



## 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                                      |
|--------------|--|
| RS 230 C     | ZigBee GU10 retrofit spotlight, RGBW, ZigBee 3.0 |

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 62471:2008; Photobiological safety of lamps and lamp systems
- IEC/TR 62778:2014; Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires
- EN 62493:2015; Assessment of lighting equipment related to human exposure to electromagnetic fields
- EN 62560:2012+A1:2015; Self-ballasted LED-lamps for general lighting services by voltages >50 V - Safety specifications
- ETSI EN 301 489-1 V2.2.0:2017; ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
  - 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
    - 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
  - EN 61547:2009; Equipment for general lighting purposes - EMC immunity requirements
    - EN 61000-4-2:2009; Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test
    - EN 61000-4-3:2006+A1:2008+A2:2010; Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
    - EN 61000-4-4:2004+A1:2010; Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test



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

- EN 61000-4-5:2006; Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
- EN 61000-4-6:2009; Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
- EN 61000-4-11:2004; Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests
- ETSI EN 301 489-17 V3.2.0:2017; ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems
- ETSI EN 300 328 V2.1.1:2016; Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
- 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)

#### 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

The CE mark was first applied in 2019.

Signed:

Rob Timmer  
COO Innr Lighting B.V.  
IBRS 1232, 1200 WB, The Netherlands  
Date: 2021-08-30.