

# CERTIFICATE

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

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

Product : LED driver(With side covers: independent type; without side covers: built-in type)  
Trade name(s) : OSRAM  
Type(s)/model(s) : ELEMENT 10/220-240/250 S LPF, ELEMENT 12/220-240/300 S LPF, ELEMENT 15/220-240/350 S LPF, ELEMENT 4/220-240/100 S LPF, ELEMENT 6/220-240/150 S LPF and ELEMENT 8/220-240/200 S LPF

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(s) EN 61347-1:2015, EN 61347-1:2015/A1:2021, 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 factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2196588

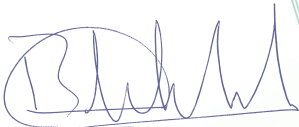
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 18 November 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-121300

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



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

Product	: LED driver(With side covers: independent type; without side covers: built-in type)
Trade name(s)	: OSRAM
Type(s)/model(s)	: ELEMENT 10/220-240/250 S LPF, ELEMENT 12/220-240/300 S LPF, ELEMENT 15/220-240/350 S LPF, ELEMENT 4/220-240/100 S LPF, ELEMENT 6/220-240/150 S LPF and ELEMENT 8/220-240/200 S LPF
Rated input voltage	: 220-240 V~
Rated frequency	: 50/60 Hz
Uout	: 60 Vdc
Degree of protection	: IP 20
Class of insulation	: Class II
Ambient temperature (ta)	: 50 °C
Additional information	: SELV, Safety isolating non-inherently short circuit proof, 110 °C thermally protection, constant current type, built-in type: reinforced insulation;

**Product data – type ELEMENT 10/220-240/250 S LPF**

Additional information : Irated 250 mA, Prated: 10 W, Urated 30-42 Vdc, In 0,091 A,  
tc 75 °C,  $\lambda$  0,5-0,6C;

**Product data – type ELEMENT 12/220-240/300 S LPF**

Additional information : Irated 300 mA, Prated: 12 W, Urated 30-42 Vdc, In 0,109 A,  
tc 75 °C,  $\lambda$  0,5-0,6C;

**Product data – type ELEMENT 15/220-240/350 S LPF**

Additional information : Irated 350 mA, Prated: 15 W, Urated 30-42 Vdc, In 0,125 A,  
tc 75 °C,  $\lambda$  0,5-0,6C

**Product data – type ELEMENT 4/220-240/100 S LPF**

Additional information : Irated 100 mA, Prated: 4 W, Urated 30-42 Vdc, In 0,038 A,  
tc 70 °C,  $\lambda$  0,5-0,6C;

**Product data – type ELEMENT 6/220-240/150 S LPF**

Additional information : Irated 150 mA, Prated: 6 W, Urated 30-42 Vdc, In 0,057 A,  
tc 70 °C,  $\lambda$  0,5-0,6C;

**Product data – type ELEMENT 8/220-240/200 S LPF**

Additional information : Irated 200 mA, Prated: 8 W, Urated 30-42 Vdc, In 0,073 A,  
tc 70 °C,  $\lambda$  0,5-0,6C;

**TESTS****Test requirements**

EN 61347-1:2015

EN 61347-1:2015/A1:2021



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 437470500.

**Additional information**

The list of components is laid down in test report 4374705.50, 4374705.51.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

Ningbo Lishunda Power Supply Technology Co.,Ltd.  
No.13 Guangming Road, Lishan Village  
315491 Yuyao City, Zhejiang Province Zhejiang, China