

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) : LHV150W24-Z and LHV150W48-Z

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

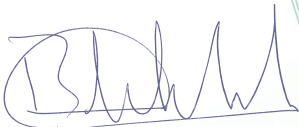
DEKRA hereby grants the right to use the ENEC certification mark.

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

Certificate number: 88-138980

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



M. Triulzi
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)	: LHV150W24-Z and LHV150W48-Z
Rated voltage	: 220-240 V
Rated frequency	: 50-60 Hz
Rated supply current	: 710 mA max.
Rated output power	: 0-150 W
Ambient temperature range (ta)	: -20°C...+50 °C
Max. case temperature (tc)	: 70 °C
Type of protection	: Class I
Degree of protection	: IP 20
Classification of installation	: Independent

Product data – type LHV150W24-Z

Power factor	: 0,12C–0,98
Rated output voltage	: 24 Vdc
Rated output current	: 0-6,25 A
Uout	: 26 V

Product data – type LHV150W48-Z

Power factor	: 0,15C–0,98
Rated output voltage	: 48 Vdc
Rated output current	: 0-3,125 A
Uout	: 49 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 343281600.

Additional information

The LED controlgear are independent Class I SELV controlgear for LEDs with constant voltage. The insulation between primary and secondary is SELV and between primary and housing is considered as basic 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 in test report 3432816.50.

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