

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 or Philips Lighting
Type(s)/model(s) : XITANIUM 20W/a 0.15-0.5A 54V CD 3CB 230V,
XITANIUM 20W/a 0.15-0.5A 54V CD 3CW 230V,
XITANIUM 20W/m 0.15-0.5A 54V CD 230V,
XITANIUM 20W/m 0.15-0.5A 54V S TD 230V,
XITANIUM 36W/a 0.3-1.05A 54V CD 3CB 230V,
XITANIUM 36W/a 0.3-1.05A 54V CD 3CW 230V,
XITANIUM 36W/m 0.3-1.05A 54V CD 230V,
XITANIUM 36W/m 0.3-1.05A 54V S TD 230V,
Xitanium 36W/xs 0.3-1.05A 48V 230V and
Xitanium 36W/xs 0.3-1.05A 48V D 230V

The product and any acceptable variation thereto as 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 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

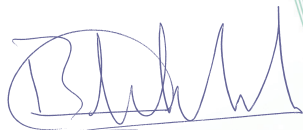
DEKRA hereby grants the right to use the ENEC certification mark.

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 9 November 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-111325 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic controlgear for LED modules
Trade name(s)	: PHILIPS or Philips Lighting
Type(s)/model(s)	: XITANIUM 20W/a 0.15-0.5A 54V CD 3CB 230V, XITANIUM 20W/a 0.15-0.5A 54V CD 3CW 230V, XITANIUM 20W/m 0.15-0.5A 54V CD 230V, XITANIUM 20W/m 0.15-0.5A 54V S TD 230V, XITANIUM 36W/a 0.3-1.05A 54V CD 3CB 230V, XITANIUM 36W/a 0.3-1.05A 54V CD 3CW 230V, XITANIUM 36W/m 0.3-1.05A 54V CD 230V, XITANIUM 36W/m 0.3-1.05A 54V S TD 230V, Xitanium 36W/xs 0.3-1.05A 48V 230V and Xitanium 36W/xs 0.3-1.05A 48V D 230V
Primary voltage	: 220-240 V a.c.; 186-250 V d.c.
Rated frequency	: 50/60 Hz; 0 Hz
Primary current	: From 0,11 to 0,2 A for a.c.; from 0,13 to 0,23 A for d.c.
Type of load	: LED modules, power LED
Secondary current	: From 0,15 to 1,05 A
Secondary power	: From 20 to 36 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 laid down in DEKRA test file 350908000.

Additional information

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

DEKRA test report No. 3509080.370 and 3509080.371 are laid down in DEKRA test file 350908000; they contain test results.

DEKRA test report No. 3509080.370 contains critical component list.

This certificate replaces certificate No. 81-111325 which we hereby declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

The factory location is registered with the number 854975.

General product information:

The devices are intended to supply high power Light Emitting Diodes or LED modules by the following primary voltage: 220-240 V (operating range 198-264 V), 50/60 Hz; Only for XITANIUM /m models: 186-250 V, 0 Hz (operating range 168-275 V). The stabilized output of DALI models (XITANIUM /m S TD models, Xitanium 36W/xs 0.3-1.05A 48V D 230V) depends on the DALI programming and is dimmable through the DALI Touch and Dim interface; XITANIUM /m CD models, XITANIUM /a CD models are dimmable by CASAMBI wireless network. The stabilized output for XITANIUM /m S TD models, XITANIUM /xs models, XITANIUM /a CD models, XITANIUM /m CD models can be programming by NFC/Simple Set wireless signal. The output power can be up to Pout max with proportionate values of lin.

Type/s	ac/dc PRI Current (A)	Power Factor	Output Power (W)	Output Current (A)	U _{OUT} d.c. (V)	ta (°C)	tc (°C)
XITANIUM 36W/m 0.3-1.05A 54V CD 230V	0,2/0,23	0,9 C	36	0,3-1,05	60	-20...50	80
XITANIUM 36W/m 0.3-1.05A 54V S TD 230V						-20...40	
XITANIUM 36W/a 0.3-1.05A 54V CD 3CB 230V, XITANIUM 36W/a 0.3-1.05A 54V CD 3CW 230V	0,19	0,9 C	20	0,15-0,5	60	-20...50	70 [2]
XITANIUM 20W/m 0.15-0.5A 54V CD 230V	0,11/0,13					-20...50	
XITANIUM 20W/m 0.15-0.5A 54V S TD 230V	0,11					-20...40	
XITANIUM 20W/a 0.15-0.5A 54V CD 3CB 230V, XITANIUM 20W/a 0.15-0.5A 54V CD 3CW 230V	0,2	0,9 C	36	0,3-1,05	60	-20...50	85 [3]
Xitanium 36W/xs 0.3-1.05A 48V D 230V						[1]	
Xitanium 36W/xs 0.3-1.05A 48V 230V							

Note: [1] -20...60 °C up to 32 W; [2] not for normally flammable surface. [3] normally flammable surface for tc≤75 °C

Connection		/m models	/xs models	/a models
Connection to supply	N, L	Screw-less terminal 0,5-1,5 mm ² (0,75 -1,5 mm ² for independent models)	Screw-less terminal 0,5-1,5 mm ²	Adaptor to track
Connection to control (if present)	N, Ls DA	Screw-less terminal 0,5-1,5 mm ² (0,75 -1,5 mm ² for independent models)	Screw-less terminal 0,5-1,5 mm ²	N/A
Connection to load	LED, JP50	Screw-less terminal 0,5-1,5 mm ²	Screw-less terminal 0,5-1,5 mm ²	Screw-less terminal 0,2-0,5 mm ²