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)	:	G5RT20W500LRP, G5RT30W600LRP, G5RT30W700LRP and G5RT30W800LRP

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 20 November 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-132770

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

Miranda Zhou
Certification Manager

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Current controlled LED Driver
Trade name(s)	:	HEP GROUP®
Type(s)/model(s)	:	G5RT20W500LRP, G5RT30W600LRP, G5RT30W700LRP and G5RT30W800LRP
Rated supply voltage	:	220-240 Vac
Supply frequency	:	50-60 Hz
Ambient temperature (ta)	:	-20…+50 °C
Working voltage (Uout)	:	55 V

Product data – type G5RT20W500LRP

Supply current	:	120 mA
Power factor	:	0,91C–0,97
Rated output current	:	500 mA
Rated output power	:	12,5-21 W
Rated output voltage	:	25-42 Vdc
Max. case temperature (tc)	:	75 °C

Product data – type G5RT30W600LRP

Supply current	:	150 mA
Power factor	:	0,95–0,97
Rated output current	:	600 mA
Rated output power	:	15-25,2 W
Rated output voltage	:	25-42 Vdc
Max. case temperature (tc)	:	85 °C

Product data – type G5RT30W700LRP

Supply current	:	170 mA
Power factor	:	0,95–0,97
Rated output current	:	700 mA
Rated output power	:	17,5-29,4 W
Rated output voltage	:	25-42 Vdc
Max. case temperature (tc)	:	85 °C

Product data – type G5RT30W800LRP

Supply current	:	190 mA
Power factor	:	0,95–0,97
Rated output current	:	800 mA
Rated output power	:	20-32 W
Rated output voltage	:	25-40 Vdc
Max. case temperature (tc)	:	85 °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 343158300.

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. All types are potted. The LED controlgear is dimmable with a trailing edge dimmer. The insulation between primary and secondary is SELV and between primary and housing is considered as double 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 3431583.50.

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