

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) : HLG-480H-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 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN 61347-1:2015
- 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.

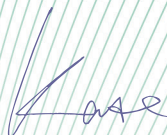
This certificate is issued on 23 April 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-103725

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kate Xu
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)	: HLG-480H-C1400A, HLG-480H-C1400AB, HLG-480H-C1400B, HLG-480H-C1400D2, HLG-480H-C1400Dx, HLG-480H-C1750A, HLG-480H-C1750AB, HLG-480H-C1750B, HLG-480H-C1750D2, HLG-480H-C1750Dx, HLG-480H-C2100A, HLG-480H-C2100AB, HLG-480H-C2100B, HLG-480H-C2100D2, HLG-480H-C2100Dx, HLG-480H-C2800A, HLG-480H-C2800AB, HLG-480H-C2800B, HLG-480H-C2800D2, HLG-480H-C2800Dx, HLG-480H-C3500A, HLG-480H-C3500AB, HLG-480H-C3500B, HLG-480H-C3500D2 and HLG-480H-C3500Dx
Rated input voltage	: 100-240 Vac
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Ambient temperature (ta)	: 50 °C
Max. case temperature (tc)	: 90 °C
Class of insulation	: Class I
Description	: 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

Test result

The test results are laid down in DEKRA test file 434098800.

Additional information

The product also considers EN 62384:2006 + A1:2009.

The list of components is laid down at test report 4340988.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

MEAN WELL Enterprises Co., Ltd.

No.28, Wuquan 3rd Road, Wugu District

248 New Taipei City, Taiwan

MEAN WELL (Guangzhou) Electronics Co.,Ltd. Huadu Branch

No.11 Jingu South Road, Huadong Town, Huadu District,

Guangzhou City, Guangdong Province, China

Trade name : MEAN WELL stands for



Model list:

Model No.	Input rating	Output rating
HLG-480H-C1400y	5,5 A, 100-240 Vac, 50/60 Hz	171-343 Vdc, 1400 mA, Rated Power: 480 W, Uout = Max. 420 Vdc
HLG-480H-C1750y		137-274 Vdc, 1750 mA, Rated Power: 480 W, Uout = Max. 340 Vdc
HLG-480H-C2100y		114-229 Vdc, 2100 mA, Rated Power: 481 W, Uout = Max. 280 Vdc
HLG-480H-C2800y		85-171 Vdc, 2800 mA, Rated Power: 479 W, Uout = Max. 210 Vdc
HLG-480H-C3500y		68-137 Vdc, 3500 mA, Rated Power: 480 W, Uout = Max. 170 Vdc

Model Encoding:

HLG-480H-Cxy

The "x" can be 1400, 1750, 2100, 2800 or 3500 to denote the output current (unit is mA),

"y" can be A, B, AB, Dx or D2 to denote the optional function

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.

Dx: Smart timer dimming.

D2: Smart timer dimming can be function by user request.

Model difference:

Function mode	Main PCB	Dimming PCB	Dimming/D A wire	Front cover (with or without plastic cap)	IP
A	Same	Without	Without	With	65
B	Same	B type	With	Without	67
AB	Same	B type	With	With	65
Dx	Same	D type	Without	Without	67
D2	Same	D type	With	Without	67