

# 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 dimmable LED Driver  
Trade name(s) : HEP GROUP®  
Type(s)/model(s) : LTDC25W700NZ-T2CH and LTDC45W1050NZ-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

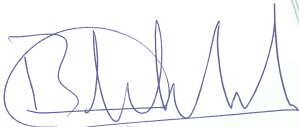
DEKRA hereby grants the right to use the ENEC certification mark.

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 5 February 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-133855

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.L. Schendstok  
Certification Manager

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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Current controlled dimmable LED Driver
Trade name(s)	: HEP GROUP®
Type(s)/model(s)	: LTDC25W700NZ-T2CH and LTDC45W1050NZ-T2CH
Rated supply voltage	: 220-240 Vac
Supply frequency	: 0/50-60 Hz
Ambient temperature (ta)	: -20...+50 °C
Protection Class	: I
Degree of protection	: IP20
Classification of installation	: independent

**Product data – type LTDC25W700NZ-T2CH**

Supply current	: 140 mA
Power factor	: 0,7C–0,97
Rated output current	: 200-700 mA
Rated output power	: 5-25 W
Rated output voltage	: 10-60 Vdc
Uout	: 63 V
Max. case temperature (tc)	: 80 °C

**Product data – type LTDC45W1050NZ-T2CH**

Supply current	: 250 mA
Power factor	: 0,7C–0,97
Rated output current	: 350-1050 mA
Rated output power	: 7-45 W
Rated output voltage	: 20-50 Vdc
Uout	: 52 V
Max. case temperature (tc)	: 80 °C

**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 343214800.

**Additional information**

The LED controlgear is an independent dimmable SELV controlgear with double or reinforced insulation for tuneable white LEDs with constant current. The constant output current can be programmed wirelessly via NFC. The LED controlgear is dimmable with DALI or a separate RF-module. The insulation between primary and secondary is SELV and between primary and housing is considered as double insulation. The insulation between DALI and primary circuit is basis isolated and to the secondary circuit is double or reinforced 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 3432148.50.

**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