

# EU Declaration of Conformity



Document number: 2020 / 9C1-4011853-EN-00

Manufacturer or representative: LEDVANCE GmbH

Address:  
Parkring 29-33  
85748 Garching  
Germany

Brand name or trade mark: OSRAM

Product type: Double-capped LED tube

Product designation: LED SubstiTUBE

See attached list

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

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> 2014/35/EU<br>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  |
| <input checked="" type="checkbox"/> 2014/30/EU<br>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  |
| <input checked="" type="checkbox"/> 2009/125/EC<br>and amendments, 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  |
| <input checked="" type="checkbox"/> 244/2009<br>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  |
| <input type="checkbox"/> 245/2009<br>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 |
| <input checked="" type="checkbox"/> 1194/2012<br>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   |
| <input checked="" type="checkbox"/> 2011/65/EU<br>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  |
| <input type="checkbox"/> 2014/53/EU<br>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: Jul.2, 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

## EU Declaration of Conformity Annex

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"/>	<b>EN 60155:</b> 1995 + A1:1995 + A2:2007	Glow-starters for fluorescent lamps
<input type="checkbox"/>	<b>EN 60432-1:</b> 2000 + A1:2005 + A2:2012	Incandescent lamps — Safety specifications — Part 1: Tungsten filament lamps for domestic and similar general lighting purposes
<input type="checkbox"/>	<b>EN 60432-2:</b> 2000 + A1:2005 + A2:2012	Incandescent lamps — Safety specifications — Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes
<input type="checkbox"/>	<b>EN 60432-3:</b> 2013	Incandescent lamps — Safety specifications — Part 3: Tungsten halogen lamps (non-vehicle)
<input type="checkbox"/>	<b>EN 60598-1:</b> 2015 + A1:2018	Luminaires — Part 1: General requirements and tests
<input type="checkbox"/>	<b>EN 60598-2-1:</b> 1989	Luminaires — Part 2-1: Particular requirements — Fixed general purpose luminaires
<input type="checkbox"/>	<b>EN 60598-2-2:</b> 2012	Luminaires — Part 2-2: Particular requirements — Recessed luminaires
<input type="checkbox"/>	<b>EN 60598-2-3:</b> 2003 + A1:2011	Luminaires — Part 2-3: Particular requirements — Luminaires for road and street lighting
<input type="checkbox"/>	<b>EN 60598-2-4:</b> 2018	Luminaires — Part 2-4: Particular requirements — Portable general purpose luminaires
<input type="checkbox"/>	<b>EN 60598-2-5:</b> 2015	Luminaires — Part 2-5: Particular requirements — Floodlights
<input type="checkbox"/>	<b>EN 60598-2-6:</b> 1994 + A1:1997	Luminaires — Part 2-6: Particular requirements — Luminaires with built-in transformers for filament lamps
<input type="checkbox"/>	<b>EN 60598-2-7:</b> 1989 + A2:1996 + A13:1997	Luminaires — Part 2-7: Particular requirements — Portable luminaires for garden use
<input type="checkbox"/>	<b>EN 60598-2-8:</b> 2013	Luminaires — Part 2-8 : Particular requirements — Handlamps
<input type="checkbox"/>	<b>EN 60598-2-10:</b> 2003	Luminaires — Part 2-10: Particular requirements — Portable luminaires for children
<input type="checkbox"/>	<b>EN 60598-2-12:</b> 2013	Luminaires — Part 2-12: Particular requirements — Mains socket-outlet mounted nightlights
<input type="checkbox"/>	<b>EN 60598-2-13:</b> 2006 + A1 2012	Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires
<input type="checkbox"/>	<b>EN 60598-2-20:</b> 2015	Luminaires — Part 2-20: Particular requirements — Lighting chains
<input type="checkbox"/>	<b>EN 60598-2-22:</b> 2014	Luminaires — Part 2-22: Particular requirements — Luminaires for emergency lighting
<input type="checkbox"/>	<b>EN 60598-2-24:</b> 2013	Luminaires - Part 2-24: Particular requirements - Luminaires with limited surface temperatures
<input type="checkbox"/>	<b>EN 60950-1:</b> 2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013	Information technology equipment – Safety – Part 1: General requirements
<input type="checkbox"/>	<b>EN 60968:</b> 2015	Self-ballasted lamps for general lighting services — Safety requirements
<input type="checkbox"/>	<b>EN 61195:</b> 1999 + A1:2013 + A2:2015	Double-capped fluorescent lamps — Safety specifications

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

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- |  |  |
|--|--|
| <input checked="" type="checkbox"/> <b>EN 62493:</b><br>2015               | Assessment of lighting equipment related to human exposure to electromagnetic fields   |
| <input type="checkbox"/> <b>EN 62532:</b><br>2011                          | Fluorescent induction lamps — Safety specifications  |
| <input type="checkbox"/> <b>EN 62560:</b><br>2012 + A1:2015                | Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications   |
| <input type="checkbox"/> <b>EN 62838:</b><br>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<br>Consumer goods with a voltage below 50 V are dealt with by the General Product Safety Directive (GPSD) 2001/95/EC |
| <input type="checkbox"/> <b>EN 60669-2-1:</b><br>2004 + A1:2009 + A12:2010 | Switches for household and similar fixed electrical installations - Part 2-1:<br>Particular requirements - Electronic switches (IEC 60669-2-1:2002, modified) /<br>Corrected and reprinted in 2007-12  |
| <input type="checkbox"/> <b>EN 62471:</b><br>2008                          | Photobiological safety of lamps and lamp systems   |
| <input type="checkbox"/> <b>EN 62733:</b><br>2015                          | Programmable components in electronic lamp controlgear   |
| <input checked="" type="checkbox"/> <b>EN 62776:</b><br>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"/>	<b>EN 55015:</b> 2013+A1:2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	#QS	#B_LU
<input checked="" type="checkbox"/>	<b>EN 61000-3-2:</b> 2014	Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)		
<input checked="" type="checkbox"/>	<b>EN 61000-3-3:</b> 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"/>	<b>EN 61547:</b> 2009	Equipment for general lighting purposes — EMC immunity requirements		#
<input type="checkbox"/>	<b>EN 50498:</b> 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 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.

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- |   |   |
|---|---|
| <input type="checkbox"/> <b>EN 300 328 V2.1.1</b>               | 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"/> <b>EN 300 440 V2.1.1&amp;V2.2.</b>     | 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   |
| <input type="checkbox"/> <b>Draft ETSI EN 301 489-1 V2.2.0</b>  | 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"/> <b>Draft EN 301 489-3 V2.1.1</b>       | 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 |
| <input type="checkbox"/> <b>Draft ETSI EN 301 489-17 V3.2.0</b> | 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"/> <b>EN 62479: 2010</b>                  | 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"/>  |   |

# **EU Declaration of Conformity**

## **Attached list**

Document number: 2020 / 9C1-4011853-EN-00

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### Product list

AC25497	ST8E-0.6M-8W-840-EM
AC25498	ST8E-0.6M-8W-865-EM
AC25499	ST8E-1.2M-16W-840-EM
AC25500	ST8E-1.2M-16W-865-EM
AC25501	ST8E-1.5M-20W-840-EM
AC25502	ST8E-1.5M-20W-865-EM

# EU deklaracija usaglasenosti



Broj dokumenta:	2020/9C1-4011853-EN-00
Proizvodjac ili zastupnik	LEDVANCE GmbH
Adresa:	Parkring 29-33 85748 Garching Germany
Naziv robne marke:	OSRAM
Tip proizvoda:	Self-ballasted LED lamp
Oznaka proizvoda:	Classic P lamp

Imenovani proizvodi su u skladu sa relevantnim zakonodavstvom Unije o usklađivanju:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> <b>2014/35/EU</b><br>I amadmani  | Direktiva Evropskog parlamenta i Saveta od 26. februara 2014. o usklađivanju zakona država članica u vezi sa stavljanjem na raspolaganje električne opreme dizajnirane za upotrebu u određenim granicama napona na tržištu  |
| <input checked="" type="checkbox"/> <b>2014/30/EU</b><br>I amadmani  | Direktiva Evropskog parlamenta i Saveta od 26. februara 2014. o usklađivanju zakona država članica u vezi sa elektromagnetskom kompatibilnošću  |
| <input checked="" type="checkbox"/> <b>2009/125/EC</b><br>I amadmani | Direktiva Evropskog parlamenta i Saveta od 21. oktobra 2009. godine o uspostavljanju okvira za postavljanje zahteva za ekološki dizajn za proizvode povezane sa energijom   |
| <b>2019/2020, Art. 7</b>   | Član 7. Uredbe Komisije (EU) 2019/2020 od 1. oktobra 2019. o utvrđivanju zahteva za ekološki dizajn za izvore svetlosti i odvojene upravljačke uređaje u skladu sa Direktivom 2009/125 / EC Evropskog parlamenta i Veca   |
| <input checked="" type="checkbox"/> <b>244/2009</b><br>I amadmani    | Uredba Komisije (EZ) o sprovođenju Direktive 2009/125 / EZ Evropskog parlamenta i Saveta u pogledu zahteva za ekološki dizajn za usmerene svetiljke za domaćinstvo  |
| <input type="checkbox"/> <b>245/2009</b><br>I amadmani               | Uredba Komisije (EC) o sprovođenju Direktive 2009/125 / EC Evropskog parlamenta i Saveta u vezi sa zahtevima za ekološki dizajn za fluorescentne sijalice bez integrisane prigušnice, za sijalice visokog intenziteta i za prigušnice i svetiljke koje mogu da rade sa takvim lampama |
| <input checked="" type="checkbox"/> <b>1194/2012</b><br>I amadmani   | Uredba Komisije (EU) br. 1194/2012 od 12. decembra 2012. godine o sprovođenju Direktive 2009/125 / EZ Evropskog parlamenta i Saveta u pogledu zahteva za ekološki dizajn usmerenih sijalica, sijalica koje emituju svetlost i srodne opreme   |
| <input checked="" type="checkbox"/> <b>2011/65/EU</b><br>I amadmani  | Direktiva Evropskog parlamenta i Saveta od 8. juna 2011. o ograničenju upotrebe određenih opasnih supstanci u električnoj i elektronskoj opremi   |
| <input type="checkbox"/> <b>2014/53/EU</b><br>I amadmani             | Direktiva Evropskog parlamenta i Veca od 16.aprila 2014. Godine o usklađivanju zakona država članica u vezi sa stavljanjem dostupnih na tržiste radio opreme i ukidanju direktive 1999/5/EC   |

Potpis  
ovlascenog  
lica:

**Prilog EU deklaracije o usaglašenosti**

Broj dokumenta 202 / 9C1-4011853-EN-00

Usklađenost naznačenih proizvoda sa odredbama Evropske direktive o niskom naponu, 2014/35 / EU, daje se usaglašenošću sa sledećim evropskim standardima ili drugim specifikacijama. Ako nije negde drugde / drugačije naznačeno, primenjuje se izdanje / dopuna kao što je navedeno u nastavku.

<b>EN 60155:</b> 1995 + A1:1995 + A2:2007	Sijalice za fluorescentne sijalice
<b>EN 60432-1:</b> 2000 + A1:2005 + A2:2012	Sijalice sa žarnom niti - Sigurnosne specifikacije - Deo 1: Sijalice sa volframovom niti za kućnu i slične namene opštег osvetljenja
<b>EN 60432-2:</b> 2000 + A1:2005 + A2:2012	Sijalice sa žarnom niti - Sigurnosne specifikacije - Deo 2: Halogene sijalice od volframa za kućne i slične namene opštег osvetljenja
<b>EN 60432-3:</b> 2013	Sijalice sa žarnom niti - Sigurnosne specifikacije - Dio 3: Halogene sijalice od volframa (koje nisu za vozila)
<b>EN 60598-1:</b> 2015	Svetiljke - Deo 1: Opšti zahtevi i ispitivanja
<b>EN 60598-2-1:</b> 1989	Svetiljke - Deo 2-1: Posebni zahtevi - Fiksne svetiljke opšte namene
<b>EN 60598-2-2:</b> 2012	Svetiljke - Deo 2-2: Posebni zahtevi - Ugradne svetiljke
<b>EN 60598-2-3:</b> 2003 + A1:2011	Svetiljke - Deo 2-3: Posebni zahtevi - Svetiljke za osvetljenje puta i ulice
<b>EN 60598-2-4:</b> 1997	Svetiljke - Deo 2-4: Posebni zahtevi - Prenosne svetiljke za opštu namenu
<b>EN 60598-2-5:</b> 2015	Svetiljke - Deo 2-5: Posebni zahtevi - Reflektori
<b>EN 60598-2-6:</b> 1994 + A1:1997	Svetiljke - Deo 2-6: Posebni zahtevi - Svetiljke sa ugrađenim transformatorima za lampe sa žarnom niti
<b>EN 60598-2-7:</b> 1989 + A2:1996 + A13:1997	Svetiljke - Deo 2-7: Posebni zahtevi - Prenosne svetiljke za bašte
<b>EN 60598-2-8:</b> 2013	Svetiljke - Deo 2-8: Posebni zahtevi - Ručne svetiljke
<b>EN 60598-2-10:</b> 2003	Svetiljke - Deo 2-10: Posebni zahtevi - Prenosne svetiljke za decu
<b>EN 60598-2-12:</b> 2013	Svetiljke - Deo 2-12: Posebni zahtevi - Noćna svetla montirana na električnu utičnicu
<b>EN 60598-2-13:</b> 2006 + A1 2012	Svetiljke - Deo 2-13: Posebni zahtevi - Ugradne svetiljke u zemlju
<b>EN 60598-2-20:</b> 2015	Svetiljke — Deo 2-20: Posebni zahtevi — Lunci za osvetljenje
<b>EN 60598-2-22:</b> 2014	Svetiljke - Deo 2-22: Posebni zahtevi - Svetiljke za vanredno osvetljenje
<b>EN 60950-1:</b> 2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013	Oprema za informacionu tehnologiju - Bezbednost - Deo 1: Opšti zahtevi
<b>EN 60968:</b> 2015	Samostepene lampe za opšte osvetljenje - Bezbednosni zahtevi
<b>EN 61195:</b> 1999 + A1:2013 + A2:2015	Fluorescentne sijalice sa dvostrukim poklopcom - Sigurnosne specifikacije

# Prilog EU deklaracije o usaglašenosti

Broj dokumenta 2020 / 9C1-4011853-EN-00

Usklađenost naznačenih proizvoda sa odredbama Evropske direktive o niskom naponu, 2014/35 / EU, daje se usaglašenošću sa sledećim evropskim standardima ili drugim specifikacijama. Ako nije negde drugde / drugačije naznačeno, primenjuje se izdanje / dopuna kao što je navedeno u nastavku.

<b>EN 61199:</b> 2011 + A2:2015	Fluorescentne sijalice sa jednim poklopcem - Sigurnosne specifikacije
<b>EN 61347-1:</b> 2015	Upravljačka oprema za lampe - Deo 1: Opšti i bezbednosni zahtevi
<b>EN 61347-2-1:</b> 2001 + A1:2006 + A2:2014	Upravljačka oprema za lampe - Deo 2-1: Posebni zahtevi za uređaje za pokretanje (osim startera sa žarom)
<b>EN 61347-2-2:</b> 2012	Upravljačka oprema za lampe - Deo 2-2: Posebni zahtevi za d. c. ili a. c. isporučuje se elektronski silazni pretvarači za žarulje sa žarnom nit
<b>EN 61347-2-3:</b> 2011	Upravljačka oprema za lampe - Deo 2-3: Posebni zahtevi za a. c. i / ili d. c. isporučene elektronske prigušnice za fluorescentne sijalice
<b>EN 61347-2-7:</b> 2012	Upravljačka oprema za lampe - Deo 2-7: Posebni zahtevi za bateriju elektronska upravljačka oprema za nužno osvetljenje (samostalna)
<b>EN 61347-2-8:</b> 2001 + A1:2006	Upravljačka oprema za lampe - Deo 2-8: Posebni zahtevi za prigušnice za fluorescentne lampe
<b>EN 61347-2-9:</b> 2013	Upravljačka oprema za lampe - Deo 2-9: Posebni zahtevi za prigušnice za pražnjenje lampe (osim fluorescentnih sijalica)
<b>EN 61347-2-10:</b> 2001 + A1:2009	Upravljački uređaj za lampe - Deo 2-10: Posebni zahtevi za elektronske pretvarače i pretvarači za visokofrekventni rad cevnih lampi sa hladnim startom (neonske cevi)
<b>EN 61347-2-11:</b> 2001	Upravljačka oprema za lampe - Deo 2-11: Posebni zahtevi za razno elektronski sklopovi koji se koriste sa svetiljkama
<b>EN 61347-2-12:</b> 2005 + A1:2010	Upravljačka oprema za lampe - Deo 2-12: Posebni zahtevi za d. c. ili a. c. isporučuje se elektronske prigušnice za sijalice (osim fluorescentnih sijalica)
<b>EN 61347-2-13:</b> 2014	Upravljačka oprema za lampe - Deo 2-13: Posebni zahtevi za d. c. ili a. c. isporučuje se elektronska upravljačka oprema za LED module
<b>EN 61549:</b> 2003 + A1:2005 + A2:2010 + A3:2012	Razne lampe
<b>EN 62031:</b> 2008 + A1:2013 + A2:2015	LED moduli za opšte osvetljenje - Sigurnosne specifikacije
<b>EN 62034:</b> 2012	Automatski ispitni sistemi za baterijsko osvetljenje za slučaj nužde
<b>EN 62035:</b> 2014	Sijalice za pražnjenje (isključujući fluorescentne sijalice) - Sigurnosne specifikacije
<b>EN 62368-1:</b> 2014	Oprema za audio / video, informacione i komunikacione tehnologije - Deo 1: Bezbednosni zahtevi

# EU Deklaracija o usaglašenosti

## Dodatak

Broj dokumenta: 2020 / 9C1-4011853-EN-00

Usklađenost naznačenih proizvoda sa odredbama Evropske direktive o niskonaponskoj opremi 2014/35 / EU daje se usklađenošću sa sledećim evropskim standardima ili drugim specifikacijama. Ako nije negde drugde / drugačije naznačeno, primenjuje se izdanje / dopuna kao što je navedeno u nastavku.

<input checked="" type="checkbox"/>	<b>EN 62493:</b>	Procena opreme za osvetljenje koja se odnosi na izlaganje ljudi elektromagnetnom zračenju 2015
<input type="checkbox"/>	<b>EN 62532:</b>	Fluorescentne indukcione sijalice - Sigurnosne specifikacije 2011
<input type="checkbox"/>	<b>EN 62560:</b>	Samo-balastirane LED lampe za opšte usluge osvetljenja naponom > 50 V - Bezbednost specifikacije 2012
<input type="checkbox"/>	<b>EN 62838:</b>	LEDsi lampe za opšte osvetljenje sa naponom napajanja ne većim od 50 V. a.c. r.m.s. ili 120 V bez mreštanja d.d. - Sigurnosne specifikacije Potrošačka roba napona ispod 50 V se bavi Opštom direktivom o bezbednosti proizvoda (GPSD) 2001/95 / EZ 2016
<input type="checkbox"/>	<b>EN 60669-2-1:</b>	Prekidači za kućne i slične fiksne električne instalacije - Dio 2-1: Posebni zahtevi - Elektronski prekidači (IEC 60669-2-1: 2002, izmenjen) / Ispravljeno i ponovo štampano u periodu 2007-12 Fotobiološka sigurnost sijalica i sijaličnih sistema 2004 + A1:2009 + A12:2010
<input type="checkbox"/>	<b>EN 62471:</b>	Fotobiološka sigurnost sijalica i sijaličnih sistema 2008
<input type="checkbox"/>	<b>EN 62733:</b>	Programabilne komponente u elektronskoj upravljačkoj lampi 2015
<input checked="" type="checkbox"/>	<b>EN 62776:</b>	LED lampe sa dvostrukim poklopcom dizajnirane za naknadnu ugradnju linearnih fluorescentnih lampi – Bezbednost specifikacije 2015

# EU Deklaracija o usaglašenosti

## Dodatak

Broj dokumenta: 2020 / 9C1-4011853-EN-00

Usklađenost naznačenih proizvoda sa odredbama Evropske EMC direktive 2014/30 / EU daje se usklađenošću sa sledećim evropskim standardima ili drugim specifikacijama. Ako nije negde drugde / drugačije naznačeno, primenjuje se izdanje / dopuna kao što je navedeno u nastavku.

<input checked="" type="checkbox"/>	<b>EN 55015:</b> 2013+A1:2015	Ograničenja i metode merenja karakteristika radio smetnji od električno osvetljenje i slična oprema Elektromagnetna kompatibilnost (EMC) - Deo 3-2: Ograničenja - Ograničenja za harmoniju
<input checked="" type="checkbox"/>	<b>EN 61000-3-2:</b> 2014	trenutne emisije (ulazna struja opreme $\leq 16$ A po fazi) Elektromagnetna kompatibilnost (EMC) - Deo 3-3: Ograničenja - Ograničenje napona
<input checked="" type="checkbox"/>	<b>EN 61000-3-3:</b> 2013	promene, oscilacije napona i treperenje u javnim niskonaponskim sistemima napajanja, za oprema sa nominalnom strujom $\leq 16$ A po fazi i koja nije podložna uslovnom veza
<input checked="" type="checkbox"/>	<b>EN 61547:</b> 2009	Oprema za opšte osvetljenje - EMC zahtevi za otpornost
<input type="checkbox"/>	<b>EN 50498:</b> 2010	Elektromagnetna kompatibilnost (EMC) - Standard porodice proizvoda za naknadnu elektronsku opremu u vozilima
<input type="checkbox"/>		

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EU Deklaracija o usaglašenosti

Dodatak

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Usklađenost označenih proizvoda sa odredbama Evropske direktive o ekološkom dizajnu (ERP) 2009/125 / EC daje se usklađenošću sa sledećim evropskim standardima. Ako nije negde drugde / drugačije naznačeno, primenjuje se izdanje / dopuna kao što je navedeno u nastavku.

- EN 62442-1:**  
2018 Energetske performanse upravljačkih uređaja sijalica - Deo 1: Upravljački uređaji za fluorescentne sijalice - Metoda merenja za određivanje ukupne ulazne snage krugova upravljačkih uređaja i efikasnost upravljačke opreme
- EN IEC 62442-2:**  
2019 Energetske performanse upravljačkih uređaja sijalica – Deo 2: Upravljačka oprema za sijalice sa visokim intenzitetom (isključujući fluorescentne sijalice) - Metoda merenja za određivanje efikasnosti upravljačke opreme
- EN IEC 62442-3:**  
2019 Deo 3: Upravljačka oprema za halogene lampe i LED module - Metoda merenja za određivanje efikasnosti upravljačke opreme



## EU Deklaracija o usaglašenosti

### Dodatak

**Broj dokumenta:** 2020 / 9C1-4011853-EN-00

Usklađenost naznačenih proizvoda sa odredbama Evropske direktive 2011/65 / EU (RoHS) daje se usklađenošću sa sledećim evropskim standardima ili drugim specifikacijama. Ako nije negde drugde / drugačije naznačeno, primenjuje se izdanje / dopuna kao što je navedeno u nastavku.

- EN 50581:** Tehnička dokumentacija za ocenu električnih i elektronskih proizvoda  
2012 s obzirom na ograničenje opasnih supstanci
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## EU Deklaracija o usaglašenosti

Broj dokumenta: 2020 / 9C1-4011853-EN-00

Uskladjenost naznacenih proizvoda sa odredbama Evropske direktive o radio opremi **2014/53/EU** daje se uskladjenoscu sa sledecim evropskim standardima.Ako nije nigde drugde,drugacije naznaceno,primenjuje se izdanje,dopuna kao sto je navedeno u nastavku.

- EN 300 328 V2.1.1** Širokopojasni prenosni sistemi; Oprema za prenos podataka koja radi u 2,4 GHz ISM opseg i koristeći tehnike širokopojasne modulacije; Harmonizovano Standard koji pokriva osnovne zahteve člana 3.2 Direktive 2014/53 / EU
- EN 300 440** Uredaji kratkog dometa (SRD); Radio oprema koja će se koristiti na 1GHz do 40GHz
- V2.1.1&V2.2.** frekvenčijski opseg; Harmonizovani standard koji pokriva suštinske zahteve član 3.2 Direktive 2014/53 / EU
- Draft ETSI EN 301 489-1 V2.2.0** Standard za elektromagnetnu kompatibilnost (EMC) za radio opremu i usluge; Deo 1: Zajednički tehnički zahtevi; Harmonizovani standard koji pokriva suštinski zahtevi člana 3.1 (b) Direktive 2014/53 / EU i bitni zahtevi člana 6. Direktive 2014/30 / EU
- Draft EN 301 489-3 V2.1.1** S Standard za elektromagnetnu kompatibilnost za radio opremu i usluge, Deo 3. specificki uslovi za uredjaje kratkog dometa koji rade na frekvencijama izmedju 9 kHz i 246 gHz ,harmonizovani standard koji pokriva osnovne zahteve clana 3.1(b) Dikrektive 2014

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**Draft ETSI EN 301 489-17** Standard za elektromagnetu kompatibilnost (EMC) za radio opremu i usluge; Deo 17: Posebni uslovi za širokopojasne sisteme za prenos podataka; Harmonizovani standard koji pokriva suštinske zahteve člana 3.1 (b) Direktiva 2014/53  
**V3.2.0**

**EN 62479: 2010** Procena usaglašenosti elektronske i električne opreme male snage sa osnovnim ograničenjima vezanim za izlaganje ljudi elektromagnetnim poljima (10 MHz do 300 GHz)

Standard za elektromagnetu kompatibilnost (EMC) za radio opremu i usluge; Deo 17: Posebni uslovi za širokopojasne sisteme za prenos podataka; Harmonizovani standard koji pokriva suštinske zahteve člana 3.1 (b) Direktiva 2014/53 / EU

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## **EU Deklaracija o usaglašenosti** **Priložena lista**

Broj dokumenta: 2020 / 9C1-4011853-EN-00

### **Lista proizvoda**

AC25497	ST8E-0.6M-8W-840-EM(O17814)
AC25498	ST8E-0.6M-8W-865-EM(O17838)
AC25499	ST8E-1.2M-16W-840-EM(O17852)
AC25500	ST8E-1.2M-16W-865-EM(O17876)
AC25501	ST8E-1.5M-20W-840-EM
AC25502	ST8E-1.5M-20W-865-EM

# Potvrda o usaglašenosti

## Confirmation of Conformity

Potvrda o usaglašenosti izdata je na osnovu člana 10. Pravilnika o elektromagnetskoj kompatibilnosti ("Službeni glasnik RS", br. 25/2016).

*Confirmation of Conformity is issued according to Article 10 of the Rulebook on electromagnetic compatibility ("Official Gazette RS", No. 25/2016).*

**Broj:** PU001618  
*Number:*

Projekat broj: C20183033  
*Project file:*

**Naručilac:** LEDVANCE EOOD  
*Applicant:*  
Admirala Vukovića 32  
11000 Beograd, Srbija

**Proizvod:** Double-capped LED Lamps  
*Product:*

**Tipska oznaka:** SubstiTUBE Entry ST8E - AC  
*Type reference:*

Trgovačka marka: OSRAM  
*Trademark:*

Proizvođač: LEDVANCE Lighting Co., Ltd, No.1-1 Industrial Road (North), Chancheng District, Foshan, Guangdong, China  
*Manufacturer:*

Na osnovu pregleda dokumentacije, potvrđuje se, da proizvod zadovoljava bitne zahteve Pravilnika o elektromagnetskoj kompatibilnosti ("Službeni glasnik RS", br. 25/2016).

*Based on the review of the documentation, it is confirmed that the product meets the essential requirements of the Rulebook on electromagnetic compatibility ("Official Gazette RS", No. 25/2016).*

Ova potvrda primenjuje se na identične proizvode i ostaje na snazi za period od pet (5) godina do 2023-11-06. Sve nastale promene u specifikaciji, tipskoj oznaci, komponentama, električnim karakteristikama proizvoda koji utiču na usaglašenost sa navedenim pravilnikom, moraju se prijaviti SIQ d.o.o. Beograd.

*This confirmation shall apply only to identical products and shall remain valid for the period of five (5) years until 2023-11-06. Any changes in the specification, type reference, components, electrical characteristics of the products that affect the compliance with the aforementioned rulebook shall be reported to SIQ d.o.o. Belgrade.*

Datum: 2018-11-06  
*Date:*

Pečat i potpis ovlašćene osobe: Dušan Mijuca

*Stamp and authorized signature:*



Dozvoljeno je samo integralno objavljivanje Potvrde o usaglašenosti. Ova potvrda se može reprodukovati u celosti i bez ikakvih promena. Na zahtev SIQ d.o.o. Beograd će dati informacije o važnosti potvrde.

*Only integral publication of Confirmation of Conformity is allowed. This confirmation may only be reproduced in its entirety and without any changes. On request SIQ d.o.o. Belgrade will give information about the validity of the confirmation.*

# Potvrda o usaglašenosti

## Confirmation of Conformity

Broj: PU001618

Number:

Detaljni rezultati ispitivanja navedeni su u izveštaju o ispitivanju (izdavalac, broj, datum):  
The applied standards and detailed test results are listed in the test report (issuer, number, date):

DEKRA Testing and Certification (Shanghai) Ltd. Guangzhou Branch, Building A3, No.3 Qiyun Road, Science City, Guangzhou Hi-Tech Industrial Development Zone, Guangzhou, P.R. China, 4337774.50, 2018-04-08

Primenjeni standard:

Applied standard:

SRPS EN 55015:2014+A1:2015,  
SRPS EN 61547:2012,  
SRPS EN 61000-3-2:2014,  
SRPS EN 61000-3-3:2014

Karakteristike proizvoda:

Product ratings:

220-240 V; 50/60 Hz; 8/16/20 W

Dodatne informacije:

Additional information:

ST8E-0.6m-8W-840-AC: 8W, 68 mA, 4000 K  
ST8E-0.6m-8W-865-AC: 8W, 68 mA, 6500 K  
ST8E-1.2m-16W-840-AC: 16W, 126 mA, 4000 K  
ST8E-1.2m-16W-865-AC: 16W, 126 mA, 6500 K  
ST8E-1.5m-20W-840-AC: 20W, 160 mA, 4000 K  
ST8E-1.5m-20W-865-AC: 20W, 160 mA, 6500 K

Datum: 2018-11-06  
Date:

Pečat i potpis ovlašćene osobe: Dušan Mijuca  
Stamp and authorized signature:



# Potvrda o usaglašenosti

## Confirmation of Conformity

Potvrda o usaglašenosti izdata je na osnovu člana 13. Pravilnika o električnoj opremi namenjenoj za upotrebu u okviru određenih granica napona („Službeni glasnik RS”, broj 25/16).

*Confirmation of Conformity is issued according to Article 13 of the Rulebook on electrical equipment intended for use within certain voltage limits (“Official Gazette RS”, No. 25/2016).*

**Broj:** PU001818  
*Number:*

**Projekat broj:** C20183033  
*Project file:*

**Naručilac:** LEDVANCE EOOD  
*Applicant:*  
Admirala Vukovića 32  
11000 Beograd, Srbija

**Proizvod:** Double-capped LED Lamps  
*Product:*

**Tipska oznaka:** SubstiTUBE Entry ST8E - AC  
*Type reference:*

Trgovačka marka: OSRAM  
*Trademark:*

**Proizvođač:** LEDVANCE Lighting Co., Ltd, No.1-1 Industrial Road (North), Chancheng District, Foshan, Guangdong, China  
*Manufacturer:*

Na osnovu pregleda dokumentacije, potvrđuje se, da proizvod zadovoljava bitne zahteve Pravilnika o električnoj opremi namenjenoj za upotrebu u okviru određenih granica napona („Službeni glasnik RS”, br. 25/2016).

*Based on the review of the documentation, it is confirmed that the product meets the essential requirements of the Rulebook on electrical equipment intended for use within certain voltage limits (“Official Gazette RS”, No. 25/2016).*

Ova potvrda primenjuje se na identične proizvode i ostaje na snazi za period od pet (5) godina do 2023-11-06. Sve nastale promene u specifikaciji, tipskoj oznaci, komponentama, električnim karakteristikama proizvoda koji utiču na usaglašenost sa navedenim pravilnikom, moraju se prijaviti SIQ d.o.o. Beograd.

*This confirmation shall apply only to identical products and shall remain valid for the period of five (5) years until 2023-11-06. Any changes in the specification, type reference, components, electrical characteristics of the products that affect the compliance with the aforementioned rulebook shall be reported to SIQ d.o.o. Belgrade.*

Datum: 2018-11-06  
*Date:*

Pečat i potpis ovlašćene osobe: Dušan Mijuca  
*Stamp and authorized signature:*



Dozvoljeno je samo integralno objavljivanje Potvrde o usaglašenosti. Ova potvrda se može reprodukovati u celosti i bez ikakvih promena. Na zahtev SIQ d.o.o. Beograd će dati informacije o važnosti potvrde.

*Only integral publication of Confirmation of Conformity is allowed. This confirmation may only be reproduced in its entirety and without any changes. On request SIQ d.o.o. Belgrade will give information about the validity of the confirmation.*

# Potvrda o usaglašenosti

## Confirmation of Conformity

Broj:  
Number:

PU001818

Detaljni rezultati ispitivanja navedeni su u izveštaju o ispitivanju (izdavalac, broj, datum):  
*The applied standards and detailed test results are listed in the test report (issuer, number, date):*

DEKRA Testing and Certification (Shanghai) Ltd. Guangzhou Branch, Building A3, No.3 Qiyun  
Road, Science City, Guangzhou Hi-Tech Industrial Development Zone, Guangzhou, P.R. China  
4337773.51, 08.04.2018  
4337293.50, 08.04.2018

Primenjeni standard:  
*Applied standard:*

SRPS EN 62776:2017  
SRPS EN 62493:2016  
SRPS EN 62471:2010

Karakteristike proizvoda:  
*Product ratings:*

220-240 V; 50/60 Hz; 8/16/20 W, ta 45°C, for dry location use only

Dodatne informacije:  
*Additional information:*

ST8E-0.6m-8W-840-AC: 8W, 68 mA, 4000 K  
ST8E-0.6m-8W-865-AC: 8W, 68 mA, 6500 K  
ST8E-1.2m-16W-840-AC: 16W, 126 mA, 4000 K  
ST8E-1.2m-16W-865-AC: 16W, 126 mA, 6500 K  
ST8E-1.5m-20W-840-AC: 20W, 160 mA, 4000 K  
ST8E-1.5m-20W-865-AC: 20W, 160 mA, 6500 K

Datum: 2018-11-06  
Date:

Pečat i potpis ovlašćene osobe: Dušan Mijuca  
*Stamp and authorized signature:*

