

CERTIFICATE

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

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

Product : Electronic controlgear for LED modules
Trade name(s) : PHILIPS
Type(s)/model(s) : Xitanium 20W WH 0.15-0.5A 54V SR Is 230V,
Xitanium 20W WH 0.15-0.5A 54V SR S 230V,
Xitanium 36W WH 0.3-1.05A 54V SR Is 230V,
Xitanium 36W WH 0.3-1.05A 54V SR S 230V,
Xitanium 50W WH 0.7-1.5A 54V SR Is 230V and
Xitanium 50W WH 0.7-1.5A 54V SR S 230V

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:

- a type test according to EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 61347-1:2015/A1:2021 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 947556

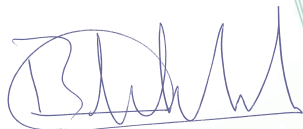
DEKRA hereby grants the right to use the ENEC certification mark.

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 5 September 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-119477 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



MT Tonsi
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic controlgear for LED modules
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xitanium 20W WH 0.15-0.5A 54V SR Is 230V, Xitanium 20W WH 0.15-0.5A 54V SR S 230V, Xitanium 36W WH 0.3-1.05A 54V SR Is 230V, Xitanium 36W WH 0.3-1.05A 54V SR S 230V, Xitanium 50W WH 0.7-1.5A 54V SR Is 230V and Xitanium 50W WH 0.7-1.5A 54V SR S 230V
Primary voltage	: 220-240 V; 186-250 V
Nature of supply	: alternate current; direct current
Rated frequency	: 50/60 Hz; 0 Hz
Primary current	: From 0,11 to 0,27 A for a.c.; from 0,13 to 0,32 A for d.c.
Type of load	: LED modules, power LED
Secondary current	: From 0,54 to 1,5 A
Secondary power	: From 20 to 50 W
Classification	: Independent, built-in

TESTS**Test requirements**

EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN IEC 62384:2020

Test result

The test results are documented in DEKRA test file 350964600.

Additional information

For specific Model/Type electrical ratings refer to following page.

This certificate replaces certificate No. 81-119477 which we hereby declare invalid.

The list of components is laid down in test report 3509646.250 and 3509646.251.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

The factory location is registered with the number 854975.

General product information and other remarks:

The devices are electronic controlgears for high power COBs or LED modules with SELV output. Supply: 220-240 V (operating range 198-264 V), 50/60 Hz; 186-250 Vdc, 0 Hz (operating range 167-275 Vdc). The stabilized output current can be set an operative area by SimpleSet AOC (Adjustable Output Current). The output power can be up to Pout max with proportionate values of Iin and power factor.

Type/s	Input power (W)	ac/*dc input current (A)	Power Factor	Max. output power (W)	Max. output current (A)	U _{OUT} (V)	ta (°C)	tc (°C)	Use [1]
Xitanium 50W WH 0.7-1.5A 54V SR Is 230V	60	0,27 *0,32	0,9 C	50	1,5	60	-20...55	90	110, R
Xitanium 50W WH 0.7-1.5A 54V SR S 230V									110, BI
Xitanium 36W WH 0.3-1.05A 54V SR Is 230V	44	0,19 *0,22	0,9 C	36	1,05	60	-20...55	85	110, R
Xitanium 36W WH 0.3-1.05A 54V SR S 230V									110, BI
Xitanium 20W WH 0.15-0.5A 54V SR Is 230V	24	0,11 *0,13	0,9 C	20	0,54	60	-20...55	75	110, R
Xitanium 20W WH 0.15-0.5A 54V SR S 230V									110, BI

Note: [1] – 110=overheating protection (C.5.a type); R= independent use is allowed only with accessory (cable retainer); BI=built-in type.

Electrical connection

Supply	L, N	Screw-less terminal block 0,75-2,5 mm ² ; 0,5-2,5 mm ² (Built-in use)
looping through earth E	E	Screw-less terminal block 0,75-2,5 mm ²
Wired control	DA+, DA-	Screwless terminal block 0,5-1,5 mm ²
Wireless setting	SimpleSet	Internal antenna
Load	LED+, LED-	Screw terminal block 0,5-1,5 mm ²