

Document number:			2020 / 9C1-5000430-EN-00				
Manufacturer or representative:			LEDVANCE GmbH				
Address:			Parkring 29-33 85748 Garching Germany				
Brand n	ame or t	trade mark:	LEDVANCE				
Product	type:		Self-ballasted LED lamp				
Product	designa	ition:	SMART WIFI CLA				
			See attached list				
The design	gnated p	roduct(s) is (are) in (conformity with the relevant Ur	nion harmonisation legislation:			
	2014/35 and ame	i/EU endments	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 and ame	//EU endments		ament and of the Council of 26 February 2014 on the ne Member States relating to electromagnetic			
	2009/12 and ame	endments, incl.	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				
	2019/2020, Art. 7		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 and ame	i/EU endments	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				
	2014/53EU 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				
Last two	o digits o	of the year in which	n the CE marking was affixe	ed: 20			
Place ar	nd date	of signatures: Sep	ot.18,2020				
Signatures:		5/		CON Starts.			
•		Quality Managem	nent	Quality Assurance			
Names: Scheyer Yannick		Scheyer Yannick		Shufen Chen			
Custome	ar carvica	contact: LEDVANC	F GmhH Steinerne Furt 62 8	6167 Augsburg Deutschland			

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

EU Declaration of Conformity Annex

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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	$\label{lem:Luminaires} \mbox{$-$ 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	$\label{lem:Luminaires} \mbox{$-$ 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.

\bowtie	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 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
\boxtimes	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: Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent 2018 lamps - Method of measurement to determine the total input power of controlgear

circuits and the efficiency of the controlgear

EN IEC 62442-2: Energy performance of lamp controlgear -

2019 Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent

lamps) - Method of measurement to determine the efficiency of the controlgear

Energy performance of lamp controlgear -EN IEC 62442-3:

Part 3: Controlgear for halogen lamps and LED modules - Method of 2019

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.

\forall	EN 50581:	Lechnical	document	ation for	the a	assessment	: ot	electrical a	nd elect	ronic	oroducts

with respect to the restriction of hazardous substances 2012

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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

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	EN 300 328 V2.2.2	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
	EN 301 489-1 V2.2.3	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 EN 301 489-17 V3.2.2	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 62311: 2008	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0Hz to 300 GHz)

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EU Declaration of Conformity Attached list

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AC27522	SMART WIFI A60 9W/827 230V DIM FR E27
AC27523	SMART WIFI A60 9W/827 230V TW FR E27
AC27629	SMART WIFI A60 9W/827 230V TW FR B22d
AC27524	SMART WIFI A60 9W 230V RGBW FR E27
AC27630	SMART WIFI A60 9W 230V RGBW FR B22d
AC27507	SMART WIFI A75 9,5W/827 230V DIM FR E27
AC27508	SMART WIFI A75 9,5W/827 230V TW FR E27
AC27509	SMART WIFI A75 9,5W 230V RGBW FR E27
AC27510	SMART WIFI A100 14W/827 230V DIM FR E27
AC27511	SMART WIFI A100 14W/827 230V TW FR E27
AC27512	SMART WIFI A100 14W 230V RGBW FR E27