# 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)**

**Energy-Related Products Directive (2009/125/EC)**
**Implementing measure COMMISSION REGULATION(EC) No 1194/2012**

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

| | |
|---|---|
| EN61347-1:2015 EN61347-2-13:2014/A1:2017 | TUV certificate No：R50171751 (for y=A,B,Blank type)<br>TUV certificate No：R50171244 (for y=C type) |

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

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

| | | | |
|---|---|---|---|
| | EN55015:2013+A1:2015 | | |
| Harmonic current | EN61000-3-2:2014 | | Class C(≧50% load) |
| Voltage flicker | EN61000-3-3:2013 | | |

**EMS (Electro-Magnetic Susceptibility)**

EN61547:2009

| | | | |
|---|---|---|---|
| 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 2 | 3V/m |
| EFT bursts | EN61000-4-4:2012 | Level 2 | 1KV/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 2 | 3V |
| Magnetic field immunity | EN61000-4-8:2010 | Level 2 | 3A/m |
| Voltage dip, interruption | EN61000-4-11:2004 | >95% dip 0.5 periods | 30% dip 25 periods >95% interruptions 250 periods |

**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 HB7xxxxxxx

Person responsible for marking this declaration：

MEAN WELL Enterprises Co., Ltd.
(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan
(Manufacturer Address)

| | | | |
|---|---|---|---|
| Johnny Huang/Manager, Certification Center： | | Alex Tsai/Director, Marketing Department： | |
| (Name / Position) | (Signature) | (Name / Position) | (Signature) |
| Taiwan | Oct. 8th, 2017 | | |
| (Place) | (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)**
**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 HB7xxxxxxx

Person responsible for marking this declaration：

MEAN WELL Enterprises Co., Ltd.
(Manufacturer Name)
No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan
(Manufacturer Address)

Johnny Huang/Manager, Certification Center： (Signature)
(Name / Position)

Alex Tsai/Director, Marketing Department： (Signature)
(Name / Position)

Taiwan (Place)

Jan. 23rd, 2017 (Date)

Version：3