



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 v2	ZigBee Puck Lights 5x, warm white, with Control Box v2 and power supply
PL 115 v2	ZigBee Puck Lights 3x, warm white, with Control Box v2 and power supply
PL 110 puck	Accessory: single ZigBee Puck Light, warm white

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 61347-1:2015; Lamp controlgear - Part 1: General and safety requirements
- EN 61347-2-13:2014/AMD1:2016; Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules
- EN 62031:2008+A1:2013+A2:2015; LED modules for general lighting - Safety specifications
- EN 62471:2008; Photobiological safety of lamps and lamp systems
- 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 V2.1.1:2017; 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



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

- EN 61547:2009; Equipment for general lighting purposes - EMC immunity requirements
- EN 61000-4-2:2009; Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test
- EN 61000-4-3:2006+A1:2007+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 61000-4-5:2014; Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
- EN 61000-4-6:2014/AC:2015; Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
- EN 61000-4-8:2010; 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
- 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 301 489-3 V1.6.1:2013; Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz
- ETSI EN 300 440 V2.1.1:2017; Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range

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 + 2015/863/EU Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS) Directive

- EN 63000:2018; Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances



2011/65/EU + 2015/863/EU Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS) Directive

- 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 light blue horizontal line.

Rob Timmer
COO Innr Lighting B.V.
Heuvellaan 50
1217 JN Hilversum, The Netherlands
Date: 2019-12-19.