CERTIFICATE

Issued to:
Applicant:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Rd, Wugu District
24891 New Taipei City, Taiwan

Licensee:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Rd, Wugu District
24891 New Taipei City, Taiwan

Product	:	Independent LED driver
Trade name(s)	:	MEAN WELL
Type(s)/model(s)	:	HLG-320H-CXY

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 and EN 61347-2-13:2014/A1:2017
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2175773

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 18 September 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-115734

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvA C 001

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Independent LED driver
Trade name(s)	:	MEAN WELL
Type(s)/model(s)	:	HLG-320H-C1050, HLG-320H-C1050A, HLG-320H-C1050AB, HLG-320H-C1050AD2, HLG-320H-C1050ADA, HLG-320H-C1050B, HLG-320H-C1050D, HLG-320H-C1050D2, HLG-320H-C1050DA, HLG-320H-C1400, HLG-320H-C1400A, HLG-320H-C1400AB, HLG-320H-C1400AD2, HLG-320H-C1400ADA, HLG-320H-C1400B, HLG-320H-C1400D, HLG-320H-C1400D2, HLG-320H-C1400DA, HLG-320H-C1750, HLG-320H-C1750A, HLG-320H-C1750AB, HLG-320H-C1750AD2, HLG-320H-C1750ADA, HLG-320H-C1750B, HLG-320H-C1750D, HLG-320H-C1750D2, HLG-320H-C1750DA, HLG-320H-C2100, HLG-320H-C2100A, HLG-320H-C2100AB, HLG-320H-C2100AD2, HLG-320H-C2100ADA, HLG-320H-C2100B, HLG-320H-C2100D, HLG-320H-C2100D2, HLG-320H-C2100DA, HLG-320H-C2800, HLG-320H-C2800A, HLG-320H-C2800AB, HLG-320H-C2800AD2, HLG-320H-C2800ADA, HLG-320H-C2800B, HLG-320H-C2800D, HLG-320H-C2800D2, HLG-320H-C2800DA, HLG-320H-C3500, HLG-320H-C3500A, HLG-320H-C3500AB, HLG-320H-C3500AD2, HLG-320H-C3500ADA, HLG-320H-C3500B, HLG-320H-C3500D, HLG-320H-C3500D2, HLG-320H-C3500DA, HLG-320H-C700, HLG-320H-C700A, HLG-320H-C700AB, HLG-320H-C700AD2, HLG-320H-C700ADA, HLG-320H-C700B, HLG-320H-C700D, HLG-320H-C700D2 and HLG-320H-C700DA
Rated input voltage	:	100-240 Vac
Rated input current	:	3,5 A
Rated frequency	:	50/60 Hz
Power factor	:	0,95
Ambient temperature (ta)	:	50 °C
Max. case temperature (tc)	:	85 °C
Class of insulation	:	Class I
Description	:	Thermal, short-circuit and overload protection with MM signs

Product data – type HLG-320H-C1050, HLG-320H-C1050A, HLG-320H-C1050AB, HLG-320H-C1050AD2, HLG-320H-C1050ADA, HLG-320H-C1050B, HLG-320H-C1050D, HLG-320H-C1050D2 and HLG-320H-C1050DA

Output voltage	:	152-305 Vdc, Max. 311 Vdc
Output current	:	1050 mA
Rated power	:	320,25 W

Product data – type HLG-320H-C1400, HLG-320H-C1400A, HLG-320H-C1400AB, HLG-320H-C1400AD2, HLG-320H-C1400ADA, HLG-320H-C1400B, HLG-320H-C1400D, HLG-320H-C1400D2 and HLG-320H-C1400DA

Output voltage	:	114-229 Vdc, Max. 234 Vdc
Output current	:	1400 mA
Rated power	:	320,6 W

Product data – type HLG-320H-C1750, HLG-320H-C1750A, HLG-320H-C1750AB, HLG-320H-C1750AD2, HLG-320H-C1750ADA, HLG-320H-C1750B, HLG-320H-C1750D, HLG-320H-C1750D2 and HLG-320H-C1750DA

Output voltage	:	91-183 Vdc, Max. 187 Vdc
Output current	:	1750 mA
Rated power	:	320,25 W

Product data – type HLG-320H-C2100, HLG-320H-C2100A, HLG-320H-C2100AB, HLG-320H-C2100AD2, HLG-320H-C2100ADA, HLG-320H-C2100B, HLG-320H-C2100D, HLG-320H-C2100D2 and HLG-320H-C2100DA

Output voltage	:	76-152 Vdc, Max. 156 Vdc
Output current	:	2100 mA
Rated power	:	319,2 W

Product data – type HLG-320H-C2800, HLG-320H-C2800A, HLG-320H-C2800AB, HLG-320H-C2800AD2, HLG-320H-C2800ADA, HLG-320H-C2800B, HLG-320H-C2800D, HLG-320H-C2800D2 and HLG-320H-C2800DA

Output voltage	:	57-114 Vdc, Max. 118 Vdc
Output current	:	2800 mA
Rated power	:	319,2 W

Product data – type HLG-320H-C3500, HLG-320H-C3500A, HLG-320H-C3500AB, HLG-320H-C3500AD2, HLG-320H-C3500ADA, HLG-320H-C3500B, HLG-320H-C3500D, HLG-320H-C3500D2 and HLG-320H-C3500DA

Output voltage	:	46-91 Vdc, Max. 95 Vdc
Output current	:	3500 mA
Rated power	:	318,5 W

Product data – type HLG-320H-C700, HLG-320H-C700A, HLG-320H-C700AB, HLG-320H-C700AD2, HLG-320H-C700ADA, HLG-320H-C700B, HLG-320H-C700D, HLG-320H-C700D2 and HLG-320H-C700DA

Output voltage	:	214-428 Vdc, Max. 435 Vdc
Output current	:	700 mA
Rated power	:	299,6 W

TESTS

Test requirements

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

Test result

The test results are laid down in DEKRA test file 436778000.

Additional information

The products also consider EN 62384:2006 + A1:2009.

The list of components is laid down at test report 4367780.50.

Conclusion
The examination proved that all requirements were met.

Factory location
MEAN WELL (GUANGZHOU) Electronics Co.,Ltd. Huadu Branch
No.11 Jingu South Road, Huadong Town, Huadu District,
Guangzhou 510890, Guangdong, China

Trade name : MEAN WELL stands for

Model Encoding:

HLG-320H-CXY
X= 700, 1050, 1400, 1750, 2100, 2800 or 3500 define for output current.
Y= blank, A, B, AB, D, D2, DA, ADA, AD2 define for dimming function mode.
Blank: Cable for I/O connection.
A: Adjusted through internal potentiometer.
B: Adjustable through output cable with 0-10 Vdc or 10 V PWM signal or resistance.
AB: Adjusted through internal potentiometer or output cable with 0-10 Vdc or 10 V PWM signal or resistance
D: Smart timer dimming
D2: Smart timer dimming can be programmed by output cable.
DA: DALI function
ADA: DALI function and adjusted through internal potentiometer,
AD2: Smart timer dimming can be programmed by output cable and adjusted through internal potentiometer.

Model difference:

Function mode	Main PCB	Dimming PCB	Diming wire	Top cover (with or without plastic cap)	IP
Blank	Same	Without	Without	Without	67
A	Same	Without	Without	With	65
B	Same	B type	With	Without	67
AB	Same	B type	With	With	65
D	Same	D type	Without	Without	67
D2	Same	D type	With	Without	67
DA	Same	DA type	With	Without	67
AD2	Same	D type	With	With	65
ADA	Same	DA type	With	With	65