

POWER SUPPLY CV 2.4G 75W 40-240VAC 24V IP20 DIM 1H-2

SKU: E9080401-001



Summary

EUP75R-1H24V-0 is a constant voltage mode output LED driver. This driver could be controlled by the 2.4G remote RC14 or RC11 to dim lightings. Each driver could at the same time be matched and controlled by 10 remotes, and one remote can match unlimited drivers.

Product Features

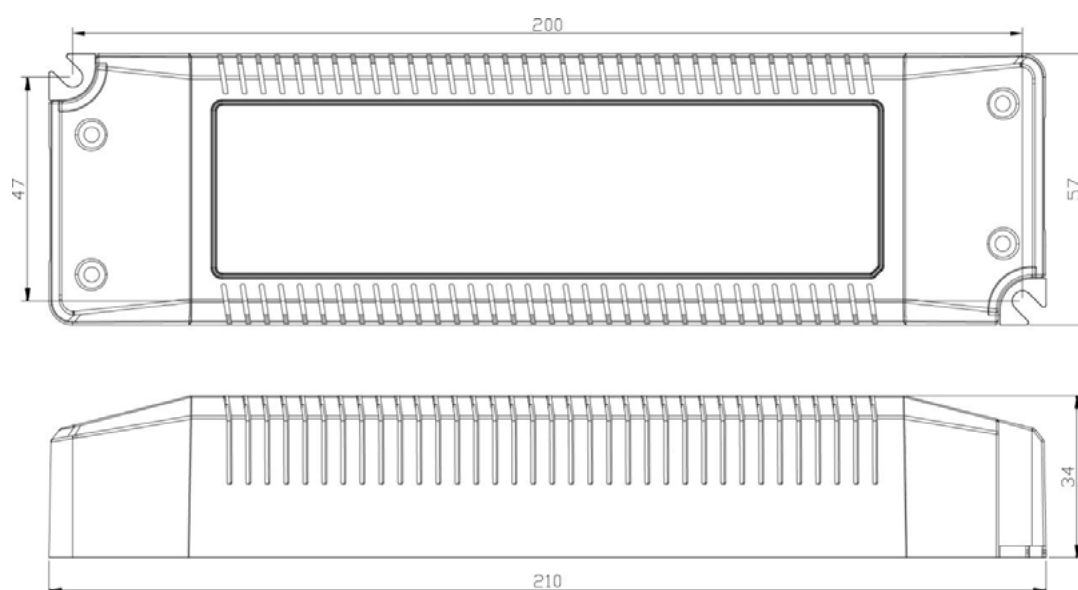
- Single channel constant voltage output,24V
- Using 2.4GHz RF remote control
- High range of input voltage 200VAC ~ 240VAC
- High efficiency up to 89%
- Dimming effect smooth, no flicker
- Over load protection ,short circuit protection
- Suitable for indoor LED lighting application

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Technical Parameters

Model		EUP75R-1H24V-0
Output	Voltage	24VDC
	Current	3.1A
	Power	74.4W
	Voltage accuracy	±3%
	R & N (Max)	200mVp-p
	Channels	1
Input	Voltage	200– 240VAC
	Frequency	50/60Hz
	Power factor	≥0.5@230VAC,full load
	Efficiency	89%@230VAC,full load
	Current	0.9Amax@230VAC
	Inrush current	40A@230VAC
Protection	Short circuit	Close the output, restart to recover since fault condition is removed for 10s
	Over load	Limit the power to 110%-150% of rated output power
Function	Dimming	2.4GHz RF remote control
	Optional remote control	RC14,RC11
Others	Dimension	210*57*34 mm (L*W*H)
	G.W	300g
	Working temp.	-20°C ~ 40°C
	Relative humidity	20~90% RH

Dimension(mm)



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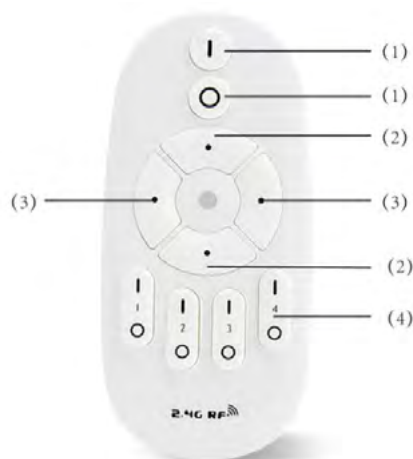
Wiring Diagram



Caution

1. The product shall be installed and serviced by a qualified person.
2. This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
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. Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
6. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
7. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

2.4G Remote control RC14(Optional)



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● Button Functions:

- (1) **ALL ON/ALL OFF:** Press the button to turn on or turn off the led driver which be matched to this remote.
- (2) **Brightness+/Brightness-:** Adjust the LED lights brightness. Press and hold to adjust quickly.
- (3) **Highest Brightness /Lowest Brightness:** Set brightness to highest level or lowest level directly.
- (4) **Group ON/Group OFF:** Press the button to turn on or turn off the lights which be matched to this group.

● Match code and grouping:

The remote control can be used after the remote match the code with the led driver, the method is as following:

Choose the led driver that you want to divide the group, then turn off the power for 10 seconds, then turn on the power switch, at the same time when you turn on the power (in 3 seconds), press the button "Group ON" of the group you want. The lights connecting to the driver will flick for 3 times, and then this group is set successfully. The other groups can also be set by the same method.

Remark: One led driver can only match one group of the same remote, but one remote group can match countless led drivers, and one led driver can match 10 remotes.

● Clear code and regroup:

If the room layout are changed, or you want to make a little adjustment upon your fond, then you may want to change the previous groups. Before regrouping, you need to clear the code, the method is as following:

Full clear code: Choose the led driver you want to clear the code (If more than one driver needs to be clear, the operation is performed at the same time.) , turn off the power for 10 seconds, then turn on the power again. Within 3 seconds, press the " All ON " button quickly for 6 times, the lamp connected to the LED driver will flick quickly for 6 times, then the code is cleared successfully, and it can't be controlled by all the remote control.

Group clear code: If you do not need to regroup, only clear code for a group of remote control, choose the led driver you want to clear the code (If more than one driver needs to be clear, the operation is performed at the same time.) , turn off the power for 10 seconds, then turn on the power again. Within 3 seconds, press the corresponding "Group ON " button quickly for 6 times, the lamp connected to the LED driver will flick quickly for 6 times, then the code is cleared successfully, but it can be controlled by other remote controls.

After the code is cleared, the method of setting the group is totally the same as the principle of "matching the code and grouping"

Remark: The remote should not put in the area with large-scale metal or near strong electromagnetic wave region; otherwise the communication distance will be seriously affected.