

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 driver
Trade name(s) : PHILIPS
Type(s)/model(s) : Xitanium 25W 0.7A TWE I160 and Xitanium 40W 0.7A TWE I160

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 61347-2-13:2014, EN 61347-1:2015, EN 62384:2006, EN 62384:2006/A1:2009 and EN 60598-1:2015
- 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 19 July 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-100950

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kreny Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED driver
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xitanium 25W 0.7A TWE I160 and Xitanium 40W 0.7A TWE I160
Rated input voltage	: 220-240
Rated input current	: See product data per type
Nature of supply	: ac
Rated frequency	: 50/60 Hz
Output current	: 0,7 A
Output voltage	: See product data per type
Output power	: See product data per type
Case temperature (tc)	: See product data per type
Ambient temperature (ta)	: -40...+55 °C
Power factor (PF)	: 0,9C
Description	: independent

Product data – type Xitanium 25W 0.7A TWE I160

Rated input current	: 0,27-0,12 Aac
Output voltage	: 20-36 Vdc; 50 Vdc Max. open circuit; SELV
Output power	: 25 W
Case temperature (tc)	: 75 °C

Product data – type Xitanium 40W 0.7A TWE I160

Rated input current	: 0,42-0,18 Aac
Output voltage	: 35-57 Vdc; 80 Vdc Max. open circuit; SELV
Output power	: 40 W
Case temperature (tc)	: 80 °C

TESTS**Test requirements**

EN 61347-2-13:2014
EN 61347-1:2015
EN 62384:2006
EN 62384:2006/A1:2009
EN 60598-1:2015

Test result

The test results are laid down in DEKRA test file 600586700.

Additional Information

For component list refers to annex 1 of test reports 6005867.50.

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

Conclusion

The examination proved that all requirements were met.

Factory location

Hengdian Group Tospo Lighting Co., Ltd.
Hengdian Industrial Zone,
Dongyang, Zhejiang
322118 Zhejiang Province, China