

CERTIFICATE

Issued to:
Applicant:
HEP Tech Co. Ltd.
20 Jingke 7th Rd Nantun Dist
408 Taichung, Taiwan

Licensee:
HEP GmbH
Ramsloh 10
58579 Schalksmühle, Germany

Product : Current controlled independent LED Driver
Trade name(s) : HEP GROUP
Type(s)/model(s) : LEC14W350LR-Z, LEC20W500LR-Z, LEC28W700LR-Z, LEC40W1000LR-Z and LEC8W200LR-Z

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2013493

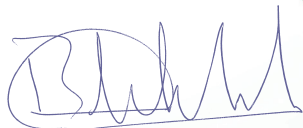
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 9 December 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-111554

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Current controlled independent LED Driver
Trade name(s)	: HEP GROUP
Type(s)/model(s)	: LEC14W350LR-Z, LEC20W500LR-Z, LEC28W700LR-Z, LEC40W1000LR-Z and LEC8W200LR-Z
Rated supply voltage	: 220-240 Vac
Supply frequency	: 50-60 Hz
Power factor	: 0,9C
Rated output voltage	: 25-40 V
Uout	: 55 V
Protection class	: II

Product data – type LEC14W350LR-Z

Supply current	: 75mA
Rated output current	: 350 mA
Rated output power	: 8,8-14 W
Ambient temperature (ta)	: -20...+45 °C
Max. case temperature (tc)	: 75 °C

Product data – type LEC20W500LR-Z

Supply current	: 110 mA
Rated output current	: 500 mA
Rated output power	: 12,5-20 W
Ambient temperature	: -20...+45 °C
Max. case temperature (tc)	: 80 °C

Product data – type LEC28W700LR-Z

Supply current	: 160 mA
Rated output current	: 700 mA
Rated output power	: 17,5-28 W
Ambient temperature (ta)	: -20...+45 °C
Max. case temperature (tc)	: 70 °C

Product data – type LEC40W1000LR-Z

Supply current	: 220 mA
Rated output current	: 1000 mA
Rated output power	: 25-40 W
Ambient temperature (ta)	: -20...+45 °C
Max. case temperature (tc)	: 80 °C

Product data – type LEC8W200LR-Z

Supply current	: 50 mA
Rated output current	: 200 mA
Rated output power	: 5-8 W
Ambient temperature (ta)	: -20...+50 °C
Max. case temperature (tc)	: 75 °C

TESTS**Test requirements**

EN 61347-2-13:2014

EN 61347-2-13:2014/A1:2017
EN 61347-1:2015
EN 62384:2006
EN 62384:2006/A1:2009

Test result

The test results are laid down in DEKRA test file 341537300.

Additional information

The LED controlgear is an independent SELV controlgear for LEDs with constant current. The insulation between primary and secondary is SELV and between primary and housing is considered as double insulation. The controlgear has screwless terminals. The max. enclosure temperature under abnormal or fault conditions is 110°C.

The list of components is laid down at test report 3415373.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

HEP GmbH
Ramsloh 10
58579 Schalksmühle, Germany

Weisen Electronic Co. Ltd.
Sanzao Ind. Park of Zhuhai
Zhuhai City
Guangdong Province, China