

# EC-Declaration of Conformity



Document number: ZCI 2661975 03  
Manufacturer or representative: OSRAM GmbH  
Address: Marcel-Breuer-Str. 6  
80807 München  
Germany  
Brand name or trade mark: OSRAM  
Product type: as specified below  
Product designation: DALI Professional  
 See attached list

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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**
- 1194/2012** and amendments **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**
- 2011/65/EU** 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**
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Further information regarding compliance with these Directives is given in the **annex** which constitutes a part of this declaration.

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Last two digits of the year in which the CE marking was affixed: 13

Place and date of signatures: Munich, 12.06.2013

Signatures: **LE QM EM DE 1M**  
*Alwin Vesper*  
Hr. Vesper  
Quality Manager

**LE QM LAB**  
*Bernhard Schemmel*  
Mr. Schemmel  
LAB Manager

Names: Alwin Vesper

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>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>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><br>2011 + A1:2013                   | Single-capped fluorescent lamps — Safety specifications   |

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- |                          |  |   |
|--------------------------|--|---|
| <input type="checkbox"/> | <b>EN 61347-1:</b><br>2008 + A1:2011 +<br>A2:2013  | Lamp controlgear — Part 1: General and safety requirements  |
| <input type="checkbox"/> | <b>EN 61347-2-1.</b><br><b>2001 +</b><br>Corrigendum:2003 +<br>A1:2006 +<br>Corrigendum:2006<br>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><br>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><br>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><br>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><br>2001 +<br>Corrigendum:2003 +<br>A1:2006 +<br>Corrigendum:2010                            | Lamp controlgear — Part 2-8: Particular requirements for ballasts for fluorescent lamps   |
| <input type="checkbox"/> | <b>EN 61347-2-9:</b><br>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><br>2001 + A1:2009 +<br>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><br>2001 +<br>Corrigendum:2002 +<br>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><br>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><br>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><br>2003 + A1:2005 +<br>A2:2010 + A3:2012  | Miscellaneous lamps   |
| <input type="checkbox"/> | <b>EN 62031:</b><br>2008 + A1:2013   | LED modules for general lighting — Safety specifications  |
| <input type="checkbox"/> | <b>EN 62034:</b><br>2012   | Automatic test systems for battery powered emergency escape lighting  |
| <input type="checkbox"/> | <b>EN 62035:</b><br>2000 + A1:2003 +<br>A2:2012  | Discharge lamps (excluding fluorescent lamps) — Safety specifications   |
| <input type="checkbox"/> | <b>EN 62493:</b><br>2010   | Assessment of lighting equipment related to human exposure to electromagnetic fields  |
| <input type="checkbox"/> | <b>EN 62532:</b><br>2011   | Fluorescent induction lamps — Safety specifications   |
| <input type="checkbox"/> | <b>EN 62560:</b><br>2012   | Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications  |

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- |                                     |                          |   |
|-------------------------------------|--------------------------|---|
| <input type="checkbox"/>            | <b>EN 62776:</b><br>XXXX | Double-capped LED lamps for general lighting services — Safety specifications |
| <input checked="" 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.

- |                                     |   |   |
|-------------------------------------|---|---|
| <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 $\leq 16$ 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 $\leq 16$ 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 checked="" type="checkbox"/> | <b>EN 55022:</b> 2006<br>+ A1:2007                  | Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement  |
| <input checked="" type="checkbox"/> | <b>EN 55024:</b> 2010                               | Information technology equipment - Immunity characteristics – Limits and methods Of measurement   |

The conformity of the designated product(s) with the provisions of the European Directive **2009/125/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 50294:</b><br>1998 + A1:2001<br>+ A2:2003 | Measurement method of total input power of ballast-lamp circuits  |
| <input type="checkbox"/> | <b>EN 62442-1:</b><br>2011                      | Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear |

## EC-Declaration of Conformity Attached list

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DALI PRO CON-4	Control unit 4 DALI outputs
DALI PRO CON-4 RTC	Control unit 4 DALI outputs Real Time Clock
DALI PROF PUSHB COUP	push button coupler
DALI PRO Sensorcouper LS/PD	DALI sensor coupler for light/movement detection
DALI LS/PD LI	DALI sensor for light/movement detection
DALI GATEWAY/24 E:BUS	DALI to e:bus gateway
DALI PRO Touch Panel	5,7" Touch Panel for Professional System
DALI HIGHBAY Adapter	DALI Adapter for light/movement detection
Concrete box 5,7"	Mounting box concrete walls
Hollow box 5,7"	Mounting box hollow wall

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