

CERTIFICATE

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

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

Product : Built-in LED drivers
Trade name(s) : OSRAM
Type(s)/model(s) : OT FIT 15/220-240/350 CS S MINI, OT FIT 20/220-240/500 CS S MINI,
OT FIT 30/220-240/700 CS S MINI and OT FIT 38/220-240/900 CS S MINI

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 2196588

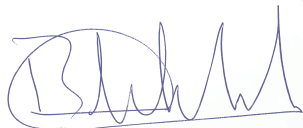
DEKRA hereby grants the right to use the ENEC certification mark.

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 21 December 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-106287 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Built-in LED drivers
Trade name(s)	: OSRAM
Type(s)/model(s)	: OT FIT 15/220-240/350 CS S MINI, OT FIT 20/220-240/500 CS S MINI, OT FIT 30/220-240/700 CS S MINI and OT FIT 38/220-240/900 CS S MINI
Rated voltage	: 220-240 V~
Rated frequency	: 50/60 Hz
Degree of protection	: IP20
Description	: SELV; Safety isolating non-inherently short-circuit proof; 110 °C thermal protection; constant current type

Product data – type OT FIT 15/220-240/350 CS S MINI

Rated input current	: Output 1: 0,047 A; Output 2: 0,052 A; Output 3: 0,068 A; Output 4: 0,073 A
Output current	: Output 1: 225 mA; Output 2: 250 mA; Output 3: 325 mA; Output 4: 350 mA
Output voltage range	: 30-42 Vdc
Max. open load voltage	: 60 V
Max. output wattage	: Output 1: 9,5 W; Output 2: 10,5 W; Output 3: 13,7 W; Output 4: 14,7 W
Ambient temperature (ta)	: 55 °C
Max. case temperature (tc)	: 75 °C
Power factor	: Output 1: 0,9C; Output 2: 0,95; Output 3: 0,95; Output 4: 0,95

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

Rated input current	: Output 1: 0,082 A; Output 2: 0,093 A; Output 3: 0,098 A; Output 4: 0,106 A
Output current	: Output 1: 400 mA; Output 2: 450 mA; Output 3: 475 mA; Output 4: 500 mA
Output voltage	: 30-42 Vdc
Max. open load voltage	: 60 V
Max. output wattage	: Output 1: 16,8 W; Output 2: 18,9 W; Output 3: 20 W; Output 4: 21 W
Ambient temperature (ta)	: 50 °C
Max. case temperature (tc)	: 80 °C
Power factor	: Output 1: 0,9C, Output 2: 0,95, Output 3: 0,95, Output 4: 0,95

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

Rated input current	: Output 1: 0,118 A; Output 2: 0,128 A; Output 3: 0,139 A; Output 4: 0,147 A
Output current	: Output 1: 550 mA; Output 2: 600 mA; Output 3: 650 mA; Output 4: 700 mA
Output voltage range	: 30-42 Vdc
Max. open load voltage	: 60 V
Max. output wattage	: Output 1: 23,1 W; Output 2: 25,2 W; Output 3: 27,3 W; Output 4: 29,4 W
Ambient temperature (ta)	: 60 °C
Max. case temperature (tc)	: 90 °C
Power factor	: 0,95

Product data – type OT FIT 38/220-240/900 CS S MINI

Rated input current	: Output 1: 0,170 A; Output 2: 0,180 A; Output 3: 0,182 A; Output 4: 0,184 A
Output current	: Output 1: 800 mA; Output 2: 850 mA; Output 3: 875 mA; Output 4: 900 mA
Output voltage	: 30-42 Vdc
Max. open load voltage	: 60 V
Max. output wattage	: Output 1: 33,6 W; Output 2: 35,7 W; Output 3: 36,8 W; Output 4: 37,8 W
Ambient temperature (ta)	: Output 1: 60 °C; Output 2, Output 3, Output 4: 55 °C
Max. case temperature (tc)	: 95 °C
Power factor	: 0,95

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 434908200 and 434592500.

Additional information

This certificate replaces certificate No. 35-106287 which we herewith declare invalid.

The list of components is laid down at test report 4345925A.50, 4345925A.52.

Conclusion

The examination proved that all requirements were met.

Factory location

Intelligent Components Technology Zhuhai Ltd. (China)
No.9, Dexiang Road, Pingsha Town
519055 Zhuhai City, Guangdong, China