

# EC-Declaration of Conformity



Document number: 2013 / ZCI-2987462-DOC-00  
Manufacturer or representative: OSRAM GmbH  
Address: Marcel-Breuer-Str. 6  
80807 München  
Germany  
  
Brand name or trade mark: OSRAM  
Product type: Controlgear  
Product designation: OT 50/220-240/24 P  
☐ See attached list

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  | <b>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</b>   |
| <input checked="" type="checkbox"/> | <b>2004/108/EC</b><br>and amendments | <b>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</b>  |
| <input type="checkbox"/>            | <b>2009/125/EC</b><br>and amendments | <b>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</b>   |
| <input type="checkbox"/>            | <b>244/2009</b><br>and amendments    | <b>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</b>  |
| <input type="checkbox"/>            | <b>245/2009</b><br>and amendments    | <b>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</b> |
| <input type="checkbox"/>            | <b>1194/2012</b><br>and amendments   | <b>Commission Regulation (EU) No 1194/2012 of 12 December 2012 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment</b>  |
| <input checked="" type="checkbox"/> | <b>2011/65/EU</b><br>and amendments  | <b>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</b>   |
| <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: 13

Place and date of signatures: 13.09.2013

Signatures: Signed G. Casper

Quality Management

LAB Manager

Names: Günther Casper

Bernhard Schemmel

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

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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) 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>2013                           | 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>2013                         | 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 60598-2-12:</b><br>2013                        | Luminaires — Part 2-12: Particular requirements — Mains socket-outlet mounted nightlights                                       |
| <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>2013                             | Self-ballasted lamps for general lighting services — Safety requirements  |
| <input type="checkbox"/> | <b>EN 61195:</b><br>1999 + A1:2013                   | Double-capped fluorescent lamps — Safety specifications   |

<input type="checkbox"/>	<b>EN 61199:</b> 2011 + A1:2013	Single-capped fluorescent lamps — Safety specifications
<input checked="" type="checkbox"/>	<b>EN 61347-1:</b> 2008 + A1:2011 + A2:2013	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> 2013	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 checked="" 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 + A3:2012	Miscellaneous lamps
<input type="checkbox"/>	<b>EN 62031:</b> 2008 + A1:2013	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 + A2:2012	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> 2012	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 type="checkbox"/>	<b>34D/1064/CDV:</b>	(as far as photobiological safety is concerned) together with 34A/PRESO(ASZ)101 – Attachment 06 (for LED luminaires) IEC 60598-1 ed 8: Luminaires - Part 1: General requirements and tests

- |                          |                                 |  |
|--------------------------|---------------------------------|--|
| <input type="checkbox"/> | <b>34A/1554/CD:</b>             | LED modules for general lighting — Safety specifications (as far as photobiological safety)                                      |
| <input type="checkbox"/> | <b>IEC 60432-2:</b><br>A2 :2012 | (as far as photobiological safety is concerned) for Self-ballasted LED-lamps, by voltage > 50V – Safety specifications           |
| <input type="checkbox"/> | <b>34A/1536/CDV:</b>            | (as far as photobiological safety is concerned) for Double capped LED lamps for general lighting services –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) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- |                                     |   |  |
|-------------------------------------|---|--|
| <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 checked="" type="checkbox"/> | <b>EN 61000-3-2:</b><br>2006 + A1:2009<br>+ A2:2009 | Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)  |
| <input checked="" 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 checked="" type="checkbox"/> | <b>EN 61547:</b><br>2009                            | Equipment for general lighting purposes — EMC immunity requirements  |
| <input type="checkbox"/>            |   |  |
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## **EC-Declaration of Conformity**

### **Attached list**

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