

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) : G6LT10W200LR-Z, G6LT10W250LR-Z, G6LT10W350LR-Z,
G6LT10W500LR-Z, G6LT10W700LR-Z, G6LT15W300LR-Z,
G6LT15W350LR-Z, G6LT15W500LR-Z, G6LT15W700LR-Z, G6LT7W150LR-Z,
G6LT7W350LR-Z, G6LT7W500LR-Z and G6LT7W700LR-Z

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(s) 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

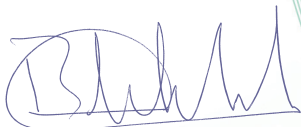
DEKRA hereby grants the right to use the ENEC certification mark.

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 December 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-126276

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
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)	: G6LT10W200LR-Z, G6LT10W250LR-Z, G6LT10W350LR-Z, G6LT10W500LR-Z, G6LT10W700LR-Z, G6LT15W300LR-Z, G6LT15W350LR-Z, G6LT15W500LR-Z, G6LT15W700LR-Z, G6LT7W150LR-Z, G6LT7W350LR-Z, G6LT7W500LR-Z and G6LT7W700LR-Z
Rated supply voltage	: 220–240 V
Nature of supply	: ac
Supply frequency	: 50-60 Hz
Protection class	: class II
Degree of protection	: IP 20
Classification of installation	: independent

Product data – type G6LT10W200LR-Z

Total circuit power	: 13,5 W
Rated supply current	: 65 mA max
Power factor	: 0,9C–0,95
Rated output current	: 200 mA
Rated output power	: 6–8,4 W
Output voltage range	: 30–42 Vdc
U _{out}	: 55 V max
Ambient temperature range (ta)	: -20...+50 °C
Max. case temperature (tc)	: 75 °C

Product data – type G6LT10W250LR-Z

Total circuit power	: 13,5 W
Rated supply current	: 65 mA max
Power factor	: 0,9C–0,95
Rated output current	: 250 mA
Rated output power	: 7,5–10,5 W
Output voltage range	: 30–42 Vdc
U _{out}	: 55 V max
Ambient temperature range (ta)	: -20...+50 °C
Max. case temperature (tc)	: 75 °C

Product data – type G6LT10W350LR-Z

Total circuit power	: 13,5 W
Rated supply current	: 65 mA max
Power factor	: 0,9C–0,95
Rated output current	: 350 mA
Rated output power	: 4,55–9,1 W
Output voltage range	: 13–26 Vdc
U _{out}	: 35 V max
Ambient temperature range (ta)	: -20...+50 °C
Max. case temperature (tc)	: 75 °C

Product data – type G6LT10W500LR-Z

Total circuit power	: 13,5 W
Rated supply current	: 65 mA max
Power factor	: 0,9C–0,95

Rated output current	: 500 mA
Rated output power	: 6–10 W
Output voltage range	: 12–20 Vdc
U _{out}	: 28 V max
Ambient temperature range (ta)	: -20...+50 °C
Max. case temperature (tc)	: 75 °C

Product data – type G6LT10W700LR-Z

Total circuit power	: 13,5 W
Rated supply current	: 65 mA max
Power factor	: 0,9C–0,95
Rated output current	: 700 mA
Rated output power	: 6–9 W
Output voltage range	: 8,6–12,9 Vdc
U _{out}	: 18 V max
Ambient temperature range (ta)	: -20...+50 °C
Max. case temperature (tc)	: 75 °C

Product data – type G6LT15W300LR-Z

Total circuit power	: 18,6 W
Rated supply current	: 90 mA max
Power factor	: 0,9C–0,95
Rated output current	: 300 mA
Rated output power	: 7,8–12,9 W
Output voltage range	: 26–43 Vdc
U _{out}	: 60 V max
Ambient temperature range (ta)	: -20...+50 °C
Max. case temperature (tc)	: 85 °C

Product data – type G6LT15W350LR-Z

Total circuit power	: 18,6 W
Rated supply current	: 90 mA max
Power factor	: 0,9C–0,95
Rated output current	: 350 mA
Rated output power	: 9,1–15 W
Output voltage range	: 26–43 Vdc
U _{out}	: 60 V max
Ambient temperature range (ta)	: -20...+50 °C
Max. case temperature (tc)	: 85 °C

Product data – type G6LT15W500LR-Z

Total circuit power	: 18,6 W
Rated supply current	: 90 mA max
Power factor	: 0,9C–0,95
Rated output current	: 500 mA
Rated output power	: 9–15 W
Output voltage range	: 18–30 Vdc
U _{out}	: 45 V max
Ambient temperature range (ta)	: -20...+50 °C
Max. case temperature (tc)	: 85 °C

Product data – type G6LT15W700LR-Z

Total circuit power	: 18,6 W
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Rated supply current	: 90 mA max
Power factor	: 0,9C–0,95
Rated output current	: 700 mA
Rated output power	: 9,1–14,7 W
Output voltage range	: 13–21 Vdc
U _{out}	: 35 V max
Ambient temperature range (ta)	: -20...+45 °C
Max. case temperature (tc)	: 85 °C

Product data – type G6LT7W150LR-Z

Total circuit power	: 9,3 W
Rated supply current	: 45 mA max
Power factor	: 0,9C–0,95
Rated output current	: 150 mA
Rated output power	: 4,5–6,3 W
Output voltage range	: 30–42 Vdc
U _{out}	: 55 V max
Ambient temperature range (ta)	: -20...+50 °C
Max. case temperature (tc)	: 80 °C

Product data – type G6LT7W350LR-Z

Total circuit power	: 9,3 W
Rated supply current	: 45 mA max
Power factor	: 0,9C–0,95
Rated output current	: 350 mA
Rated output power	: 4,2–7,4 W
Output voltage range	: 12–21 Vdc
U _{out}	: 35 V max
Ambient temperature range (ta)	: -20...+50 °C
Max. case temperature (tc)	: 80 °C

Product data – type G6LT7W500LR-Z

Total circuit power	: 9,3 W
Rated supply current	: 45 mA max
Power factor	: 0,9C–0,95
Rated output current	: 500 mA
Rated output power	: 4,5–7 W
Output voltage range	: 9–14 Vdc
U _{out}	: 25 V max
Ambient temperature range (ta)	: -20...+50 °C
Max. case temperature (tc)	: 80 °C

Product data – type G6LT7W700LR-Z

Total circuit power	: 9,3 W
Rated supply current	: 45 mA max
Power factor	: 0,9C–0,95
Rated output current	: 700 mA
Rated output power	: 4,2–7 W
Output voltage range	: 6–10 Vdc
U _{out}	: 18 V max
Ambient temperature range (ta)	: -20...+50 °C
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 342815600.

Additional information

The LED controlgear is an independent SELV controlgear (Class II) for LEDs with constant current. They are dimmable with a trailing edge dimmer. The insulation between primary and secondary is SELV and between primary and housing is considered as double or reinforced insulation. The controlgear has screw terminals. The max. enclosure temperature under abnormal or fault conditions is 110°C.

Type designation: G6LTyyWxxxLR-Z

“yy” in the type designation = type series, throughout the whole testreport.

“xxx” in the type designation = output current, throughout the whole testreport.

The list of components is laid down in test report 3428156.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

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