

# EC-Declaration of Conformity



Document number: 2010/25 10  
Manufacturer or representative: OSRAM GmbH  
Address: Berliner Allee 65, 86153 Augsburg  
Brand name or trade mark: OSRAM  
Product type: Single-capped fluorescent lamp  
Product designation: OSRAM DULUX DE for ECG  
 See attached list

1/4

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**



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: 09

Place and date of signatures: 14.07.2010

Signatures:

Plant Manager  Product Manager

Quality Manager

Names and contact addresses:

Dr. Olaf Hansen  
OSRAM GmbH Augsburg

Rolf Frenzel  
OSRAM GmbH Augsburg

This declaration certifies compliance with the indicated Directives, but implies no warranty of properties.

# EC-Declaration of Conformity

## Annex

Document number: 2010/25 10

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). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- |                                     |  |   |
|-------------------------------------|--|---|
| <input type="checkbox"/>            | <b>EN 60155:</b><br>1995 + A1:1995 +<br>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 +<br>A2:2008    | Incandescent lamps — Safety specifications — Part 3: Tungsten halogen lamps (non-vehicle)   |
| <input type="checkbox"/>            | <b>EN 60598-1:</b><br>2008 + A11:2009                | Luminaires — Part 1: General requirements and tests   |
| <input type="checkbox"/>            | <b>EN 60598-2-1:</b><br>1989                         | Luminaires — Part 2-1: Particular requirements — Fixed general purpose luminaires   |
| <input type="checkbox"/>            | <b>EN 60598-2-2:</b><br>1996 + A1:1997               | Luminaires — Part 2-2: Particular requirements — Recessed luminaires  |
| <input type="checkbox"/>            | <b>EN 60598-2-4:</b><br>1997                         | Luminaires — Part 2-4: Particular requirements — Portable general purpose luminaires  |
| <input type="checkbox"/>            | <b>EN 60598-2-5:</b><br>1998                         | Luminaires — Part 2-5: Particular requirements — Floodlights  |
| <input type="checkbox"/>            | <b>EN 60598-2-6:</b><br>1994 + A1:1997               | Luminaires — Part 2-6: Particular requirements — Luminaires with built-in transformers for filament lamps                           |
| <input type="checkbox"/>            | <b>EN 60598-2-7:</b><br>1989 + A2:1996 +<br>A13:1997 | Luminaires — Part 2-7: Particular requirements — Portable luminaires for garden use   |
| <input type="checkbox"/>            | <b>EN 60598-2-8:</b><br>1997+ A1:2000 +<br>A2:2008   | Luminaires — Part 2-8 : Particular requirements — Handlamps   |
| <input type="checkbox"/>            | <b>EN 60598-2-10:</b><br>2003                        | Luminaires — Part 2-10: Particular requirements — Portable luminaires for children  |
| <input type="checkbox"/>            | <b>EN 60598-2-13:</b><br>2006                        | Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires  |
| <input type="checkbox"/>            | <b>EN 60598-2-20:</b><br>2010                        | Luminaires — Part 2: Particular requirements — Lighting chains  |
| <input type="checkbox"/>            | <b>EN 60968:</b><br>1990 + A1:1993 +<br>A2:1999      | Self-ballasted lamps for general lighting services — Safety requirements  |
| <input type="checkbox"/>            | <b>EN 61195:</b><br>1999                             | Double-capped fluorescent lamps — Safety specifications   |
| <input checked="" type="checkbox"/> | <b>EN 61199:</b><br>1999                             | Single-capped fluorescent lamps — Safety specifications   |
| <input type="checkbox"/>            | <b>EN 61347-1:</b><br>2008                           | 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><br>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><br>2007                     | Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied electronic controlgear for LED modules                                |
| <input type="checkbox"/>            | <b>EN 61549:</b><br>2003 + A1:2005                | Miscellaneous lamps   |
| <input type="checkbox"/>            | <b>EN 62031:</b><br>2008                          | LED modules for general lighting — Safety specifications  |
| <input type="checkbox"/>            | <b>EN 62035:</b><br>2000 + A1:2003                | Discharge lamps (excluding fluorescent lamps) — Safety specifications   |
| <input checked="" type="checkbox"/> | <b>EN 62471:</b><br>2008                          | Photobiological safety of lamps and lamp systems  |
| <input checked="" type="checkbox"/> | <b>IEC/TR 62471-2:</b><br>2009                    | Photobiological safety of lamps and lamp systems — Part 2: Guidance on manufacturing requirements relating to non-laser optical radiation safety        |
| <input type="checkbox"/>            | <b>EN 62560:</b><br>XXXX                          | Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications  |
| <input type="checkbox"/>            |   |   |
| <input type="checkbox"/>            |   |   |

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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). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

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|-------------------------------------|---|--|
| <input checked="" type="checkbox"/> | <b>EN 55015:</b><br>2006 + A1:2007<br>+ A2:2009 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment  |
| <input type="checkbox"/>            | <b>EN 61000-3-2:</b><br>2006                    | Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)  |
| <input type="checkbox"/>            | <b>EN 61000-3-3:</b><br>2008                    | 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 |
| <input type="checkbox"/>            | <b>EN 61547:</b><br>1995 + A1:2000              | Equipment for general lighting purposes — EMC immunity requirements  |
| <input type="checkbox"/>            |   |  |
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## **EC-Declaration of Conformity Attached list**

Document number: 2010/25 10

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DULUX D/E 10 W/827  
DULUX D/E 10 W/830  
DULUX D/E 10 W/835  
DULUX D/E 10 W/840  
DULUX D/E 13 W/827  
DULUX D/E 13 W/830  
DULUX D/E 13 W/835  
DULUX D/E 13 W/840  
DULUX D/E 18 W/827  
DULUX D/E 18 W/830  
DULUX D/E 18 W/835  
DULUX D/E 18 W/840  
DULUX D/E 18 W/865  
DULUX D/E 26 W/827  
DULUX D/E 26 W/830  
DULUX D/E 26 W/835  
DULUX D/E 26 W/840  
DULUX D/E 26 W/865