

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) : LADC45W1050N-T2CH

The product and any acceptable variation thereto as 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 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

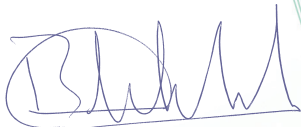
DEKRA hereby grants the right to use the ENEC certification mark.

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 4 January 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-133368

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
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)	: LADC45W1050N-T2CH
Rated supply voltage	: 220-240 Vac
Supply frequency	: 50-60 Hz
Supply current	: 250 mA max.
Power factor	: 0,7C-0,97
Rated output current	: 350-1050 mA
Rated output power	: 7-45 W
Output voltage	: 20-50 Vdc
Uout	: 52 V
Ambient temperature (ta)	: -20...+50 °C
Max. case temperature (tc)	: 80 °C
Degree of protection	: IP20
Classification of installation	: built-in

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 laid down in DEKRA test file 343212700.

Additional information

The LED control gear is a built-in SELV control gear for LEDs with constant output current. The LED control gear can be used inside of luminaires. It is a DALI-2 (DT8) tunable white dimmable LED Driver. The output current is adjustable by NFC function.

The insulation between primary and secondary is SELV. The insulation between DALI and primary circuit is basis insulated and to the secondary circuit is double insulated. The control gear has screwless terminals. The max. enclosure temperature under abnormal or fault conditions 110°C

The list of components is laid down in test report 3432127.50.

Conclusion

The examination proved 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