

# CERTIFICATE

Issued to:  
Applicant:  
**HEP Tech Co. Ltd.**  
No. 20, Jingke 7th Rd., Nantun Dist.,  
408 Taichung City, Taiwan

Licensee:  
**HEP GmbH**  
Ramsloh 10  
58579 Schalksmühle, Germany

Product : DALI-dimmable constant voltage built-in LED Driver  
Trade name(s) : HEP GROUP®  
Type(s)/model(s) : LADV30W24V and LADV30W24VA

The product and any acceptable variation thereto is 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 the standard EN 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2013493

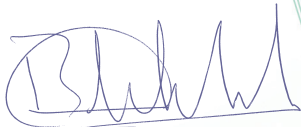
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 21 January 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-116829

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



C. Nitschke  
Certification Manager

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

Product	: DALI-dimmable constant voltage built-in LED Driver
Trade name(s)	: HEP GROUP®
Type(s)/model(s)	: LADV30W24V and LADV30W24VA
Rated input voltage	: 220-240 V
Nature of supply	: ac
Rated frequency	: 50-60 Hz
Supply current	: 160 mA
Power factor	: 0,9C
Temperature range (ta)	: -20...+50°C

**Product data – type LADV30W24V**

Rated output voltage	: 24 Vdc
Rated output current	: 1,25 A max.
Rated output power	: 2,4-30 W
Max. case temperature (tc)	: 80 °C

**Product data – type LADV30W24VA**

Rated output voltage	: 12 / 24 Vdc
Rated output current	: 2,5 / 1,25 A max.
Rated output power	: 2-30 / 4-30 W
Max. case temperature (tc)	: 70 °C

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-2-13:2014  
EN 61347-2-13:2014/A1:2017  
EN 62384:2006  
EN 62384:2006/A1:2009

**Test result**

The test results are laid down in DEKRA test file 342128900.

**Additional information**

The LED controlgear is a built-in SELV controlgear for LEDs with constant output voltage. The LADV30W24V has a constant output voltage of 24 Vdc, the LADV30W24VA has a DIP switch on the secondary side to select a constant output voltage of 12 Vdc or 24 Vdc. The LED controlgear can be used inside of luminaires. The LED controlgear is dimmable with DALI. The insulation between primary and secondary is SELV and between primary/secondary and housing is considered as basic insulation. The insulation between DALI and primary circuit is basis isolated and to the secondary circuit is supplementary 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 3421289.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

HEP GmbH  
Ramsloh 10  
58579 Schalksmühle, Germany

Weisen Electronic Co. Ltd.  
Sanzao Ind. Park of Zhuhai Zhuhai City  
511450 Guangdong Province, China