

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 : Voltage controlled LED Driver
Trade name(s) : HEP GROUP
Type(s)/model(s) : LHV150W24-Z and LHV150W48-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 61347-1:2015, 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 production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2013493

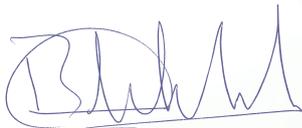
DEKRA hereby grants the right to use the ENEC certification mark.

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 22 November 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-116403

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) | : LHV150W24-Z and LHV150W48-Z |
| Rated voltage | : 220-240 V |
| Rated frequency | : 50-60 Hz |
| Rated supply current | : 710 mA |
| Rated output power | : 0-150 W |
| Power factor | : 0.98 |
| Ambient temperature range (ta) | : -20°C...+50 °C |
| Max. case temperature (tc) | : 70 °C |
| Degree of protection | : IP 20 |
| Type of protection | : Class I |
| Classification of installation | : Independent |

Product data – type LHV150W24-Z

| | |
|----------------------|------------|
| Rated output voltage | : 24 Vdc |
| Rated output current | : 0-6,25 A |

Product data – type LHV150W48-Z

| | |
|----------------------|-------------|
| Rated output voltage | : 48 Vdc |
| Rated output current | : 0-3,125 A |

TESTS**Test requirements**

EN 61347-1:2015
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 342015200.

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 3420152.50.

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