



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
PL 110	ZigBee Puck Lights 5x, warm white, with Control Box 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:

2006/95/EC Harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits (Low Voltage Directive / LVD) Directive

- EN 60598-1:2008+A11:2009; 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 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

2004/108/EC Electro Magnetic Compatibility (EMC) Directive

- ETSI EN 301 489-1 V1.9.2:2011-09; ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
 - EN 55015:2013; Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
 - EN 55022:2010; 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 61000-4-2:2008; Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test



2004/108/EC Electro Magnetic Compatibility (EMC) Directive

- EN 61000-4-3:2006+A1:2007+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 61000-4-5:2005; Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
- EN 61000-4-6:2008; Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
- EN 61000-4-8:2009; Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test
- 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 V2.2.1:2012-09; ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems

1999/5/EC Radio & Telecommunications Terminal Equipment (R&TTE) Directive

- ETSI EN 300 328 V1.7.1:2006-10; 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 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 62321:2008; Electrotechnical products - Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers)

The CE mark was first applied in 2015.



Signed:

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

Rob Timmer
COO Innr Lighting B.V.
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1217 JN Hilversum, The Netherlands
Date: 2015-10-01.