminaire should take care of electric safety.

During emergency DC operating at low DC input voltage (<186 Vdc) the output may be reduced to protect the input stage for excessive currents.

Product data - type XITANIUM 36W 0.12-0.4A 115V 230V

input current	: 0,19 A
input power	: 40 W
output voltage range	: 55...115 V
output power	: 36 W

Product data - type XITANIUM 75W 0.12-0.4A 220V 230V

input current	: 0,37 A
input power	: 80 W
output voltage range	: 100...220 V
output power	: 75 W

TESTS**Test requirements**

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

EN 61347-2-13:2014

EN 62384:2006 + A1:2009

Test results

The test results are laid down in DEKRA test file 2187829.00.

Remarks

For component list refers to annex 1 of test reports 2187829.50.

This certificate supersedes certificate no. 2181182.01 dated 2015-03-16

Conclusion

The examination proved that all test requirements were met.

Tested by : L.N.H. Huynh

A blue ink signature, likely of L.N.H. Huynh, consisting of a stylized 'L' and 'H' with a horizontal line extending to the right.

Checked by : T.H.J.M. Michels

A blue ink signature, likely of T.H.J.M. Michels, written in a cursive style with the name 'Michels' clearly visible.

Factory locations

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

Taiwan Surface Mounting Technology (SuZhou) Co., Ltd.
No. 888 GanQuan Dong Road
Economic Technology Development Zone
215200 WuJiang, Jiangsu Province
China

Hengdian Group Tospo Lighting Co., Ltd.
Hengdian Electronics Industrial Zone
Dongyang City, Zhejiang Province
China