

**Product designation: LED Driver**

LLD20W700CA, LLD30W900CA, LLD40W1050CA, LLD50W1400CA, LLD60W1750CA

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

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| <b>Safety</b>  |   |
| <b>2014/35/EU and amendments</b>   |   |
| 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. |   |
| <b>EN 61347-1:2015+A1:2021</b>   | Lamp control gear – Part1 : General and safety requirements.  |
| <b>EN 61347-2-13:2014+A1:2017</b>  | Lamp control gear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic control gear for LED modules. |
| <b>EN 62493: 2015+A1:2022</b>  | Assessment of lighting equipment related to human exposure to electromagnetic fields.                                     |

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| <b>Electromagnetic compatibility</b>   |  |
| <b>2014/30/EU and amendments</b>   |  |
| 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. |  |
| <b>EN IEC 55015:2019+A11:2020</b>  | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.   |
| <b>EN IEC 61000-3-2:2019+A1:2021</b>   | Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).   |
| <b>EN 61000-3-3:2013+A2:2021</b>   | 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. |
| <b>EN 61547:2009</b>   | Equipment for general lighting purposes - EMC immunity requirements.   |

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| <b>Eco-Design</b>  |  |
| <b>2009/125/EC and amendments</b>  |  |
| 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.  |  |
| <b>(EU) 2019/2020 and amendments</b>   |  |
| 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. |  |
| <b>EN IEC 62442-3:2018</b>   | Energy performance of lamp controlgear –Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear |

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| <b>RoHS</b>   |   |
| <b>2011/65/EU and amendments</b>  |   |
| 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. |   |
| <b>EN IEC 63000:2018</b>  | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances. |

**Manufacturer:** HEP TECH Co., LTD

**Address:** 20 Jingke 7<sup>th</sup> Rd., Nantun Dist. TAICHUNG 408, Taiwan

**Signature:**

Alan Chen / Product Manager



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