

EU Declaration of Conformity

Product designation: LED Driver

LNBC20W500LRP

These designated products are in conformity with the provisions of the following European Directive.

2001/95/EC and amendments

- Directive 2001/95/EC of the European Parliament and of the Council of 3 December 2001 on general product safety.

2011/65/EU and amendments

- Directive 2011/65/EU 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.

2014/30/EU and amendments

- Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the armonization of the laws of the Member States relating to electromagnetic compatibility.

2014/35/EU and amendments

- Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the armonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.

2009/125/EC and amendments

- Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of eco design requirements for energy-related products.

They have been tested with the following harmonised standards:

EN 61347-1:2015

- Lamp control gear – Part1 : General and safety requirements.

EN 61347-2-13:2014/A1:2017

- Lamp control gear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic control gear for LED modules.

EN ICE 62384:2020 (E)

- DC or AC supplied electronic control gear for LED modules. Performance requirement.

EN 55015:2019

- Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.

EN 61000-3-2:2019

- Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).

EN 61000-3-3:2013/A1:2019

- 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 ≤ 16A per phase and not subject to conditional connection.

EN 61547:2009

- Equipment for general lighting purposes - EMC immunity requirements.

EN 62493:2015

- Assessment of lighting equipment related to human exposure to electromagnetic fields.

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