

# 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 independent LED Driver  
Trade name(s) : HEP GROUP®  
Type(s)/model(s) : LWTC20W500CALR and LWTC32W800CALR

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

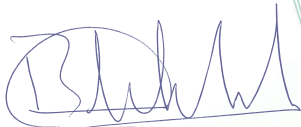
DEKRA hereby grants the right to use the ENEC certification mark.

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: 88-133369

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



R Zhou  
Certification Manager

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

Product	: Current controlled independent LED Driver
Trade name(s)	: HEP GROUP®
Type(s)/model(s)	: LWTC20W500CALR and LWTC32W800CALR
Rated supply voltage	: 220-240 Vac
Supply frequency	: 50-60 Hz
Ambient temperature range (ta)	: -20°C...+35 °C
Protection Class	: II
Degree of protection	: IP 20
Classification of installation	: Independent

**Product data – type LWTC20W500CALR**

Power factor	: 0,7C–0,95
Rated output current	: 250, 350, 500 mA
Rated output power	: 6,3–20 W
Output voltage	: 25-40 Vdc
Uout	: 53 V
Max. case temperature (tc)	: 60 °C

**Product data – type LWTC32W800CALR**

Power factor	: 0,85C–0,95
Rated output current	: 600, 700, 800 mA
Rated output power	: 15-32 W
Output voltage	: 25-40 Vdc
Uout	: 55 V
Max. case temperature (tc)	: 65 °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 343212900.

**Additional information**

The LED control gears are SELV independent electronic control gears for LED modules with a constant current for use with luminaire track system. The control gears are dimmable with a trailing edge dimmer. The output current is selectable by DIP switch. The insulation between primary and secondary is SELV. The max. temperature under abnormal or fault conditions is 110 °C. The LED control gears have black, grey or white colors.

The list of components is laid down in test report 3432129.50.

**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