

# EC-Declaration of Conformity



Document-No.: 24 / 08 / 002

1/7

Month/Year: 09 / 2008

Manufacturer: OSRAM GmbH

Representative:

Address: Nonnendammallee 44 // D - 13 625 Berlin

Product designation: Halogenmetall dampflampen / Metal halide 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:

  
Plant Manager

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

# EC-Declaration of Conformity

## Annex



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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  $\leq 16$  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  $\leq 16$  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
-

## EC-Declaration of Conformity

### Attached list



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#### Einseitig gesockelt mit / single capped with : GU 6,5

HCI – TF 20 W / 830 WDL PB

#### Einseitig gesockelt mit / single capped with : G8,5

HCI – TC 20 W / 830 WDL PB

HCI – TC 35 W / 830 WDL PB

HCI – TC 35 W / 930 WDL PB Shoplight

HCI – TC 35 W / 942 ND L PB

HCI – TC 70 W / 830 WDL

HCI – TC 70 W / 830 WDL PB

HCI – TC 70 W / 930 WDL PB Shoplight

HCI – TC 70 W / 942 ND L

HCI – TC 70 W / 942 ND L PB

#### Einseitig gesockelt mit / single capped with : G12

HCI – T 35 W / 830 WDL PB

HCI – T 35 W / 930 WDL PB Shoplight

HCI – T 35 W / 942 ND L PB

HQI – T 70 W / WDL

HCI – T 70 W / 830 WDL PB

HCI – T 70 W / 930 WDL PB Shoplight

HQI – T 70 W / ND L

HCI – T 70 W / 942 ND L PB

HCI – T 100 W / 830 WDL PB

HCI – T 100 W / 942 ND L PB

HQI – T 150 W / WDL

HCI – T 150 W / 830 WDL PB

HQI – T 150 W / ND L

HCI – T 150 W / 942 ND L PB

#### Einseitig gesockelt mit / single capped with : G22

HCI – TM 250 W / 830 WDL PB

HCI – TM 250 W / 942 NDL PB

HCI – TM 400 W / 942 NDL PB

Zweiseitig gesockelt mit / double capped with : RX7s

HQI – TS 70 W / WDL

HCI – TS 70 W / 830 WDL PB

HQI – TS 70 W / NDL

HCI – TS 70 W / 942 NDL PB

HQI – TS 70 W / D

Zweiseitig gesockelt mit / double capped with : RX7s-24

HQI – TS 150 W / WDL

HCI – TS 150 W / 830 WDL PB

HQI – TS 150 W / NDL

HCI – TS 150 W / 942 NDL PB

HQI – TS 150 W / D

HCI – TS 250 W / 830 WDL PB

Zweiseitig gesockelt mit / double capped with : Fc2

HQI – TS 250 W / WDL

HQI – TS 250 W / NDL

HQI – TS 250 W / D

HQI – TS 400 W / NDL

HQI – TS 400 W / D

Einseitig gesockelt mit Reflektor / single capped with reflector

HQI – R 150 W / NDL / FO

Einseitig gesockelt mit / single capped with : E27

HCI – E/P 35 W / 830 WDL PB clear

HCI – E/P 35 W / 830 WDL PB coated

HCI – E/P 35 W / 942 NDL PB clear

HCI – E/P 35 W / 942 NDL PB coated  
HQL – E 70W / WDL clear  
HQL – E 70W / WDL coated  
HQL – E 70 W / NDL clear  
HQL – E 70 W / NDL coated  
HCI – E/P 70W / 830 WDL PB clear  
HCI – E/P 70 W / 830 WDL PB coated  
HCI – E/P 70 W / 942 NDL PB clear  
HCI – E/P 70 W / 942 NDL PB coated  
HCI – T/P 70W / 830 WDL PB clear  
HCI – T/P 70 W / 830 WDL PB coated  
HCI – T/P 70 W / 942 NDL PB clear  
HCI – T/P 70 W / 942 NDL PB coated  
HCI – TT 70 W / 830 WDL PB  
HQL – E 100 W / WDL clear  
HQL – E 100 W / WDL coated  
HQL – E 100 W / NDL clear  
HQL – E 100 W / NDL coated  
HCI – E/P 100 W / 830 WDL PB clear  
HCI – E/P 100 W / 830 WDL PB coated  
HCI – E/P 100 W / 942 NDL PB clear  
HCI – E/P 100 W / 942 NDL PB coated  
HCI – T/P 100 W / 830 WDL PB clear  
HCI – T/P 100 W / 830 WDL PB coated  
HCI – T/P 100 W / 942 NDL PB clear  
HCI – T/P 100 W / 942 NDL PB coated  
HQL – E 150 W / WDL clear  
HQL – E 150 W / WDL coated  
HQL – E 150 W / NDL clear  
HQL – E 150 W / NDL coated  
HCI – E/P 150 W / 830 WDL PB clear  
HCI – E/P 150 W / 830 WDL PB coated  
HCI – E/P 150 W / 942 NDL PB clear  
HCI – E/P 150 W / 942 NDL PB coated  
HCI – T/P 150 W / 830 WDL PB clear  
HCI – T/P 150 W / 830 WDL PB coated  
HCI – T/P 150 W / 942 NDL PB clear  
HCI – T/P 150 W / 942 NDL PB coated

Einseitig gesockelt mit / single capped with : E40

HCI – TT 150 W / 830 WDL PB

HQI – E 250 W / D

HQI – E/P 250 W / D

HCI – T 250 W / 830 WDL PB

HQI – E 400 W / D

HQI – E/P 400 W / D

HQI – E 400 W / N clear

HQI – E 400 W / N coated