



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)

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) :

EN61347-1:2015; EN61347-2-13:2014+A1:2017

ENEC certificate No: 35-108270REV.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 Class C ($\geq 50\%$ load)

Voltage flicker EN61000-3-3:2013+A1:2019

EMS (Electro-Magnetic Susceptibility)

EN61547:2009

ESD air	EN61000-4-2:2009	Level 4	15KV
ESD contact	EN61000-4-2:2009	Level 4	8KV
RF field susceptibility	EN61000-4-3:2006+A1:2008+A2:2010	Level 3	10V/m
EFT bursts	EN61000-4-4:2012	Level 3	2KV/5KHz/Power line
EFT bursts	EN61000-4-4:2012	Level 3	1KV/5KHz/Control line
Surge susceptibility	EN61000-4-5:2014+A1:2017	Level X	4KV/Line-Line
Surge susceptibility	EN61000-4-5:2014+A1:2017	Level X	6KV/Line-Earth
Surge susceptibility	EN61000-4-5:2014+A1:2017	Level 2	1KV/ Control 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	EN IEC 61000-4-11:2020 30% dip 10periods 100% interruptions 0.5periods		

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)).

This Declaration is effective from serial number GC1xxxxxx

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)

Aries
(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

[Signature]
(Signature)

Taiwan

(Place)

Aug. 1st, 2021

(Date)