

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 20W/m 0.15-0.5A 54V 230V
XITANIUM 36W/m 0.3-1.05A 54V 230V
XITANIUM 43W/m 0.7-1.2A 54V 230V
XITANIUM 50W/m 0.7-1.5A 54V 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: 18 August 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2195002.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Wim Singewald
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: LED drivers
trade name	: PHILIPS
types	: XITANIUM 20W/m 0.15-0.5A 54V 230V XITANIUM 36W/m 0.3-1.05A 54V 230V XITANIUM 43W/m 0.7-1.2A 54V 230V XITANIUM 50W/m 0.7-1.5A 54V 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)	: see product data per type
ambient temperature range (ta)	: see product data per type
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 20W/m 0.15-0.5A 54V 230V

rated input current	: 0,12 A
rated input power	: 24 W
output current	: 0,5 A
output power	: 20 W
max. case temperature (tc)	: 80 °C
ambient temperature range (ta)	: -20...+50 °C

Product data - type XITANIUM 36W/m 0.3-1.05A 54V 230V

rated input current	: 0,2 A
rated input power	: 42 W
output current	: 1,05 A
output power	: 36 W
max. case temperature (tc)	: 80 °C
ambient temperature range (ta)	: -20...+50 °C

Product data - type XITANIUM 43W/m 0.7-1.2A 54V 230V

rated input current : 0,23 A
rated input power : 50 W
output current : 1,2 A
output power : 43 W
max. case temperature (tc) : 90 °C
ambient temperature range (ta) : -20...+50 °C

Product data - type XITANIUM 50W/m 0.7-1.5A 54V 230V

rated input current : 0,27 A
rated input power : 58 W
output current : 1,5 A
output power : 50 W
max. case temperature (tc) : 85 °C
ambient temperature range (ta) : -20...+40 °C

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 2195002.00.

Remarks

For component list refers to annex 1 of test reports 2195002.50, 2155002.51 and 2195002.52.

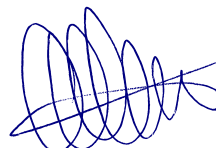
Conclusion

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

Fideltronik Poland Sp.z.o.o.
UL. Beniowskiego 1
34-200, Sucha Beskidzka
Poland

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