



LED line 471291 LED Light Controller Variante LED WiFi Tuya Instruction Manual

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LED line®

LED line 471291 LED Light Controller Variante LED WiFi Tuya



BEFORE YOU BEGIN STOP

Please read all instructions carefully.

RETAIN THE MANUAL FOR FUTURE REFERENCE

Use the product as intended by the manufacturer. If you have any questions contact the manufacturer

WARNING! A RISK OF ELECTRIC SHOCK

Always disconnect the mains power supply before inspection, installation or replacement.

ELECTRICAL REQUIREMENTS | LED

controller has to be connected to the mains power supply in accordance with instructions on the box. The controller using a digital PWM (Pulse Width Modulation) control system is used to control constant voltage (DC) LED lights. This device is equipped with a WIFI control technology supported by the Tuya intelligent management system.

Product's features

- WIFI Tuya technology. Short circuit protection.
- DC12-24, three output channels, maximum load current: 3CH * 5A; Max. power 180W/12V. 360W/24V
- Compatible RF remote control – 471338 LED line@ LED remote control TUYA RGB/RGBW (product sold separately)
- Memory function: the device restores the last saved mode/function.
- Controller designed for RGB LED strips with constant
- DC voltage



Fig.1 Overview

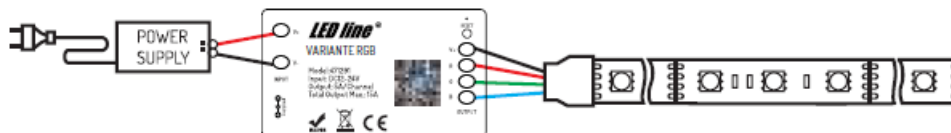


Fig.2 Wiring (installation) diagram.

Technical parameters:	
Voltage:	DC 12V-24V
Power:	12V:<180W, 24V:<360W
Output current:	5A/channel
Max. output current:	≤15A
Output channels:	3 channels
RF frequency:	2.4 GHz
PWM frequency:	2 KHz
RF range:	≤20m
Remote controll included:	NO
Output:	RGB
Operating temperature:	-20 / +60°C
Dimensions:	70 x 20 x 40mm
Weight:	80g
Warranty:	3 years

Installation instructions (Fig.2)

Connect the RGB LED strip to the controller output, also bearing in mind the maximum. controller load (see Fig.1) Wire (+) (of the LED strip) shall be connected to the output marked V (Figure 0. Connect the (-) wire (of the LED strip) to the output marked R/G/B (Fig) WARNING: Prior to the installation, make sure the power supply is disconnected from the 230V AC mains. Connect the DC voltage compatible power supply unit as per the LED strip's technical requirements (12VDC, 24VDC). Please ensure the power of the LED driver is 10% higher than the connected circuit. Connect the output wires of the DC power supply unit to the controller according to (Fig. 2) Connect the plus (+) wire to the controller's Input marked V+ and the minus wire to Input (V-) (Fig. 1) or through port 2 using the DC 21/5.Smmi connector. Check the installation before use. Improper connection may cause damage to the controller.

Programming


The LED controller connects to our phone via a home Wi-Fi network, also when we are away from home. Simply install the Smart life – Smart Living application. The main advantages of installing this LED controller in our house: Remote control of devices at home from anywhere in the world. Adding and controlling multiple devices simultaneously from one application, Voice control by Amazon Echo and Google Home, Interaction with many Tuya intelligent devices. Automatic switching on/off the lamp based on temperature, time and place. Easy sharing of lamps among family members

Fasv and quick configuration

- Step1: Perform installation according to the above instructions. Turn on the Wi-Fi in your telephone.
- Step 2: Go to the App Store to download the “Smart life – Smart Living’ application on your telephone (Fig.3)
- Step 3: Follow the instructions to register your user name.
- Step 4: Add a device in the application – select “lighting, then “lighting (Wi-Fi)”
- Step 5: If the LED strip is already flashing. skip the reset procedure – Reset the lamp by pressing and holding the RESET button for 5 seconds.
- Step 6: Click “confirm, quick blink” and confirm by pressing “Next. If everything went well, the device will be added to the application.

NOTE: The Tuya Smart life application is constantly being improved. There may be changes in the software that differ from the above description. RF remote control 471338 LED line® Remote control for LED controller TUYA RGB/RGBw (product sold separately). Before use. pair the controller with the remote control. The instructions for use and functions can be found in the manual belonging to the above mentioned remote control.

Documents / Resources

	LED line 471291 LED Light Controller Variante LED WiFi Tuya [pdf] Instruction Manual 471291 LED Light Controller Variante LED WiFi Tuya, 471291, LED Light Controller Variante LE D WiFi Tuya, LED Light Controller, Light Controller, Controller
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