

EC-Declaration of Conformity



Document number: 2012/06 79
Manufacturer or representative: OSRAM GmbH
Address: Hellabrunner Straße 1
81543 München
Germany
Brand name or trade mark: OSRAM
Product type: Double-capped fluorescent lamp
Product designation: Fluorescent lamps LUMILUX T2 FM
☒ See attached list

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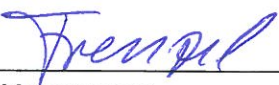
The designated product(s) is (are) in conformity with the provisions of the following European Directives.

- | | | |
|-------------------------------------|--------------------------------------|--|
| ☒ | 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 |
| ☒ | 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: 12

Place and date of signatures: Augsburg, 29.11.2012

Signatures:		
	Quality Management	Quality Assurance
Names:	Mr. Rolf Frenzel	Mr. Vincenzo Minafra

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

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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.

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|-------------------------------------|--|---|
| ☐ | 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:
2003 + A1:2005 +
A2:2008 | 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:
1997+ A1:2000 +
A2:2008 | Luminaires — Part 2-8 : Particular requirements — Handlamps |
| ☐ | EN 60598-2-10:
2003 | Luminaires — Part 2-10: Particular requirements — Portable luminaires for children |
| ☐ | EN 60598-2-13:
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:
1990 + A1:1993 +
A2:1999 | Self-ballasted lamps for general lighting services — Safety requirements |
| ☒ | EN 61195:
1999 | Double-capped fluorescent lamps — Safety specifications |

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|-------------------------------------|---|---|
| ☐ | EN 61199:
2011 | Single-capped fluorescent lamps — Safety specifications |
| ☐ | EN 61347-1:
2008 + A1:2011 | 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:
2001 +
Corrigendum:2003 +
A1:2003 + A2:2006 +
Corrigendum:2010 | 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 | Miscellaneous lamps |
| ☐ | EN 62031:
2008 | LED modules for general lighting — Safety specifications |
| ☐ | EN 62034:
2012 | Automatic test systems for battery powered emergency escape lighting |
| ☐ | EN 62035:
2000 + A1:2003 | 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:
XXXX | 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 |
| ☒ | 34A/1536/CDV | Amendment 1 to IEC 61195: Double-capped fluorescent lamps — 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 lighting and similar equipment
2006 + A1:2007
+ A2:2009
 - ☐ **EN 61000-3-2:** Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
2006 + A1:2009
+ A2:2009
 - ☐ **EN 61000-3-3:** Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage 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
2008
 - ☐ **EN 61547:** Equipment for general lighting purposes — EMC immunity requirements
2009
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LUMILUX T2 FM
6W / 8W / 11W / 13W