



# 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
FL 130 C	ZigBee 4m flexible LED Strip, RGBW, with Control Box v2 and power supply

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 60598-1:2015; Luminaires - Part 1: General requirements and tests
- EN 60598-2-1:1989; Luminaires – Part 2-1: Particular requirements - Specification for fixed general purpose luminaires
- EN 60598-2-20:2015; Luminaires - Part 2-20: Particular requirements - Lighting chains
- EN 62031:2008+A1:2013; LED modules for general lighting - Safety specifications
- EN 62493:2010; Assessment of lighting equipment related to human exposure to electromagnetic fields

## 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 55032:2015; Electromagnetic compatibility of multimedia equipment - Emission Requirements
  - EN 55024:2010+A1:2015; Information technology equipment - Immunity characteristics - Limits and methods of measurement
  - EN 55035:2017 (Draft); Electromagnetic compatibility of multimedia equipment - Immunity requirements
  - 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



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

- 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 61000-4-5:2014; Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
- EN 61000-4-6:2014; 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
- ETSI EN 300 440-1 V2.1.1:2017; Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range
- 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 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
- IEC 62321:2013; Electrotechnical products - Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers)



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The CE mark was first applied in 2018.

Signed:

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

Rob Timmer  
COO Innr Lighting B.V.  
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1217 JN Hilversum, The Netherlands  
Date: 2018-03-01.