

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 modules
Trade name(s) : OSRAM
Type(s)/model(s) : TF2000TW-G1-827.865-05 and TFP2000TW-G1-827.865-05

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 62031:2008, EN 62031:2008/A1:2013 and EN 62031:2008/A2:2015
- 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 24 June 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-114433

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 modules
Trade name(s)	: OSRAM
Type(s)/model(s)	: TF2000TW-G1-827.865-05 and TFP2000TW-G1-827.865-05
Rated voltage	: 24 Vdc
Max. power	: 54 W
Ambient temperature (ta)	: 50 °C
Tc	: 80 °C
Degree of protection	: IP66 (TFP2000TW-G1-827.865-05) IP00 (TF2000TW-G1-827.865-05)

TESTS**Test requirements**

EN 62031:2008
EN 62031:2008/A1:2013
EN 62031:2008/A2:2015

Test result

The test results are laid down in DEKRA test file 436451500.

Additional information

The list of components is laid down at test report 4364515.50.

Conclusion

The examination proved that all requirements were met.