

VD2(WT)

WiFi & RF

WiFi & RF 3-Button CCT LED Dimmer

- WiFi & RF 2 channel constant voltage CCT LED controller.
- Tuya APP cloud control, support on/off, color temperature and brightness adjust, delay turn on/off light, timer run, scene edit function.
- Voice control, support for Amazon Alexa, Google Assistant, Tmall Genie and Xiaodu smart speakers.
- 3 button operation with on/off and CCT adjustment.
- Match with RF 2.4G single zone or multiple zone CCT remote control optional.
- 4096 levels 0-100% dimming smoothly without any flash.

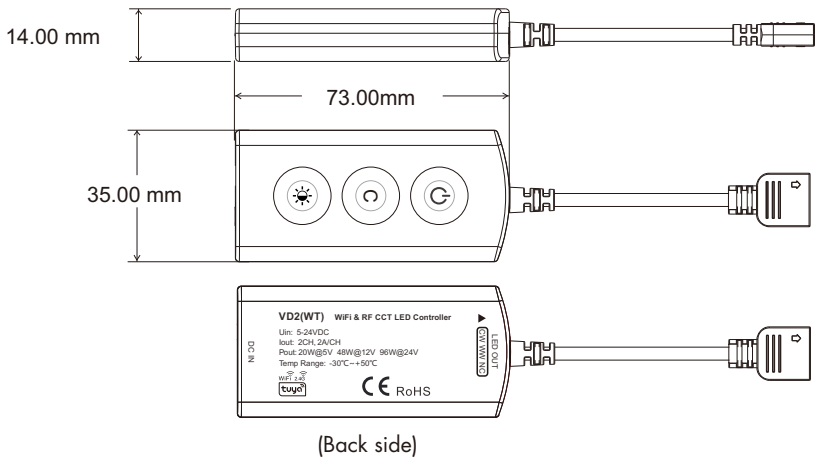


CE RoHS RED

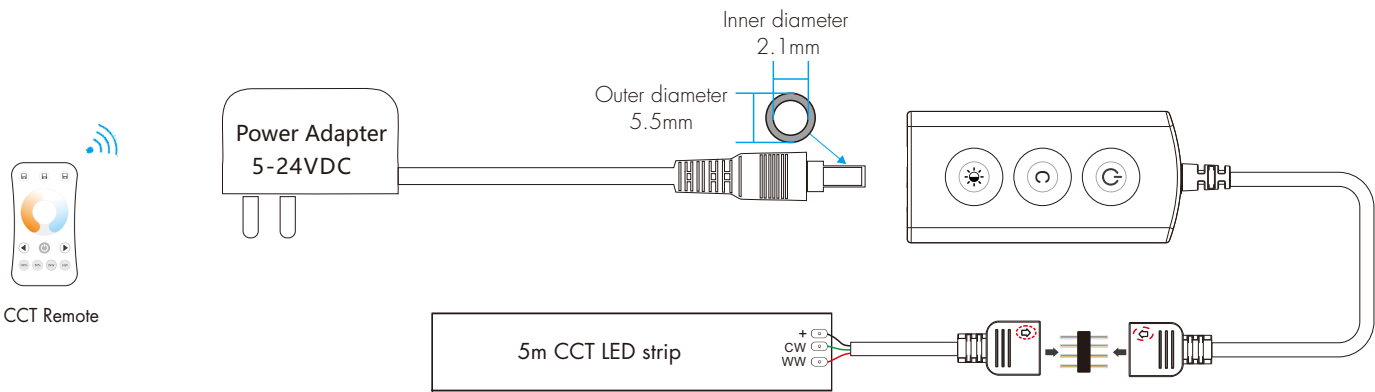
Technical Parameters

Input and Output		Dimming data		Safety and EMC	
Input voltage	5-24VDC	Input signal	Tuya APP + RF 2.4GHz + 3 button	EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3
Output voltage	5-24VDC	Control distance	30m(Barrier-free space)		ETSI EN 301 489-17 V3.2.4
Output current	2CH,2A/CH	Dimming level	4096 (2^12) levels	Safety standard	EN 62368-1:2020+A11:2020
Output power	20W@5V	Dimming range	0 -100%	Radio Equipment(RED)	ETSI EN 300 328 V2.2.2
	48W@12V	Dimming curve	Logarithmic	Certification	CE,EMC,RED
	96W@24V	PWM Frequency	2KHz (default)	Package	
Environment		Warranty	5 years	Size	L120 x W43 x H27mm
Operation temperature	Ta: -30℃ ~ +55℃	Protection	Over-heat, Short circuit	Gross weight	0.013kg
Case temperature (Max.)	Tc: +85℃				

Dimension

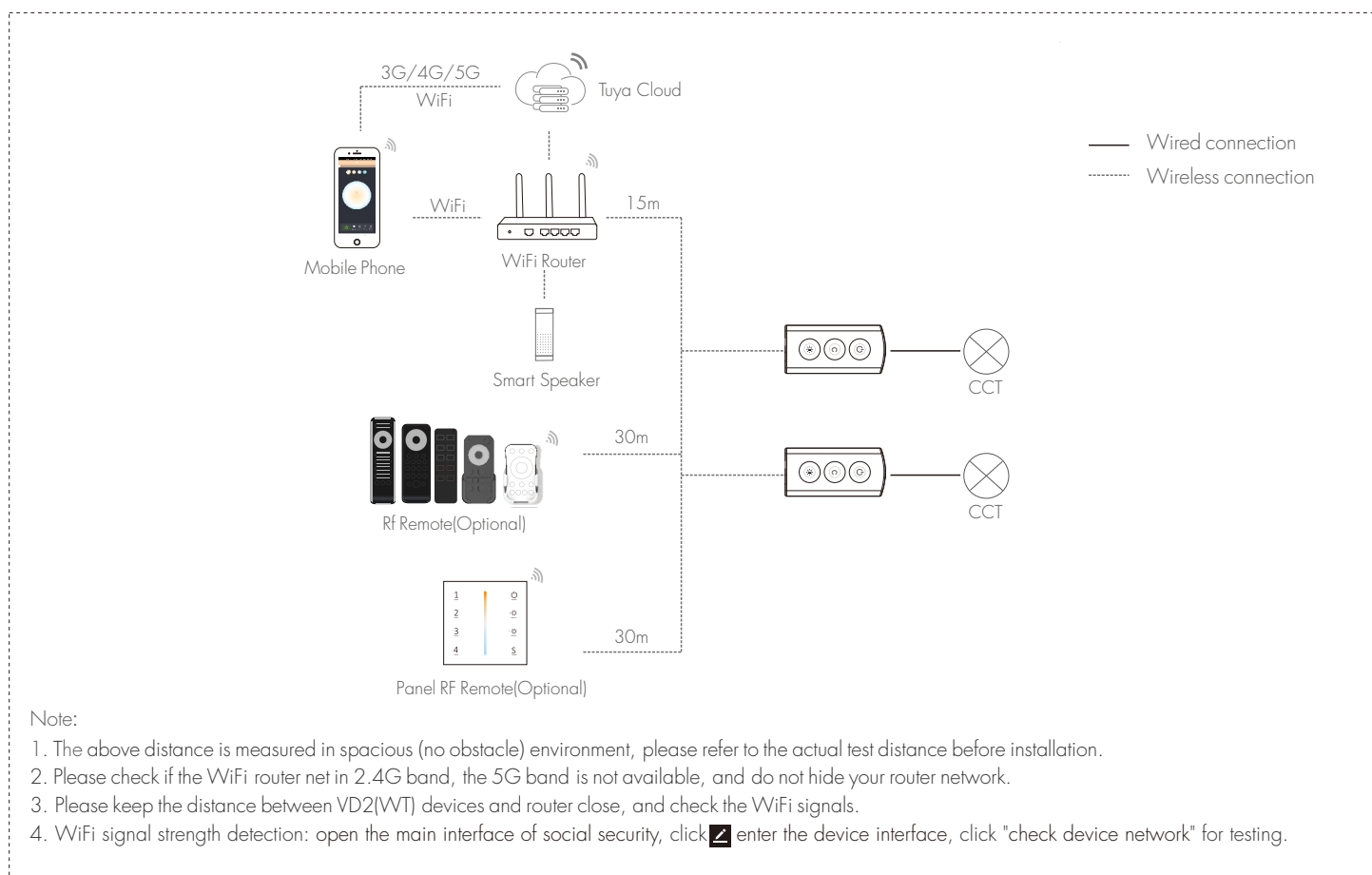


Wiring Diagram



Note: 1. Press and hold the and button for 2s, output LED flashes 3 times, the light on/off fade time will change between 3s and 0.5s.

2. Press and hold the , and button for 2s, output LED flashes multiple times, switch between "+, CW, WW" (flashes 1 times) and "+, WW CW" (flashes 2 times) output sequences, default is "+, CW, WW" order.



Button function

- : Turn on or off light.
- : Short press to switch between 3 color temperatures (WW, NW and CW), long press 1-6s for continuous 256 levels color temperature adjustment.
- : Brightness +/-, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

Tuya APP network connection

Please download the corresponding tuyu/smart life app according to your region.

Press and hold and button for 2s:
clear previous network connection, enter Smart config mode, the output LED will flash 10 times.

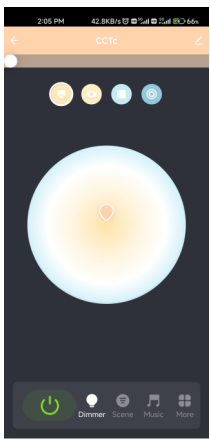
Press and hold and button for 5s:
Clear previous network connection, enter AP config mode, the output LED will flash 5 times.
If smart config failed, please try AP config.

Repeat power on and off for 5 consecutive times, also clear previous network connection,
enter Smart config mode, the output LED will flash 10 times.

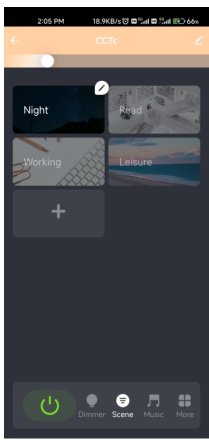
If Tuya APP network connection succeed, the output LED will stop flash,
and in Tuya APP, you can find CCTc device .



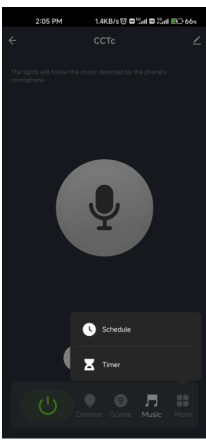
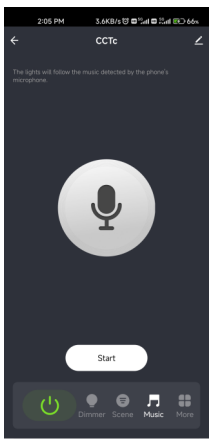
Tuya APP interface



CCT interface
Touch color circle to adjust the color temperature.
Touch brightness slide to adjust brightness.



Scene interface
The 1-4 scene is static color.
the inner color of these scene can be editable.







Music, Schedule, Timer
The music play can use smart phone music player or micro-phone as music signal input.
The Schedule key can add multiple timers to turn on or turn off light according to different time periods.
The Timer key can turn on or turn off light in the next 24 hours.

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, immediately press on/off key (single zone remote) or zone key (multiple zone remote) of the remote.

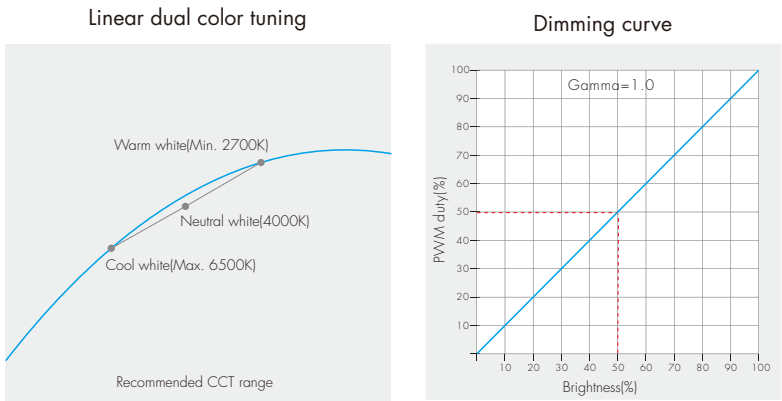
Delete:
Press and hold  and  button for 5s to delete all match,
The output LED blinks 5 times means all matched remotes were deleted.

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

