



Declaration of conformity

For the following equipment :

Product Name: LED Driver

Model Designation:

XLC-60-x-ysz (x=12, 24, 48, H; y=Blank, B or DA2; s=Blank or S; z=Blank or N; when x=12, 24, 48, z=Blank; when x=H, z=Blank or N; when y, s and z= Blank, the last '-' will be omitted)

XLN-60-xy (x=12, 24, 48, or H; y=Blank, -B or -DA2) ; XLC-60-H-KNS, XLC-60-H-KN

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) 2019/2020

Low Voltage Directive (2014/35/EU) :

EN 61347-1:2015+A1 ; EN 61347-2-13:2014+A1

ENEC certificate No: HN 69291103

ENEC certificate No: HN 69291117

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

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 3

8KV

ESD contact

EN 61000-4-2:2009

Level 2

4KV

RF field susceptibility

EN IEC 61000-4-3:2020

Level 2

3V/m

EFT bursts

EN 61000-4-4:2012

Level 2

1KV /Power Line

EFT bursts

EN 61000-4-4:2012

Level 2

0.5KV/ Control Line

Surge susceptibility

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

Level 3

1KV/Line-Line

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

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).

This Declaration is effective from serial number GC5xxxxxxx

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)

Jan. 15th, 2025

(Date)