

Product Features

- Wide input Voltage range 100-277VAC
- PF>0.95,PWM output method
- Triac dimming;0-10V/1-10v/Potentiometer/10v PWM 5 in 1
- Dimming function:Phase dimming: work with forward phase /leading edge ,MLV and Reversephase /trailing edge ,ELV,TRIAC dimmers
- Support triac dimming (Leading/trailing edge)
- Excellent dimming effect&strong compatibility
- IP Grade:67,suitable for indoor and outdoor usage
- Short circuit&over-current&over-voltage protection
- CE SAA TUV ETL passed
- Natural wind heat dissipation
- long lifespan 5 years warranty



WARNING

The dimming product is only suitable for direct drive LEDs. If there is a circuit drive LED or load with capacitance inside the LED,it is not suitable for this dimming power supply.

MV030 Series

Model		ARC-PS30-24V-IP67-DIM			
Output	Voltage	12V	24V	36V	48V
	Current	2.5A(Max)	1.25A(Max)	0.83A(Max)	0.62A(Max)
	Power	30W	30W	30W	30W
	Efficiency Full load	84%@110VAC	84%@110VAC	84%@110VAC	84%@110VAC
		85%@230VAC	85%@230VAC	85%@230VAC	85%@230VAC
Input					
	Input Voltage	100-277VAC			
	Frequency	50/60Hz			
	Power Factor	PF>0.98@110VAC PF>0.95@240VAC			
	THD	<15%@230V			
	Standby Power	<2W			
Protection	Current	0,30Amax@110VAC 0.14Amax@240VAC			
	Inrush Current	Cold start 10A(twidth=100us measured at 80% Ipeak)@230VAC			
	Short Circuit	Hiccup,recovers after restart			
	Over Voltage	Hiccup,recovers after fault condition is removed			
Safety& EMC	Over Load	Hiccup,recovers after fault condition is removed			
	Over Temperature	No Output ,recovers after temperature<110℃			
	Surge	L-N:2KV,L,N-PG:4KV			
Environment	Withstand Voltage	I/P-O/P:3.75KVAC/1min/5mA;I/P-GND:2KVAC/1min/5mA			
	Safety Standards	IEC/EN61347-1,IEC/EN61347-2-13			
	Working Temp	-25℃~60℃			
Others	Storage Temp	-40℃~85℃			
	Tc	85℃			
	IP Rating	IP67			
Others	Dimension	150*44*32mm			
	Weight	450g			

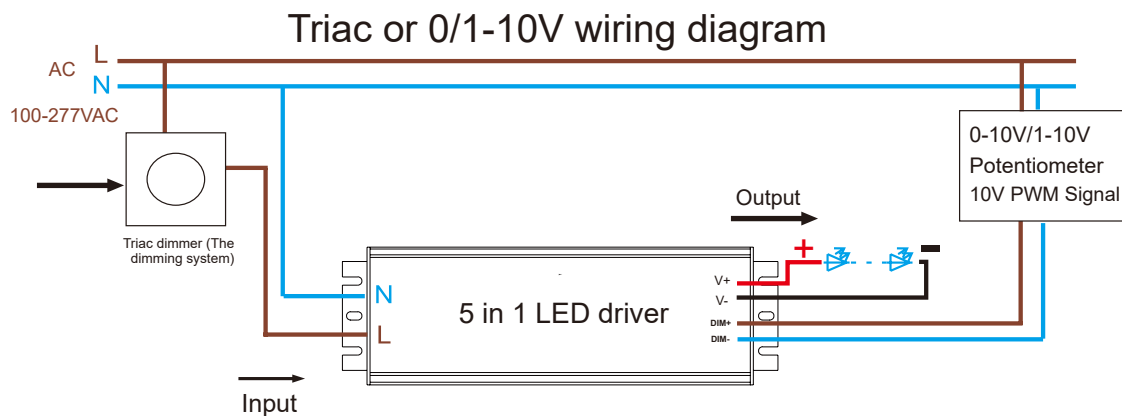
///ArcLED

Note:

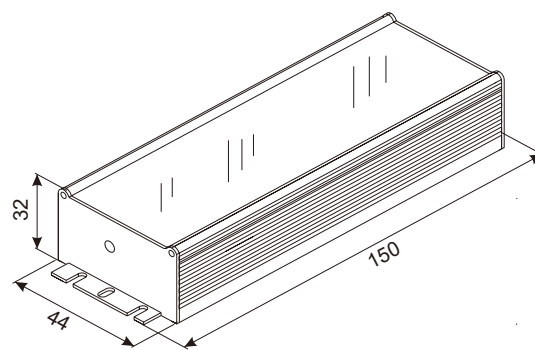
1. Unless otherwise specified, all specifications and parameters shall be measured at the input of 230VAC, rated load and ambient temperature of 25℃.
2. Ripple and noise measurement method: A 12" twisted-pair line with 0.1uF and 47uF capacitors in parallel should be used for measurement under 20MHZ bandwidth.
3. The start time is measured under the starting of the cold machine. Frequent switching on and off may increase the start time.
4. The driver is regarded as a component used in combination with the terminal equipment. Since the EMC is affected by the whole device, the manufacturer of the terminal equipment needs to reconfirm the EMC of the whole device.

ARC-PS30-24V-IP67-DIM

Installation Introduction

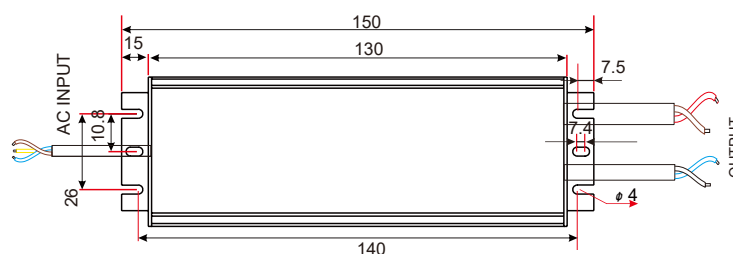


Dimensions Chart



Unit:mm

Install size



Unit:mm