

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 10W/a 0.2/0.25A 40V 1CB 230V,
CertaDrive 10W/a 0.2/0.25A 40V 1CG 230V,
CertaDrive 10W/a 0.2/0.25A 40V 1CW 230V,
CertaDrive 20W/a 0.35/0.5A 40V 1CB 230V,
CertaDrive 20W/a 0.35/0.5A 40V 1CG 230V,
CertaDrive 20W/a 0.35/0.5A 40V 1CW 230V,
CertaDrive 30W/a 0.7/0.75A 40V 1CB 230V,
CertaDrive 30W/a 0.7/0.75A 40V 1CG 230V,
CertaDrive 30W/a 0.7/0.75A 40V 1CW 230V,
CertaDrive 34W/a 0.8/0.85A 40V 1CB 230V,
CertaDrive 34W/a 0.8/0.85A 40V 1CG 230V,
CertaDrive 34W/a 0.8/0.85A 40V 1CW 230V,
CertaDrive 41W/a 0.9/1.05A 39V 1CB 230V,
CertaDrive 41W/a 0.9/1.05A 39V 1CG 230V and
CertaDrive 41W/a 0.9/1.05A 39V 1CW 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:

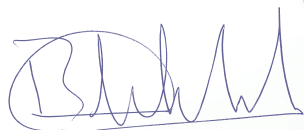
- a type test according to the standard EN 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 947556

DEKRA hereby grants the right to use the ENEC certification mark.

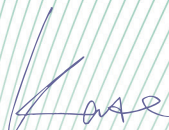
The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 7 July 2020 and expires upon withdrawal of one of the above mentioned standards.

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



Certificate number: 31-114672

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

| | |
|---------------------------|--|
| Product | : LED driver |
| Trade name(s) | : PHILIPS |
| Type(s)/model(s) | : CertaDrive 10W/a 0.2/0.25A 40V 1CB 230V, CertaDrive 10W/a 0.2/0.25A 40V 1CG 230V, CertaDrive 10W/a 0.2/0.25A 40V 1CW 230V, CertaDrive 20W/a 0.35/0.5A 40V 1CB 230V, CertaDrive 20W/a 0.35/0.5A 40V 1CG 230V, CertaDrive 20W/a 0.35/0.5A 40V 1CW 230V, CertaDrive 30W/a 0.7/0.75A 40V 1CB 230V, CertaDrive 30W/a 0.7/0.75A 40V 1CG 230V, CertaDrive 30W/a 0.7/0.75A 40V 1CW 230V, CertaDrive 34W/a 0.8/0.85A 40V 1CB 230V, CertaDrive 34W/a 0.8/0.85A 40V 1CG 230V, CertaDrive 34W/a 0.8/0.85A 40V 1CW 230V, CertaDrive 41W/a 0.9/1.05A 39V 1CB 230V, CertaDrive 41W/a 0.9/1.05A 39V 1CG 230V and CertaDrive 41W/a 0.9/1.05A 39V 1CW 230V |
| Rated input voltage | : 220-240 Vac |
| Rated frequency | : 50/60 Hz |
| Power factor | : 0,9C |
| U-out | : 30-40 Vdc; 60 Vdc max; SELV |
| Ambient temperature (ta) | : -20...+35 °C |
| Max.case temperature (tc) | : 85 °C |
| Description | : built-in with double/reinforced insulation |

**Product data – type CertaDrive 10W/a 0.2/0.25A 40V 1CB 230V,
CertaDrive 10W/a 0.2/0.25A 40V 1CG 230V and CertaDrive 10W/a 0.2/0.25A 40V 1CW 230V**

| | |
|---------------------|--------------|
| Rated input current | : 0,06 A |
| Rated input power | : 12 W |
| Output current | : 0,2/0,25 A |
| Output power | : 8/10 W |

**Product data – type CertaDrive 20W/a 0.35/0.5A 40V 1CB 230V,
CertaDrive 20W/a 0.35/0.5A 40V 1CG 230V and CertaDrive 20W/a 0.35/0.5A 40V 1CW 230V**

| | |
|---------------------|--------------|
| Rated input current | : 0,12 A |
| Rated input power | : 24 W |
| Output current | : 0,35/0,5 A |
| Output power | : 14/20 W |

**Product data – type CertaDrive 30W/a 0.7/0.75A 40V 1CB 230V,
CertaDrive 30W/a 0.7/0.75A 40V 1CG 230V and CertaDrive 30W/a 0.7/0.75A 40V 1CW 230V**

| | |
|---------------------|--------------|
| Rated input current | : 0,18 A |
| Rated input power | : 36 W |
| Output current | : 0,7/0,75 A |
| Output power | : 28/30 W |

**Product data – type CertaDrive 34W/a 0.8/0.85A 40V 1CB 230V,
CertaDrive 34W/a 0.8/0.85A 40V 1CG 230V and CertaDrive 34W/a 0.8/0.85A 40V 1CW 230V**

| | |
|---------------------|--------------|
| Rated input current | : 0,2 A |
| Rated input power | : 40 W |
| Output current | : 0,8/0,85 A |
| Output power | : 32/34 W |

**Product data – type CertaDrive 41W/a 0.9/1.05A 39V 1CB 230V,
CertaDrive 41W/a 0.9/1.05A 39V 1CG 230V and CertaDrive 41W/a 0.9/1.05A 39V 1CW 230V**

| | |
|---------------------|--------------|
| Rated input current | : 0,25 A |
| Rated input power | : 48 W |
| Output current | : 0,9/1,05 A |
| Output power | : 35/41 W |

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 607864700.

Additional information

Constant current type
LED driver integrated with track adaptor

For component list refers to annex 1 of test reports 6078647.50.

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).

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 306303 and 15204.