

EC-Declaration of Conformity



Document number: ZCI-3054178-DOC-00
Manufacturer or representative: OSRAM GmbH
Address: Marcel-Breuer-Str. 6
80807 München
Germany

Brand name or trade mark: OSRAM
Product type: Auxiliary Equipment
Product designation: LS/PD AP KIT
☐ See attached list

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

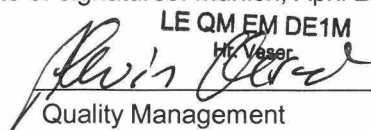
- | | | |
|-------------------------------------|--------------------------------------|--|
| ☒ | 2006/95/EC
and amendments | Directive of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use 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 |

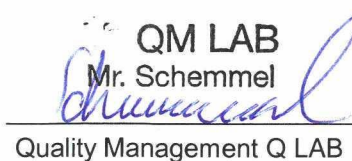
Further information regarding compliance with these Directives is given in the **annex** which constitutes a part of this declaration.

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

Place and date of signatures: Munich, April 2014

Signatures:


LE QM EM DE1M
Mr. Vesper
Quality Management


QM LAB
Mr. Schemmel
Quality Management Q LAB

Names:

Alwin Vesper

Bernhard Schemmel

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

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Annex

Document number: ZCI-3054178-DOC-00 20Fehler! Verweisquelle konnte nicht gefunden werden. / ZCI-

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 60155:
1995 + A1:1995 +
A2:2007 | Glow-starters for fluorescent lamps |
| ☐ | EN 60432-1:
2000 + A1:2005 +
A2:2012 | Incandescent lamps — Safety specifications — Part 1: Tungsten filament lamps for domestic and similar general lighting purposes |
| ☐ | EN 60432-2:
2000 + A1:2005 +
A2:2012 | Incandescent lamps — Safety specifications — Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes |
| ☐ | EN 60432-3:
2013 | Incandescent lamps — Safety specifications — Part 3: Tungsten halogen lamps (non-vehicle) |
| ☐ | EN 60598-1:
2008 + A11:2009 | Luminaires — Part 1: General requirements and tests |
| ☐ | EN 60598-2-1:
1989 | Luminaires — Part 2-1: Particular requirements — Fixed general purpose luminaires |
| ☐ | EN 60598-2-2:
2012 | Luminaires — Part 2-2: Particular requirements — Recessed luminaires |
| ☐ | EN 60598-2-3:
2003 + A1:2011 | Luminaires — Part 2-3: Particular requirements — Luminaires for road and street lighting |
| ☐ | EN 60598-2-4:
1997 | Luminaires — Part 2-4: Particular requirements — Portable general purpose luminaires |
| ☐ | EN 60598-2-5:
1998 | Luminaires — Part 2-5: Particular requirements — Floodlights |
| ☐ | EN 60598-2-6:
1994 + A1:1997 | Luminaires — Part 2-6: Particular requirements — Luminaires with built-in transformers for filament lamps |
| ☐ | EN 60598-2-7:
1989 + A2:1996 +
A13:1997 | Luminaires — Part 2-7: Particular requirements — Portable luminaires for garden use |
| ☐ | EN 60598-2-8:
2013 | Luminaires — Part 2-8 : Particular requirements — Handlamps |
| ☐ | EN 60598-2-10:
2003 | Luminaires — Part 2-10: Particular requirements — Portable luminaires for children |
| ☐ | EN 60598-2-12:
2013 | Luminaires — Part 2-12: Particular requirements — Mains socket-outlet mounted nightlights |
| ☐ | EN 60598-2-13:
2006 + A1:2012 | Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires |
| ☐ | EN 60598-2-20:
2010 | Luminaires — Part 2-20: Particular requirements — Lighting chains |
| ☐ | EN 60598-2-22:
1998 + A1:2003 +
A2:2008 | Luminaires — Part 2-22: Particular requirements — Luminaires for emergency lighting |
| ☐ | EN 60968:
2013 | Self-ballasted lamps for general lighting services — Safety requirements |
| ☐ | EN 61195:
1999 + A1:2013 | Double-capped fluorescent lamps — Safety specifications |

☐	EN 61199: 2011 + A1:2013	Single-capped fluorescent lamps — Safety specifications
☒	EN 61347-1: 2008 + A1:2011 + A2:2013	Lamp controlgear — Part 1: General and safety requirements
☐	EN 61347-2-1: 2001 + Corrigendum:2003 + A1:2006 + Corrigendum:2006 Corrigendum:2010	Lamp controlgear — Part 2-1: Particular requirements for starting devices (other than glow starters)
☐	EN 61347-2-2: 2012	Lamp controlgear — Part 2-2: Particular requirements for d. c. or a. c. supplied electronic step-down convertors for filament lamps
☐	EN 61347-2-3: 2011	Lamp controlgear — Part 2-3: Particular requirements for a. c. supplied electronic ballasts for fluorescent lamps
☐	EN 61347-2-7: 2012	Lamp controlgear — Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)
☐	EN 61347-2-8: 2001 + Corrigendum:2003 + A1:2006 + Corrigendum:2010	Lamp controlgear — Part 2-8: Particular requirements for ballasts for fluorescent lamps
☐	EN 61347-2-9: 2013	Lamp controlgear — Part 2-9: Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps)
☐	EN 61347-2-10: 2001 + A1:2009 + Corrigendum:2010	Lamp controlgear — Part 2-10: Particular requirements for electronic invertors and convertors for high-frequency operation of cold start tubular discharge lamps (neon tubes)
☒	EN 61347-2-11: 2001 + Corrigendum:2002 + Corrigendum:2010	Lamp controlgear — Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
☐	EN 61347-2-12: 2005 + A1:2010	Lamp controlgear — Part 2-12: Particular requirements for d. c. or a. c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)
☐	EN 61347-2-13: 2006	Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied electronic controlgear for LED modules
☐	EN 61549: 2003 + A1:2005 + A2:2010 + A3:2012	Miscellaneous lamps
☐	EN 62031: 2008 + A1:2013	LED modules for general lighting — Safety specifications
☐	EN 62034: 2012	Automatic test systems for battery powered emergency escape lighting
☐	EN 62035: 2000 + A1:2003 + A2:2012	Discharge lamps (excluding fluorescent lamps) — Safety specifications
☐	EN 62493: 2010	Assessment of lighting equipment related to human exposure to electromagnetic fields
☐	EN 62532: 2011	Fluorescent induction lamps — Safety specifications
☐	EN 62560: 2012	Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications
☐	EN 62776: XXXX	Double-capped LED lamps for general lighting services — Safety specifications
☐	34D/1064/CDV:	(as far as photobiological safety is concerned) together with 34A/PRESKO(ASZ)101 – Attachment 06 (for LED luminaires) IEC 60598-1 ed 8: Luminaires - Part 1: General requirements and tests
☐	34A/1554/CD:	LED modules for general lighting — Safety specifications (as far as photobiological safety)

- ☐ **IEC 60432-2:** (as far as photobiological safety is concerned) for Self-ballasted LED-lamps, by
A2 :2012 voltage > 50V – Safety specifications
- ☐ **34A/1536/CDV:** (as far as photobiological safety is concerned) for Double capped LED lamps for
general lighting services –Safety specifications
- ☐

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:** Limits and methods of measurement of radio disturbance characteristics of electrical
2013 lighting and similar equipment
- ☐ **EN 61000-3-2:** Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current
2006 + A1:2009 emissions (equipment input current ≤ 16 A per phase)
+ A2:2009
- ☐ **EN 61000-3-3:** Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage
2013 changes, voltage fluctuations and flicker in public low voltage supply systems, for
equipment with rated current ≤ 16 A per phase and not subjected to conditional
connection
- ☐ **EN 61547:** Equipment for general lighting purposes — EMC immunity requirements
2009
- ☐

The conformity of the designated product(s) with the provisions of the European Directive **2009/125/EC** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

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- ☐ **EN 50294:** Measurement method of total input power of ballast-lamp circuits
1998 + A1:2001
+ A2:2003
 - ☐ **EN 62442-1:** Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps -
2011 Method of measurement to determine the total input power of controlgear circuits and
the efficiency of the controlgear
 - ☐
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EC-Declaration of Conformity Attached list

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