

EU Declaration of Conformity

OSRAM

Document number: 2017 / 9C1-3599415-EN-00
Manufacturer or representative: OSRAM GmbH
Address: Marcel-Breuer-Str. 6
80807 München
Germany
Brand name or trade mark: OSRAM
Product type: Control Units for Luminaires with radio communication interface
Product designation: ENCELUM Wireless Devices
☒ See attached list

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

- | | |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> 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) |
| <input checked="" type="checkbox"/> 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 |
| <input checked="" type="checkbox"/> 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 |
| <input checked="" type="checkbox"/> 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 |
| <input checked="" type="checkbox"/> 2014/53/EU | 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: 17

Place and date of signatures: Garching, 22-11-2017

			
DS QM EMEA S. Sennert			
Signatures:	Quality Management	Quality Laboratory	
Names:	Sennert Stephan	Barbisan Roberto	

Customer service contact: OSRAM GmbH, Berliner Allee 65, 86153 Augsburg, Germany

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.

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.

- ☒ **EN 60950-1: 2006** Information technology equipment - Safety - Part 1: General requirements
+A1:2010 +A2:2013

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.

- ☒ **EN 55032: 2015** Electromagnetic compatibility of multimedia equipment - Emission Requirements
- ☒ **EN 55024: 2010 + A1:2015** Information technology equipment - Immunity characteristics - Limits and methods of measurement

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

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.

- ☒ **ETSI EN 301 489-1 V2.2.0** Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
- ☒ **EN 301 489-17: V.3.2.0** Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems
- ☒ **EN 300 328: V.2.1.1** 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

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Attached list

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Product basic code:

List of products

EN-WM-ZB-P3D	(Wireless Manager-White)
EN-WS-2B-ZB-WH	(Wireless 2 Button Switch Wall station - White)
EN-WS-SC3-ZB-WH	(Wireless 3 Scene Control Wall station - White)
EN-WS-ZC3-ZB-WH	(Wireless 3 Zone Control Wall station – White)
EN-WS-SC5-ZB-WH	(Wireless 5 Scene Control Wall station – White)
EN-WS-ZC6-ZB-WH	(Wireless 6 Zone Control Wall station – White)
EN-SMK-ZB-WH	(Wall Station Surface Mount Kit – White)
EN-SCPPH-0450-ZB	(Ceiling Mounted Wireless Sensor with Photocell, 450 square feet)
EN-SCPPH-1500-ZB	(Ceiling Mounted Wireless Sensor with Photocell, 1500 square feet)
EN-SCPPH-HB-ZB	(Wireless highbay sensor)

