

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 20W/m 0.15-0.5A 54V 230V, XITANIUM 36W/m 0.3-1.05A 54V 230V
and XITANIUM 43W/m 0.7-1.2A 54V 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, EN 60598-1:2015 and EN 60598-1:2015/A1:2018
- 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 25 February 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-107558

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

| | |
|---|---|
| Product | : LED driver |
| Trade name(s) | : PHILIPS |
| Type(s)/model(s) | : XITANIUM 20W/m 0.15-0.5A 54V 230V, XITANIUM 36W/m 0.3-1.05A 54V 230V and XITANIUM 43W/m 0.7-1.2A 54V 230V |
| Rated voltage | : 220-240 VAC or 186-250 VDC |
| Nature of supply | : ac / dc |
| Rated frequency | : 50/60 Hz at ac |
| Power factor | : 0,9C |
| Output voltage | : 60 Vdcmax / SELV |
| Temperature declared thermally protection | : 110 °C |

Product data – type XITANIUM 20W/m 0.15-0.5A 54V 230V

| | |
|--------------------------------|--|
| Rated input current | : 0,12 Aac / 0,13-0,09 Adc |
| Rated input power | : 24 W |
| Output current | : 0,5 A |
| Output power | : 20 W |
| Max. case temperature (tc) | : +80 °C |
| Ambient temperature range (ta) | : -20...+50 °C |
| Description | : Built-in with double/reinforced insulation/ Independent if with SR caps |

Product data – type XITANIUM 36W/m 0.3-1.05A 54V 230V

| | |
|--------------------------------|--|
| Rated input current | : 0,2 Aac / 0,23-0,16 Adc |
| Rated input power | : 42 W |
| Output current | : 1,05 A |
| Output power | : 36 W |
| Max. case temperature (tc) | : +80 °C |
| Ambient temperature range (ta) | : -20...+50 °C |
| Description | : Built-in with double/reinforced insulation/ Independent if with SR caps |

Product data – type XITANIUM 43W/m 0.7-1.2A 54V 230V

| | |
|--------------------------------|--|
| Rated input current | : 0,23 Aac / 0,27-0,19 Adc |
| Rated input power | : 50 W |
| Output current | : 1,2 A |
| Output power | : 43 W |
| Max. case temperature (tc) | : +90 °C |
| Ambient temperature range (ta) | : -20...+45 °C |
| Description | : Built-in with double/reinforced insulation/ Independent if with SR caps |

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

EN 60598-1:2015/A1:2018

Test result

The test results are laid down in DEKRA test file 604424800.

Additional information

Constant current type and with screwless terminal

Thermal protected and Short-circuit proof

Suitable for emergency luminaries excluding high risk task areas

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 at test report 6044248.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 326285 and 674666.