

EU Declaration of Conformity



Document number: 2018 / 9C1-3511249-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: CLA,B,P,Tubular lamp
 See attached list

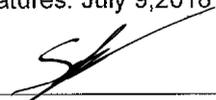
The designated product(s) is (are) in conformity with the relevant Union harmonisation legislation:

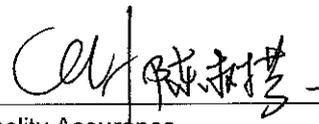
- 2014/35/EU** and amendments Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits; Official Journal of the 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
- 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
- 2014/53/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 (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: 18

Place and date of signatures: July 9,2018

Signatures:


Quality Management


Quality Assurance

Names: Scheyer, Yannick

Chen, Shufen

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.

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

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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.

<input type="checkbox"/>	EN 61199: 2011 + A2:2015	Single-capped fluorescent lamps — Safety specifications
<input type="checkbox"/>	EN 61347-1: 2015	Lamp controlgear — Part 1: General and safety requirements
<input type="checkbox"/>	EN 61347-2-1: 2001 + A1:2006 + A2:2014	Lamp controlgear — Part 2-1: Particular requirements for starting devices (other than glow starters)
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	EN 61347-2-7: 2012	Lamp controlgear — Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)
<input type="checkbox"/>	EN 61347-2-8: 2001 + A1:2006	Lamp controlgear — Part 2-8: Particular requirements for ballasts for fluorescent lamps
<input type="checkbox"/>	EN 61347-2-9: 2013	Lamp controlgear — Part 2-9: Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps)
<input type="checkbox"/>	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)
<input type="checkbox"/>	EN 61347-2-11: 2001	Lamp controlgear — Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
<input type="checkbox"/>	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)
<input type="checkbox"/>	EN 61347-2-13: 2014	Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied electronic controlgear for LED modules
<input type="checkbox"/>	EN 61549: 2003 + A1:2005 + A2:2010 + A3:2012	Miscellaneous lamps
<input type="checkbox"/>	EN 62031: 2008 + A1:2013 + A2:2015	LED modules for general lighting — Safety specifications
<input type="checkbox"/>	EN 62034: 2012	Automatic test systems for battery powered emergency escape lighting
<input type="checkbox"/>	EN 62035: 2014	Discharge lamps (excluding fluorescent lamps) — Safety specifications
<input type="checkbox"/>	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.

- | | | |
|-------------------------------------|---|---|
| <input checked="" type="checkbox"/> | EN 62493:
2015 | Assessment of lighting equipment related to human exposure to electromagnetic fields |
| <input type="checkbox"/> | EN 62532:
2011 | Fluorescent induction lamps — Safety specifications |
| <input checked="" type="checkbox"/> | EN 62560:
2012+ A1:2015 | Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications |
| <input type="checkbox"/> | 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 |
| <input type="checkbox"/> | EN 62471:
2008 | Photobiological safety of lamps and lamp systems |
| <input type="checkbox"/> | EN 62733:
2015 | Programmable components in electronic lamp controlgear |
| <input type="checkbox"/> | EN 62776:
2015 | Double-capped LED lamps designed to retrofit linear fluorescent lamps - Safety specifications |
| <input type="checkbox"/> | | |

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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.

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

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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
-

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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
-

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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.

- | | | |
|--------------------------|--|--|
| <input type="checkbox"/> | 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 |
| <input type="checkbox"/> | 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 |
| <input type="checkbox"/> | 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 |
| <input type="checkbox"/> | 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) |
| <input type="checkbox"/> | | |

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Attached list

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Product list:

AC08067---CL_A_15_E27_Blue_non-dim_2700_136_15000_Décor
AC08068---CL_A_15_E27_FIL_non-dim_2700_136_15000_
AC08070---CL_A_15_E27_GL FR_non-dim_2700_136_15000_
AC08071---CL_A_15_E27_Green_non-dim_2700_136_15000_Décor
AC08072---CL_A_15_E27_Orange_non-dim_2700_136_15000_Décor
AC08073---CL_A_15_E27_Red_non-dim_2700_136_15000_Décor
AC08074---CL_A_15_E27_Yellow_non-dim_2700_136_15000_Décor
AC08863---CL_A_25_E27_FIL_non-dim_2700_250_15000_
AC08864---CL_A_25_E27_GL FR_non-dim_2700_250_15000_
AC08079---CL_A_34_E27_FIL Mirror Silver_non-dim_2700_380_15000_
AC08078---CL_A_37_E27_FIL Mirror Gold_non-dim_2700_420_15000_
AC08080---CL_A_40_B22d_FIL_non-dim_2700_470_15000_
AC08084---CL_A_40_B22d_GL FR_non-dim_2700_470_15000_
AC08865---CL_A_40_E27_FIL_non-dim_2700_470_15000_
AC08866---CL_A_40_E27_FIL_non-dim_4000_470_15000_
AC08868---CL_A_40_E27_GL FR_non-dim_2700_470_15000_
AC08867---CL_A_40_E27_GL FR_non-dim_4000_470_15000_
AC08088---CL_A_51_E27_FIL Mirror Silver_non-dim_2700_650_15000_
AC08087---CL_A_54_E27_FIL Mirror Gold_non-dim_2700_700_15000_
AC08869---CL_A_60_B22d_FIL_non-dim_2700_806_15000_
AC08093---CL_A_60_B22d_GL FR_non-dim_2700_806_15000_
AC08871---CL_A_60_E27_FIL_non-dim_2700_806_15000_
AC08870---CL_A_60_E27_FIL_non-dim_4000_806_15000_
AC08873---CL_A_60_E27_GL FR_non-dim_2700_806_15000_
AC08872---CL_A_60_E27_GL FR_non-dim_4000_806_15000_
AC08875---CL_A_75_E27_FIL_non-dim_2700_1055_15000_
AC08874---CL_A_75_E27_FIL_non-dim_4000_1055_15000_
AC08877---CL_A_75_E27_GL FR_non-dim_2700_1055_15000_
AC08876---CL_A_75_E27_GL FR_non-dim_4000_1055_15000_
AC08880---CL_A_100_B22d_GL FR_non-dim_2700_1521_10000_
AC08879---CL_A_100_E27_FIL_non-dim_2700_1521_10000_
AC08878---CL_A_100_E27_FIL_non-dim_4000_1521_10000_
AC08881---CL_A_100_E27_GL FR_non-dim_2700_1521_10000_
AC08882---CL_A_100_E27_GL FR_non-dim_4000_1521_10000_
AC08134---CL_A_60_E27_GL FR_non-dim_2700_806_15000_CRI90
AC08883---CL_B_25_E14_FIL_non-dim_2700_250_15000_
AC08884---CL_B_25_E14_FIL_non-dim_4000_250_15000_
AC08885---CL_B_25_E14_GL FR_non-dim_2700_250_15000_
AC08886---CL_B_25_E14_GL FR_non-dim_4000_250_15000_
AC08148---CL_B_40_B22d_FIL_non-dim_2700_470_15000_
AC08153---CL_B_40_B22d_GL FR_non-dim_2700_470_15000_
AC08887---CL_B_40_E14_FIL_non-dim_2700_470_15000_
AC08888---CL_B_40_E14_FIL_non-dim_4000_470_15000_
AC08889---CL_B_40_E14_GL FR_non-dim_2700_470_15000_
AC08890---CL_B_40_E14_GL FR_non-dim_4000_470_15000_
AC08155---CL_B_40_E14_GL FR_non-dim_6500_470_15000_
AC08151---CL_B_40_E27_FIL_non-dim_2700_470_15000_
AC08157---CL_B_40_E27_GL FR_non-dim_2700_470_15000_
AC08174---CL_B_40_E14_GL FR_non-dim_2700_470_15000_CRI90
AC08176---CL_BA_25_E14_FIL_non-dim_2700_250_15000_

AC08178---CL_BA_40_E14_FIL_non-dim_2700_470_15000_
 AC08179---CL_BA_40_E14_FIL_non-dim_4000_470_15000_
 AC08185---CL_BW_25_E14_FIL_non-dim_2700_250_15000_
 AC08187---CL_BW_40_E14_FIL_non-dim_2700_470_15000_
 AC08188---CL_BW_40_E14_FIL_non-dim_4000_470_15000_
 AC08212---CL_P_15_E27_Blue_non-dim_2700_136_15000_Décor
 AC08218---CL_P_15_E27_Green_non-dim_2700_136_15000_Décor
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 AC08220---CL_P_15_E27_Red_non-dim_2700_136_15000_Décor
 AC08221---CL_P_15_E27_Yellow_non-dim_2700_136_15000_Décor
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 AC08895---CL_P_25_E14_GL FR_non-dim_2700_250_15000_
 AC08896---CL_P_25_E14_GL FR_non-dim_4000_250_15000_
 AC08893---CL_P_25_E27_FIL_non-dim_2700_250_15000_
 AC08894---CL_P_25_E27_FIL_non-dim_4000_250_15000_
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 AC08233---CL_P_34_E14_FIL Mirror Silver_non-dim_2700_380_15000_
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 AC08899---CL_P_40_E14_FIL_non-dim_4000_470_15000_
 AC08902---CL_P_40_E14_GL FR_non-dim_2700_470_15000_
 AC08904---CL_P_40_E14_GL FR_non-dim_4000_470_15000_
 AC08900---CL_P_40_E27_FIL_non-dim_2700_470_15000_
 AC08901---CL_P_40_E27_FIL_non-dim_4000_470_15000_
 AC08905---CL_P_40_E27_GL FR_non-dim_2700_470_15000_
 AC08906---CL_P_40_E27_GL FR_non-dim_4000_470_15000_
 AC08324---CL_P_40_E14_GL FR_non-dim_2700_470_15000_CRI90
 AC08338---CL_Tubular_21_E27_FIL GOLD_non-dim_2400_200_15000_
 AC08339---CL_Tubular_35_E27_FIL GOLD_non-dim_2400_400_15000_
 AC09395---CL_A_40_E27_FIL_dim_2700_470_20000_
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 AC09397---CL_A_60_E27_FIL_dim_2700_806_15000_
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 AC09398---CL_A_60_E27_GL FR_dim_4000_806_15000_
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 AC09767---CL_B_25_E14_FIL_dim_2700_250_15000_
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