

# 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-480H-24, HLG-480H-24A, HLG-480H-24AB, HLG-480H-24B, HLG-480H-24D2, HLG-480H-24Dx, HLG-480H-30, HLG-480H-30A, HLG-480H-30AB, HLG-480H-30B, HLG-480H-30D2, HLG-480H-30Dx, HLG-480H-36, HLG-480H-36A, HLG-480H-36AB, HLG-480H-36B, HLG-480H-36D2, HLG-480H-36Dx, HLG-480H-42, HLG-480H-42A, HLG-480H-42AB, HLG-480H-42B, HLG-480H-42D2, HLG-480H-42Dx, HLG-480H-48, HLG-480H-48A, HLG-480H-48AB, HLG-480H-48B, HLG-480H-48D2, HLG-480H-48Dx, HLG-480H-54, HLG-480H-54A, HLG-480H-54AB, HLG-480H-54B, HLG-480H-54D2, HLG-480H-54Dx, HLGP-480H-24, HLGP-480H-24A, HLGP-480H-24AB, HLGP-480H-24B, HLGP-480H-30, HLGP-480H-30A, HLGP-480H-30AB, HLGP-480H-30B, HLGP-480H-36, HLGP-480H-36A, HLGP-480H-36AB, HLGP-480H-36B, HLGP-480H-42, HLGP-480H-42A, HLGP-480H-42AB, HLGP-480H-42B, HLGP-480H-48, HLGP-480H-48A, HLGP-480H-48AB, HLGP-480H-48B, HLGP-480H-54, HLGP-480H-54A, HLGP-480H-54AB and HLGP-480H-54B

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:

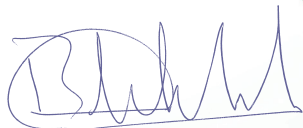
- a type test according to the standard EN 61347-1:2015, EN 61347-2-13:2014 and EN 61347-2-13:2014/A1:2017
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2175773

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 14 August 2020 and expires upon withdrawal of one of the above mentioned standards.

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

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ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



Certificate number: 35-115218

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Independent LED driver
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HLG-480H-24, HLG-480H-24A, HLG-480H-24AB, HLG-480H-24B, HLG-480H-24D2, HLG-480H-24Dx, HLG-480H-30, HLG-480H-30A, HLG-480H-30AB, HLG-480H-30B, HLG-480H-30D2, HLG-480H-30Dx, HLG-480H-36, HLG-480H-36A, HLG-480H-36AB, HLG-480H-36B, HLG-480H-36D2, HLG-480H-36Dx, HLG-480H-42, HLG-480H-42A, HLG-480H-42AB, HLG-480H-42B, HLG-480H-42D2, HLG-480H-42Dx, HLG-480H-48, HLG-480H-48A, HLG-480H-48AB, HLG-480H-48B, HLG-480H-48D2, HLG-480H-48Dx, HLG-480H-54, HLG-480H-54A, HLG-480H-54AB, HLG-480H-54B, HLG-480H-54D2, HLG-480H-54Dx, HLGP-480H-24, HLGP-480H-24A, HLGP-480H-24AB, HLGP-480H-24B, HLGP-480H-30, HLGP-480H-30A, HLGP-480H-30AB, HLGP-480H-30B, HLGP-480H-36, HLGP-480H-36A, HLGP-480H-36AB, HLGP-480H-36B, HLGP-480H-42, HLGP-480H-42A, HLGP-480H-42AB, HLGP-480H-42B, HLGP-480H-48, HLGP-480H-48A, HLGP-480H-48AB, HLGP-480H-48B, HLGP-480H-54, HLGP-480H-54A, HLGP-480H-54AB and HLGP-480H-54B
Rated input voltage	: 100-240 V~
Input current	: 5,5 A
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Ambient temperature (ta)	: 40 °C for 100-200 V
Ambient temperature (ta)	: 50 °C for 200-240 V
Max. case temperature (tc)	: 90 °C
Class of insulation	: Class I
Description	: Thermal, short-circuit and overload protection with MM signs

**Product data – type HLG-480H-24, HLG-480H-24A, HLG-480H-24AB, HLG-480H-24B, HLG-480H-24D2, HLG-480H-24Dx, HLGP-480H-24, HLGP-480H-24A, HLGP-480H-24AB and HLGP-480H-24B**

Output rating : 24 Vdc, 20,0 A Rated Power: 480,0 W

**Product data – type HLG-480H-30, HLG-480H-30A, HLG-480H-30AB, HLG-480H-30B, HLG-480H-30D2, HLG-480H-30Dx, HLGP-480H-30, HLGP-480H-30A, HLGP-480H-30AB and HLGP-480H-30B**

Output rating : 30 Vdc, 16,0 A Rated Power: 480,0 W

**Product data – type HLG-480H-36, HLG-480H-36A, HLG-480H-36AB, HLG-480H-36B, HLG-480H-36D2, HLG-480H-36Dx, HLGP-480H-36, HLGP-480H-36A, HLGP-480H-36AB and HLGP-480H-36B**

Output rating : 36 Vdc, 13,3 A Rated Power: 478,8 W

**Product data – type HLG-480H-42, HLG-480H-42A, HLG-480H-42AB, HLG-480H-42B, HLG-480H-42D2, HLG-480H-42Dx, HLGP-480H-42, HLGP-480H-42A, HLGP-480H-42AB and HLGP-480H-42B**

Output rating : 42 Vdc, 11,4 A Rated Power: 478,8 W

**Product data – type HLG-480H-48, HLG-480H-48A, HLG-480H-48AB, HLG-480H-48B, HLG-480H-48D2, HLG-480H-48Dx, HLGP-480H-48, HLGP-480H-48A, HLGP-480H-48AB and HLGP-480H-48B**  
Output rating : 48 Vdc, 10,0 A Rated Power: 480,0 W

**Product data – type HLG-480H-54, HLG-480H-54A, HLG-480H-54AB, HLG-480H-54B, HLG-480H-54D2, HLG-480H-54Dx, HLGP-480H-54, HLGP-480H-54A, HLGP-480H-54AB and HLGP-480H-54B**  
Output rating : 54 Vdc, 8,9 A Rated Power: 480,6 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 436642500.

### Additional information

Model reference:

HLG-480H-xy, HLGP-480H-xy

The “x” can be 24, 30, 36, 42, 48 or 54 to denote the output voltage (unit is Vdc).

“y” can be Blank, A, B, AB, Dx or D2 to denote the optional function for HLG-480H-xy series.

“y” can be Blank, A, B or AB to denote the optional function for HLGP-480H-xy series

The list of components is laid down at test report 4366425.50.

### 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 difference:**

Function mode	Main PCB	Dimming PCB	Dimming/D A wire	Front cover (with or without plastic cap)	IP rating
Blank	Same	Without	Without	Without	67 for HLG-480H, 68 for HLGP-480H
A	Same	Without	Without	With	65 for HLG-480H and HLGP-480H
B	Same	B type	With	Without	67 for HLG-480H, 68 for HLGP-480H
AB	Same	B type	With	With	65 for HLG-480H and HLGP-480H
Dx	Same	D type	Without	Without	67 for HLG-480H only
D2	Same	D type	With	Without	67 for HLG-480H only