

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) : LED driver
Trade name(s) : PHILIPS
Type(s)/model(s) : Xitanium Dim 100W 0.7A 1-10V 230V Y
Xitanium Dim 100W 1.05A 1-10V 230V Y
Xitanium Dim 150W 0.7A 1-10V 230V Y
Xitanium Dim 150W 1.05A 1-10V 230V Y

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 61347-2-13:2006; 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: 9 May 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2179391.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



W.C. Singewald
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: LED driver
trade name(s)	: PHILIPS
type(s)	: Xitanium Dim 100W 0.7A 1-10V 230V Y Xitanium Dim 100W 1.05A 1-10V 230V Y Xitanium Dim 150W 0.7A 1-10V 230V Y Xitanium Dim 150W 1.05A 1-10V 230V Y
rated input voltage	: 220-240 V
rated input current	: see product data per type
nature of supply	: ac
rated frequency	: 50/60 Hz
output power	: see product data per type
output current	: see product data per type
output voltage range	: see product data per type
U _{out} (max. open circuit)	: see product data per type
power factor (pf)	: see product data per type
max. case temperature (t _c)	: 80 °C
Ambient temperature range(t _a)	: -40 °C..+55 °C
description	: Built-in

Additional information

- constant current type with connecting leads
- LED driver is completely potted with asphalt
- Dimming with 1-10 V

Product data - type XITANIUM DIM 100W 0,7A 1-10V 230V

rated input current	: 0,4 - 0,56 A _{ac}
output power	: 100 W
output current	: 0,7 A _{dc}
output voltage range	: 64-143 V _{dc}
U _{out} (max. open circuit)	: 220 V _{dc}
power factor	: 0,95

Product data - type XITANIUM DIM 100W 1,05A 1-10V 230V

rated input current	: 0,4 - 0,56 A _{ac}
output power	: 100 W
output current	: 1,05 A
output voltage range	: 42 - 95 V _{dc}
U _{out} (max. open circuit)	: 170 V _{dc}
power factor	: 0,95

Product data - type XITANIUM DIM 150W 0,7A 1-10V 230V

rated input current : 0,6 - 0,83 Aac
output power : 150 W
Output current : 0,7 Adc
output voltage range : 96-214 Vdc
Uout (max. open circuit) : 320 Vdc
power factor : 0,98

Product data - type XITANIUM DIM 150W 1,05A 1-10V 230V

rated input current : 0,6 - 0,83 Aac
output power : 150 W
output current : 1,05 Adc
output voltage range : 62-142 Vdc
Uout (max. open circuit) : 220 Vdc
power factor : 0,98

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 2179391.00.

Remarks

For component list refers to annex 1 of test reports 2179391.50/.52
This certificate supersedes the original certificate 2179391.01, dated 2015-02-23, which is herewith declared invalid.

Conclusion

The examination proved that all test requirements were met.

Tested by : Theo Michels



Checked by : Herman te Lindert



Factory location

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