

3-Button RF LED Dimmer

- 1 channel constant voltage single color LED RF dimmer.
- 5A output, connect with 5 meters single color LED strip.
- 3 button operation with on/off and dimming.
- Match with 2.4G single zone or multiple zone single color remote control optional.
- 4096 levels 0-100% dimming smoothly without any flash.
- Available in white or black.

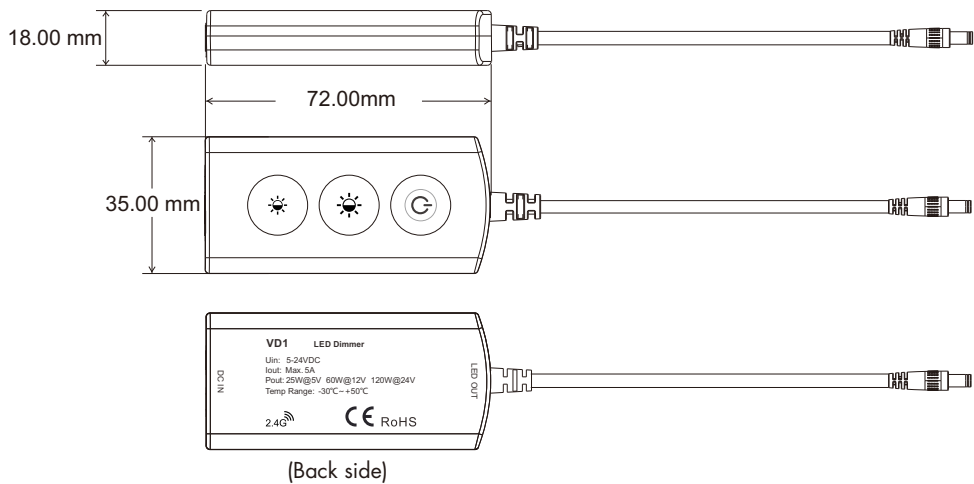


CE RoHS

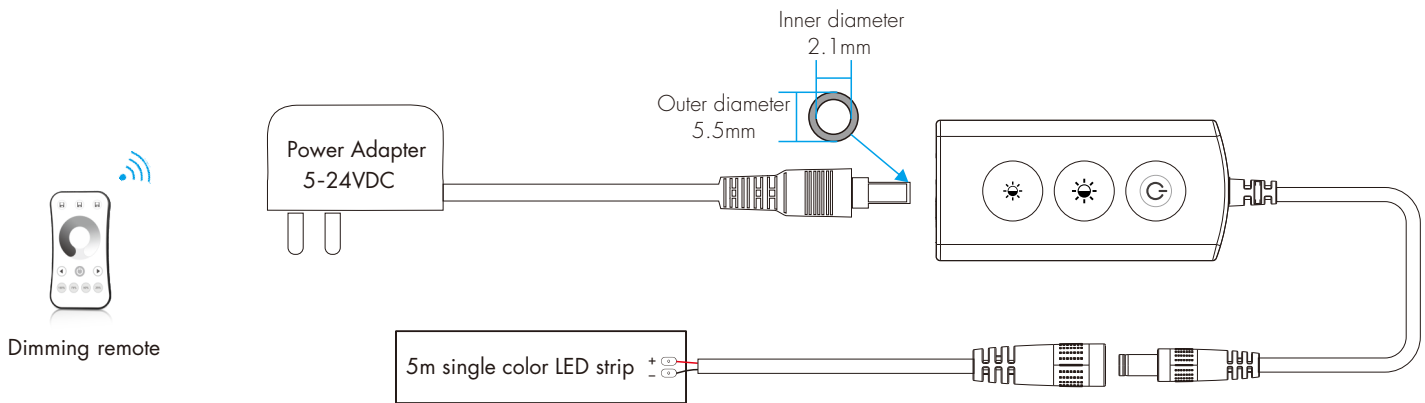
Technical Parameters

Input and Output		Dimming data		Safety and EMC	
Input voltage	5-24VDC	Input signal	3 button + RF 2.4GHz	EMC standard	EN IEC 55015/ EN IEC 61547 ETSI EN 301 489-1/-3
Output voltage	5-24VDC	Control distance	30m(Barrier-free space)	Safety standard	EN 61347-1/-2
Output current	Max. 5A	Dimming gray scale	4096 (2^12) levels	Radio Equipment	ETSI EN 300 440
Output power	25W@5V 60W@12V 120W@24V	Dimming range	0-100%	Certification	CE RoHS
Environment		Dimming curve	Logarithmic	Package	
Operation temperature	Ta: -30℃ ~ +50℃	PWM Frequency	2KHz (default)	Size	L120 x W43 x H27mm
Case temperature (Max.)	Tc: +85℃	Warranty	5 years	Gross weight	0.013kg
		Protection	Over-heat, Short circuit		

Dimension



Wiring Diagram



Note: Press and hold the (⏻) and (☀️) (Brightness-) button for 2s, output LED flashes 3 times, the light on/off fade time will change between 3s and 0.5s.

Button Function

-  : Turn on or off light.
-  : Brightness +, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.
-  : Brightness -, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

Match Remote Control (optional)

End user can choose the suitable match/delete ways. Two options are offered for selection:

Use and button

Match:
Long press  and  button 2s, the output LED blinks 2 times, immediately press on/off key (single zone remote) or zone key (multiple zone remote) of the remote.
The output LED blinks 3 times means match is successful.

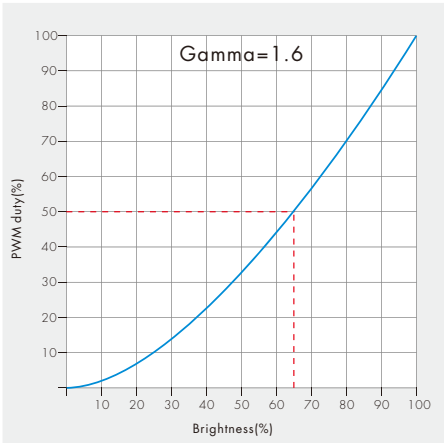
Delete:
Press and hold  and  button for 5s to delete all match,
The output LED blinks 5 times means all matched remotes were deleted.

Use Power Restart

Match:
Switch off the power, then switch on power again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote.
The output LED blinks 3 times means match is successful.

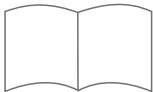
Delete:
Switch off the power, then switch on power again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote.
The output LED blinks 5 times means all matched remotes were deleted.

Dimming Curve

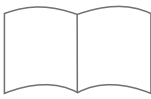


Packing List

White:

- 
LED Dimmer
1 pcs
- 
User Manual
1 pcs
- 
DC Extension Cable
(12cm)
1 pcs

Black:

- 
LED Dimmer
1 pcs
- 
User Manual
1 pcs
- 
DC Extension Cable
(12cm)
1 pcs