

EUP75A-1H24V-1WP

1-10V Constant Voltage Dimming Driver

Summary

EUP75A-1H24V-1WP is a constant voltage mode output LED driver. This driver can be controlled by external signal (1-10V active signal, adjustable resistance and PWM signal) to achieve a smooth dimming effect.

Product Features

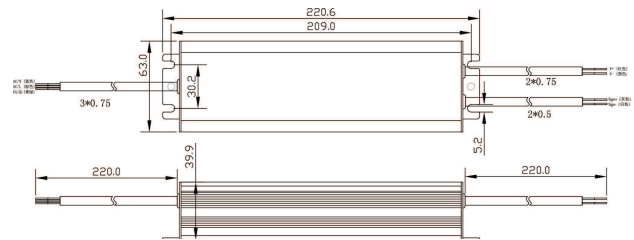
- Single channel constant voltage output,3.1A Max
- Support 3-in-1 dimming mode(1-10V active signal, adjustable resistance and PWM signal)
- High input voltage of 220VAC ~ 240VAC
- Dimming range of 1-100%, and dimming effect smooth, no flicker
- 100% output when no dimming signal input, can be used as normal power supply
- Over load protection; over voltage protection; short circuit protection; Over temperature
- IP65, suitable for outdoor LED lighting application

Technical Parameters

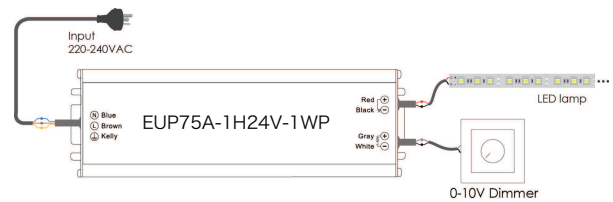
Model		EUP75A-1H24V-1WP
Output	Channels	1
	Voltage	24VDC
	Current	3.1A
	Power	74.4W
	Voltage Accuracy	±3%
	R & N (Max)	200mVp-p
Input	Voltage	220VAC-240VAC
	Frequency	50/60Hz
	Efficiency	>90%@230VAC,full load
	Current	0.9Amax@230VAC
	Inrush current	Cold start 40A@230VAC
Protection	Over voltage	Hiccup, recovers after fault condition is removed
	Over load	Hiccup, recovers after fault condition is removed
	Short circuit	Hiccup, recovers after fault condition is removed
	Over temperature	Shut down and auto-restart after normal temperature
Function	Dimming mode	1-10V active signal, adjustable resistance and PWM signal
Others	Dimension	221*63*40 mm(L*W*H)
	G.W.	880g
	Packing size	324*244*229mm(L*W*H), 20Pcs/Carton
	IP rating	IP65
	Working temp.	-20°C ~ 50°C
	Relative humidity	20~90% RH



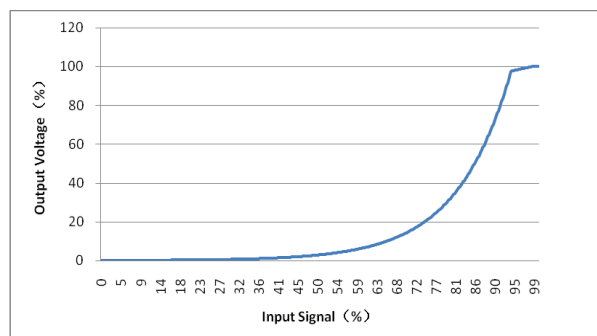
Dimension (mm)

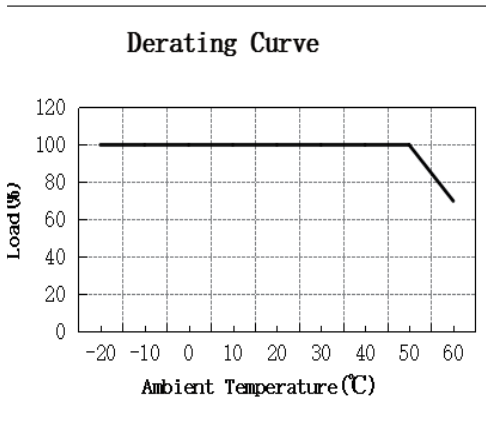


Wiring Diagram



Dimming Curve



Derating Curve**Cautions**

- 1.The product shall be installed and serviced by a qualified person.
- 2.Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- 3.Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- 4.Please check if the output voltage and current of any LED power supplies used comply with the requirement of the product.
- 5.If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.