# **CERTIFICATE**

Issued to:
Applicant:
Philips Lighting B.V.
High Tech Campus 48
5656 AE Eindhoven, The Netherlands

Licensee:
Philips Lighting B.V.
High Tech Campus 48
5656 AE Eindhoven, The Netherlands

Product : LED drivers Trade name(s) : PHILIPS

Type(s)/model(s) : XITANIUM 36W 0.3-1A 54V SR 230V and XITANIUM 36W 0.3-1A 54V TD 230V

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 61347-2-13:2014/A1:2017, EN 62384:2006 and 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 certification mark

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

This certificate is issued on 16 January 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-107065

**DEKRA Certification B.V.** 

B.T.M. Holtus Managing Director

JMg Marggraf Certification Manager

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ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL









#### SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product : LED drivers Trade name(s) : PHILIPS

Type(s)/model(s) : XITANIUM 36W 0.3-1A 54V SR 230V and

XITANIUM 36W 0.3-1A 54V TD 230V

Rated input voltage (Un) : 220...240 Vac

Nature of supply : ac/dc
Rated frequency (fn) : 50/60 Hz, DC
Rated input current (In) : 0,2 A
Rated input power (Pn) : Pn=42 W

Ouput current (lout) : 0,3-1,0 A max
Output power (Pout) : Pout=36 W
Ambient temperature range : ta=-20...+50 °C
Max. case temperature : tc=+75 °C

Uout : Uout=27-54 Vdc (60 Vdc max)

Powerfactor : pf=0,9C

#### **TESTS**

#### **Test requirements**

EN 61347-1:2015 EN 61347-2-13:2014 EN 61347-2-13:2014/A1:2017

EN 62384:2006

EN 62384:2006/A1:2009

## **Test result**

The test results are laid down in DEKRA test file 223321700.

### Additional information

The LED current can be set within a range by means of an external resistor to LEDset, DALI or Philips SimpleSet.

Dimming is possible through the DALI interface, Dimming range is 1%...100%. The DALI SR interface provides power for a sensor device.

This certificate replaces certificate No. 2190735.01 which we herewith declare invalid.

The list of components is laid down at test report 2233217.52.

### Conclusion

The examination proved that all requirements were met.