

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 : CertaDrive 30W 0.7A 42V 230V I, CertaDrive 34W 0.8A 42V 230V I
CertaDrive 34W 1.05A 32V 230V I, CertaDrive 38W 0.9A 42V 230V I
CertaDrive 38W 1.1A 35V 230V I, CertaDrive 44W 1.05A 42V 230V I

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: 21 December 2016 expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2198719.01

DEKRA Certification B.V.



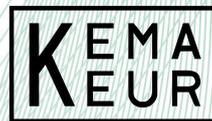
drs. G.J. Zoetbrood
Managing Director



T. Drost
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	LED drivers
trade name	:	PHILIPS
types	:	CertaDrive 30W 0.7A 42V 230V I CertaDrive 34W 0.8A 42V 230V I CertaDrive 34W 1.05A 32V 230V I CertaDrive 38W 0.9A 42V 230V I CertaDrive 38W 1.1A 35V 230V I CertaDrive 44W 1.05A 42V 230V I
rated input 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
max. case temperature (tc)	:	75 °C
power factor	:	0,9C
output power	:	see product data per type
output current	:	see product data per type
output voltage	:	see product data per type
description	:	Independent LED driver with SELV output circuit

Additional information

- Constant current type with terminal block

Product data - type CertaDrive 30W 0.7A 42V 230V I

rated input current	:	0,15 A
rated input power	:	34 W
output power	:	30 W
output current	:	0,7 A
output voltage	:	32-42 Vdc; 60 Vdc max.

Product data - type CertaDrive 34W 0.8A 42V 230V I

rated input current	:	0,17 A
rated input power	:	38 W
output power	:	34 W
output current	:	0,8 A
output voltage	:	32-42 Vdc; 60 Vdc max.

Product data - type CertaDrive 34W 1.05A 32V 230V I

rated input current	:	0,16 A
rated input power	:	38 W
output power	:	34 W
output current	:	1,05 A
output voltage	:	24-32 Vdc; 60 Vdc max.

Product data - type CertaDrive 38W 0.9A 42V 230V I

rated input current	: 0,19 A
rated input power	: 43 W
output power	: 38 W
output current	: 0,9 A
output voltage	: 32-42 Vdc; 60 Vdc max.

Product data - type CertaDrive 38W 1.1A 35V 230V I

rated input current	: 0,20 A
rated input power	: 44 W
output power	: 38 W
output current	: 1,1 A
output voltage	: 24-35 Vdc; 60 Vdc max.

Product data - type CertaDrive 44W 1.05A 42V 230V I

rated input current	: 0,22 A
rated input power	: 50 W
output power	: 44 W
output current	: 1,05 A
output voltage	: 32-42 Vdc; 60 Vdc max.

TESTS**Test requirements**

EN 61347-1:2008 + A1:2011 + A2:2013
EN 61347-2-13:2014
EN 60598-1:2015
EN 62384:2006 + A1:2009

Test results

The test results are laid down in DEKRA test file 2198719.00.

Remarks

- The component lists are laid down in test reports 2198719.50 and 2198719.52.
- This certificate supersedes the certificate no. 2196563.01, dated on 21 September 2016 which is herewith declared invalid.

Conclusion

The examination proved that all test requirements were met.

Tested by : L.N.H. Huynh

A blue ink signature in cursive script, appearing to read 'L.N.H. Huynh', written over a horizontal line.

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

A blue ink signature in cursive script, appearing to read 'T.H.J.M. Michels', written over a horizontal line.

Factory locations

Hengdian Group Tospo lighting Co., Ltd.
Hengdian Industrial Zone
322118 Dongyang City
Jinhua, Zhejiang Province
China

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