

Product designation:

LED Driver

LV100W48VDC, LV100W48VDC-T, LV250W48VDC, LV250W48VDC-T

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

2015/863/EU and amendments

- Directive 2015/863/EU amending Annex II to Directive 2011/65/EU.

2014/30/EU and amendments

- Directive 2014/30/EU of the European parliament and of the council of 26 February 2014 on the harmonization of the laws of the Member states relating to the 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 harmonization 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.

2019/2020/EU and amendments

- Directive 2019/2020/EU of the European parliament and of the council of 01 October 2019 establishing a framework for the setting of eco design requirements for energy-related products.

They have been tested with the following harmonized standards:**EN 61347-1:2015/A1:2021****BS EN 61347-1:2015/A1:2021**

- Lamp control gear-part1:General and safety requirements

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

- Lamp control gear-part2-13:particular requirements for d.c.or.a.c.supplied electronic control gear for LED modules.

EN 62384:2006+A1:2009**BS EN 62384:2006+A1:2009**

- Dc or AC supplied electronic control gear for LED modules.performance requirement.

EN IEC 55015:2019+A11:2020**BS EN IEC 55015:2019+A11:2020**

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

EN IEC 61000-3-2:2019**BS EN IEC 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**BS 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 ≤ 16 A per phase and not subject to conditional connection

EN 61547:2009**BS EN 61547:2009**

- Equipment for general lighting purposes-EMC immunity requirements

EN 62493:2015**BS EN 62493:2015**

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

These designated products are in conformity with (REACH)(EC 1907/2006)

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