



# EU Declaration of Conformity

We,  
Innr Lighting B.V.  
IBRS 1232, 1200 WB, The Netherlands

declare under our sole responsibility for the product(s):

Model Number	Description
RB 255 C	Zigbee 3.0 E14 Candle, RGBW
RS 232 C	Zigbee 3.0 GU10 Spotlight, RGBW

that the designated product(s) is/are in conformity with the essential requirements of the following European Directives, by compliance with the following Harmonised Standards and other specifications referred to by those Directives:

## 2014/53/EU Radio Equipment Directive (RED)

- EN 62560:2012+A1:2015+A11:2019; Self-ballasted LED-lamps for general lighting services by voltages >50 V - Safety specifications
- IEC/TR 62778:2014; Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires
- EN 50663:2017; Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz)
- EN 62479:2010; Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagn. fields (10 MHz to 300 GHz)
- EN 62493:2015+A1:2021; Assessment of lighting equipment related to human exposure to electromagnetic fields
- EN 55015:2019+A11:2020; Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
  - EN 61000-3-2:2019+A1:2021; Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions
  - EN 61000-3-3:2013+A1:2019+A2:2021; EMC - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
- EN 61547:2009; Equipment for general lighting purposes - EMC immunity requirements
  - EN 61000-4-2:2009; EMC - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test
  - EN 61000-4-3:2006+A1:2008+A2:2010; EMC - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
  - EN 61000-4-4:2012; EMC - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test
  - EN 61000-4-5:2006; EMC - Part 4-5: Testing and measurement techn. - Surge immunity test



#### 2014/53/EU Radio Equipment Directive (RED)

- EN 61000-4-6:2009; EMC - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
- EN 61000-4-8:2008; EMC - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test
- EN 61000-4-11:2004; EMC - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests
- ETSI EN 301 489-1 V2.2.3:2019; Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
- ETSI EN 301 489-17 V3.2.4:2020; Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems
- ETSI EN 300 328 V2.2.2:2019; Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques

#### 2009/125/EC Ecodesign Requirements for Energy-related Products (ErP) Directive

- REGULATION (EU) 2017/1369 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2017; setting a framework for energy labelling
- COMMISSION DELEGATED REGULATION (EU) 2019/2015 of 11 March 2019; supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to energy labelling of light sources, amended by COMMISSION DELEGATED REGULATION (EU) 2021/340 of 17 December 2020
- 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, amended by COMMISSION REGULATION (EU) 2021/341 of 23 February 2021

#### 2011/65/EU Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS) Directive, and 2015/863/EU amending Annex II to Directive 2011/65/EU

- EN 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
- IEC 62321-3-1/4/5/6/7-1/7-2/8:2013-2017; Determination of certain substances in electrotechnical products, Parts 3-1, 4, 5, 6, 7-1, 7-2, and 8

The CE mark was first applied in 2023.

Signed:

Rob Timmer  
COO Innr Lighting B.V.  
IBRS 1232, 1200 WB, The Netherlands  
Date: 2023-03-22.