

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) : Independent LED driver
Trade name(s) : PHILIPS
Type(s)/model(s) : CertaDrive 6W 0.15A 40V LPF I 230V
CertaDrive 8W 0.20A 40V LPF I 230V
CertaDrive 10W 0.25A 40V LPF I 230V
CertaDrive 12W 0.3A 40V LPF I 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: 9 May 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2186062.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



W.C. Singewald
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Independent LED driver
trade name(s)	: PHILIPS
type(s)	: CertaDrive 6W 0.15A 40V LPF I 230V CertaDrive 8W 0.20A 40V LPF I 230V CertaDrive 10W 0.25A 40V LPF I 230V CertaDrive 12W 0.3A 40V LPF I 230V
rated input voltage	: 220-240 V
nature of supply	: ac
rated frequency	: 50/60 Hz
output current	: see product data per type
output power	: see product data per type
output voltage	: 32-40 Vdc, 60 Vdc Max
max. case temperature (tc)	: 75 °C
Ambient temperature range (ta)	: 0...+45 °C
Power factor (PF)	: 0,55C
description	: independent

Additional information

constant current type with screwless terminal
The electrical output is SELV (double isolated)

Product data - type CertaDrive 10W 0.25A 40V LPF I 230

Output current	: 0,25 Adc
Output power	: 10 W

Product data - type CertaDrive 12W 0.3A 40V LPF I 230V

Output current	: 0,3 Adc
Output power	: 12 W

Product data - type CertaDrive 6W 0.15A 40V LPF I 230V

Output current	: 0,15 Adc
Output power	: 6 W

Product data - type CertaDrive 8W 0.2A 40V LPF I 230V

Output current	: 0,2 Adc
Output power	: 8 W

TESTS**Test requirements**

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

EN 61347-2-13:2014

EN 62384:2006 + A1:2009

Test result

The test results are laid down in DEKRA test file 2186062.00.

Remarks

For component list refers to annex 1 of test reports 2186062.50.

This certificate supersedes the original certificate 2186062.01, dated 2015-10-05, which is herewith declared invalid.

Conclusion

The examination proved that all test requirements were met.

Tested by : Theo Michels

A handwritten signature in blue ink, appearing to read 'Theo Michels', written over a horizontal line.

Checked by : Herman te Lindert

A handwritten signature in blue ink, appearing to read 'Herman te Lindert', written over a horizontal line.

Factory locations

NingBo WeiLinMa Electronics Co.,Ltd
DongQiao Town Industrial Park
315157 Ningbo Zhejiang
China

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