

CERTIFICATE

Issued to:
Applicant:
HEP Tech Co. Ltd.
No. 20, Jingke 7th Rd., Nantun Dist.,
408 Taichung City, Taiwan

Licensee:
HEP GmbH
Ramsloh 10
58579 Schalksmühle, Germany

Product : Voltage controlled LED Driver
Trade name(s) : HEP GROUP®
Type(s)/model(s) : LRV15W12P and LRV15W24P

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(s) EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2013493

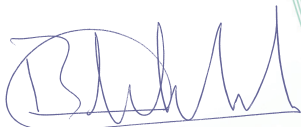
DEKRA hereby grants the right to use the ENEC certification mark.

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

This certificate is issued on 19 July 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-119924

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	: Voltage controlled LED Driver
Trade name(s)	: HEP GROUP®
Type(s)/model(s)	: LRV15W12P and LRV15W24P
Rated supply voltage	: 220-240 V
Nature of supply	: ac
Supply frequency	: 50-60 Hz
Power factor	: 0,9C
Rated supply current	: 100 mA max.
Ambient temperature range (ta)	: -20...+50°C
Max. case temperature (tc)	: 75 °C
Degree of protection	: IP 20
Classification of installation	: built-in

Product data – type LRV15W12P

Rated output voltage	: 12 Vdc
Rated output power	: 0–15 W
Output current range	: 1250 mA max.
Uout	: 13 V max.

Product data – type LRV15W24P

Rated output voltage	: 24 Vdc
Rated output power	: 0–15 W
Output current range	: 625 mA max.
Uout	: 26 V max.

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 62384:2006
EN 62384:2006/A1:2009

Test result

The test results are laid down in DEKRA test file 342381700.

Additional information

The LED controlgear are built-in electronic controlgear with double or reinforced insulation. The drivers are for LEDs with constant voltage. The insulation between primary and secondary is SELV and between primary and housing is considered as reinforced insulation. The controlgear has free lead wires. The max. enclosure temperature under abnormal or fault conditions is 110°C.

The list of components is laid down in test report 3423817.50.

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
511450 Guangdong Province, China