



# 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
BG 220	Zigbee – WiFi Bridge with USB Power Adapter

that the designated product(s) is/are in conformity with the relevant statutory requirements, by compliance with the following designated standards and other specifications:

## The Radio Equipment Regulations

- BS EN 62368-1:2014+A11:2017; Audio/video, information and communication technology equipment - Part 1: Safety requirements
- BS 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)
- ETSI EN 301 489-1 V2.2.3:2019; ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
  - BS EN 55032:2015; Electromagnetic compatibility of multimedia equipment - Emission Requirements
    - BS EN 61000-3-2:2019; Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions
    - BS EN 61000-3-3:2013+A1:2019; Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
  - BS EN 55035:2017+A11:2020; Electromagnetic compatibility of multimedia equipment - Immunity requirements
    - BS EN 61000-4-2:2009; Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test
    - BS 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
    - BS EN 61000-4-4:2012; Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test
    - BS EN 61000-4-5:2014+A1:2017; Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test



### The Radio Equipment Regulations

- BS EN 61000-4-6:2009; Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
- BS 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 V3.2.4:2020; 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

### The RoHS Regulations

- BS 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 UKCA mark was first applied in 2021.

Signed:

A handwritten signature in blue ink, appearing to read "Rob Timmer".

Rob Timmer  
COO Innr Lighting B.V.  
IBRS 1232, 1200 WB, The Netherlands  
Date: 2021-07-31.