

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) : Xitanium 36W WH 0.15-1.05A 54V TD/Is and
Xitanium 50W WH 0.7-1.5A 54V TD/Is

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(s) EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006, EN 62384:2006/A1:2009, EN 60598-1:2015 and EN 60598-1:2015/A1:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA 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 and under the conditions of the ENEC certification agreement.

This certificate is issued on 11 August 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-120178

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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

| | |
|---|--|
| Product | : LED driver |
| Trade name(s) | : PHILIPS |
| Type(s)/model(s) | : Xitanium 36W WH 0.15-1.05A 54V TD/Is and Xitanium 50W WH 0.7-1.5A 54V TD/Is |
| Rated input voltage | : 220...240 Vac or 186...250 Vdc |
| Rated frequency | : 50/60 Hz at ac |
| Power factor | : 0,9C |
| Output voltage | : 60 Vmax. |
| Temperature declared thermally protection | : 110 °C |
| Description | : independent |

Product data – type Xitanium 36W WH 0.15-1.05A 54V TD/Is

| | |
|--------------------------------|----------------------------|
| Input power | : 44 W |
| Rated input current | : 0,19 Aac or 0,23-0,17Adc |
| Output power | : 36 W |
| Output current | : 0,15-1,05 Adc |
| Ambient temperature range (ta) | : -20...+65°C |
| Max.case temperature (tc) | : +85°C |

Product data – type Xitanium 50W WH 0.7-1.5A 54V TD/Is

| | |
|--------------------------------|-----------------------------|
| Input power | : 60 W |
| Rated input current | : 0,27 Aac or 0,32-0,24 Adc |
| Output power | : 50 W |
| Output current | : 0,7-1,5 Adc |
| Ambient temperature range (ta) | : -20...+55°C |
| Max.case temperature (tc) | : +90°C |

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 62384:2006
EN 62384:2006/A1:2009
EN 60598-1:2015
EN 60598-1:2015/A1:2018

Test result

The test results are laid down in DEKRA test file 610526100.

Additional information

Constant current type and with terminal block
Insulation between PRI and SEC is double/reinforced insulation
Insulation between PRI and DALI is basic insulation

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).

The list of components is laid down in test report 6105261.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 674666 and 312989.