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 100W 0.1-0.4A 375V SR 650Vdc

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 2037471

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 6 November 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-148887

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

MT Tonsi
Certification Manager

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DUTCH ACCREDITATION
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PRODUCTS
RvA C 001

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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 100W 0.1-0.4A 375V SR 650Vdc
Primary Voltage	:	650 V
Nature of supply	:	Direct current
Rated frequency	:	0 Hz
Primary current	:	0,18 A
Type of load	:	LED modules
Secondary current	:	From 0,1 to 0,4 A
Secondary power	:	100 W
Classification	:	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 rating refer to following page.

DEKRA test report No. 3509646.310 and 3509646.311 are laid down in DEKRA test file 350944600; they contain test results.

The list of components is laid down in test report 3509646.310.

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 device is an electronic controlgear for high power COBs or LED modules. Rated supply: 650 V 0 Hz with symmetrical distribution to protective earth. The stabilized output current can be set in an operative area by NFC.

Type	Input power (W)	max. input current (A)	Max. output power (W)	output current (A)	U_{OUT} (V)	ta (°C)	tc (°C)	Use [1]
Xitanium 100W 0.1-0.4A 375V SR 650Vdc	106	0,18	100	0,1-0,4	420	-30...60	90	110, BI

Note: [1] – 110=overheating protection (C.5.a type); BI=built-in type.

Connections	
Connection to power grid (L+, L-)	screwless terminals 0,5…1,5 mm²
Connection to earth (PE), surge connector (SRG)	screwless terminals 0,5…1,5 mm²
Connection to control interface Sensor Ready (DA+, DA-)	screwless terminals 0,5…1,5 mm²
Connection to load (LED+, LED-)	screwless terminals 0,5…1,5 mm²

Additional information	
Use	Built-in models for 650 V d.c. luminaire (extended range 620-750 V d.c.), up to 2000 m above sea level. Output is not isolated from supply.
Assessment to EN 62493:2015 and EN 62493:2015/A1:2022 has been performed.	