

CERTIFICATE

Issued to:
Applicant:
HEP Tech Co., Ltd.
No. 20, Jingke 7th Rd., Nantun Dist.,
40852 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 thereof as specified in the Annex to this certificate and the documents referred to therein.

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

- a type test according to EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2013493

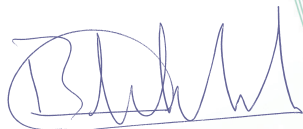
DEKRA hereby grants the right to use the ENEC certification mark.

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 29 May 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-138983

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



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
Supply frequency	: 50-60 Hz
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

Power factor	: 0,35–0,93C
Rated output voltage	: 12 Vdc
Rated output power	: 0–15 W
Output current range	: 1250 mA max.
Uout	: 13 V

Product data – type LRV15W24P

Power factor	: 0,45–0,93C
Rated output voltage	: 24 Vdc
Rated output power	: 0–15 W
Output current range	: 625 mA max.
Uout	: 26 V

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 IEC 62384:2020

Test result

The test results are documented in DEKRA test file 343281700.

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 3432817.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory locations

HEP GmbH
Ramsloh 10
58579 Schalksmühle, Germany

Weisen Electronic Co. Ltd.
No. 3 Yangchun Rd., Jinwan Dist.
519040 Zhuhai City Guangdong, China