Declaration of Conformity

For the following equipment：

Product Name: LED driver

Model Designation: HLG-xH-yz; HLN-xH-yz; HLP-xH-Y (x=40,60; y=12, 15, 20, 24, 30, 36, 42, 48, 54; z=blank A, B, D)

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	TUV certificate No : R50213993(HLG/HLN-40/60H) TUV certificate No : R50212337(HLP-40/60H)

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(≧60% load)
Voltage flicker	EN 61000-3-3:2013+A1:2019	

EMS (Electro-Magnetic Susceptibility)

EN 61547:2009

ESD air	EN 61000-4-2:2009	Level 4	15KV
ESD contact	EN 61000-4-2:2009	Level 4	8KV
RF field susceptibility	EN IEC 61000-4-3:2020	Level 2	3V/m
EFT bursts	EN 61000-4-4:2012	Level 2	1KV/5KHz
Surge susceptibility	EN 61000-4-5:2014+A1:2017	Level 4	2KV/Line-Line
Surge susceptibility	EN 61000-4-5:2014+A1:2017	Level 4	4KV/Line-Earth
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	<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 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

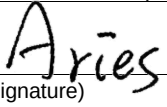
This Declaration is effective from serial number GC1xxxxxxx

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)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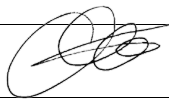
Alex Tsai/ Director, Product Strategy Center：
(Name / Position)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Taiwan
(Place)

Aug. 16th, 2021
(Date)

Declaration of Conformity

For the following equipment：

Product Name: LED driver

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Surge susceptibility	EN 61000-4-5:2014+A1:2017	Level 4	2KV/Line-Line
Surge susceptibility	EN 61000-4-5:2014+A1:2017	Level 4	4KV/Line-Earth
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	<5% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , <5% residual voltage for 250 cycles	

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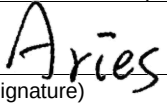
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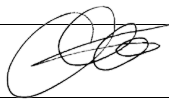
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Taiwan
(Place)

Aug. 16th, 2021
(Date)

UK Declaration of Conformity

For the following equipment：

Product Name: LED Driver

Model Designation: HLG-WX-YZ
(W=100,120,150 or 185; X=H or blank; Y=12,15,20,24,30,36,42,48,54; Z=A,B ,AB or blank)

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 2019

Electrical Equipment (Safety) Regulations 2016：

BS EN 61347-1:2015
BS EN 61347-2-13:2014+A1:2017 ENEC certificate No : R50185176

Electrical Compatibility Regulations 2016：

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission
BS EN 55015:2013+A1:2015

Harmonic current	BS EN 61000-3-2:2014	Class C(≧50% load)	
Voltage flicker	BS EN 61000-3-3:2013		

EMS (Electro-Magnetic Susceptibility)

BS EN 61547:2009

ESD air	BS EN 61000-4-2:2009	Level 3	8KV
ESD contact	BS EN 61000-4-2:2009	Level 2	4KV
RF field susceptibility	BS EN 61000-4-3:2006+A1:2008+A2:2010	Level 2	3V/m
EFT bursts	BS EN 61000-4-4:2012	Level 2	1KV/5KHz
Surge susceptibility	BS EN 61000-4-5:2014	Level 4	2KV/Line-Line
Surge susceptibility	BS EN 61000-4-5:2014	Level 4	4KV/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 61000-4-11:2004	30% dip 10 periods	100% interruptions 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.
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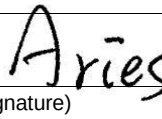
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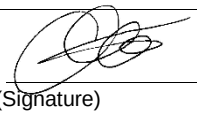
Alex Tsai/ Director, Product Strategy Center：
(Name / Position)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Taiwan
(Place)

May. 27th, 2021
(Date)

Version：0

UK Declaration of Conformity

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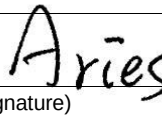
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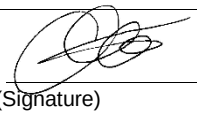
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