

CERTIFICATE

Issued to:
Applicant:
Osram GmbH
Marcel-Breuer-Straße 6
80807 München
Germany

Manufacturer/Licensee:
Osram GmbH
Marcel-Breuer-Straße 6
80807 München
Germany

Product : Built-in LED drivers
Trade name : OSRAM
Types : OT FIT 20/220-240/500 CS
OT FIT 30/220-240/700 CS
OT FIT 40/220-240/1A0 CS

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 61347-1:2008; EN 61347-2-13:2014; EN 62384:2006
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2196588

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.

This certificate is issued on: 19 October 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2196588.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.J. de Vries
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Built-in LED drivers
trade name	: OSRAM
types	: OT FIT 20/220-240/500 CS OT FIT 30/220-240/700 CS OT FIT 40/220-240/1A0 CS
rated input voltage	: 220-240 V~
rated input current	: see product data per type
nature of supply	: ac
rated frequency	: 50/60 Hz
output current	: see product data per type
output voltage range	: see product data per type
max. open load voltage	: 60 Vdc
max. output power	: see product data per type
power factor	: see product data per type
max. case temperature (tc)	: 80 °C
ambient temperature range (ta)	: see product data per type

Additional information

- SELV; Safety isolating non- inherently short circuit proof; 110 °C thermal protection

Product data - type OT FIT 20/220-240/500 CS

rated input current	: Output 1: 0,08 A; Output 2: 0,10 A Output 3: 0,11 A; Output 4: 0,13 A
output current	: Output 1: 250 mA; Output 2: 350 mA Output 3: 450 mA; Output 4: 500 mA
output voltage range	: 25-42 Vdc
max. output power	: Output 1: 11 W; Output 2: 15 W; Output 3: 19 W; Output 4: 21 W
ambient temperature range (ta)	: 50 °C
power factor	: Output 1: 0,95; Output 2, Output 3, Output 4: 0,98

Product data - type OT FIT 30/220-240/700 CS

rated input current	: Output 1: 0,12 A; Output 2: 0,14 A; Output 3: 0,15 A; Output 4: 0,16 A
output current	: Output 1: 500 mA; Output 2: 600 mA Output 3: 650 mA; Output 4: 700 mA
output voltage range	: 23-42 Vdc
max. output power	: Output 1: 21 W; Output 2: 25 W; Output 3: 27 W; Output 4: 30 W
ambient temperature range (ta)	: 50 °C
power factor	: Output 1: 0,95; Output 2, Output 3, Output 4: 0,98

Product data - type OT FIT 40/220-240/1A0 CS

rated input current	: Output 1: 0,12 A; Output 2: 0,14 A Output 3: 0,15 A; Output 4: 0,16 A
output current	: Output 1: 800 mA; Output 2: 900 mA Output 3: 950 mA; Output 4: 1050 mA
output voltage range	: Output 1, Output 2, Output 3: 25-42 Vdc Output 4: 30-42 Vdc
max. output power	: Output 1: 34 W; Output 2: 38 W Output 3: 40 W; Output 4: 44 W
ambient temperature range (ta)	: Output 1, Output 2, Output 3: 50 °C Output 4: 45 °C
power factor	: 0,98

TESTS**Test requirements**

EN 61347-1:2008 + A1:2011 + A2:2013

EN 61347-2-13:2014

EN 62384:2006 + A1:2009

Test results

The test results are laid down in DEKRA test file 2196588.00.

Remarks

The components used in the appliance are laid down in the test report no. 2196588.52.

This certificate supersedes the certificate no. 2196588.01, dated 14 September 2016 which is herewith declared invalid.

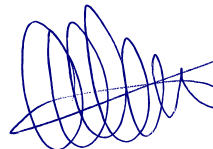
Conclusion

The examination proved that all test requirements were met.

Tested by : L.N.H. Huynh



Checked by : A.P. van der Veen



Factory location

Sichuan Changhong Component Technology, Co. Ltd.
Shiqiaopu, High-Tech Park
Mianyang
621000 Sichuan
China