



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
BG 110 v2	ZigBee bridge with JN5168 chip replaced by JN5169 chip, connected by Ethernet cable to a WiFi router, bridging LAN to ZigBee devices.

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 62368-1:2014+A11:2017; Audio/video, information and communication technology equipment - Part 1: Safety requirements

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 55022:2011; Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
 - 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
 - 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 61000-4-4:2012; 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

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

- 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

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 62311:2008; Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz-300 GHz)

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

- Commission Regulation (EC) No 278/2009 of 06 April 2009; implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies
 - Note: 2005/32/EC, amended by directive 2008/28/EC, is the predecessor of 2009/125/EC

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 2017.

Signed:



Rob Timmer
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Date: 2017-05-01.