



## PE715 120W TRIAC dimming driver



### Features :

- Protection style: short circuit /over current /over voltage/over temperature
- Natural air cooling
- Compatible with FPC and RPC dimmer and dimming system
- Large wiring terminal
- Suitable for LED commercial lighting and home lighting
- No load safe protective device
- Simple installation
- Measure up to the world lighting equipment safety standard
- Protection class II
- Three year warranty

### Description

PE715 is one of the constant voltage dimming LED driver developed by our company with high power factor, high efficiency, high precision, the use of the efficient stable low loss switch control chip and the high performance components makes it with low noise, energy saving, environmental protection, long life and other characteristics.

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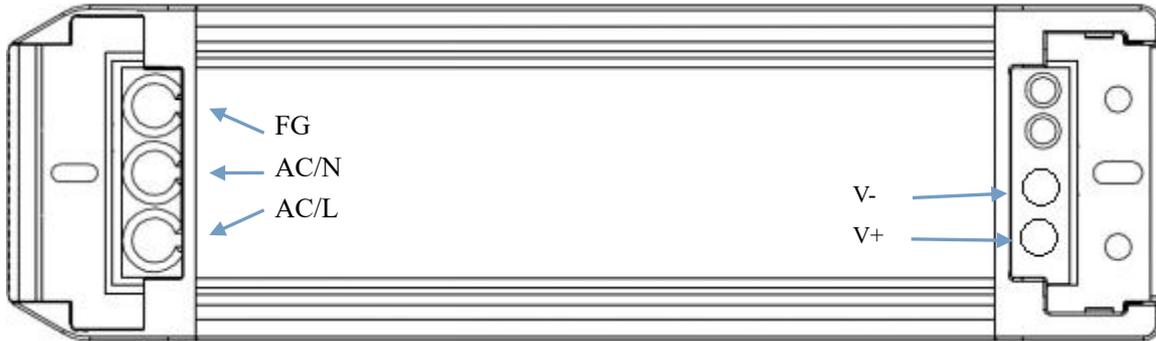


**Electrical Features**

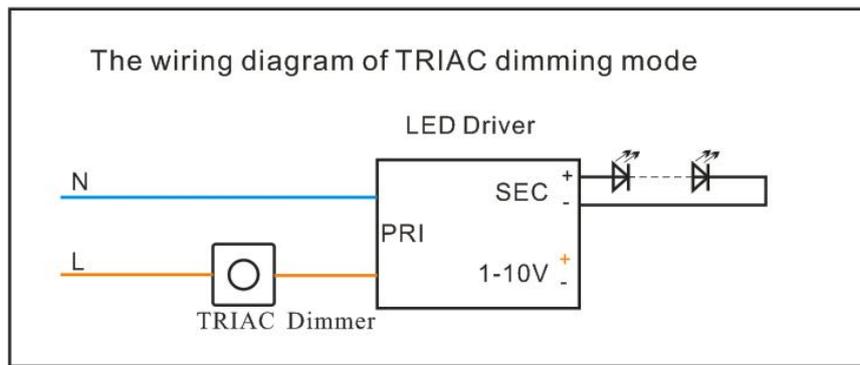
Model No.		<b>PE715-12V</b>	<b>PE715-24V</b>
Output	Rated Power	120W	120W
	Constant Voltage	12V	24V
	Voltage Accuracy	±1%	±1%
	Max Current	10A	5A
	Line Regulation	±0.5%	±0.5%
	Load Regulation	±0.5%	±0.5%
	Ripple	150mVp-p	200mVp-p
	Start, rise time	1000ms,80ms / 230VAC(Full Load)	
	Retention time	16ms/230VAC	
Input	Voltage range	180~265VAC	
	Frequency range	47 ~ 63Hz	
	PFC	PF>0.55	
	Efficiency(Typ.)	85%	85%
	AC current	0.68A/230VAC	
	Surge voltage (Typ.)	Cool boot:70A/230VAC	
	Leakage current	<0.75mA /265VAC	
Environment	Operating temperature	-40~ +70°C	
	Operating humidity	20-85%RH	
	Storage temperature humidity	-40~ 85°C 10~95%RH	
	Temperature coefficient	±0.03%/°C (0-60°C)	
Other	Dimensions	(L*W*H) = 267mm * 60mm * 40mm	
	Package		



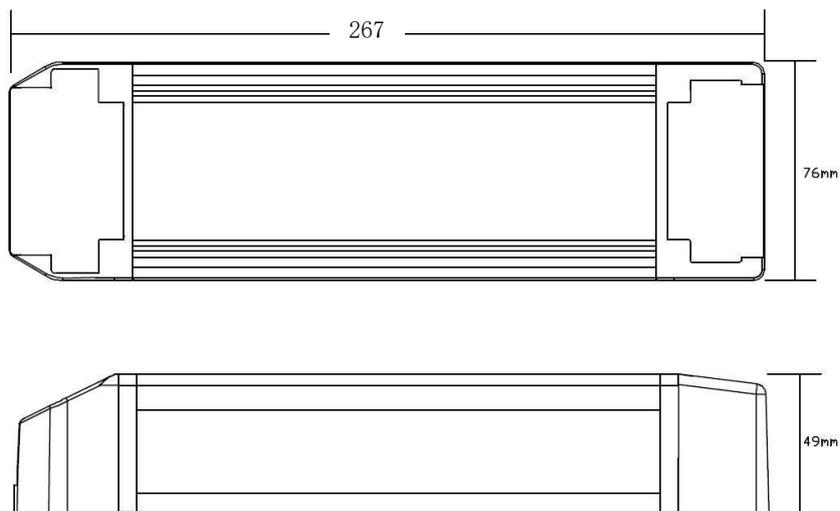
**Operation method**



※ In series with the power of fire wire L and TRIAC dimmers, can realize the dimming



**Product Boundary Dimension**





## Wiring

The input end: the wire of 16AWG-6AWG (1.25 mm<sup>2</sup> -12.5 mm<sup>2</sup>), wire stripping requirement: 9-10mm.  
The output end: the wire of 22AWG-12AWG (0.315 mm<sup>2</sup> -3.15 mm<sup>2</sup>), wire stripping requirement 6-7mm.

## Instruction

This product has a press line cap at the input, with self-locking clamping, it can be opened up with a screwdriver, then you will see the input terminal connected with the AC line L and the null line N. The output terminal connect according to the product label, notice positive and negative pole.

Note:

\* \* 1: please pay attention to the distinction between input and output, connect correctly, then power on

## FAQ:

1, the LED lamp can't light after the dimming driver was connected at the first time ,please turn off the AC input and check as follow:

A) Whether or not DC output bad contact;

B)Whether DC output polarity is reversed, or the LED board is welded wrong;

C)Whether AC input is bad contact; test after troubleshooting.

2, the device has good connection, LED lights, but the LED flicker, please turn off the AC input, then check the DC output:

a) overload, under load.

b) Whether or not the parameters and actual parameters match.

3, please communicate with us if you any questions in the using, we will try our best to solve the problems for you.

## Statement

The pictures and specifications is for reference only, in kind prevail, specifications are subject to change with further notice.