



# EU Declaration of Conformity

We,  
Innr Lighting B.V.  
Heuvellaan 50  
1217 JN Hilversum  
The Netherlands

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

Model Number	Description
RB 285 C	ZigBee E27 retrofit bulb, RGBW, gen2 improved driver
BY 285 C	ZigBee B22 retrofit bulb, RGBW, gen2 improved driver

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

## 2014/35/EU Low Voltage Directive (LVD)

- 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

## 2014/30/EU Electro Magnetic Compatibility (EMC) Directive

- 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 61000-4-2:2009; Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test



### 2014/30/EU Electro Magnetic Compatibility (EMC) Directive

- 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
- 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
- EN 61547:2009; Equipment for general lighting purposes - EMC immunity requirements
- 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 303 446-1 V1.1.0: 2017; ElectroMagnetic Compatibility (EMC) standard for combined and/or integrated radio and non-radio equipment; Part 1: Requirements for equipment intended to be used in residential, commercial and light industry locations

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

- 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

- Commission Regulation (EC) 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
- Commission Delegated Regulation (EU) No 874/2012 of 12 July 2012; supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of electrical lamps and luminaires

### 2011/65/EU Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS) Directive

- EN 50581:2012 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 2016.



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Signed:

A handwritten signature in blue ink, appearing to read 'Rob Timmer', is written over a horizontal line.

Rob Timmer  
COO Innr Lighting B.V.  
Heuvellaan 50  
1217 JN Hilversum, The Netherlands  
Date: 2018-06-01.