

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) : LNDC10W120HLRP, LNDC10W150HLRP, LNDC10W200HLRP,
LNDC10W250HLRP, LNDC10W350LLRP, LNDC6W200LLRP,
LNDC6W250HLRP, LNDC6W300HLRP and LNDC6W350LLRP

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

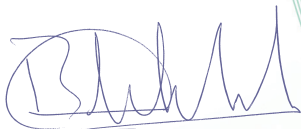
DEKRA hereby grants the right to use the ENEC certification mark.

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

Certificate number: 88-133370

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 LED Driver
Trade name(s)	: HEP GROUP®
Type(s)/model(s)	: LNDC10W120HLRP, LNDC10W150HLRP, LNDC10W200HLRP, LNDC10W250HLRP, LNDC10W350LLRP, LNDC6W200LLRP, LNDC6W250HLRP, LNDC6W300HLRP and LNDC6W350LLRP
Rated input voltage	: 220-240 Vac
Supply frequency	: 50-60 Hz
Ambient temperature range (ta)	: -20...+50°C
Classification of installation	: built-in
Degree of protection	: IP20

Product data – type LNDC10W120HLRP

Power factor	: 0,84–0,86C
Rated output current	: 120 mA
Rated output power	: 3,6-5 W
Output voltage	: 30-42 Vdc
Uout	: 50 V
Max. case temperature (tc)	: 75 °C

Product data – type LNDC10W150HLRP

Power factor	: 0,85–0,87C
Rated output current	: 150 mA
Rated output power	: 4,5–6,3 W
Output voltage	: 30-42 Vdc
Uout	: 50 V
Max. case temperature (tc)	: 75 °C

Product data – type LNDC10W200HLRP

Power factor	: 0,8–0,85C
Rated output current	: 200 mA
Rated output power	: 6–8,4 W
Output voltage	: 30-42 Vdc
Uout	: 50 V
Max. case temperature (tc)	: 75 °C

Product data – type LNDC10W250HLRP

Power factor	: 0,85–0,9C
Rated output current	: 250 mA
Rated output power	: 7–10 W
Output voltage	: 28–40 Vdc
Uout	: 50 V
Max. case temperature (tc)	: 75 °C

Product data – type LNDC10W350LLRP

Power factor	: 0,8–0,9C
Rated output current	: 350 mA
Rated output power	: 4,6–7,3 W
Output voltage	: 13–21 Vdc
Uout	: 30 V

Max. case temperature (tc) : 70 °C

Product data – type LNDC6W200LLRP

Power factor : 0,6–0,8C
Rated output current : 200 mA
Rated output power : 2,4–4 W
Output voltage : 12–20 Vdc
Uout : 26 V
Max. case temperature (tc) : 70 °C

Product data – type LNDC6W250HLRP

Power factor : 0,65–0,85C
Rated output current : 250 mA
Rated output power : 3–5 W
Output voltage : 12–20 Vdc
Uout : 26 V
Max. case temperature (tc) : 70 °C

Product data – type LNDC6W300HLRP

Power factor : 0,75–0,85C
Rated output current : 300 mA
Rated output power : 3,6–6 W
Output voltage : 12–20 Vdc
Uout : 26 V
Max. case temperature (tc) : 70 °C

Product data – type LNDC6W350LLRP

Power factor : 0,65–0,7C
Rated output current : 350 mA
Rated output power : 3–4,4 W
Output voltage : 8,5–12,5 Vdc
Uout : 20 V
Max. case temperature (tc) : 70 °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 343213000.

Additional information

The LED controlgear is a built-in SELV controlgear with double or reinforced insulation for LEDs with constant current. The LED controlgear can be used inside of luminaires. The types are potted. The LED controlgear is dimmable with DALI. 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 free lead wires. The max. enclosure temperature under abnormal or fault conditions is 110°C.

The list of components is laid down in test report 3432130.50.

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