

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 Controlgear for LED modules
Trade name(s) : PHILIPS
Type(s)/model(s) : Xitanium 10W/m 0.35A 30V SC 230V, Xitanium 16W/m 0.35A 46V SC 230V, Xitanium 21W/m 0.7A 30V SC 230V, Xitanium 23W/m 0.5A 46V SC 230V, Xitanium 28W/m 0.6A 46V SC 230V, Xitanium 30W/m 0.65A 46V SC 230V, Xitanium 31W/m 0.75A 42V SC 230V, Xitanium 32W/m 0.7A 46V SC 230V, Xitanium 34W/m 0.8A 42V SC 230V, Xitanium 36W/m 0.85A 42V SC 230V and Xitanium 38W/m 0.9A 42V SC 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, EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022 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

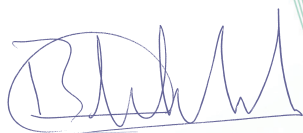
DEKRA hereby grants the right to use the ENEC certification mark.

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 22 May 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-118493 REV.1

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	: Electronic Controlgear for LED modules
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xitanium 10W/m 0.35A 30V SC 230V, Xitanium 16W/m 0.35A 46V SC 230V, Xitanium 21W/m 0.7A 30V SC 230V, Xitanium 23W/m 0.5A 46V SC 230V, Xitanium 28W/m 0.6A 46V SC 230V, Xitanium 30W/m 0.65A 46V SC 230V, Xitanium 31W/m 0.75A 42V SC 230V, Xitanium 32W/m 0.7A 46V SC 230V, Xitanium 34W/m 0.8A 42V SC 230V, Xitanium 36W/m 0.85A 42V SC 230V and Xitanium 38W/m 0.9A 42V SC 230V
Rated input voltage	: 220-240Vac
Rated frequency	: 50/60 Hz
Power factor	: 0,9C
Max. output voltage (Uout)	: 60Vdc
Max. case temperature (tc)	: 75°C
Description	: SELV; Built-in or independent (with SR cover)

Product data – type Xitanium 10W/m 0.35A 30V SC 230V

Rated input current	: 0,06A
Rated input power	: 12,5W
Output current	: 0,35A
Output power	: 10,5W
Ambient temperature (ta)	: -20...+50°C

Product data – type Xitanium 16W/m 0.35A 46V SC 230V

Rated input current	: 0,09A
Rated input power	: 19,5W
Output current	: 0,35A
Output power	: 16W
Ambient temperature (ta)	: -20...+50°C

Product data – type Xitanium 21W/m 0.7A 30V SC 230V

Rated input current	: 0,11A
Rated input power	: 25W
Output current	: 0,7A
Output power	: 21W
Ambient temperature (ta)	: -20...+50°C

Product data – type Xitanium 23W/m 0.5A 46V SC 230V

Rated input current	: 0,12A
Rated input power	: 27W
Output current	: 0,5A
Output power	: 23W
Ambient temperature (ta)	: -20...+50°C

Product data – type Xitanium 28W/m 0.6A 46V SC 230V

Rated input current	: 0,15A
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Rated input power : 33W
Output current : 0,6A
Output power : 28W
Ambient temperature (ta) : -20...+50°C

Product data – type Xitanium 30W/m 0.65A 46V SC 230V

Rated input current : 0,15A
Rated input power : 35W
Output current : 0,65A
Output power : 30W
Ambient temperature (ta) : -20...+50°C

Product data – type Xitanium 31W/m 0.75A 42V SC 230V

Rated input current : 0,16A
Rated input power : 36W
Output current : 0,75A
Output power : 31W
Ambient temperature (ta) : -20...+50°C

Product data – type Xitanium 32W/m 0.7A 46V SC 230V

Rated input current : 0,16A
Rated input power : 37W
Output current : 0,7A
Output power : 32W
Ambient temperature (ta) : -20...+50°C

Product data – type Xitanium 34W/m 0.8A 42V SC 230V

Rated input current : 0,18A
Rated input power : 39W
Output current : 0,8A
Output power : 34W
Ambient temperature (ta) : -20...+45°C

Product data – type Xitanium 36W/m 0.85A 42V SC 230V

Rated input current : 0,18A
Rated input power : 41W
Output current : 0,85A
Output power : 36W
Ambient temperature (ta) : -20...+45°C

Product data – type Xitanium 38W/m 0.9A 42V SC 230V

Rated input current : 0,2A
Rated input power : 43W
Output current : 0,9A
Output power : 38W
Ambient temperature (ta) : -20...+45°C

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 60598-1:2021
EN IEC 60598-1:2021/A11:2022
EN IEC 62384:2020

Test result

The test results are laid down in DEKRA test file 615513700.

Additional information

Constant current type and with terminal blocks

Short-circuit proof

The insulation between primary and secondary is considered as reinforced insulation.

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturer's right to conduct type tests for the ENEC certification system under supervision of DEKRA (CTF Stage 3).

This certificate replaces certificate No. 31-118493 which we hereby declare invalid.

The list of components is laid down in test report 6155137.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 674666, 305810 and 15204.

Trade name(s) : PHILIPS Stands for **PHILIPS**