CERTIFICATE

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

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

Product	:	Independent LED driver
Trade name(s)	:	MEAN WELL
Type(s)/model(s)	:	ELG-150-CXY, ELG-150-XY

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, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- 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 27 March 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-103225

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

Kreny Lin
Certification Manager

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

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SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Independent LED driver
Trade name(s)	:	MEAN WELL
Type(s)/model(s)	:	ELG-150-12, ELG-150-12A, ELG-150-12AB, ELG-150-12AD2, ELG-150-12ADA, ELG-150-12B, ELG-150-12BE, ELG-150-12D, ELG-150-12D2, ELG-150-12DA, ELG-150-24, ELG-150-24A, ELG-150-24AB, ELG-150-24AD2, ELG-150-24ADA, ELG-150-24B, ELG-150-24BE, ELG-150-24D, ELG-150-24D2, ELG-150-24DA, ELG-150-36, ELG-150-36A, ELG-150-36AB, ELG-150-36AD2, ELG-150-36ADA, ELG-150-36B, ELG-150-36BE, ELG-150-36D, ELG-150-36D2, ELG-150-36DA, ELG-150-42, ELG-150-42A, ELG-150-42AB, ELG-150-42AD2, ELG-150-42ADA, ELG-150-42B, ELG-150-42BE, ELG-150-42D, ELG-150-42D2, ELG-150-42DA, ELG-150-48, ELG-150-48A, ELG-150-48AB, ELG-150-48AD2, ELG-150-48ADA, ELG-150-48B, ELG-150-48BE, ELG-150-48D, ELG-150-48D2, ELG-150-48DA, ELG-150-54, ELG-150-54A, ELG-150-54AB, ELG-150-54AD2, ELG-150-54ADA, ELG-150-54B, ELG-150-54BE, ELG-150-54D, ELG-150-54D2, ELG-150-54DA, ELG-150-C1400, ELG-150-C1400A, ELG-150-C1400AB, ELG-150-C1400AD2, ELG-150-C1400ADA, ELG-150-C1400B, ELG-150-C1400BE, ELG-150-C1400D, ELG-150-C1400D2, ELG-150-C1400DA, ELG-150-C1750, ELG-150-C1750A, ELG-150-C1750AB, ELG-150-C1750AD2, ELG-150-C1750ADA, ELG-150-C1750B, ELG-150-C1750BE, ELG-150-C1750D, ELG-150-C1750D2, ELG-150-C1750DA, ELG-150-C2100, ELG-150-C2100A, ELG-150-C2100AB, ELG-150-C2100AD2, ELG-150-C2100ADA, ELG-150-C2100B, ELG-150-C2100BE, ELG-150-C2100D, ELG-150-C2100D2 and ELG-150-C2100DA
Rated input voltage	:	100-240 Vac
Rated frequency	:	50/60 Hz
Power factor	:	0,95
Max. case temperature (tc)	:	90 °C
Class of insulation	:	Class I
Description	:	Constant current mode Thermal, short-circuit and overload protection with MM signs

TESTS

Test requirements

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

EN 62384:2006/A1:2009

Test result
The test results are laid down in DEKRA test file 433389100.

Additional information
This certificate replaces certificate No. 2195615.01 which we herewith declare invalid.

The list of components is laid down at test report 4333891.50.

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 City, Guangdong Province, China

Trade name(s) : MEAN WELL stands for

Model list:

Model No	Input voltage (V)	Input current (A)	Output voltage (Vdc)	Output current	Output power (W)
ELG-150-C1400Y	100-200	1,7	54-75 Vdc, max. 115 Vdc	1,4 A	105
	200-240		54-107 Vdc, max. 115 Vdc		149,8
ELG-150-C1750Y	100-200	1,7	43-60 Vdc, max. 94 Vdc	1,75 A	105
	200-240		43-86 Vdc, max. 94 Vdc		150,5
ELG-150-C2100Y	100-200	1,7	36-50 Vdc, max. 80 V	2,1 A	105
	200-240		36-72 Vdc, max. 80 V		151,2
ELG-150-12Y	100-200	1,7	12 Vdc	--	84
	200-240				120
ELG-150-24Y	100-200	1,7	24 Vdc	--	105
	200-240				150
ELG-150-36Y	100-200	1,7	36 Vdc	--	105
	200-240				150,1
ELG-150-42Y	100-200	1,7	42 Vdc	--	105
	200-240				150
ELG-150-48Y	100-200	1,7	48 Vdc	--	105
	200-240				150,2
ELG-150-54Y	100-200	1,7	54 Vdc	--	105
	200-240				151,2
ELG-150-C1400BE	100-200	1,7	V_O: 54-75 Vdc, max. 115 Vdc V_{AUX}: 15 Vdc	I_O: 1,4 A I_{AUX}: 300 mA	W_0: 105 W_{AUX}: 4,5
	200-240		V_O: 54-95 Vdc, max. 115 Vdc V_{AUX}: 15 Vdc		W_0: 133 W_{AUX}: 4,5
ELG-150-C1750BE	100-200	1,7	V_O: 43-60 Vdc, max. 94 Vdc V_{AUX}: 15 Vdc	I_O: 1,75 A I_{AUX}: 300 mA	W_0: 105 W_{AUX}: 4,5
	200-240		V_O: 43-76 Vdc, max. 94 Vdc V_{AUX}: 15 Vdc		W_0: 133 W_{AUX}: 4,5
ELG-150-C2100BE	100-200	1,7	V_O: 36-50 Vdc, max. 80 V V_{AUX}: 15 Vdc	I_O: 2,1 A I_{AUX}: 300 mA	W_0: 105 W_{AUX}: 4,5
	200-240		V_O: 36-64 Vdc, max. 80 V V_{AUX}: 15 Vdc		W_0: 134,4 W_{AUX}: 4,5
ELG-150-12BE	100-200	1,7	V_O: 12 Vdc V_{AUX}: 15 Vdc	I_O: 8 A I_{AUX}: 300	W_0: 84 W_{AUX}: 4,5
	200-240				W_0: 96 W_{AUX}: 4,5
ELG-150-24BE	100-200	1,7	V_O: 24 Vdc V_{AUX}: 15 Vdc	I_O: 5,6 A I_{AUX}: 300 mA	W_0: 105 W_{AUX}: 4,5
	200-240				W_0: 134 W_{AUX}: 4,5
ELG-150-36BE	100-200	1,7	V_O: 36 Vdc V_{AUX}: 15	I_O: 3,73 A I_{AUX}: 300 mA	W_0: 105 W_{AUX}: 4,5
	200-240				W_0: 134,28 W_{AUX}: 4,5
ELG-150-42BE	100-200	1,7	V_O: 42 Vdc V_{AUX}: 15 Vdc	I_O: 3,2 A I_{AUX}: 300 mA	W_0: 105 W_{AUX}: 4,5
	200-240				W_0: 134,4 W_{AUX}: 4,5
ELG-150-48BE	100-200	1,7	V_O: 48 Vdc V_{AUX}: 15 Vdc	I_O: 2,8 A I_{AUX}: 300 mA	W_0: 105 W_{AUX}: 4,5
	200-240				W_0: 134,4 W_{AUX}: 4,5

ELG-150-54BE	100-200 200-240	1,7	V_O: 54 Vdc V_{AUX}: 15 Vdc	I_O: 2,5 A I_{AUX}: 300 mA	W_0: 105 W_{AUX}: 4,5 W_0: 135 W_{AUX}: 4,5

Model Encoding:
ELG-150-CXY (X=1400, 1750, 2100, Y=blank, A, B, AB, D, D2, DA, ADA, AD2, BE)
ELG-150-XY (X=12, 24, 36, 42, 48, 54, Y=blank, A, B, AB, D, D2, DA, ADA, AD2, BE)
Y= blank, A, B, AB, D, D2, DA, ADA, AD2, BE 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.
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	Diming wire	Rear 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