

EC-Declaration of Conformity



Document number: 2014 ZCI 3008725 000 01 1/3
Manufacturer or representative: OSRAM GmbH
Address: Marcel-Breuer-Str. 6;
D-80807 München
Germany
Brand name or trade mark: OSRAM
Product type: LED module
Product designation: LS_LF05A2 Family
 See attached list

The designated product(s) is (are) in conformity with the provisions of the following European Directives.

- 2006/95/EC** and amendments **Directive of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits**
- 2004/108/EC** and amendments **Directive of the European Parliament and of the Council of 15 September 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility**
- 2009/125/EC** and amendments **Directive of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products**
- 244/2009** and amendments **Commission Regulation (EC) implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for non-directional household lamps**
- 245/2009** and amendments **Commission Regulation (EC) implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for fluorescent lamps without integrated ballast, for high intensity discharge lamps, and for ballasts and luminaires able to operate such lamps, and repealing Directive 2000/55/EC of the European Parliament and of the Council**
- 1194/2012** and amendments **Commission regulation (EU) No 1194/2012 of 12 December 2012 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment**
- 2011/65/EU** and amendments **Directive of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment**

Further information regarding compliance with these Directives is given in the **annex** which constitutes a part of this declaration.

Last two digits of the year in which the CE marking was affixed: 14

Place and date of signatures: Garching, 31.03.2014

Signatures:		Signature on file
	Quality Management	Quality Management Q LAB
Names:	Richard Koeppel Parkring 33 D-85748 Garching Germany	Bernhard Schemmel Parkring 33 D-85748 Garching Germany

This declaration of conformity is issued under the sole responsibility of the manufacturer. It certifies compliance with the indicated Directives, but implies no warranty of properties.

EC-Declaration of Conformity Annex

Document number: 2014 ZCI 3008725 000 01

The conformity of the designated product(s) with the provisions of the European Directive **2006/95/EC** is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- EN 62031:**
2008 + A1:2013 LED modules for general lighting — Safety specifications
 - EN 62471:**
2008 Photobiological safety of lamps and lamp systems
 - EN 62493:**
2010 Assessment of lighting equipment related to human exposure to electromagnetic fields
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The conformity of the designated product(s) with the provisions of the European Directive **2004/108/EC** is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- EN 55015:**
2006 + A1:2007
+ A2:2009 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
 - EN 61547:**
2009 Equipment for general lighting purposes — EMC immunity requirements
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EC-Declaration of Conformity Attached list

Document number: 2014 ZCI 3008725 000 01

Test report ZRD 3008634 CE Test Report LF05A2

Test Report ZPR 2969601 000 01 Q2-EHS-Checklist-10478962-LS_MONOCHROME

Test Report ZRD 3021387 000 00 PHOTO-TR_LF05A2-XX

Family code 10478962

List of products:

- 1) LF05A2-R3
- 2) LF05A2-O3
- 3) LF05A2-Y3
- 4) LF05A2-T3
- 5) LF05A2-B3