



## EU 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
OLS 210	Outdoor String Light, warm white, with Zigbee IZCB v2.0 and power supply
OLS 210 Ex	Accessory: Outdoor String Light extension x meter, 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 Harmonised Standards and other specifications related to those Directives:

### 2014/53/EU Radio Equipment Directive (RED)

- EN 60529:1989+A1:1999+A2:2013; Degrees of protection provided by enclosures (IP Code)
- EN 60598-1:2021+A11:2022; Luminaires - Part 1: General requirements and tests
- EN 60598-2-20:2015; Luminaires - Part 2: Particular requirements - Section 20: Lighting chains
- EN 61347-1:2015+A1:2021; Lamp controlgear - Part 1: General and safety requirements
- EN 61347-2-11:2001+A1:2019; Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
- EN 61347-2-13:2014+A1:2017; Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules
- EN 62493:2015+A1:2022; Assessment of lighting equipment related to human exposure to electromagnetic fields
- EN 50075:1990; Plugs for household and similar general purposes - Flat non-rewirable plugs, 2,5 A 250 V with cord for Class II equipment
- DIN VDE 0620-2-1:2016+A1:2017; Plugs and socket-outlets for household and similar purposes Part 2-1: General requirements on Plugs and portable socket-outlets, in conjunction with DIN VDE 0620-1:2010; Part 1: General requirements
- AfPS GS 2019:01 PAK; Product Safety Commission (AfPS), GS Specification, Testing and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the awarding of GS Marks
- BS 1363-1:2016+A1:2018; 13 A plugs, socket-outlets, adaptors and connection units. Specification for rewirable and non-rewirable 13 A fused plugs
- BS 1363-3:2016+A1:2018; 13 A plugs, socket-outlets, adaptors and connection units. Specification for adaptors
- ETSI EN 301 489-1 V2.2.3:2019; ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility



#### 2014/53/EU Radio Equipment Directive (RED)

- EN 55015:2019+A11:2020; Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
  - EN 61000-3-2:2019+A1:2021; Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions
  - EN 61000-3-3:2013+A1:2019+A2:2021; Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
- 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 61000-4-3:2020; Electromagn. compat. (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+A1:2017; Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
  - EN 61000-4-6:2014; Electromagn. compat. (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
  - EN 61000-4-8:1993+A1:2001; Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test
  - EN 61000-4-11:2020; Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests
- ETSI EN 301 489-3 V2.1.1:2019; ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
- ETSI EN 301 489-17 V3.2.4:2020; ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility
- ETSI EN 300 328 V2.2.2:2019; Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
- 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; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

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

- REGULATION (EU) 2017/1369 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2017; setting a framework for energy labelling
- COMMISSION DELEGATED REGULATION (EU) 2019/2015 of 11 March 2019; supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to energy labelling of light sources, amended by COMMISSION DELEGATED REGULATION (EU) 2021/340 of 17 December 2020



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

- COMMISSION REGULATION (EU) 2019/2020 of 1 October 2019; laying down ecodesign requirements for light sources and separate control gears pursuant to Directive 2009/125/EC of the European Parliament and of the Council, amended by COMMISSION REGULATION (EU) 2021/341 of 23 February 2021

#### **2011/65/EU Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (RoHS) Directive, and 2015/863/EU amending Annex II to Directive 2011/65/EU**

- 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 CE mark was first applied in 2024.

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: 2024-01-22.