

# CERTIFICATE

Issued to:  
Applicant:  
**Philips Lighting B.V.**  
**High Tech Campus 45**  
**5656 AE Eindhoven, The Netherlands**

Licensee:  
**Philips Lighting B.V.**  
**High Tech Campus 45**  
**5656 AE Eindhoven, The Netherlands**

Product : LED driver  
Trade name(s) : PHILIPS  
Type(s)/model(s) : CertaDrive 21W/m 0.5A 42V 230V, CertaDrive 25W/m 0.6A 42V 230V,  
CertaDrive 30W/m 0.7A 42V 230V, CertaDrive 34W/m 0.8A 42V 230V,  
CertaDrive 40W/m 0.9A 44V 230V and CertaDrive 41W/m 1.05A 39V 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 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006, EN 62384:2006/A1:2009 and EN 60598-1:2015
- 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 certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 8 May 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-103965

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



Kreny Lin  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: LED driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: CertaDrive 21W/m 0.5A 42V 230V, CertaDrive 25W/m 0.6A 42V 230V, CertaDrive 30W/m 0.7A 42V 230V, CertaDrive 34W/m 0.8A 42V 230V, CertaDrive 40W/m 0.9A 44V 230V and CertaDrive 41W/m 1.05A 39V 230V
Rated input voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Power factor	: 0,9C
Max.case temperature (tc)	: 80 °C
Description	: Built-in/ independent with SR cover

**Product data – type CertaDrive 21W/m 0.5A 42V 230V**

Rated input current	: 0,11 A
Rated input power	: 24 W
Output current	: 0,5 A
Output power	: 21 W
U-out	: 30-42 Vdc; 60 Vdc max; SELV

**Product data – type CertaDrive 25W/m 0.6A 42V 230V**

Rated input current	: 0,135 A
Rated input power	: 29 W
Output current	: 0,6 A
Output power	: 25 W
U-out	: 30-42 Vdc; 60 Vdc max; SELV

**Product data – type CertaDrive 30W/m 0.7A 42V 230V**

Rated input current	: 0,15 A
Rated input power	: 33 W
Output current	: 0,7 A
Output power	: 30 W
U-out	: 30-42 Vdc; 60 Vdc max; SELV

**Product data – type CertaDrive 34W/m 0.8A 42V 230V**

Rated input current	: 0,175 A
Rated input power	: 38 W
Output current	: 0,8 A
Output power	: 34 W
U-out	: 30-42 Vdc; 60 Vdc max; SELV

**Product data – type CertaDrive 40W/m 0.9A 44V 230V**

Rated input current	: 0,2 A
Rated input power	: 44 W
Output current	: 0,9 A
Output power	: 40 W
U-out	: 30-44 Vdc; 60 Vdc max; SELV

**Product data – type CertaDrive 41W/m 1.05A 39V 230V**

Rated input current	: 0,21 A
Rated input power	: 46 W
Output current	: 1,05 A
Output power	: 41 W
U-out	: 27-39 Vdc; 60 Vdc max; SELV

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-2-13:2014  
EN 61347-2-13:2014/A1:2017  
EN 62384:2006  
EN 62384:2006/A1:2009  
EN 60598-1:2015

**Test result**

The test results are laid down in DEKRA test file 602879300.

**Additional information**

Constant current type and with screwless terminal  
Thermal protected

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturer's right to conduct type tests for the KEMA-KEUR / ENEC certification system under supervision of DEKRA (CTF Stage 3).

This certificate replaces certificate No. 31-103118 which we herewith declare invalid.

The list of components is laid down at test report 6028793.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

Hengdian Group Tospo Lighting Co., Ltd.  
Hengdian Electronics Industrial Zone  
Dongyang City, Jinhua  
322118 Zhejiang, China

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