

# 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) : LTDC50W1500NLRP UNI

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

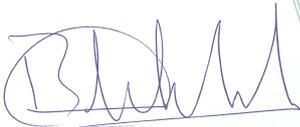
DEKRA hereby grants the right to use the ENEC certification mark.

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

Certificate number: 88-133859

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	: Current controlled dimmable LED Driver
Trade name(s)	: HEP GROUP®
Type(s)/model(s)	: LTDC50W1500NLRP UNI
Rated supply voltage	: 120–277 Vac
Supply frequency	: 50–60 Hz
Total circuit power	: 56,8 W
Rated supply current	: 500 mA
Power factor	: 0,6C–0,95
Rated output current	: 500–1500 mA
Rated output power	: 10–50 W
Output voltage range	: 15–50 Vdc
Uout	: 60 V
Ambient temperature range (ta)	: -20...+50°C
Max. case temperature (tc)	: 85 °C
Degree of protection	: IP 20
Classification of installation	: built-in or independent

**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 343215100.

**Additional information**

The LED controlgear is a SELV controlgear with double or reinforced insulation for LEDs with constant current. The driver is an built-in type, by adding the strain relief the driver can be used as independent type (Class II). The built-in LED controlgear can be used inside of luminaires. The type is potted. It is a DALI-2 (DT6) dimmable LED Driver and the output current is adjustable by NFC function. 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 insulated 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 3432151.50.

**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