



# Declaration of conformity

For the following equipment :

Product Name:LED Driver

Model Designation: XLG-100x-y-z (x=l or blank,y=12 or 24 ; z=A or blank  
XLG-100x-y-z (x=l or blank,y=H or L; z=A,AB or blank) XLG-100-12-CV,XLG-100-24-CV

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(EU) No 2019/2020**

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

EN 61347-1:2015+A1:2021; EN 61347-2-13:2014+A1:2017 ENEC certificate No: 35-125187 REV.1

### 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+A1:2021 Class C( $\geq 50\%$  load)

Voltage flicker EN 61000-3-3:2013+A1:2019+A2:2021

#### EMS (Electro-Magnetic Susceptibility)

EN IEC 61547:2023

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 3 10V/m

EFT bursts EN 61000-4-4:2012 Level 3 2KV/5KHz/Power line

EFT bursts EN 61000-4-4:2012 Level 3 1KV/5KHz/Control line

Surge susceptibility EN 61000-4-5:2014+A1:2017 Level X 4KV/Line-Line

Surge susceptibility EN 61000-4-5:2014+A1:2017 Level X 6KV/Line-Earth

Surge susceptibility EN 61000-4-5:2014+A1:2017 Level 2 1KV/ Control line -Earth

Conducted susceptibility EN IEC 61000-4-6:2023 Level 3 10V

Magnetic field immunity EN 61000-4-8:2010 Level 4 30A/m

Voltage dip, interruption EN IEC 61000-4-11:2020 70% residual voltage for 10 periods , 0% residual voltage for 0.5 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(except XLG-100-x-y(x=12,24;y=A or blank) and XLG-100-12/24-CV)).

This Declaration is effective from serial number GC4xxxxxx

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, GroupR & D :

(Name / Position)

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Sep.26th, 2024

(Date)