# 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 350-500mA 200V DS 230V,<br>Xitanium 100W 350-500mA 200V DS 230V EL,<br>Xitanium 150W 400-700mA 215V DS 230V,<br>Xitanium 150W 400-700mA 215V DS 230V EL,<br>Xitanium 80W 400-550mA 200V DS 230V and<br>Xitanium 90W 200-350mA 256V DS 230V EL |

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

Certificate number: 31-137437 REV.2

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

K. Lin
Certification Manager



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 |
| Type(s)/model(s) | : | Xitanium 100W 350-500mA 200V DS 230V,<br>Xitanium 100W 350-500mA 200V DS 230V EL,<br>Xitanium 150W 400-700mA 215V DS 230V,<br>Xitanium 150W 400-700mA 215V DS 230V EL,<br>Xitanium 80W 400-550mA 200V DS 230V and<br>Xitanium 90W 200-350mA 256V DS 230V EL |
| Power factor (PF) | : | 0,9C |
| Ambient temperature range (ta) | : | -25…+50 °C |
| Max case temperature (tc) | : | 85 °C |
| Description | : | Built-in; non-isolating |

### Product data – type Xitanium 100W 350-500mA 200V DS 230V

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac |
| Rated frequency | : | 50/60 Hz |
| Input current | : | 0,5 Aac |
| Input power | : | 104 W |
| Output voltage | : | 100-200 Vdc |
| Max working voltage (Uout) | : | 250 V |
| Output current | : | 0,35 / 0,4 / 0,45 / 0,5 A |
| Output power | : | 100 W |

### Product data – type Xitanium 100W 350-500mA 200V DS 230V EL

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac or 186-250 Vdc |
| Rated frequency | : | 50/60 Hz or DC |
| Input current | : | 0,5 Aac or 0,38-0,55 Adc |
| Input power | : | 104 W |
| Output voltage | : | 80-200 Vdc |
| Max working voltage (Uout) | : | 250 V |
| Output current | : | 0,35 / 0,4 / 0,45 / 0,5 A |
| Output power | : | 100 W |

### Product data – type Xitanium 150W 400-700mA 215V DS 230V

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac |
| Rated frequency | : | 50/60 Hz |
| Input current | : | 0,75 Aac |
| Input power | : | 156 W |
| Output voltage | : | 140-215 Vdc |
| Max working voltage (Uout) | : | 300 V |
| Output current | : | 0,4 / 0,5 / 0,6 / 0,7 A |
| Output power | : | 150 W |

### Product data – type Xitanium 150W 400-700mA 215V DS 230V EL

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac or 186-250 Vdc |
| Rated frequency | : | 50/60 Hz or DC |
| Input current | : | 0,75 Aac or 0,6-0,85 Adc |
| Input power | : | 156 W |
| Output voltage | : | 140-215 Vdc |
| Max working voltage (Uout) | : | 300 V |
| Output current | : | 0,4 / 0,5 / 0,6 / 0,7 A |

| | | |
|---|---|---|
| Output power | : | 150 W |

**Product data – type Xitanium 80W 400-550mA 200V DS 230V**

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac |
| Rated frequency | : | 50/60 Hz |
| Input current | : | 0,39 Aac |
| Input power | : | 84 W |
| Output voltage | : | 80-200 Vdc |
| Max working voltage (Uout) | : | 250 V |
| Output current | : | 0,4 / 0,45 / 0,5 / 0,55 A |
| Output power | : | 80 W |

**Product data – type Xitanium 90W 200-350mA 256V DS 230V EL**

| | | |
|---|---|---|
| Input voltage | : | 220-240 Vac or 186-250 Vdc |
| Rated frequency | : | 50/60 Hz or DC |
| Input current | : | 0,43 Aac or 0,34-0,49 Adc |
| Input power | : | 94 W |
| Output voltage | : | 150-256 Vdc |
| Max working voltage (Uout) | : | 300 V |
| Output current | : | 0,2 / 0,25 / 0,3 / 0,35 A |
| Output power | : | 90 W |

## 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 620044200.

**Additional information**
This certificate replaces certificate No. 31-137437 REV.1 which we hereby declare invalid.

The list of components is laid down in test report 6200442.50 and 6200442.51.

**Conclusion**
The examination has confirmed that all requirements were met.

**Factory location**
The factory location is registered with the number 41289.