



UK 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

The designated product(s) is(are) in conformity with the relevant legislation:

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012: SI 2012 No. 3032

Implementing measure COMMISSION REGULATION(EU) No 2019/2020

The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2020

Electrical Equipment (Safety) Regulations 2016 :

BS EN 61347-1:2015+A1:2021

BS EN 61347-2-13:2014+A1:2017

ENEC certificate No: 35-125187 REV.1

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN IEC 55015:2019+A11:2020

Harmonic current

BS EN IEC 61000-3-2:2019+A1:2021

Class C($\geq 50\%$ load)

Voltage flicker

BS EN 61000-3-3:2013+A1:2019+A2:2021

EMS (Electro-Magnetic Susceptibility)

BS EN IEC 61547:2023

ESD air

BS EN 61000-4-2:2009

Level 4 15KV

ESD contact

BS EN 61000-4-2:2009

Level 4 8KV

RF field susceptibility

BS EN IEC 61000-4-3:2020

Level 3 10V/m

EFT bursts

BS EN 61000-4-4:2012

Level 3 2KV/5KHz/ Power Line

EFT bursts

BS EN 61000-4-4:2012

Level 3 1KV/5KHz/ Control Line

Surge susceptibility

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

Level X 4KV/Line-Line

Surge susceptibility

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

Level X 6KV/Line-Earth

Surge susceptibility

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

Level 2 1KV/ Control Line-Earth

Conducted susceptibility

BS EN IEC 61000-4-6:2023

Level 3 10V

Magnetic field immunity

BS EN 61000-4-8:2010

Level 4 30A/m

Voltage dip, interruption

BS EN IEC61000-4-11:2020

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 Regulations 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, Group R&D :

(Name / Position)

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Sep.26th, 2024

(Date)