

# EC-Declaration of Conformity



Document number : INV-20160101-05  
Manufacturer: INVENTRONICS sp. z o.o.  
Address : ul. Kuziennicza 10D,  
59-400 Jawor, Poland  
Brand name or trade mark : LEDECCO  
Product type: LED light source  
Product designation: ES111 (see attached list)

The designated product(s) is (are) in conformity with the provisions of the following European Directives.

<input checked="" type="checkbox"/>	<b>2006/95/EC</b> and amendments	Directive of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits
<input checked="" type="checkbox"/>	<b>2004/108/EC</b> and amendments	Directive of the European Parliament and of the Council of 15 September 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility
<input checked="" type="checkbox"/>	<b>2009/125/EC</b> and amendments	Directive of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products
<input type="checkbox"/>	<b>244/2009</b> and amendments	Commission Regulation (EC ) implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for nondirectional household lamp
<input checked="" type="checkbox"/>	<b>1194/2012</b> and amendments	Commission Regulation (EU) 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
<input checked="" type="checkbox"/>	<b>874/2012</b> and amendments	Commission Regulation (EU) supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labeling of electrical lamps and luminaires
<input checked="" type="checkbox"/>	<b>2011/65/EU</b> and amendments	Directive of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Further information regarding compliance with these Directives is given in the **annex** which constitutes a part of this declaration.

Last two digits of the year in which the CE was fixed: 16  
Place and date of signature: Jawor, January 01, 2016

Signature:

  
General Manager

Name: Robert Postuła

This declaration of conformity is issued under the sole responsibility of the manufacturer or representative. It certifies compliance with the indicated Directives, but implies no warranty of properties.

# EC-Declaration of Conformity

## Annex

Document number: INV-20150101-05

The conformity of the designated product(s) with the provisions of the European Directive **2006/95/EC** is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

<input type="checkbox"/>	<b>EN 60155:</b> 1995 + A1:1995 + A2:2007	Glow-starters for fluorescent lamps
<input type="checkbox"/>	<b>EN 60432-1:</b> 2000 + A1:2005 + A2:2012	Incandescent lamps — Safety specifications — Part 1: Tungsten filament lamps for domestic and similar general lighting purposes
<input type="checkbox"/>	<b>EN 60432-2:</b> 2000 + A1:2005 + A2:2012	Incandescent lamps — Safety specifications — Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes
<input type="checkbox"/>	<b>EN 60432-3:</b> 2013	Incandescent lamps — Safety specifications — Part 3: Tungsten halogen lamps (non-vehicle)
<input type="checkbox"/>	<b>EN 60598-1:</b> 2008 + A11:2009	Luminaires — Part 1: General requirements and tests
<input type="checkbox"/>	<b>EN 60598-2-1:</b> 1989	Luminaires — Part 2-1: Particular requirements — Fixed general purpose luminaires
<input type="checkbox"/>	<b>EN 60598-2-2:</b> 2012	Luminaires — Part 2-2: Particular requirements — Recessed luminaires
<input type="checkbox"/>	<b>EN 60598-2-3:</b> 2003 + A	Luminaires — Part 2-3: Particular requirements — Luminaires for road and street lighting
<input type="checkbox"/>	<b>EN 60598-2-4:</b> 1997	Luminaires — Part 2-4: Particular requirements — Portable general purpose luminaires
<input type="checkbox"/>	<b>EN 60598-2-5:</b> 1998	Luminaires — Part 2-5: Particular requirements — Floodlights
<input type="checkbox"/>	<b>EN 60598-2-6:</b> 1994 + A1:1997	Luminaires — Part 2-6: Particular requirements — Luminaires with built-in transformers for filament lamps
<input type="checkbox"/>	<b>EN 60598-2-7:</b> 1989 + A2:1996 + A13:1997	Luminaires — Part 2-7: Particular requirements — Portable luminaires for garden use
<input type="checkbox"/>	<b>EN 60598-2-8:</b> 2013	Luminaires — Part 2-8 : Particular requirements — Handlamps
<input type="checkbox"/>	<b>EN 60598-2-10:</b> 2003	Luminaires — Part 2-10: Particular requirements — Portable luminaires for children
<input type="checkbox"/>	<b>EN 60598-2-12:</b> 2013	Luminaires — Part 2-12: Particular requirements — Mains socket-outlet mounted nightlights
<input type="checkbox"/>	<b>EN 60598-2-13:</b> 2006 + A1:2012	Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires
<input type="checkbox"/>	<b>EN 60598-2-20:</b> 2010	Luminaires — Part 2-20: Particular requirements — Lighting chains

<input type="checkbox"/>	<b>EN 60598-2-22:</b> 1998 + A1:2003 + A2:2008	Luminaires — Part 2-22: Particular requirements — Luminaires for emergency lighting
<input type="checkbox"/>	<b>EN 60968:</b> 2013	Self-ballasted lamps for general lighting services — Safety requirements
<input type="checkbox"/>	<b>EN 61195:</b> 1999 + A1:2013	Double-capped fluorescent lamps — Safety specifications
<input type="checkbox"/>	<b>EN 61199:</b> 2011 + A1:2013	Single-capped fluorescent lamps — Safety specifications
<input type="checkbox"/>	<b>EN 60598-2-12:</b> 2013	Luminaires — Part 2-12: Particular requirements — Mains socket outlet mounted nightlights
<input type="checkbox"/>	<b>EN 61347-1:</b> 2008 + A1:2011 + A2:2013	Lamp controlgear — Part 1: General and safety requirements
<input type="checkbox"/>	<b>EN 61347-2-1.</b> <b>2001 +</b> Corrigendum:2003 + A1:2006 + Corrigendum:2006 Corrigendum:2010	Lamp controlgear — Part 2-1: Particular requirements for starting devices (other than glow starters)
<input type="checkbox"/>	<b>EN 61347-2-2:</b> 2012	Lamp controlgear — Part 2-2: Particular requirements for d. c. or a. c. supplied electronic step-down convertors for filament lamps
<input type="checkbox"/>	<b>EN 61347-2-3:</b> 2011	Lamp controlgear — Part 2-3: Particular requirements for a. c. supplied electronic ballasts for fluorescent lamps
<input type="checkbox"/>	<b>EN 61347-2-7:</b> 2012	Lamp controlgear — Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)
<input type="checkbox"/>	<b>EN 61347-2-8:</b> 2001 + Corrigendum:2003 + A1:2006 + Corrigendum:2010	Lamp controlgear — Part 2-8: Particular requirements for ballasts for fluorescent lamps
<input type="checkbox"/>	<b>EN 61347-2-9:</b> 2013	Lamp controlgear — Part 2-8: Particular requirements for ballasts for fluorescent lamps
<input type="checkbox"/>	<b>EN 61347-2-10:</b> 2001 + A1:2009 + Corrigendum:2010	Lamp controlgear — Part 2-10: Particular requirements for electronic invertors and convertors for high-frequency operation of cold start tubular discharge lamps (neon tubes)
<input type="checkbox"/>	<b>EN 61347-2-11:</b> 2001 + Corrigendum:2002 + Corrigendum:2010	Lamp controlgear — Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
<input type="checkbox"/>	<b>EN 61347-2-12:</b> 2005 + A1:2010	Lamp controlgear — Part 2-12: Particular requirements for d. c. or a. c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)
<input type="checkbox"/>	<b>EN 61347-2-13:</b> 2006	Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied electronic controlgear for LED modules
<input type="checkbox"/>	<b>EN 61549:</b> 2003 + A1:2005 + A2:2010 + A3:2012	Miscellaneous lamps
<input type="checkbox"/>	<b>EN 62031:</b> 2008 + A1:2013	LED modules for general lighting — Safety specifications
<input type="checkbox"/>	<b>EN 62034:</b> 2012	Automatic test systems for battery powered emergency escape lighting
<input type="checkbox"/>	<b>EN 62035:</b> 2000 + A1:2003 + A2:2012	Discharge lamps (excluding fluorescent lamps)-Safety specifications

<input checked="" type="checkbox"/>	<b>EN 62493:</b> 2010	Assessment of lighting equipment related to human exposure to electromagnetic fields
<input type="checkbox"/>	<b>EN 62532:</b> 2011	Fluorescent induction lamps — Safety specifications
<input checked="" type="checkbox"/>	<b>EN 62560:</b> 2012	Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications
<input type="checkbox"/>	<b>EN 62776:</b> 2015	Double-capped LED lamps for general lighting services — Safety specifications
<input checked="" type="checkbox"/>	<b>EN 62471:</b> 2008	Photobiological safety of lamps and lamp systems

The conformity of the designated product(s) with the provisions of the European Directive **2004/108/EC** is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

<input checked="" type="checkbox"/>	<b>EN 55015:</b> 2013	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
<input checked="" type="checkbox"/>	<b>EN 61000-3-2:</b> 2006 + A1:2009 + A2:2009	Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
<input checked="" type="checkbox"/>	<b>EN 61000-3-3:</b> 2013	Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subjected to conditional connection
<input checked="" type="checkbox"/>	<b>EN 61547:</b> 2009	Equipment for general lighting purposes — EMC immunity requirements

The conformity of the designated product(s) with the provisions of the European Directive **2011/65/EU** is given by the compliance with the following European Standard(s) or other specifications. If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

<input checked="" type="checkbox"/>	<b>EN 50581:</b> 2012	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
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# EC-Declaration of Conformity

## Attached list

Document number: INV-20160101-05

<b>CODE</b>	<b>INDEX</b>	<b>EAN</b>
ES111W650WWD	ES111 650LM 10W 3000K 100* WHITE DIMMABLE	5902020153283
ES111W650WSD	ES111 650LM 10W 3000K 100* SILVER DIMMABLE	5903240710645
ES111W650WGD	ES111 650LM 10W 3000K 100* GRAPHITE DIMMABLE	5902020153542
ES111N700WWD	ES111 700LM 10W 4000K 100* WHITE DIMMABLE	5903240710676
ES111N700WSD	ES111 700LM 10W 4000K 100* SILVER DIMMABLE	5903240710652
ES111N700WGD	ES111 700LM 10W 4000K 100* GRAPHITE DIMMABLE	5903240710669
ES111W800WWD	ES111 800LM 15W 3000K 100* WHITE DIMMABLE	5903240710706
ES111W800WSD	ES111 800LM 15W 3000K 100* SILVER DIMMABLE	5903240710713
ES111W800WGD	ES111 800LM 15W 3000K 100* GRAPHITE DIMMABLE	5903240710737
ES111W1000MWD	ES111 1000LM 15W 3000K 36* WHITE DIMMABLE	5902020153412
ES111W1000MSD	ES111 1000LM 15W 3000K 36* SILVER DIMMABLE	5902020153375
ES111W1000MGD	ES111 1000LM 15W 3000K 36* GRAPHITE DIMMABLE	5902020153399