



Declaration of conformity

For the following equipment :

Product Name: LED Driver

Model Designation: HBG-160-xy (x= 24, 36, 48 or 60; y=blank, A, B, AB, E)

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 EN61347-2-13:2014+A1

TUV certificate No: R50256469

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN55015:2013+A1:2015

Harmonic current

EN61000-3-2:2014

Class C ($\geq 75\%$ load)

Voltage flicker

EN61000-3-3:2013

EMS (Electro-Magnetic Susceptibility)

EN61547:2009

ESD air

EN61000-4-2:2009

Level 3

8KV

ESD contact

EN61000-4-2:2009

Level 2

4KV

RF field susceptibility

EN61000-4-3:2006+A1:2008+A2:2010

Level 2

3V/m

EFT bursts

EN61000-4-4:2012

Level 2

1KV/5KHz

Surge susceptibility

EN61000-4-5:2014

Level 4

2KV/Line-Line

Surge susceptibility

EN61000-4-5:2014

Level 4

4KV/Line-Earth

Conducted susceptibility

EN61000-4-6:2014

Level 2

3V

Magnetic field immunity

EN61000-4-8:2010

Level 2

3A/m

Voltage dip, interruption

EN61000-4-11:2004

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 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 GC1xxxxxx

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)

Aries
(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

[Signature]
(Signature)

Taiwan

(Place)

Aug. 1st, 2021

(Date)



Declaration of conformity

For the following equipment :

Product Name: LED Driver

Model Designation: HBG-160-xDA, (x=24,36,48,60) ; HBG-200-xy (x=36,48,60,y=A,B,AB,DA or Blank)

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 EN61347-2-13:2014/A1:2017

ENEC certificate No: 35-101864

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN55015:2013+A1:2015

Harmonic current EN61000-3-2:2014 Class C ($\geq 60\%$ load)

Voltage flicker EN61000-3-3:2013

EMS (Electro-Magnetic Susceptibility)

EN61547:2009

ESD air EN61000-4-2:2009 Level 3 8KV

ESD contact EN61000-4-2:2009 Level 2 4KV

RF field susceptibility EN61000-4-3:2006+A1:2008+A2:2010 Level 2 3V/m

EFT bursts EN61000-4-4:2012 Level 2 1KV/5KHz

Surge susceptibility EN61000-4-5:2014 Level 4 2KV/Line-Line

Surge susceptibility EN61000-4-5:2014 Level 4 4KV/Line-Earth

Conducted susceptibility EN61000-4-6:2014 Level 2 3V

Magnetic field immunity EN61000-4-8:2010 Level 2 3A/m

Voltage dip, interruption EN61000-4-11:2004 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 Directive on the complete installation again.

Tests above are only to be performed with LEDs.

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