



## UK Declaration of Conformity

For the following equipment :

Product Name: LED driver

Model Designation: HVGC-650X-Y-Z (X=A,Blank; Y=L,M,H,U; Z=Blank,AB,D2,Dx,DA,PL)

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(EC) 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

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

ENEC certificate No :35-111691

### 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 class C( $\geq 50\%$  load)

Voltage flicker BS EN 61000-3-3:2013+A1:2019

#### 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 2 3V/m

EFT bursts BS EN 61000-4-4:2012 Level 2 1KV/5KHz

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 8KV/Line-Earth

Conducted susceptibility BS EN 61000-4-6:2014 Level 2 3V

Magnetic field immunity BS EN 61000-4-8:2010 Level 2 3A/m

Voltage dip, interruption BS EN IEC 61000-4-11:2020 <5% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , <5% residual voltage for 250 cycles

#### 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

This Declaration is effective from serial number GC6xxxxxxx

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)

Eris Wu/ Director, Group R&D :

(Name / Position)

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Feb. 10th, 2026

(Date)