

CERTIFICATE

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

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

Product : Independent LED drivers
Trade name(s) : OSRAM
Type(s)/model(s) : OT 100/220-240/1A4 2DIM P7, OT 100/220-240/1A4 2DIM P7 WP,
OT 150/220-240/1A4 2DIM P7, OT 150/220-240/1A4 2DIM P7 WP,
OT 200/220-240/1A4 2DIM P7 and OT 200/220-240/1A4 2DIM P7 WP

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

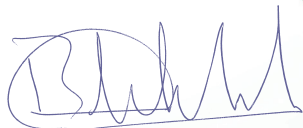
DEKRA hereby grants the right to use the ENEC certification mark.

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.

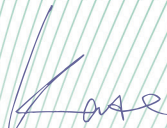
This certificate is issued on 9 July 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-109318

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

| | |
|----------------------|---|
| Product | : Independent LED drivers |
| Trade name(s) | : OSRAM |
| Type(s)/model(s) | : OT 100/220-240/1A4 2DIM P7, OT 100/220-240/1A4 2DIM P7 WP, OT 150/220-240/1A4 2DIM P7, OT 150/220-240/1A4 2DIM P7 WP, OT 200/220-240/1A4 2DIM P7 and OT 200/220-240/1A4 2DIM P7 WP |
| Rated input voltage | : 220-240 V~ |
| Rated frequency | : 50/60 Hz |
| Power factor | : $\geq 0,95$ |
| Class of insulation | : Class I |
| Degree of protection | : IP67 |
| Description | : Non-inherently short circuit proof, 120 °C thermally protection, constant current type |

Product data – type OT 100/220-240/1A4 2DIM P7 and OT 100/220-240/1A4 2DIM P7 WP

| | |
|----------------------------|---------------|
| Rated input current | : Max. 520 mA |
| Output current | : 0,7-1,4 A |
| Output voltage range | : 72-144 Vdc |
| Uout | : 200 Vdc |
| Max. output wattage | : 100 W |
| Max. case temperature (tc) | : 85 °C |
| Ambient temperature (ta) | : 55 °C |
| Additional information | : Isolating |

Product data – type OT 150/220-240/1A4 2DIM P7 and OT 150/220-240/1A4 2DIM P7 WP

| | |
|----------------------------|---------------|
| Rated input current | : Max. 830 mA |
| Output current | : 0,7-1,4 A |
| Output voltage range | : 107-214 Vdc |
| Uout | : 250 Vdc |
| Max. output wattage | : 150 W |
| Max. case temperature (tc) | : 85 °C |
| Ambient temperature (ta) | : 55 °C |
| Additional information | : Separating |

Product data – type OT 200/220-240/1A4 2DIM P7 and OT 200/220-240/1A4 2DIM P7 WP

| | |
|----------------------------|---------------|
| Rated input current | : Max. 1,1 A |
| Output current | : 0,7-1,4 A |
| Output voltage range | : 143-286 Vdc |
| Uout | : 350 Vdc |
| Max. output wattage | : 200 W |
| Max. case temperature (tc) | : 90 °C |
| Ambient temperature (ta) | : 55 °C |
| Additional information | : Separating |

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 435410200.

Additional information

The products tested comply with EN 60598-1:2015 + A1:2018.

The list of components is laid down at test report 4354102.50.

Conclusion

The examination proved that all requirements were met.

Factory location