

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 : Electronic driver for LED modules
Trade name(s) : PHILIPS
Type(s)/model(s) : Xitanium 20W WH 0.15-0.5A 54V TD/Is 230V,
Xitanium 20W WH 0.15-0.5A 54V TD/Is CL,
Xitanium 20W WH 0.15-0.5A 54V TD S CL,
Xitanium 36W WH 0.3-1A 54V TD/Is 230V,
Xitanium 36W WH 0.3-1A 54V TD/Is CL and
Xitanium 36W WH 0.3-1A 54V TD S CL

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 61347-1:2015/A1:2021, 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

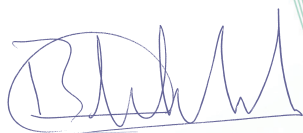
DEKRA hereby grants the right to use the ENEC certification mark.

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 11 March 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-116163 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.L. Schendstok
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic driver for LED modules
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xitanium 20W WH 0.15-0.5A 54V TD/Is 230V, Xitanium 20W WH 0.15-0.5A 54V TD/Is CL, Xitanium 20W WH 0.15-0.5A 54V TD S CL, Xitanium 36W WH 0.3-1A 54V TD/Is 230V, Xitanium 36W WH 0.3-1A 54V TD/Is CL and Xitanium 36W WH 0.3-1A 54V TD S CL
Rated voltage/nature of supply	: 220-240 Vac or 186-250 Vdc
Rated frequency	: 50/60 Hz; DC
Power factor	: pf: 0,9C
Ambient temperature ranges	: ta: -20...+65 °C
Max. case temperature	: tc: 85 °C

Product data – type Xitanium 20W WH 0.15-0.5A 54V TD S CL

Rated input current	: 0,11 Aac or 0,13 Adc
Rated input power	: 24 W
Output current	: 0,5 A
Output voltage	: 60 Vmax.; SELV
Output power	: 20 W
Description	: built-in

Product data – type Xitanium 20W WH 0.15-0.5A 54V TD/Is 230V and Xitanium 20W WH 0.15-0.5A 54V TD/Is CL

Rated input current	: 0,11 Aac or 0,13 Adc
Rated input power	: 24 W
Output current	: 0.5 A
Output voltage	: 60 Vmax; SELV
Output power	: 20 W
Description	: suitable for built-in as independent use. When the LED driver uses as independent device, the independent accessories has to be used.

Product data – type Xitanium 36W WH 0.3-1A 54V TD S CL

Rated input current	: 0,19 Aac or 0,22 Adc
Rated input power	: 44 W
Output current	: 1 A
Output voltage	: 60 Vmax.; SELV
Output power	: 36 W
Description	: built-in

Product data – type Xitanium 36W WH 0.3-1A 54V TD/Is 230V and Xitanium 36W WH 0.3-1A 54V TD/Is CL

Rated input current	: 0,19 Aac or 0,22 Adc
Rated input power	: 44 W
Output current	: 1 A
Output voltage	: 60 Vmax; SELV
Output power	: 36 W
Description	: suitable for built-in as independent use. When the LED driver uses as independent device, the independent accessories has to be used.

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

Test result

The test results are laid down in DEKRA test file 225479000.

Additional information

- The insulation between input and output: Reinforced
- Temperature declared thermally protected: 110 °C
- The driver is suitable for emergency luminaires in compliance with IEC 60598-2-22, excluding high-risk task areas.
- Built-in version: double insulated LED driver with SELV output
- Independent version: SELV output LED driver with Class II enclosure

This certificate replaces certificate No. 31-116163 which we hereby declare invalid.

The list of components is laid down in test report 2254790.52.

Conclusion

The examination proved that all requirements were met.

Factory locations