



UK Declaration of Conformity

For the following equipment :

Product Name: LED Driver

Model Designation: NHDD-40-100, NHDD-40-100W

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

Electrical Equipment (Safety) Regulations 2016 :

BS EN 61347-1:2015

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

LVD certificate No: 4378128.01AOC

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

Voltage flicker

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

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 IEC 61000-4-3:2020

Level 2 3V/m

EFT bursts

BS EN 61000-4-4:2012

Level 1 0.5KV/5KHz

Conducted susceptibility

BS EN 61000-4-6:2014

Level 2 3V

Magnetic field immunity

BS EN 61000-4-8:2010

Level 2 3A/m

Note:

A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on <http://www.meanwell.com>)" and TDF (Technical Documentation File).

This Declaration is effective from serial number GC2xxxxxxx

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)

Aries

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

[Signature]

Taiwan

(Place)

Jan. 19th, 2022

(Date)