Opera on Instruc ons of Wi-Fi Controller
(D015/D016)

1. Spececations:

Working temperature:	-20-60°C	Supply voltage:	DC12~24V
Output:	3/4 channels	Connecting Mode:	Common anode
Grayscale:	1024 levels	Speed stage:	100 levels
External dimension:	L70*W40*H20 mm	Net weight:	45g
RF frequency:	2.4GHz	RF distance:	20m
Short circuit protection:	Yes	Memory function:	Yes
PWM frequency:	1.95KHz	Max. Output current:	5A*3CHs(RGB), 4A *4CHs(RGBW)
Application:	Tunya (iOS/Android)	Max. Output power:	180W/12V, 360W/24V (RGB)
			192W/12V, 384W/24V (RGBW)

2. Interface Spececations
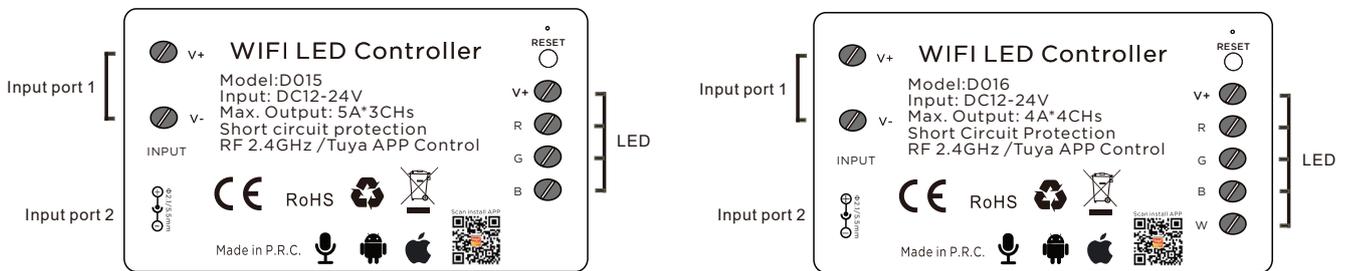
3. Direction for use

(3.1) Wi-Fi controlled by Tuya Applica on to achieve smart control like group control, scene control, mer control, music control and so on.

Download Tuya applica on from App store/ Google play (Tunya)

Long pressing "Reset" bu on on controller and hold for 5 seconds to start the connec on with APP. Please read opera on instruc on of App, or following the pop-up prompt message with the APP, to nish the rest connec on opera on. **And compa ble with voice control via Amazon Alexa, Google Assistant, Yandex Alice and so on.**

(3.2) Remote controlled by RF 2.4GHz remote control as below

Item	Option 1	Option 2	Option 3
D015 **(for RGB)**			
	SWC-RGB-2.4G		HWP86-RGB-2.4G
D016 **(for RGBW)**			
	SWC-RGBW-2.4G		HWP86-RGBW-2.4G

Please pair the WIFI controller to remote control before using. The opera on instruc on and func ons can be found from manuals of remote control.

**Wireless-synchronization function under remote controlled type**

Receivers will transmit the control signals from the remote control and self-inspection the work statues for each other, so multiple receivers can wireless-sync-work completely when be paired to the same one remote control, not only static mode but also dynamic mode, to achieve wired-like operation experience.
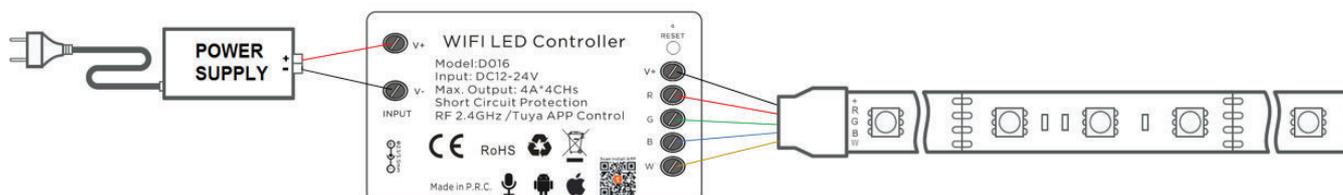
★ Remotecontrol(20meters)
● Receiver(10meters)
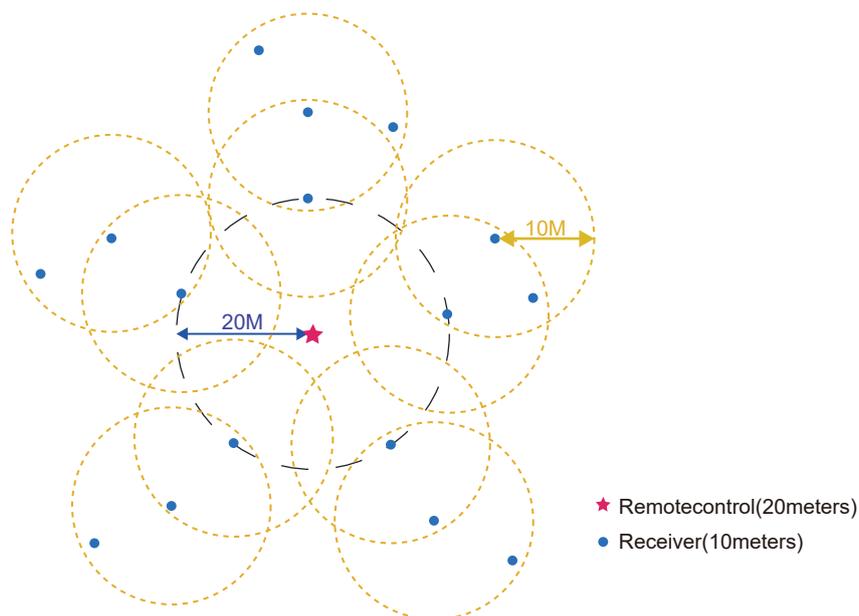
In order to achieve perfect wireless synchronization effect, please keep the distance between receivers within 10 meters as above show.

4. Typical Applications

Application Circuit of D015: RGB
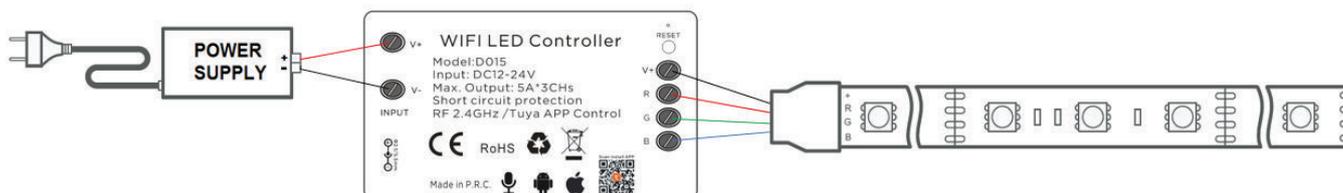
Application Circuit of D016: RGBW

5. Notice

5.1 The power supply voltage of this product is DC12V ~ 24V, other voltages may damage it;

5.2 The lead-out wires should be correctly wired according to the labels provided in the wiring diagram;

5.3 This product has short-circuit protection function, but it should not be overloaded;

5.4 The warranty period of this product is 3 years, exclude man-made damage or the form of overload work.

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