

Product designation: LED Driver

LBDC20W500CALR

These designated products are in conformity with the provisions of the following European Directive and tested with the following harmonised standards.

Safety	
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.	
EN 61347-1:2015+A1:2021	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 62493: 2015+A1:2022	Assessment of lighting equipment related to human exposure to electromagnetic fields.

Electromagnetic compatibility	
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.	
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+A1:2021	Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).
EN 61000-3-3:2013+A2:2021	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.

Eco-Design	
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.	
(EU) 2019/2020 and amendments	
The conformity of the designated product(s) with the provisions of this European Directive 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.	
EN IEC 62442-3:2018	Energy performance of lamp controlgear –Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear

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

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