

**Product Code: 101.108**

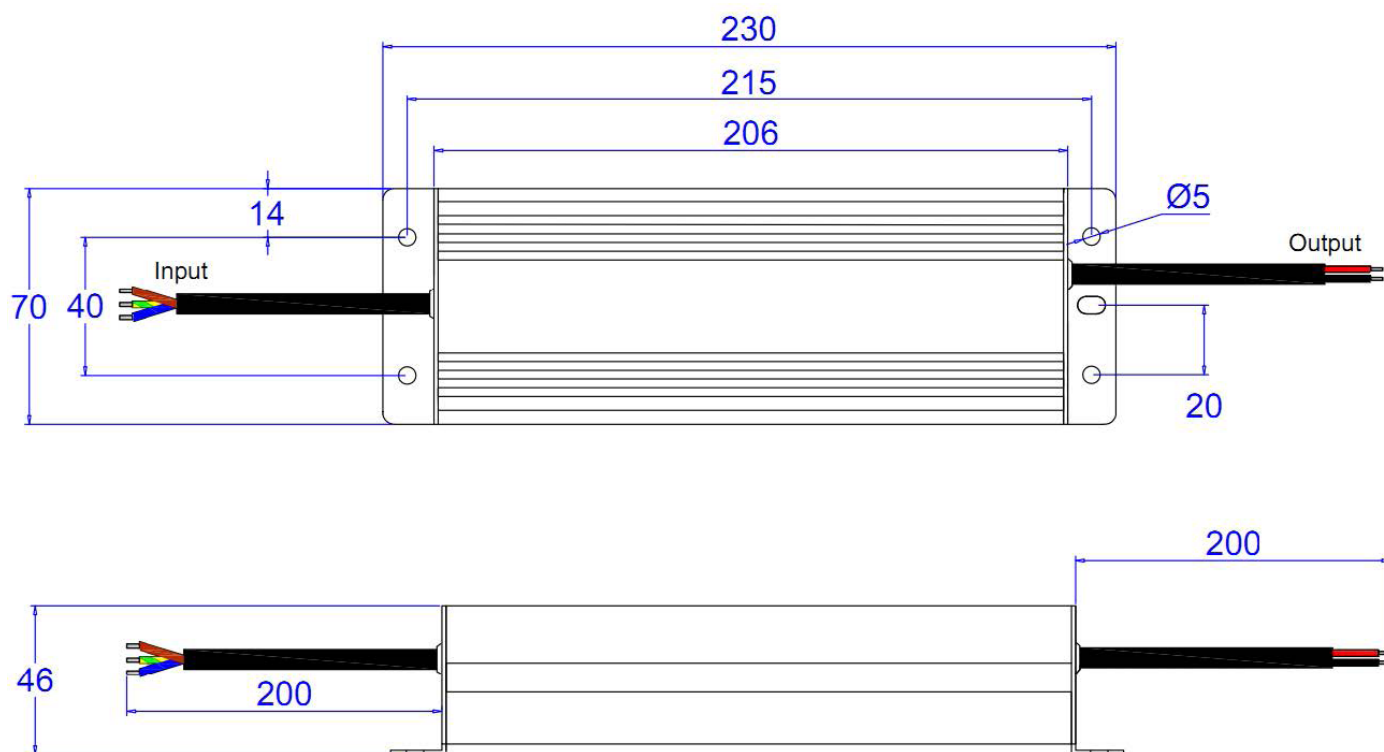
**Features**



- Dimmable
- 100W
- Input Voltage: 180-250VAC
- Output Voltage: 24V
- 70mm x 46mm x 230mm (W x H x L)
- IP66
- Air Cooling System
- Easy installation
- 2 years warranty

Output	DC Voltage	24V
	Voltage Tolerance	±0.5V
	Rated current	4.2A
	Rated power	100W
Input	Voltage Range	180-250VAC (or 90~130VAC)
	Frequency Range	47-63HZ
	Power Factor (Typ)	PF≥0.6/220VAC
	Efficiency (Typ)	86%
	AC Current (Typ)	0.45A
	Leakage current	<0.70mA/220VAC
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
	Over Loading	≥120%
	Over temperature	100°C±10°C (The output voltage will turn off when the temperature is higher then 100°C±10°C, after the temperature drop off ,it will recovery)
Environment	Working TEMP.	-40 - +60°C
	Working Humidity	20~90%RH, non-condensing
	Storage TEM.,Humidity	-40 - +80°C~10 - 95%RH
	TEMP.coefficient	±0.03%/°C (0-50°C)
	Vibration	10-500Hz, 2G 10min./1 cycle,period for 60min. each along X,Y,Z axes
Safety & EMC	Safety standards	EN61347-1 EN61347-2-13
	Withstand voltage	I/P-O/P:3.75KVAC
	Isolation resistance	I/P-O/P: 100MΩ/500VDC/25°C/70%RH
	EMC EMISSION	EN55015,EN61000-3-2,3 (≥50%loading)
	EMC IMMUNITY	EN61000-4-2,3,4,5,6,11(Surge 4KV)
Others	PWM Frequency	380-430HZ
	Net.Weight	1.3Kg
	Size	70mm x 46mm x 230mm (W x H x L)
	Packing	329 x 279 x 176 10PCS
Notes	<p>1. All parameters if NOT specially mentioned are measured at 220VAC input , rated load and 25°Cof ambient temperature.</p> <p>2. To extend the driver's using life ,please reduce the loading when start the drivers at lower input voltage.</p> <p>3.Loading should be 5-100%</p>	

## Mechanical Specification

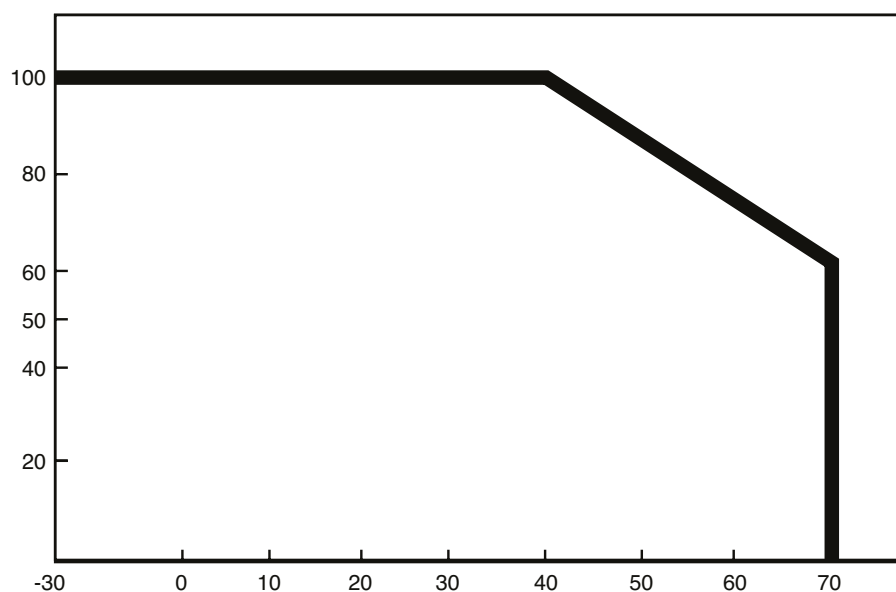


- Input Brown with AC (L), Blue with AC(N)
- Output Red is (DIM+) ,Black is (DIM-)
- Note: Any other requests we can customized.

## Dimming Operation

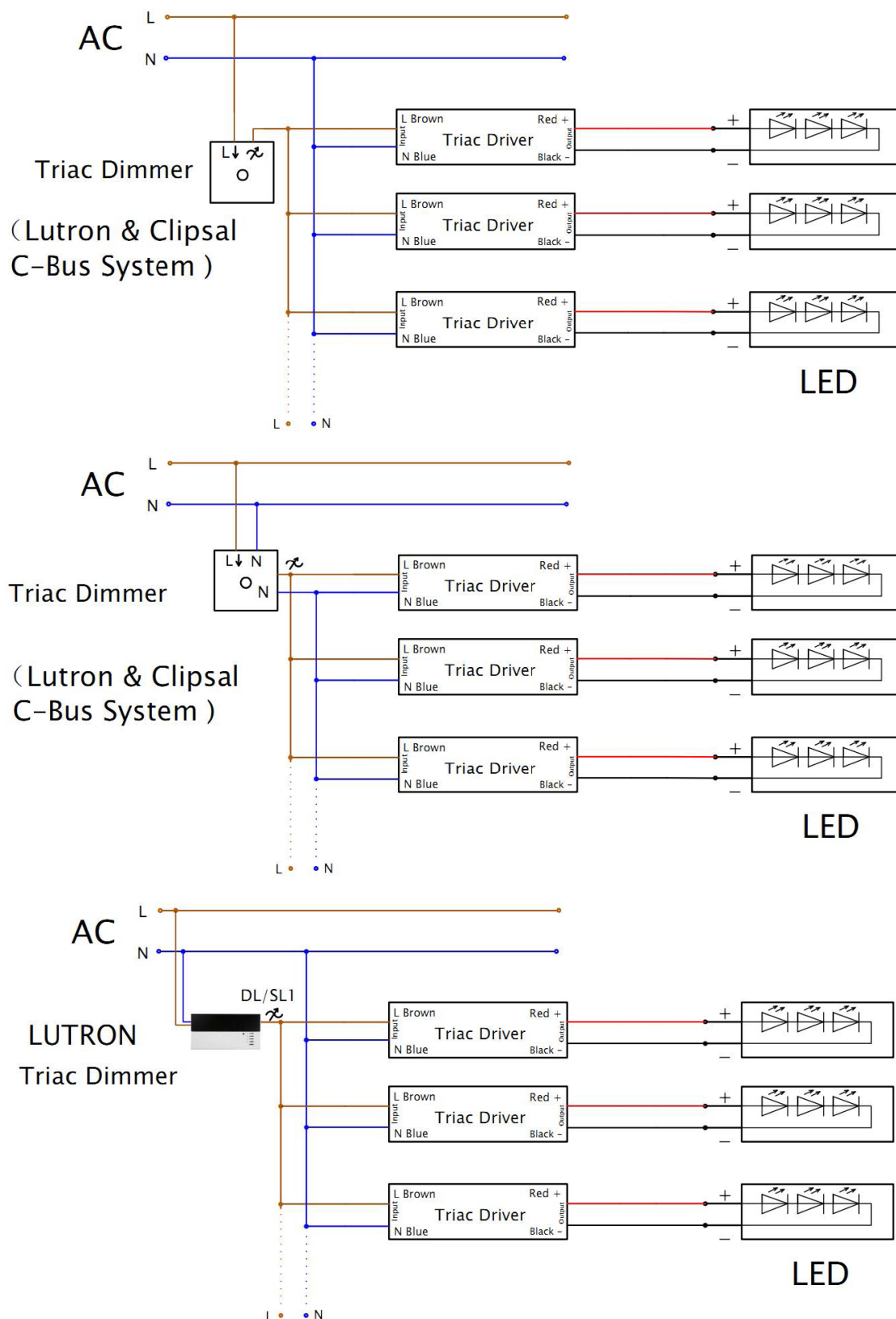
- Output constant current level can be adjusted through input terminal of the AC phase line(L) by connecting to a triac dimmer.
- Compatible with leading edge or tailing edge triac dimmers.

## Derating Curve



To extend the operational life span, please refer to the Derating Curve and derate according to the temperature.

## Connecting Diagram



If you require Technical support or for general enquiries, Please do not hesitate to contact one of our LED Technical experts on the contact information provided.

**Telephone:** 01260 540014

**Opening times:** Mon-Thur: 8:30am - 5:30pm / Fri: 8:30am - 5:00pm

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We reserve the right to change specifications without notice. E&OE