

# CERTIFICATE

Issued to:  
Applicant:  
**Philips Lighting B.V.**  
**High Tech Campus 45**  
**5656 AE Eindhoven**  
**The Netherlands**

Manufacturer/Licensee:  
**Philips Lighting B.V.**  
**High Tech Campus 45**  
**5656 AE Eindhoven**  
**The Netherlands**

Product : LED drivers  
Trade name : PHILIPS  
Types : Xitanium 20W WH 0.15-0.5A 54V Is  
Xitanium 20W WH 0.15-0.5A 54V S  
Xitanium 36W WH 0.3-1.05A 54V Is  
Xitanium 36W WH 0.3-1.05A 54V S

The product and any acceptable variation thereto is 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 the standard EN 61347-1:2015, EN 61347-2-13:2014, EN 62384:2006 + A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 947556

DEKRA hereby grants the right to use the ENEC KEMA-KEUR certification mark.

The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

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This certificate is issued on: 22 December 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2197782.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



T. Drost  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

product	: LED drivers
trade name	: PHILIPS
types	: Xitanium 20W WH 0.15-0.5A 54V Is Xitanium 20W WH 0.15-0.5A 54V S Xitanium 36W WH 0.3-1.05A 54V Is Xitanium 36W WH 0.3-1.05A 54V S
rated voltage	: 220-240 Vac or 186-250 Vdc
nature of supply	: ac/dc
rated frequency	: 50/60 Hz; DC
rated input current	: see product data per type
rated input power	: see product data per type
power factor	: 0,9C
output current	: see product data per type
output voltage	: 60 Vdc max; SELV
output power	: see product data per type
max. case temperature (tc)	: see product data per type
ambient temperature range (ta)	: see product data per type
description	: see product data per type

**Additional information**

- The insulation between primary and secondary is considered as reinforced insulation
- Constant current type
- Temperature declared thermally protection: 110 °C
- Suitable for emergency use acc. IEC 60598-2-22, excl. high risk task areas

**Product data - type Xitanium 20W WH 0.15-0.5A 54V Is**

rated input current	: 0,11 Aac or 0,13 Adc
rated input power	: 24 W
output current	: 0,15-0,5 A
output power	: 20 W
max. case temperature (tc)	: 75 °C
ambient temperature range (ta)	: -20...+55 °C
description	: independent

**Product data - type Xitanium 20W WH 0.15-0.5A 54V S**

rated input current	: 0,11 Aac or 0,13 Adc
rated input power	: 24 W
output current	: 0,15-0,5 A
output power	: 20 W
max. case temperature (tc)	: 85 °C
ambient temperature range (ta)	: -20...+65 °C
description	: built-in LED driver with double insulation

**Product data - type Xitanium 36W WH 0.3-1.05A 54V Is**

rated input current : 0,19 Aac or 0,22 Adc  
rated input power : 44 W  
output current : 0,3-1,05 A  
output power : 36 W  
max. case temperature (tc) : 80 °C  
ambient temperature range (ta) : -20...+55 °C  
description : independent

**Product data - type Xitanium 36W WH 0.3-1.05A 54V S**

rated input current : 0,19 Aac or 0,22 Adc  
rated input power : 44 W  
output current : 0,3-1,05 A  
output power : 36 W  
max. case temperature (tc) : 85 °C  
ambient temperature range (ta) : -20...+60 °C  
description : built-in LED driver with double insulation

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-2-13:2014  
EN 62384:2006 + A1:2009

**Test results**

The test results are laid down in DEKRA test file 2197782.00.

**Remark**

The list of components is laid down in test report 2197782.50.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : L.N.H. Huynh



Checked by : T.H.J.M. Michels

