

CERTIFICAT

CERTIFICADO

СЕРТИФИКАТ

認證證書

CERTIFICATE

ZERTIFIKAT



Management Service

# CERTIFICATE

The Certification Body  
of TÜV SÜD Management Service GmbH

certifies that



**OSRAM Opto Semiconductors GmbH**  
Leibnizstraße 4  
93055 Regensburg  
Germany

has established and applies  
a Quality Management System for

**Design, development and production of  
Opto Semiconductor wafer,  
Opto Electronic components and displays.**

An audit was performed, Report No. **707056398**.

Proof has been furnished that the requirements  
according to

**ISO 9001:2015**

are fulfilled.

The certificate is valid in conjunction  
with the main certificate from **2017-12-11** until **2019-12-20**.

Certificate Registration No.: **12 100 52177/11 TMS**.

*M. Wegner*

Product Compliance Management  
Munich, 2017-12-12



Deutsche  
Akkreditierungsstelle  
D-ZM-14143-01-00



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Management Service

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The Certification Body  
of TÜV SÜD Management Service GmbH

certifies that

**OSRAM**

Opto Semiconductors

**OSRAM Opto Semiconductors (Malaysia) SDN. BHD**  
Bayan Lepas Free Industrial Zone Phase 1  
11900 Bayan Lepas, Penang  
Malaysia

has established and applies  
a Quality Management System for

**Design, development and production of  
Opto Semiconductor wafer,  
Opto Electronic components and displays.**

An audit was performed, Report No. **707056398**.

Proof has been furnished that the requirements  
according to

**ISO 9001:2015**

are fulfilled.

The certificate is valid in conjunction  
with the main certificate from **2017-12-11** until **2019-12-20**.

Certificate Registration No.: **12 100 52177/12 TMS**.

Product Compliance Management  
Munich, 2017-12-12



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Management Service

# CERTIFICATE

The Certification Body  
of TÜV SÜD Management Service GmbH

certifies that

**OSRAM**  
Opto Semiconductors

**OSRAM Opto Semiconductors (China) Co. Ltd.**  
No. 57, XiQin Rd  
Wuxi XinWu District, Jiangsu, P.R. China  
Post Code: 214028

Organisation code: 05524191-X

has established and applies  
a Quality Management System for

**Production of  
Opto Semiconductor components and displays.**

An audit was performed, Report No. **707056398**.

Proof has been furnished that the requirements  
according to

**ISO 9001:2015**

are fulfilled.

The certificate is valid in conjunction  
with the main certificate from **2017-12-11** until **2019-12-20**.

Certificate Registration No.: **12 100 52177/18 TMS**.

Information about this certificate can be inquired at the official website of Certification and  
Accreditation Administration of the People's Republic of China ([www.cnca.gov.cn](http://www.cnca.gov.cn)).



Product Compliance Management  
Munich, 2017-12-12



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Management Service

# CERTIFICATE

The Certification Body  
of TÜV SÜD Management Service GmbH

certifies that

**OSRAM**

Opto Semiconductors

**OSRAM Opto Semiconductors, Inc.**

Kifer Road 1150  
Sunnyvale, California, CA 94086  
USA

has established and applies  
a Quality Management System for

**Sales, marketing, customer service and logistics.**

An audit was performed, Report No. **707056398**.

Proof has been furnished that the requirements  
according to

**ISO 9001:2015**

are fulfilled.

The certificate is valid in conjunction  
with the main certificate from **2017-12-11** until **2019-12-20**.

Certificate Registration No.: **12 100 52177/14 TMS**.

Product Compliance Management  
Munich, 2017-12-12



# DECLARATION of CONFORMITY

## Substances in products

### Legal Requirements & Standards for the EU-Market

Placing on the market of products is subject to specific regional (EU) or national legal requirements. Within the European Union (EU), these legal requirements are defined in EU-Regulations which are directly enforceable in the Member States or in EU-Directives which require a transformation into Member States' national legal systems. Compliance with the applicable legal requirements is obligatory for every party putting products on the EU-Market. Therefore OSRAM bears responsibility.

The following Directives and Regulations restrict the use of hazardous substances in products and packaging (see also: [www.osram.com/ile](http://www.osram.com/ile)):

- Directive 2011/65/EU ("RoHS") incl. amendments  
(see also [http://ec.europa.eu/environment/waste/rohs\\_eee/legis\\_en.htm](http://ec.europa.eu/environment/waste/rohs_eee/legis_en.htm)  
RoHS conformity is also part of the below mentioned CE labelling scheme)
- Directive 2000/53/EC ("End-of-life vehicles – ELV")
- Directive 94/62/EC ("Packaging Directive")
- Directive 2006/66/EC ("Battery Directive")
- Regulation (EC) No 1907/2006 ("REACH")

The CE mark on our products indicates conformity with Directives and Regulations covering product safety, electromagnetic compatibility and product performance. Conformity with the following and all other CE relevant regulations is attested in separate EC Declarations of Conformity:

- Directive 2014/35/EU ("Low Voltage Directive - LVD"), Recast of 2006/95/EC
- Directive 2014/30/EU ("Electromagnetic Compatibility Directive - EMC") Recast of 2004/108/EC
- Directive 2009/125/EC ("Energy related Products" Framework Directive)  
and its Implementing Measures:
  - Regulation (EC) No 244/2009, amended by Regulations (EC) 859/2009 and (EU) 1428/2015
  - Regulation (EC) No 245/2009, amended by Regulations (EC) 347/2010 and (EU) 1428/2015
  - Regulation (EU) No 1194/2012, amended by Regulation (EU) 1428/2015
  - Regulation (EU) No 874/2012 ("Energy Labelling"), amended by Regulation (EU) 518/2014

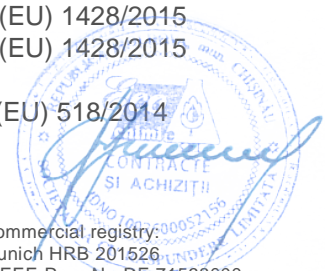
Postal address:  
OSRAM GmbH  
80920 Munich

Office address:  
OSRAM GmbH  
Marcel-Breuer-Strasse 6  
80807 Munich

OSRAM GmbH  
Munich  
Chairman of the  
Supervisory Board:  
Peter Bauer

Managing Directors:  
Dr. Olaf Berlien  
(Chairman)  
Ingo Bank  
Dr. Stefan Kampmann

Commercial registry:  
Munich HRB 201526  
WEEE-Reg.-Nr. DE 71568000





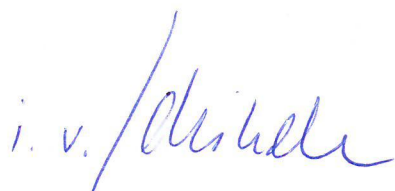
## OSRAM Declaration: Substances in products

- Products delivered by OSRAM into the EU-Market today and in the future satisfy the applicable legal requirements, as well as the applicable product standards (EN/IEC).
- OSRAM installed a system within its company which ensures compliance with the applicable legal requirements. This system includes products, parts and materials procured from suppliers.
- According to Directive 2011/65/EU ("RoHS") OSRAM's products delivered into EU market do not contain the following substances exceeding defined maximum concentration values, unless in an application exempted by Annex of RoHS Directive (incl. amendments).

Substances / application	Maximum concentration values tolerated by weight in homogeneous materials (2011/65/EU – RoHS)
Lead (Pb)	0.1 % (weight)
Mercury (Hg)	0.1 % (weight)
Cadmium (Cd)	0.01 % (weight)
Hexavalent chromium (Cr <sup>6+</sup> )	0.1 % (weight)
Polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE)	0.1 % (weight)

- OSRAM will in cooperation with its suppliers phase out the following new substances added to Annex II of the RoHS Directive (2015/863/EU) in time before the restrictions take effect on July 22<sup>nd</sup> 2019: Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) und Diisobutyl phthalate (DIBP).

Munich, January 20<sup>th</sup>, 2017



**Ute Schindhelm**  
Vice President  
Quality Management



**Dr. Dirk Toeppen**  
Senior Director  
Environment, Health & Safety

OSRAM GmbH  
Environment, Health and Safety  
Briefadresse: 80920 München  
Hausadresse: Marcel-Breuer-Straße 6  
80807 München

**OSRAM**

