

EC-Declaration of Conformity



Document-No.: 05/2009

1/4

Month/Year: March 2009

Manufacturer: OSRAM GmbH

Representative:

Address: Lamp Factory, Berliner Allee 65, 86136 Augsburg

Marking: OSRAM

Model: Fluorescent Lamps

Product designation: Fluorescent Lamps T5 FQ

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

2000/55/EC
and amendments

Directive of the European Parliament and of the Council of 18 September 2000 on energy efficiency requirements for ballasts for fluorescent lighting

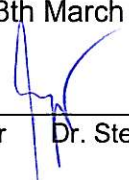
Further information regarding compliance with these Directives is given in the **annex** which constitutes a part of this declaration.


Affixing of the CE-Marking: 2008

A. Steinfeld

Place / Date: Augsburg, 23th March 2009

Signatures:

Plant Manager  Dr. Steeger

 i.v. H. Frenzel
Quality Manager

This declaration 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).

- | | | |
|-------------------------------------|--|---|
| <input type="checkbox"/> | EN 60155:
1995+A1:1995+A2:2007 | Glow-starters for fluorescent lamps |
| <input type="checkbox"/> | EN 60432-1:
2000+A1:2005 | Incandescent lamps – Safety specifications – Part 1: Tungsten filament lamps for domestic and similar general lighting purposes |
| <input type="checkbox"/> | EN 60432-2:
2000+A1:2005 | Incandescent lamps – Safety specifications – Part 2: Tungsten filament lamps for domestic and similar general lighting purposes |
| <input type="checkbox"/> | EN 60432-3:
2003+A1:2005 | Incandescent lamps – Safety specifications – Part 3: Tungsten halogen lamps (non-vehicle) |
| <input type="checkbox"/> | EN 60968:
1990+A1:1993+A2:1999 | Self-ballasted lamps for general lighting services – Safety requirements |
| <input checked="" type="checkbox"/> | EN 61195: 1999 | Double-capped fluorescent lamps – Safety specifications |
| <input type="checkbox"/> | EN 61199: 1999 | Single-capped fluorescent lamps – Safety specifications |
| <input type="checkbox"/> | EN 61549:
2003+A1:2005 | Miscellaneous lamps |
| <input type="checkbox"/> | EN 62035:
2000+A1:2003 | Discharge lamps (excluding fluorescent lamps) – Safety specifications |
| <input checked="" type="checkbox"/> | IEC 62471: 2006-07 | Photobiological safety of lamps and lamp systems |
| <input type="checkbox"/> | EN 60598-1: 2004 | Luminaires – Part 1 : General requirements and tests |
| <input type="checkbox"/> | EN 61347-1: 2001 | Lamp controlgear – Part 1: General and safety requirements |
| <input type="checkbox"/> | EN 61347-2-2:
2001+A1:2006+
A2:2006 | Lamp controlgear – Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps |
| <input type="checkbox"/> | EN 61347-2-3:
2001+A1:2004+
A2:2006 | Lamp controlgear – Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps |
| <input type="checkbox"/> | EN 61347-2-12: 2005 | Lamp controlgear – Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps) |
| <input type="checkbox"/> | EN 61347-2-13: 2007 | Lamp controlgear – Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules |
| <input type="checkbox"/> | | |
| <input type="checkbox"/> | | |

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).

- EN 55015: 2006** Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61000-3-2: 2006** Electromagnetic compatibility (EMC) – Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
- EN 61000-3-3: 1995+A1:2001+A2:2005** 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
- EN 61547: 1995+A1:2000** Equipment for general lighting purposes - EMC immunity requirements
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The conformity of the designated product(s) with the provisions of the European Directive **2000/55/EC** is given by the compliance with the following European Standard(s):

- EN 50294: 1998** Measurement method of total input power of ballast-lamp circuits
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EC-Declaration of Conformity Attached list

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T5 FQ 24W

T5 FQ 39W

T5 FQ 49W

T5 FQ 54W

T5 FQ 80W