



Declaration of conformity

For the following equipment :

Product Name: LED Driver

Model Designation: ELG-100-xy (x=C1050, C1400, 24, 36, 42, 48, 54; y=blank, A, B, AB, D, D2, DA, ADA, AD2)

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/A1:2017

ENEC certificate No:35-103341

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)

EN61547:2009

ESD air

EN 61000-4-2:2009

Level 4

15KV

ESD contact

EN 61000-4-2:2009

Level 4

8KV

RF field susceptibility

EN 61000-4-3:2006+A1:2008+A2:2010

Level 2

3V/m

EFT bursts

EN 61000-4-4:2012

Level 2

1KV/5KHz

Surge susceptibility

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

Line-Line

4KV

Surge susceptibility

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

Line-Earth

6KV

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
voltage for 0.5 periods

70% residual voltage for 10 periods , 0% residual

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, ELG-100-xy(y=DA or ADA) can only be used behind a switch without permanently connected to the mains.

This Declaration is effective from serial number GC1xxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

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(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)