



## Declaration of Conformity

For the following equipment :

Product Name: LED Driver

Model Designation: LPF-90Z-X (Z=Blank or D ; X=15,20,24,30,36,42,48,54)

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 1194/2012**

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

EN61347-1:2015 EN61347-2-13:2014/A1:2017

EN62384:2006+A1:2009

ENEC certificate No : 35-103242

### 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 ( $\geq 60\%$  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

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 LEDs.

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 HB9xxxxxxx

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)