

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) : ELG-150-CXY (X=500,700,1050, Y=blank, A, B, AB, D, D2,DA, ADA, AD2, BE)

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 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 62384:2006/A1:2009 and EN 62384:2006
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2175773

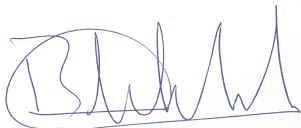
DEKRA hereby grants the right to use the ENEC certification mark.

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 20 January 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-112355

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED driver
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: ELG-150-C1050, ELG-150-C1050A, ELG-150-C1050AB, ELG-150-C1050AD2, ELG-150-C1050ADA, ELG-150-C1050B, ELG-150-C1050BE, ELG-150-C1050D, ELG-150-C1050D2, ELG-150-C1050DA, ELG-150-C500, ELG-150-C500A, ELG-150-C500AB, ELG-150-C500AD2, ELG-150-C500ADA, ELG-150-C500B, ELG-150-C500BE, ELG-150-C500D, ELG-150-C500D2, ELG-150-C500DA, ELG-150-C700, ELG-150-C700A, ELG-150-C700AB, ELG-150-C700AD2, ELG-150-C700ADA, ELG-150-C700B, ELG-150-C700BE, ELG-150-C700D, ELG-150-C700D2 and ELG-150-C700DA
Rated input voltage	: 100-200 Vac or 200-240 Vac
Rated frequency	: 50/60 Hz
Input current	: 1,7 A
Power factor	: 0,95
Max. case temperature (tc)	: 90 °C
Class of insulation	: Class I
Additional information	: Constant current mode Thermal, short-circuit and overload protection with MM signs

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 436110400.

Additional information

The list of components is laid down at test report 4361104.50, 4333890.51.

Conclusion

The examination proved that all requirements were met.

Factory locations

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

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

Trade name(s) : MEAN WELL stands for


Model list:

Model No	Input voltage (V)	Input current (A)	ta	Output voltage (V dc)	Output current (mA)	Max. Output power (W)
ELG-150-C500Y	100-200	1,7	55	150-210, max 315	500	105
	200-240			150-300, max 315		150
ELG-150-C700Y	100-200	1,7	55	107-150, max 225	700	105
	200-240			107-214, max. 225		149,8
ELG-150-C1050Y	100-200	1,7	55	72-100, max 151	1050	105
	200-240			72-143, max. 151		150,15
ELG-150-C500BE	100-200	1,7	50	V _O : 150-210, max 315 V _{AUX} : 15	I _O : 500 I _{AUX} : 300	W _O : 105 W _{AUX} : 4,5
	200-240			V _O : 150-270, max 315 V _{AUX} : 15		W _O : 135 W _{AUX} : 4,5
ELG-150-C700BE	100-200	1,7	50	V _O : 107-150, max 225 V _{AUX} : 15	I _O : 700 I _{AUX} : 300	W _O : 105 W _{AUX} : 4,5
	200-240			V _O : 107-192, max. 225 V _{AUX} : 15		W _O : 134,4 W _{AUX} : 4,5
ELG-150-C1050BE	100-200	1,7	50	V _O : 72-100, max 151 V _{AUX} : 15	I _O : 1050 I _{AUX} : 300	W _O : 105 W _{AUX} : 4,5
	200-240			V _O : 72-128, max. 151 V _{AUX} : 15		W _O : 134,4 W _{AUX} : 4,5
IP65 for models ELG-150-CXY (X=500, 700, 1050; Y= A, AB, ADA, AD2); IP67 for models ELG-150-CXY (X=500, 700, 1050; Y= blank, B, D, D2, DA, BE)						

Model Encoding:

ELG-150-CXY

X= 500, 700, 1050, 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: Constant current level can be adjusted through internal potentiometer.

B: Constant current level adjustable through output cable with 0-10 Vdc or 10 V PWM signal or resistance.

AB: Constant current level can be 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 Constant current level can be adjusted through internal potentiometer,

AD2: Smart timer dimming can be programmed by output cable and Constant current level can be adjusted through internal potentiometer.

BE: With AUX output, Constant current level adjustable through output cable with 0-10 Vdc or 10 V PWM signal or resistance

Model difference:

Function mode	Main PCB	Dimming PCB	Dimming/DA wire	Front 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
AD2	Same	D type	With	With	65
DA	Same	DA type	With	Without	67
ADA	Same	DA type	With	With	65
BE	Similar with other type	BE type	With	Without	67