

Document number:	2019 / 9C1-3589652-EN-00
Manufacturer or representative:	LEDVANCE GmbH
Address:	Parkring 29-33 85748 Garching Germany
Brand name or trade mark:	OSRAM
Product type:	Self-ballasted LED lamp
Product designation:	LED SPECIAL T SLIM
	See attached list

The designated product(s) is (are) in conformity with the relevant Union harmonisation legislation:

	2014/35/EU and amendments	Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits; Official Journal of the EU L96, 29/03/2014, p. 357-374)
	2014/30/EU and amendments	Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility; Official Journal of the EU L96, 29/03/2014, p. 79-106
	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
\boxtimes	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; Official Journal of the EU L174, 1/07/2011, p. 88-110
	2014/53EU and amendments	Directive of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC (applicable from 2016-06-13) Official Journal of the 2015/ C226/ 07

Last two digits of the year in which the CE marking was affixed: 19

Place and date of signatures: 06-Jun-2019

Quality Management

Quality Assurance

Names:

Signatures:

Scheyer, Yannick

Shufen Chen

Customer service contact: LEDVANCE GmbH, Steinerne Furt 62, 86167 Augsburg, Deutschland

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.

#2019-08-09 #

#RL-Released

9C1 3589652-EN-00

EU Declaration of Conformity Annex

Document number: 2019 / 9C1-3589652-EN-00

The conformity of the designated product(s) with the provisions of the European **Low Voltage Directive**, 2014/35/EU, 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.

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	EN 60155: 1995 + A1:1995 + A2:2007	Glow-starters for fluorescent lamps
	EN 60432-1: 2000 + A1:2005 + A2:2012	Incandescent lamps — Safety specifications — Part 1: Tungsten filament lamps for domestic and similar general lighting purposes
	EN 60432-2: 2000 + A1:2005 + A2:2012	Incandescent lamps — Safety specifications — Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes
	EN 60432-3: 2013	Incandescent lamps — Safety specifications — Part 3: Tungsten halogen lamps (non-vehicle)
	EN 60598-1: 2015 + A1:2018	Luminaires — Part 1: General requirements and tests
	EN 60598-2-1: 1989	Luminaires — Part 2-1: Particular requirements — Fixed general purpose luminaires
	EN 60598-2-2: 2012	Luminaires — Part 2-2: Particular requirements — Recessed luminaires
	EN 60598-2-3: 2003 + A1:2011	Luminaires — Part 2-3: Particular requirements — Luminaires for road and street lighting
	EN 60598-2-4: 1997	Luminaires — Part 2-4: Particular requirements — Portable general purpose luminaires
	EN 60598-2-5: 2015	Luminaires — Part 2-5: Particular requirements — Floodlights
	EN 60598-2-6: 1994 + A1:1997	Luminaires — Part 2-6: Particular requirements — Luminaires with built-in transformers for filament lamps
	EN 60598-2-7: 1989 + A2:1996 + A13:1997	Luminaires — Part 2-7: Particular requirements — Portable luminaires for garden use
	EN 60598-2-8: 2013	Luminaires — Part 2-8 : Particular requirements — Handlamps
	EN 60598-2-10: 2003	Luminaires — Part 2-10: Particular requirements — Portable luminaires for children
	EN 60598-2-12: 2013	Luminaires — Part 2-12: Particular requirements — Mains socket-outlet mounted nightlights
	EN 60598-2-13: 2006 + A1 2012	Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires
	EN 60598-2-20: 2015	Luminaires — Part 2-20: Particular requirements — Lighting chains
	EN 60598-2-21: 2015	Luminaires — Part 2-21: Particular requirements — Rope lights
	EN 60598-2-22: 2014	Luminaires — Part 2-22: Particular requirements — Luminaires for emergency lighting
	EN 60950-1: 2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013	Information technology equipment – Safety – Part 1: General requirements
	EN 60968: 2015	Self-ballasted lamps for general lighting services — Safety requirements
	EN 61195: 1999 + A1:2013 + A2:2015	Double-capped fluorescent lamps — Safety specifications

Document number: 2019 / 9C1-3589652-EN-00

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	EN 61199: 2011 + A1:2013 + A2:2015	Single-capped fluorescent lamps — Safety specifications
	EN 61347-1: 2015	Lamp controlgear — Part 1: General and safety requirements
	EN 61347-2-1: 2001 + A1:2006 + A2:2014	Lamp controlgear — Part 2-1: Particular requirements for starting devices (other than glow starters)
	EN 61347-2-2: 2012	Lamp controlgear — Part 2-2: Particular requirements for d. c. or a. c. supplied electronic step-down convertors for filament lamps
	EN 61347-2-3: 2011	Lamp controlgear — Part 2-3: Particular requirements for a. c. and/or d. c. supplied electronic ballasts for fluorescent lamps
	EN 61347-2-7: 2012	Lamp controlgear — Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)
	EN 61347-2-8: 2001 + A1:2006	Lamp controlgear — Part 2-8: Particular requirements for ballasts for fluorescent lamps
	EN 61347-2-9: 2013	Lamp controlgear — Part 2-9: Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps)
	EN 61347-2-10: 2001 + A1:2009	Lamp controlgear — Part 2-10: Particular requirements for electronic invertors and convertors for high-frequency operation of cold start tubular discharge lamps (neon tubes)
	EN 61347-2-11: 2001	Lamp controlgear — Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
	EN 61347-2-12: 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)
	EN 61347-2-13: 2014	Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied electronic controlgear for LED modules
	EN 61549: 2003 + A1:2005 + A2:2010 + A3:2012	Miscellaneous lamps
	EN 62031: 2008 + A1:2013 + A2:2015	LED modules for general lighting — Safety specifications
	EN 62034: 2012	Automatic test systems for battery powered emergency escape lighting
	EN 62035: 2014	Discharge lamps (excluding fluorescent lamps) — Safety specifications
	EN 62368-1: 2014	Audio/video, information and communication technology equipment – Part 1: Safety requirements

EU Declaration of Conformity Annex

Document number: 2019 / 9C1-3589652-EN-00

The conformity of the designated product(s) with the provisions of the European **Low Voltage Directive**, 2014/35/EU 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.

\boxtimes	EN 62493: 2015	Assessment of lighting equipment related to human exposure to electromagnetic fields
	EN 62532: 2011	Fluorescent induction lamps — Safety specifications
\boxtimes	EN 62560: 2012 + A1:2015	Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications
	EN 62838: 2016	LEDsi lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c Safety specifications Consumer goods with a voltage below 50 V are dealt with by the General Product Safety Directive (GPSD) 2001/95/EC
	EN 62471: 2008	Photobiological safety of lamps and lamp systems
	EN 62733: 2015	Programmable components in elctronic lamp controlgear
	EN 62776: 2015	Double-capped LED lamps designed to retrofit linear fluorescent lamps - Safety specifications

EU Declaration of Conformity Annex

Document number: 2019 / 9C1-3589652-EN-00

The conformity of the designated product(s) with the provisions of the European **EMC Directive**, **2014/30/EU** 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.

\boxtimes	EN 55015: 2013 + A1:2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
\boxtimes	EN 61000-3-2: 2014	Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current \leq 16 A per phase)
	EN 61000-3-3: 2013	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
\boxtimes	EN 61547: 2009	Equipment for general lighting purposes — EMC immunity requirements
	EN 50498: 2010	Electromagnetic compatibility (EMC) – Product family standard for aftermarket electronic equipment in vehicles

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EU Declaration of Conformity Annex

Document number: 2019 / 9C1-3589652-EN-00

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

EN 62442-1: 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
EN 62442-2: 2014	Energy performance of lamp controlgear – Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) – Method of measurement to determine the efficiency of the controlgear
EN 62442-3: 2014	Energy performance of lamp controlgear – Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear

EU Declaration of Conformity Annex

Document number: 2019 / 9C1-3589652-EN-00

The conformity of the designated product(s) with the provisions of the European Directive **RoHS** 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 50581: 2012

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

9C1 3589652-EN-00

EU Declaration of Conformity Annex

Document number: 2019 / 9C1-3589652-EN-00

The conformity of the designated product(s) with the provisions of the European **radio equipment Directive** 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 300 328 V2.1.1 : 2016	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 301 489-1 V2.2.0: 2017	Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU
ETSI EN 301 489-17 V3.2.0: 2017	Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
EN 62479: 2010	Assessment of the compliance of low-power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
EN 50663: 2017	Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz)

EU Declaration of Conformity Attached list

Document number: 2019 / 9C1-3589652-EN-00

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