



EC-Declaration of Conformity



Manufacturer or representative:	HEP GmbH	Document number:	DoC_SLV_LLASC18W_2016_01
	Ramsloh 10 58579 Schalksmuehle GERMANY	Issue date:	2016-04-04
Distributor:	SLV GmbH	CE marking was affixed (Year):	2016
	Daimlerstr. 21-23 52531 Uebach-Palenberg GERMANY	Trade mark:	SLV (Made by HEP GROUP®)

Product description:	Electronic control gear for LED modules
Type reference:	464400 (LSW1) 464401 (LLASW18W350-Z), 464402 (LLASW18W500-Z), 464403 (LLASW18W700-Z)

This designated product(s) is (are) in conformity with the provisions of the following European Directive and tested with the 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 harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limit.
	EN 61347-1:2008 + A1:2011 + A2:2013	Lamp controlgear – Part1: General and safety requirements
	EN 61347-2-11:2001	Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires (<i>for LSW1</i>)
	EN 61347-2-13:2014	Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules
	EN 62493:2010	Assessment of lighting equipment related to human exposure to electromagnetic fields (<i>only for independent models</i>)

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 harmonisation of the laws of the Member States relating to electromagnetic compatibility.
	EN 55015:2013	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
	EN 61000-3-2:2014	Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
	EN 61000-3-3:2013	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 subject to conditional connection
	EN 61547:2009	Equipment for general lighting purposes - EMC immunity requirements

Eco-Design	2009/125/EC and amendments - CR (EU) No 1194/2012	Directive 2009/125/EC 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.
	EN 62442-3:2014	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 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Signature:	
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