Declaration of Conformity

For the following equipment：

Product Name: LED driver

Model Designation: xLy-45-z;
xLy-60-z (x= P; y=C or N; z=12, 15, 20, 24, 27, 36, 48)

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：R50102381(PLC-45/PLC-60)
TUV certificate No：R50164158(PLN-45/PLN-60)

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(≧75% 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 3	1KV/Line-Line
Surge susceptibility	EN 61000-4-5:2014+A1:2017	Level 3	2KV/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.

PLN-60-12 is used for any light source that exempt from the ErP-Directive (EU) 2019/2020 requirement, for example this model could be use for signalling products. (including, but not limited to road-, railway-, marineorair traffic-signalling , traffic control or airfield lamps)

This Declaration is effective from serial number GC1xxxxxxx

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)
(Signature)

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

Taiwan
(Place)

Aug. 16th, 2021
(Date)

Version：7