

EU Declaration of Conformity



Document number: 2018 / 9C1-3519314-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 CLA, B, P, GLOBE LAMPS
 See attached list

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

- 2014/35/EU** 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** 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: 06-Jul-2018

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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Annex

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The conformity of the designated product(s) with the provisions of the European **Low Voltage Directive** 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:
1998 | 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:
2012 | Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires |
| <input type="checkbox"/> | EN 60598-2-20:
2010 | 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 + AC:2011 +
A2:2013 | Information technology equipment – Safety – Part 1: General requirements |
| <input type="checkbox"/> | EN 60968:
2013 + A11:2014 | Self-ballasted lamps for general lighting services — Safety requirements |
| <input type="checkbox"/> | EN 61195:
1999 + A1:2013 | 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** 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 + A1:2013	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 + Corr. 2003 + A1:2006 + Corr. 2006 + Corr. 2010 + 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 + Corr. 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 + Corrigendum: 2003+ A1:2006 + Corrigendum:2010	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 + 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"/>	EN 61347-2-11: 2001 + Corrigendum:2002 + Corrigendum:2010	Lamp controlgear — Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
<input type="checkbox"/>	EN 61347-2-12: 2005 + A1:2010 + Corr.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: 2015-09	Discharge lamps (excluding fluorescent lamps) — Safety specifications
<input type="checkbox"/>	EN 62368-1: 2014 + AC: 2015	Audio/video, information and communication technology equipment – Part 1: Safety requirements

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<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	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 checked="" 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

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The conformity of the designated product(s) with the provisions of the European **EMC Directive** 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 50294:**
1998 + A1:2001 + A2:2003 Measurement method of total input power of ballast-lamp circuits
- 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"/> | ETSI EN 300 328 V2.1.1:
2016-11 | 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"/> | ETSI EN 301 489-1 V2.2.0:
2017-03 | ElectroMagnetic 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"/> | ETSI EN 301 489-17 V3.2.0:
2017-03 | ElectroMagnetic 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 | Assesment 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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Attached list

Document number: 2018 / 9C1-3519314-EN-00

AC10490	CL A12 E27 FIL GOLD non-dim 2500 120 15000
AC10491	CL A15 E27 GL FR non-dim 2700 136 15000
AC10492	CL A21 E27 FIL GOLD non-dim 2500 225 15000
AC10493	CL A25 E27 FIL non-dim 2700 250 15000
AC10494	CL A25 E27 GL FR non-dim 2700 250 15000
AC10495	CL A34 E27 FIL GOLD non-dim 2500 420 15000
AC10496	CL A34 FIL MirrorSilver non-dim 380 15000h
AC10498	CL A40 E27 FIL non-dim 4000 470 15000
AC10540	CL B12 E14 FIL GOLD non-dim 2500 120 15000
AC10541	CL B15 E14 FIL non-dim 2700 136 15000
AC10542	CL B15 E14 GL FR non-dim 2700 136 15000
AC10543	CL B21 E14 FIL GOLD non-dim 2500 225 15000
AC10544	CL B25 B22d GL FR non-dim 2700 250 15000
AC10545	CL B25 E14 FIL non-dim 4000 250 15000
AC10546	CL B25 E14 GL FR non-dim 4000 250 15000
AC10547	CL B25 E27 FIL non-dim 2700 250 15000
AC10548	CL B25 E27 GL FR non-dim 2700 250 15000
AC10550	CL B40 B22d FIL non-dim 2700 470 15000
AC10551	CL B40 E14 FIL non-dim 4000 470 15000
AC10552	CL B40 E14 GL FR non-dim 4000 470 15000
AC10554	CL B40 E27 FIL non-dim 2700 470 15000
AC10555	CL B40 E27 GL FR non-dim 2700 470 15000
AC10577	CL BA12 E14 FIL GOLD non-dim 2500 120 15000
AC10578	CL BA21 E14 FIL GOLD non-dim 2500 225 15000
AC10579	CL BA25 E14 FIL non-dim 2700 250 15000
AC10580	CL BA40 E14 FIL non-dim 4000 470 15000
AC10584	CL BW12 E14 FIL GOLD non-dim 2500 120 15000
AC10585	CL BW21 E14 FIL GOLD non-dim 2500 225 15000
AC10586	CL BW25 E14 FIL non-dim 2700 250 15000
AC10587	CL BW40 E14 FIL non-dim 4000 470 15000
AC10588	CL Edison21 FIL GOLD non-dim 2500 225 15000
AC10589	CL Edison25 E27 FIL non-dim 2700 250 15000
AC10590	CL Edison34 FIL GOLD non-dim2500 400 15000
AC10591	CL Edison40 E27 FIL non-dim 2700 470 15000
AC10592	CL Edison60 E27 FIL non-dim 2700 806 15000
AC10594	GLOBE125 21 FIL GOLD non-dim 2500 225 15000
AC10595	GLOBE125 25 E27 FIL non-dim 2700 250 15000
AC10596	GLOBE125 34 FIL GOLD non-dim 2500 400 15000
AC10597	GLOBE125 40 FIL non-dim 2700 470 15000
AC10598	GLOBE125 51 FIL GOLD non-dim2500 725 15000
AC10599	GLOBE125 60 E27 FIL non-dim 2700 806 15000

AC10600 GLOBE125 60 E27 FIL non-dim 4000 806 15000
AC10602 GLOBE95 60 GL FR non-dim 2700 806 15000
AC10603 GLOBE95 60 GL FR non-dim 4000 806 15000
AC10608 CL P12 E14 FIL GOLD non-dim 2500 120 15000
AC10609 CL P15 E14 FIL non-dim 2700 136 15000
AC10610 CL P15 E14 GL FR non-dim 2700 136 15000
AC10612 CL P15 E27 FIL non-dim 2700 136 15000
AC10613 CL P15 E27 GL FR non-dim 2700 136 15000
AC10618 CL P21 FIL GOLD non-dim 2500 225 15000
AC10619 CL P25 B22d GL FR non-dim 2700 250 15000
AC10620 CL P25 E14 FIL non-dim 4000 250 15000
AC10621 CL P25 E14 GL FR non-dim 4000 250 15000
AC10622 CL P25 E27 FIL non-dim 2700 250 15000
AC10623 CL P25 E27 FIL non-dim 4000 250 15000
AC10624 CL P25 E27 GL FR non-dim 2700 250 15000
AC10628 CL P40 B22d FIL non-dim 2700 470 15000
AC10629 CL P40 B22d GL FR non-dim 2700 470 15000
AC10630 CL P40 E14 FIL non-dim 4000 470 15000
AC10631 CL P40 E14 GL FR non-dim 4000 470 15000
AC10633 CL P40 E27 FIL non-dim 2700 470 15000
AC10634 CL P40 E27 FIL non-dim 4000 470 15000
AC10635 CL P40 E27 GL FR non-dim 2700 470 15000
AC10636 CL P40 E27 GL FR non-dim 4000 470 15000

#LOUIS.HUANG #LEDVANCE PLP(V)

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#LAB #EC declaration_fusion STL_CLABP

#2018-07-06 #

#RL-Released

9C1 3519314-EN-00