

# CERTIFICATE

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

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

Product : PWM LED dimmers  
Trade name(s) : OSRAM  
Type(s)/model(s) : OTi DALI DIM 1-4CH D and OTi DALI DIM 1-4CH S

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 61347-2-11:2001 and EN 61347-2-11:2001/A1:2019
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2196588

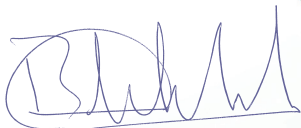
DEKRA hereby grants the right to use the ENEC certification mark.

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 7 September 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-115502

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



S. Lehner  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: PWM LED dimmers
Trade name(s)	: OSRAM
Type(s)/model(s)	: OTi DALI DIM 1-4CH D and OTi DALI DIM 1-4CH S
Rated input voltage	: 12-48 Vdc
Max. output watt	: UIN: 12 Vdc, POUT: max. 120 W; UIN: 24 Vdc, POUT: max. 240 W; UIN: 48 Vdc, POUT: max. 240 W
Class of insulation	: Class II
Max. case temperature (tc)	: 60 °C
Ambient temperature (ta)	: -30...+50 °C
Degree of protection	: IP20
Additional information	: Independent type, DALI or mains touch dim sensor, Class II, IP20, Safety isolating non-inherently shorted circuit proof, 110 °C thermal protection, MM mark.

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-2-11:2001  
EN 61347-2-11:2001/A1:2019

**Test result**

The test results are laid down in DEKRA test file 436471400.

**Additional information**

The LED PWM dimmers also consider EN 60598-1:2015 + A1:2018.

The list of components is laid down at test report 4364714.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

Eaglerise Electric & Electronic (China) Co., Ltd. Beijiao Branch  
No.4, East Huanzhen Road, Beijiao Shunde,  
528000 Foshan, Guangdong, China