

EC-Declaration of Conformity



Document number: 2012/ 20 LMS 1/5
Manufacturer or representative: OSRAM AG
Address: Hellabrunner Straße 1
81543 München
Germany
Brand name or trade mark: OSRAM
Product type: Mains Dimmer
Product designation: HTi DALI 315 DIM
 See attached list

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

- 2006/95/EC** 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 and amendments designed for use within certain voltage limits
- 2004/108/EC** 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** 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** 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** 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
- 2011/65/EU** 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 and amendments
- 1999/5/EC** Directive of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity

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: München, 07.08.2012

Signatures: Sgd. Günther Casper

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This declaration of conformity is issued under the sole responsibility of the manufacturer. It 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). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- EN 60669-2-1:** Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches (IEC 60669-2-1:2002, modified) / Corrected and reprinted in 2007-12
2004+A1:2009
- EN 61347-1:** Lamp controlgear — Part 1: General and safety requirements
2008 + A1:2011
- EN 61347-2-1. 2001 +** Lamp controlgear — Part 2-1: Particular requirements for starting devices (other than glow starters)
Corrigendum:2003 +
A1:2006 +
Corrigendum:2006
Corrigendum:2010
- EN 61347-2-2:** Lamp controlgear — Part 2-2: Particular requirements for d. c. or a. c. supplied electronic step-down convertors for filament lamps
2012
- EN 61347-2-3:** Lamp controlgear — Part 2-3: Particular requirements for a. c. supplied electronic ballasts for fluorescent lamps
2011
- EN 61347-2-7:** Lamp controlgear — Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)
2012
- EN 61347-2-8:** Lamp controlgear — Part 2-8: Particular requirements for ballasts for fluorescent lamps
2001 +
Corrigendum:2003 +
A1:2006 +
Corrigendum:2010
- EN 61347-2-9:** Lamp controlgear — Part 2-9: Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps)
2001 +
Corrigendum:2003 +
A1:2003 + A2:2006 +
Corrigendum:2010
- EN 61347-2-10:** Lamp controlgear — Part 2-10: Particular requirements for electronic invertors and convertors for high-frequency operation of cold start tubular discharge lamps (neon tubes)
2001 + A1:2009 +
Corrigendum:2010
- EN 61347-2-11:** Lamp controlgear — Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
2001 +
Corrigendum:2002 +
Corrigendum:2010
- EN 61347-2-12:** Lamp controlgear — Part 2-12: Particular requirements for d. c. or a. c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)
2005 + A1:2010
- EN 61347-2-13:** Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied electronic controlgear for LED modules
2006
- EN 61549:** Miscellaneous lamps
2003 + A1:2005 +
A2:2010
- EN 62031:** LED modules for general lighting — Safety specifications
2008
- EN 62034:** Automatic test systems for battery powered emergency escape lighting
2006
- EN 62035:** Discharge lamps (excluding fluorescent lamps) — Safety specifications
2000 + A1:2003
- EN 62471:** Photobiological safety of lamps and lamp systems
2008

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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.

- EN 55015:** 2006 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
+A1:2007+
A2:2009
- EN 55022:** 2006 Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
+A1:2007
- EN 55024:** Information technology equipment - Immunity characteristics - Limits and methods of measurement
1998*A1:2001+A
2:2003
- EN 61000-3-2:** Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 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 ≤ 16 A per phase and not subjected to conditional connection
2008
- EN 61547:** Equipment for general lighting purposes — EMC immunity requirements
2009 +
Corr.:2010

The conformity of the designated product(s) with the provisions of the European Directive **1999/5/EC** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- ETSI EN 300 220-1 V2.1.1:** Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods
- ETSI EN 300 220-2 V2.1.2:** Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
- ETSI EN 301 489-1 V1.8.1** Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
- ETSI EN 301 489-3 V1.4.1** Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz

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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.

- EN 50294:** Measurement method of total input power of ballast-lamp circuits
1998 + A1:2001
+ A2:2003
 - EN 62442-1:** Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps -
2011 Method of measurement to determine the total input power of controlgear circuits and
the efficiency of the controlgear
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Attached list

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HTi DALI 315 DIM

DALI controlled phase cut dimmer