

EC-Declaration of Conformity



Document-No.: 24 / 08 / 001

1/5

Month/Year: 09 / 2008

Manufacturer: OSRAM GmbH

Representative:

Address: Nonnendammallee 44 // D - 13 625 Berlin

Product designation: Natriumdampflampen / High pressure Sodium lamps

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: Einzelfaltschachtel / Single folding box

Rundwickel / Corrugated tube

Place / Date: 24.09.2008

Signatures: Wald
Plant Manager

Lege
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).

- EN 60155:** 1995+A1:1995+A2:2007 Glow-starters for fluorescent lamps
- EN 60432-1:** 2000+A1:2005 Incandescent lamps – Safety specifications – Part 1: Tungsten filament lamps for domestic and similar general lighting purposes
- EN 60432-2:** 2000+A1:2005 Incandescent lamps – Safety specifications – Part 2: Tungsten filament lamps for domestic and similar general lighting purposes
- EN 60432-3:** 2003+A1:2005 Incandescent lamps – Safety specifications – Part 3: Tungsten halogen lamps (non-vehicle)
- 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
- EN 61199:** 1999 Single-capped fluorescent lamps – Safety specifications
- EN 61549:** 2003+A1:2005 Miscellaneous lamps
- EN 62035:** 2000+A1:2003 Discharge lamps (excluding fluorescent lamps) – Safety specifications
- IEC 62471:** 2006-07 Photobiological safety of lamps and lamp systems
- EN 60598-1:** 2004 Luminaires – Part 1 : General requirements and tests
- EN 61347-1:** 2001 Lamp controlgear – Part 1: General and safety requirements
- 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
- 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
- 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)
- EN 61347-2-13:** 2007 Lamp controlgear – Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules

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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).

- 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

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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Attached list



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Einseitig gesockelt mit / single capped with : E27

NAV – E 50 W / I

NAV – E 50 W / E

NAV – E 50 W / I 4Y

NAV – E 50 W / E 4Y

NAV – T 50 W

NAV – T 50 W / 4 Y

NAV – T 50 W / Super 4Y

NAV – E 70 W / I

NAV – E 70 W / E

NAV – E 70 W / I 4Y

NAV – E 70 W / E 4Y

NAV – T 70 W

NAV – T 70 W / 4Y

NAV – T 70 W / Super 4Y

NAV – E 110 W

Zweiseitig gesockelt mit / double capped with : Rx7s

NAV – TS 70 W / Super 4Y

NAV – TS 150 W / Super 4Y

Zweiseitig gesockelt mit / double capped with : Fc2

NAV – TS 250 W

NAV – TS 400 W

Einseitig gesockelt mit / single capped with : E40

NAV – E 100 W

NAV – E 100 W / 4 Y

NAV – E 100 W / Super 4Y

NAV – T 100 W
NAV – T 100 W / 4Y
NAV – T 100 W / Super 4Y
NAV – E 150 W
NAV – E 150 W / 4Y
NAV – E 150 W / Super 4Y
NAV – T 150 W
NAV – T 150 W / 4Y
NAV – T 150 W / Super 4Y
NAV – E 210 W
NAV – E 250 W
NAV – E 250 W / 4Y
NAV – E 250 W / Super 4Y
NAV – T 250 W
NAV – T 250 W / 4Y
NAV – T 250 W / Super 4Y
NAV – E 350 W
NAV – E 400 W
NAV – E 400 W / 4Y
NAV – E 400 W / Super 4Y
NAV – T 400 W
NAV – T 400 W / 4Y
NAV – T 400 W / Super 4Y
Plantastar 400
NAV – T 600 W / Super 4Y
Plantastar 600
NAV – E 1000 W
NAV – T 1000 W