

EU Declaration of Conformity



Document number: 2020 / 9C1-3978711-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: Spot HV lamp
☒ 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 |
| ☒ | 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 |
| ☒ | 2009/125/EC
and amendments, incl.
2019/2020, Art. 7 | 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
Article 7 of Commission Regulation (EU) 2019/2020 of 1 October 2019 laying down ecodesign requirements for light sources and separate control gears pursuant to Directive 2009/125/EC of the European Parliament and of the Council |
| ☐ | 244/2009
and amendments | Commission Regulation (EC) implementing Directive 2009/125/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 2009/125/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 |
| ☒ | 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 |
| ☐ | 2014/53/EU
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 |

Last two digits of the year in which the CE marking was affixed: 20

Place and date of signatures: Feb.19,2020

Signatures:

Quality Management

Quality Assurance

Names: 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

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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.

☐	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: 2018	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 60598-2-22: 2014	Luminaires — Part 2-22: Particular requirements — Luminaires for emergency lighting
☐	EN 60598-2-24: 2013	Luminaires - Part 2-24: Particular requirements - Luminaires with limited surface temperatures
☐	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

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☐	EN 61199: 2011 + 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

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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.

☒	EN 62493: 2015	Assessment of lighting equipment related to human exposure to electromagnetic fields
☐	EN 62532: 2011	Fluorescent induction lamps — Safety specifications
☒	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 60669-2-1: 2004 + A1:2009 + A12:2010	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
☐	EN 62471: 2008	Photobiological safety of lamps and lamp systems
☐	EN 62733: 2015	Programmable components in electronic lamp controlgear
☐	EN 62776: 2015	Double-capped LED lamps designed to retrofit linear fluorescent lamps - Safety specifications
☐		

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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.

☒	EN 55015: 2013 + A1:2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
☒	EN 61000-3-2: 2014	Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 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 ≤ 16 A per phase and not subjected to conditional connection
☒	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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The conformity of the designated product(s) with the provisions of the European **eco design (ERP) 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 62442-1:**
2018
- 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 IEC 62442-2:**
2019
- 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 IEC 62442-3:**
2019
- Energy performance of lamp controlgear –
Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear
- ☐

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The conformity of the designated product(s) with the provisions of the European Directive **2011/65/EU (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
- ☐

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The conformity of the designated product(s) with the provisions of the European **Radio Equipment Directive 2014/53EU** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies

- | | | |
|--------------------------|--|---|
| ☐ | EN 300 328 V2.1.1 | 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 |
| ☐ | EN 300 440 V2.1.1&V2.2. | Short Range Devices (SRD) ; Radio equipment to be used in the 1GHz to 40GHz frequency range; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU |
| ☐ | Draft ETSI EN 301 489-1 V2.2.0 | 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 |
| ☐ | Draft EN 301 489-3 V2.1.1 | 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 246 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU |
| ☐ | Draft ETSI EN 301 489-17 V3.2.0 | 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) |
| ☐ | | |

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Product list:

AC173460055----LEDSR392536 1,5W/827 230V E146XBLI1OSRAM
AC173440055----LPPAR3812030 12,5W/827 230V E27 6X1 OSRAM
AC173430055----LPPR38D12030 12,5W/827 230V E27 6X1OSRAM
AC173420055----LPPAR3812015 12,5W/827 230V E27 6X1OSRAM
AC173410055----LPPAR30D7536 10W/927 230V E27 6X1OSRAM
AC173400055----LPPAR20D5036 5W/927 230V E27 6X1 OSRAM
AC1733900ZS----LPPAR16D5036 5,2W/927 230V E14 10X1OSRAM
AC1733800ZS----LPPAR165036 4,5W/827 230V E14 10X1 OSRAM
AC1675300DC----LEDPR80100 9,1W/827 230V GL E27 10X1 OSRAM
AC1675200DC----LEDPR80100D 9,6W/827 230V GL E2710X1OSRAM
AC1675100DC----LEDPR8060 4,3W/827 230V GL E27 10X1 OSRAM
AC1675000DC----LEDPR8060D 5,9W/927 230V GL E27 10X1 OSRAM
AC1674901DC----LEDPR6360 4,3W/827 260V GL E27 10X1 OSRAM
AC1674801DC----LEDPR6360D 5,9W/927 260V GL E2710X1OSRAM
AC1674601DC----LEDPR6340 2,6W/827 230V GL E27 10X1OSRAM
AC1674501DC----LEDPR5060D 5,9W/927 230V GL E1410X1OSRAM
AC1674402DC----LEDPR5060 4,3W/827 230V GL E1410X1OSRAM
AC1674201DC----LEDPR5040 2,6W/827 230V GL E14 10X1OSRAM
AC1674101DC----LEDPR5025 1,5W/827 230V GL E14 10X1OSRAM
AC165240113----PPAR1650120 4,3W/840230VGU1010XFS1OSRAM
AC165230013----PPAR1650120 4,3W/830230VGU1010XFS1OSRAM
AC165220113----PPAR1650120 4,3W/827230VGU1010XFS1OSRAM
AC165210013----VALUEPAR1650 4,3W/865 230V GU10 10X1 OSRAM
AC165200813----PPAR165036 4,3W/840 230V GU10 10X5 OSRAM
AC165200413----PPAR165036 4,3W/840220-240VGU1010XFS1OSRAM
AC165200113----VALUEPAR1650 4,3W/840 230V GU10 10X1 OSRAM
AC165190213----PPAR165036 4,3W/830 230V GU10 10X5 OSRAM
AC165190113----PPAR165036 4,3W/830220-240VGU1010XFS1OSRAM
AC165190013----VALUEPAR1650 4,3W/830 230V GU10 10X1 OSRAM
AC165181313----PPAR1650364,3W/827220-240VGU1010X5OSRAM
AC165180613----PPAR165036 4,3W/827220-240VGU1010XFS1OSRAM
AC165170113----PPAR163536 2,6W/840220-240VGU1010XFS1OSRAM
AC165160013----PPAR163536 2,6W/830220-240VGU1010XFS1OSRAM
AC165150113----PPAR163536 2,6W/827220-240VGU1010XFS1OSRAM
AC165140213----PPAR16D5036 5,5W/940 230V GU10 10X5OSRAM
AC165140113----PPAR16D5036 5,5W/940230VGU1010XFS1OSRAM
AC165130113----PPAR16D5036 5,5W/930 230V GU10 10X5OSRAM
AC165130013----PPAR16D5036 5,5W/930230VGU1010XFS1OSRAM
AC165120313----PPAR16D5036 5,5W/927220-240VGU1010X5OSRAM
AC165120113----PPAR16D5036 5,5W/927230VGU1010XFS1OSRAM
AC165110113----PPAR16D3536 3,7W/940230VGU1010XFS1OSRAM
AC165100013----PPAR16D3536 3,7W/930230VGU1010XFS1OSRAM
AC165090113----PPAR16D3536 3,7W/927230VGU1010XFS1OSRAM
AC1650801DC----PPAR16D8036 8,7W/940230VGU1010XFS1OSRAM

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Product list:

AC1650701DC----PPAR16D8036 8,7W/930230VGU1010XFS1OSRAM
AC1650601DC----PPAR16D8036 8,7W/927230VGU1010XFS1OSRAM
AC165050013----PPPAR16D3536 3,7W/940230VGU1010XFS1OSRAM
AC165040013----PPPAR16D3536 3,7W/930230VGU1010XFS1OSRAM
AC165030013----PPPAR16D3536 3,7W/927230VGU1010XFS1OSRAM
AC1029801ZS----VALUEPAR162536 2W/827 230V GU10 10X1 OSRAM
AC0939300ZS----LPPAR38 13W 230VGREEN E27 6X1 OSRAM
AC0878101NJ----LPGX53 25 100 3,5W/827 GX53 9XBLI1 OSRAM
AC0877401ZS----LPPAR16GLD50 4,6W/827 230V GU1010X1OSRAM
AC0876301NJ----LPGX53 40 100 6,0W/827 GX53 9XBLI1 OSRAM
AC0876201NJ----LPGX53 40 100 6,0W/840 GX53 9XBLI1 OSRAM
AC085780013----VPAR1680120 6,9W/865 230V GU10 10X1 OSRAM
AC085770013----VPAR1680120 6,9W/840 230V GU10 10X1 OSRAM
AC085760013----VPAR1680120 6,9W/830 230V GU10 10X1 OSRAM
AC085750013----VPAR168060 6,9W/840 230V GU10 10X1 OSRAM
AC085740013----VPAR168060 6,9W/830 230V GU10 10X1 OSRAM
AC085730013----VALUEPAR1680 4,3W/865 230V GU10 10X1 OSRAM
AC085720013----VALUEPAR1680 6,9W/840 230V GU10 10X1 OSRAM
AC085710013----VALUEPAR1680 6,9W/830 230V GU10 10X1 OSRAM
AC0804200DC----LED PPAR1610036 9,1W/840230VGU10
AC0804100DC----LED PPAR1610036 9,1W/830230VGU10
AC0804000DC----LED PPAR1610036 9,1W/827230VGU10
AC080390113----LPPAR16801206,9W/840220-240VGU1010XOSRAM
AC080380013----LPPAR16801206,9W/830220-240VGU1010XOSRAM
AC080370213----LPPAR16801206,9W/827220-240VGU1010XOSRAM
AC080360013----LED PPAR168060 6,9W/840230VGU10
AC080350013----LED PPAR168060 6,9W/830230VGU10
AC080340013----LED PPAR168060 6,9W/827230VGU10
AC080330213----PPAR168036 6,9W/840220-240VGU1010X1OSRAM
AC080320013----LPPAR1680366,9W/830220-240VGU1010X1OSRAM
AC080310213----PPAR168036 6.9W/827220-240VGU1010X1OSRAM
AC0801500DC----PPPAR16D5036 6,4W/940230VGU1010XFS1OSRAM
AC0801400DC----PPPAR16D5036 6,4W/930230VGU1010XFS1OSRAM
AC0801302DC----PPPAR16D5036 6,4W/927230VGU1010XFS1OSRAM
AC0800901DC----LED PPAR16D10036 9,6W/840230VGU10
AC0800801DC----LED PPAR16D10036 9,6W/830230VGU10
AC0800701DC----LED PPAR16D10036 9,6W/827230VGU10
AC0800601DC----PPAR16D80120 8W/840230VGU1010XFS1OSRAM
AC0800500DC----PPAR16D80120 8W/830230VGU1010XFS1OSRAM
AC0800401DC----PPAR16D80120 8W/827230VGU1010XFS1OSRAM
AC0800300DC----PPAR16D8060 8W/840230VGU1010XFS1OSRAM
AC0800200DC----PPAR16D8060 8W/830230VGU1010XFS1OSRAM
AC0800100DC----PPAR16D8060 8W/827230VGU1010XFS1OSRAM

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Product list:

AC0800001DC----PPAR16D8036 8W/840230VGU1010XFS1OSRAM
AC0799900DC----PPAR16D8036 8W/830230VGU1010XFS1OSRAM
AC0799801DC----PPAR16D8036 8W/827230VGU1010XFS1OSRAM