

# EC-Declaration of Conformity



Document number: 2012/01 79  
Manufacturer or representative: OSRAM GmbH  
Address: Hellabrunner Straße 1  
81543 München  
Germany  
Brand name or trade mark: OSRAM  
Product type: Single-capped fluorescent lamp  
Product designation: OSRAM DULUX S  
☒ See attached list

1/5

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

- |                                     |                                      |   |
|-------------------------------------|--------------------------------------|---|
| <input checked="" type="checkbox"/> | <b>2006/95/EC</b><br>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   |
| <input checked="" type="checkbox"/> | <b>2004/108/EC</b><br>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  |
| <input checked="" type="checkbox"/> | <b>2009/125/EC</b><br>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   |
| <input type="checkbox"/>            | <b>244/2009</b><br>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  |
| <input checked="" type="checkbox"/> | <b>245/2009</b><br>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 |
| <input checked="" type="checkbox"/> | <b>2011/65/EU</b><br>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   |
| <input type="checkbox"/>            |                                      |   |

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.

# EC-Declaration of Conformity

## Annex

Document number: 2012/01 79

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.

- |                          |  |   |
|--------------------------|--|---|
| <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 +<br>A2:2012    | 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 +<br>A2:2012    | Incandescent lamps — Safety specifications — Part 2: Tungsten halogen 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>2012                         | Luminaires — Part 2-2: Particular requirements — Recessed luminaires  |
| <input type="checkbox"/> | <b>EN 60598-2-3:</b><br>2003 + A1:2011               | Luminaires — Part 2-3: Particular requirements — Luminaires for road and street lighting  |
| <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 + A1:2012              | Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires  |
| <input type="checkbox"/> | <b>EN 60598-2-20:</b><br>2010                        | Luminaires — Part 2-20: Particular requirements — Lighting chains   |
| <input type="checkbox"/> | <b>EN 60598-2-22:</b><br>1998 + A1:2003 +<br>A2:2008 | Luminaires — Part 2-22: Particular requirements — Luminaires for emergency lighting   |
| <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> 2011	Single-capped fluorescent lamps — Safety specifications
<input type="checkbox"/>	<b>EN 61347-1:</b> 2008 + A1:2011	Lamp controlgear — Part 1: General and safety requirements
<input type="checkbox"/>	<b>EN 61347-2-1:</b> 2001 + Corrigendum:2003 + A1:2006 + Corrigendum:2006 Corrigendum:2010	Lamp controlgear — Part 2-1: Particular requirements for starting devices (other than glow starters)
<input type="checkbox"/>	<b>EN 61347-2-2:</b> 2012	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> 2011	Lamp controlgear — Part 2-3: Particular requirements for a. c. supplied electronic ballasts for fluorescent lamps
<input type="checkbox"/>	<b>EN 61347-2-7:</b> 2012	Lamp controlgear — Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)
<input type="checkbox"/>	<b>EN 61347-2-8:</b> 2001 + Corrigendum:2003 + A1:2006 + Corrigendum:2010	Lamp controlgear — Part 2-8: Particular requirements for ballasts for fluorescent lamps
<input type="checkbox"/>	<b>EN 61347-2-9:</b> 2001 + Corrigendum:2003 + A1:2003 + A2:2006 + Corrigendum:2010	Lamp controlgear — Part 2-9: Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps)
<input type="checkbox"/>	<b>EN 61347-2-10:</b> 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)
<input type="checkbox"/>	<b>EN 61347-2-11:</b> 2001 + Corrigendum:2002 + Corrigendum:2010	Lamp controlgear — Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
<input type="checkbox"/>	<b>EN 61347-2-12:</b> 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)
<input type="checkbox"/>	<b>EN 61347-2-13:</b> 2006	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> 2003 + A1:2005 + A2:2010	Miscellaneous lamps
<input type="checkbox"/>	<b>EN 62031:</b> 2008	LED modules for general lighting — Safety specifications
<input type="checkbox"/>	<b>EN 62034:</b> 2012	Automatic test systems for battery powered emergency escape lighting
<input type="checkbox"/>	<b>EN 62035:</b> 2000 + A1:2003	Discharge lamps (excluding fluorescent lamps) — Safety specifications
<input type="checkbox"/>	<b>EN 62493:</b> 2010	Assessment of lighting equipment related to human exposure to electromagnetic fields
<input type="checkbox"/>	<b>EN 62532:</b> 2011	Fluorescent induction lamps — Safety specifications
<input type="checkbox"/>	<b>EN 62560:</b> XXXX	Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications
<input type="checkbox"/>	<b>EN 62776:</b> XXXX	Double-capped LED lamps for general lighting services — Safety specifications
<input checked="" type="checkbox"/>	<b>34A/1538/CDV</b>	Amendment 1 to IEC 61199: Single-capped fluorescent lamps — Safety specifications
<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) 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  $\leq 16$  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  $\leq 16$  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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## EC-Declaration of Conformity Attached list

Document number: 2012/01 79

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OSRAM DULUX S  
5W / 7W / 9W / 11W

OSRAM DULUX S/E  
5W / 7W / 9W / 11W

