

# 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.

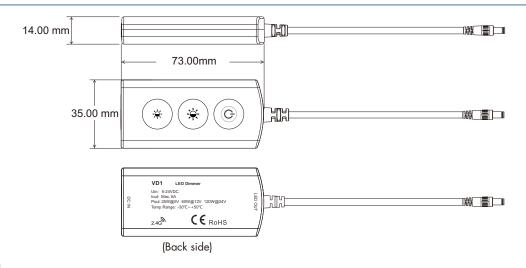


# RoHS RED

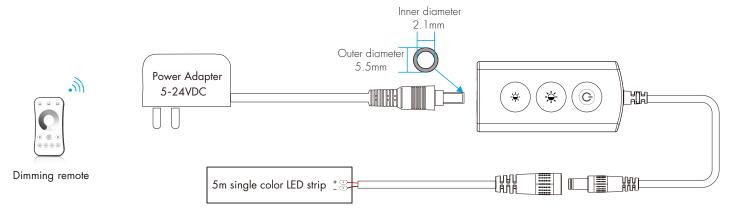
#### **Technical Parameters**

Input and Output		Dimming data		Safety and EMC	
Input voltage	5-24VDC	Input signal	3 button + RF 2.4GHz	EMC standard	EN 62479:2010 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Output voltage	5-24VDC	Control distance	30m(Barrier-free space)		
Output current	Max. 5A	Dimming gray scale	4096 (2^12) levels	Safety standard	EN 61347-1:2015+A1:2021 EN 61347-2-13:2014+A1:2017
Output power	25W@5V 60W@12V 120W@24V	Dimming range	0-100%	Radio Equipment	ETSI EN 300 328 V2.2.2
		Dimming curve	Logarithmic	Certification	CE RED
Environment		PWM Frequency	2KHz (default)	Package	
Operation temperature	Ta: -30°C ~ +50°C	Warranty	5 years	Size	L120 x W43 x H27mm
Case temperature (Max.)	Tc: +85°C	Protection	Over-heat, Short circuit	Gross weight	0.013kg

#### **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.

Press and hold (\*) and (\*) button for 5s to delete all match, The output LED blinks 5 times means all matched remotes were deleted.

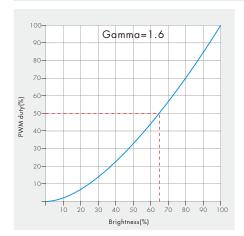
#### Use Power Restart

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.

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



LED Dimmer 1 pcs



User Manual 1 pcs



DC Extension Cable (12cm) 1 pcs