



## Declaration of Conformity

For the following equipment :

Product Name: LED driver

Model Designation: HLG-240x-yz (x=H or blank; y=12, 15, 20, 24, 30, 36, 42, 48 or 54; z=A, B, C or blank)

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied :

**RoHS Directive (2011/65/EU), (EU)2015/863**

**Energy-Related Products Directive (2009/125/EC)  
Implementing measure COMMISSION REGULATION(EC) No 2019/2020**

**Low Voltage Directive (2014/35/EU) :**

EN 61347-1:2015 ; EN 61347-2-13:2014+A1

TUV certificate No : R50171751 (for y=A,B,AB,Blank type)

TUV certificate No : R50171244 (for y=C type)

**Electromagnetic Compatibility Directive (2014/30/EU) :**

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

EN IEC 55015:2019+A11:2020

Harmonic current

EN IEC 61000-3-2:2019

Class C ( $\geq 50\%$  load)

Voltage flicker

EN 61000-3-3:2013+A1:2019

**EMS (Electro-Magnetic Susceptibility)**

EN 61547:2009

ESD air

EN 61000-4-2:2009

Level 4

15KV

ESD contact

EN 61000-4-2:2009

Level 4

8KV

RF field susceptibility

EN IEC 61000-4-3:2020

Level 2

3V/m

EFT bursts

EN 61000-4-4:2012

Level 2

1KV/5KHz

Surge susceptibility

EN 61000-4-5:2014+A1:2017

Level 4

2KV/Line-Line

Surge susceptibility

EN 61000-4-5:2014+A1:2017

Level 4

4KV/Line-Earth

Conducted susceptibility

EN 61000-4-6:2014

Level 2

3V

Magnetic field immunity

EN 61000-4-8:2010

Level 2

3A/m

Voltage dip, interruption

EN IEC 61000-4-11:2020 <5% residual voltage for 0.5 cycles , 70% residual voltage for 25 cycles , <5% residual voltage for 250 cycles

**Note:**

Component power supply will be operated with a final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

Tests above are only to be performed with intended loads, i.e. either with LEDs or resistive load.

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File)

To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED power supply can only be used behind a switch without permanently connected to the mains.

This Declaration is effective from serial number GC1xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)

Aries Jian/Director, Group R & D :

(Name / Position)

(Signature)

Alex Tsai/Director, Marketing Department :

(Name / Position)

(Signature)

Taiwan

(Place)

Aug. 16th, 2021

(Date)



## Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: HLG-240x-yz (x=H or blank ; y=12,15,20,24,30,36,42,48 or 54; z=A ,B ,C or blank)

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied :

**RoHS Directive (2011/65/EU), (EU)2015/863**

**Low Voltage Directive (2014/35/EU) :**

EN60950-1:2006+A11+A1+A12+A2

TUV certificate No : R50172353

**Electromagnetic Compatibility Directive (2014/30/EU) :**

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

EN55032:2015

Class B

Harmonic current EN61000-3-2:2014

Voltage flicker EN61000-3-3:2013

**EMS (Electro-Magnetic Susceptibility)**

EN55024:2010+A1:2015 EN61000-6-2:2005

ESD air EN61000-4-2:2009 Level 3 8KV

ESD contact EN61000-4-2:2009 Level 2 4KV

RF field susceptibility EN61000-4-3:2006+A1:2008+A2:2010 Level 3 10V/m

EFT bursts EN61000-4-4:2012 Level3 2KV/5KHz

Surge susceptibility EN61000-4-5:2014 Level 4 2KV/Line-Line

Surge susceptibility EN61000-4-5:2014 Level 4 4KV/Line-Earth

Conducted susceptibility EN61000-4-6:2014 Level 3 10V

Magnetic field immunity EN61000-4-8:2010 Level 4 30A/m

Voltage dip, interruption EN61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods

**Note:**

A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure.

For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on <http://www.meanwell.com>)" and TDF (Technical Documentation File).

This Declaration is effective from serial number HB9xxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)

Johnny Huang/Manager, Certification Center :

(Name / Position)

(Signature)

Alex Tsai/Director, Marketing Department :

(Name / Position)

(Signature)

Taiwan

(Place)

Jul. 22nd, 2019

(Date)