

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 : Current controlled LED Driver
Trade name(s) : HEP GROUP®
Type(s)/model(s) : LSTC7W150LRP, LSTC7W180LRP, LSTC7W200LRP, LSTC7W250LRP,
LSTC7W300LRP, LSTC7W350LRP and LSTC7W500LRP

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

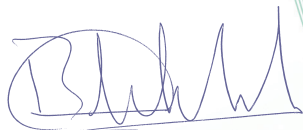
DEKRA hereby grants the right to use the ENEC certification mark.

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 28 August 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-145626

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



S. Lehner
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Current controlled LED Driver
Trade name(s)	: HEP GROUP®
Type(s)/model(s)	: LSTC7W150LRP, LSTC7W180LRP, LSTC7W200LRP, LSTC7W250LRP, LSTC7W300LRP, LSTC7W350LRP and LSTC7W500LRP
Rated supply voltage	: 220-240 V
Supply frequency	: 50-60 Hz
Ambient temperature range (ta)	: -20...+50°C
Max. case temperature (tc)	: 90 °C
Classification of installation	: built-in
Degree of protection	: IP 20

Product data – type LSTC7W150LRP

Rated supply current	: 60 mA
Total circuit power	: 8,3 W
Power factor	: 0,9C–0,95
Rated output current	: 150 mA
Rated output power	: 3,8–6,3 W
Output voltage range	: 25–42 Vdc
Uout	: 50 V

Product data – type LSTC7W180LRP

Rated supply current	: 60 mA
Total circuit power	: 9,6 W
Power factor	: 0,9C–0,95
Rated output current	: 180 mA
Rated output power	: 3,8–7,3 W
Output voltage range	: 21–41 Vdc
Uout	: 50 V

Product data – type LSTC7W200LRP

Rated supply current	: 60 mA
Total circuit power	: 10,4 W
Power factor	: 0,8C–0,95
Rated output current	: 200 mA
Rated output power	: 4,2–8 W
Output voltage range	: 21–40 Vdc
Uout	: 50 V

Product data – type LSTC7W250LRP

Rated supply current	: 60 mA
Total circuit power	: 8,6 W
Power factor	: 0,9C–0,95
Rated output current	: 250 mA
Rated output power	: 4–6,5 W
Output voltage range	: 16–26 Vdc
Uout	: 35 V

Product data – type LSTC7W300LRP

Rated supply current	: 60 mA
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Total circuit power	: 9,5 W
Power factor	: 0,9C–0,95
Rated output current	: 300 mA
Rated output power	: 4,2–7,2 W
Output voltage range	: 14–24 Vdc
Uout	: 35 V

Product data – type LSTC7W350LRP

Rated supply current	: 60 mA
Total circuit power	: 9,6 W
Power factor	: 0,9C–0,95
Rated output current	: 350 mA
Rated output power	: 4,2–7,3 W
Output voltage range	: 12–21 Vdc
Uout	: 35 V

Product data – type LSTC7W500LRP

Rated supply current	: 60 mA
Total circuit power	: 9,2 W
Power factor	: 0,85C–0,95
Rated output current	: 500 mA
Rated output power	: 3,3–6,5 W
Output voltage range	: 6,5–13 Vdc
Uout	: 25 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 343428800.

Additional information

The LED controlgear are built-in electronic controlgear with double or reinforced insulation. The drivers are for LEDs with constant current and is dimmable with a trailing edge dimmer. The insulation between primary and secondary is SELV and between primary and housing is considered as double or reinforced insulation. The controlgears have 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 3434288.50.

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