

# CERTIFICATE

Issued to:  
Applicant:  
**Signify Netherlands B.V.**  
**High Tech Campus 48**  
**5656 AE Eindhoven, The Netherlands**

Licensee:  
**Signify Netherlands B.V.**  
**High Tech Campus 48**  
**5656 AE Eindhoven, The Netherlands**

Product : LED driver  
Trade name(s) : PHILIPS  
Type(s)/model(s) : CertaDrive LED Transformer 120W 24VDC,  
CertaDrive LED Transformer 180W 24VDC,  
CertaDrive LED Transformer 30W 24VDC and  
CertaDrive LED Transformer 60W 24VDC

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 and 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 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 21 November 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-111353

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



C. 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 LED Transformer 120W 24VDC, CertaDrive LED Transformer 180W 24VDC, CertaDrive LED Transformer 30W 24VDC and CertaDrive LED Transformer 60W 24VDC
Rated input voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Output voltage (Uout)	: 24Vdc, 26Vdc max
Max.case temperature (tc)	: 90°C
Ambient temperature (ta)	: -20...50°C
Description	: SELV; Built-in

**Product data – type CertaDrive LED Transformer 120W 24VDC**

Rated input current	: 0,63A
Output power	: 120W

**Product data – type CertaDrive LED Transformer 180W 24VDC**

Rated input current	: 0,89A
Output power	: 180W

**Product data – type CertaDrive LED Transformer 30W 24VDC**

Rated input current	: 0,17A
Output power	: 30W

**Product data – type CertaDrive LED Transformer 60W 24VDC**

Rated input current	: 0,31A
Output power	: 60W

**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

**Test result**

The test results are laid down in DEKRA test file 606323300.

**Additional information**

Constant voltage type

Short-circuit proof

The insulation between primary and secondary is considered as reinforced insulation.

For component list refers to annex 1 of test reports 6063233.50, 6063233.51 and 6063233.52

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

The factory location is registered with the number 15204.