# 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 SIGNIFY |
| Type(s)/model(s) | : | Xi 18W 0.1-0.5A 54V S 230V and Xi 18W 0.1-0.5A 54V TD 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 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 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 21 July 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-112862 REV.3

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

Kreny Lin
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Electronic controlgear for LED modules |
| Trade name(s) | : | PHILIPS or SIGNIFY |
| Type(s)/model(s) | : | Xi 18W 0.1-0.5A 54V S 230V and<br>Xi 18W 0.1-0.5A 54V TD 230V |
| Input voltage | : | 220-240 Vac or 186-250 Vdc |
| Rated frequency | : | 50/60 Hz; DC |
| Input current | : | 0.1 Aac or 0.11 Adc |
| Input power | : | 21 W |
| Power factor | : | 0,9C |
| Output current (Irated) | : | 0.1 - 0.5 Adc |
| Output voltage | : | 24-54 Vdc |
| Max working voltage (Uout) | : | 60 Vdc max |
| Output power (Prated) | : | 18 W |
| Rated ambient temperature (ta) | : | -20... +50 °C |
| Description | : | built-in |
| Temperature of declared thermal protection | : | 110 °C |

### Product data – type Xi 18W 0.1-0.5A 54V S 230V

| | | |
|---|---|---|
| Max case temperature (tc) | : | 75 °C |

### Product data – type Xi 18W 0.1-0.5A 54V TD 230V

| | | |
|---|---|---|
| Max case temperature (tc) | : | 85 °C |

## 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 IEC 62384:2020

### Test result

The test results are documented in DEKRA test file 6231334.50 & 6231334.51 & 6231334.52 & 6231334.53.

## Additional information

The insulation between input to output: SELV
The insulation between output to DALI: Double or reinforced insulation
The insulation between input to housing / PE: Basis insulation
The insulation between output to housing / PE: Basic insulation
The insulation between DALI to housing / PE: Basic insulation
Suitable for emergency luminaire acc. IEC 60598-2-22, excluding high risk task areas

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. 71-112862 REV.2 which we hereby declare invalid.

The list of components is laid down in test report 6231334.50 & 6231334.52.

## Conclusion

The examination has confirmed that all requirements were met.

## Factory locations

The factory locations are registered with the numbers 674666, 305810 and 306303.