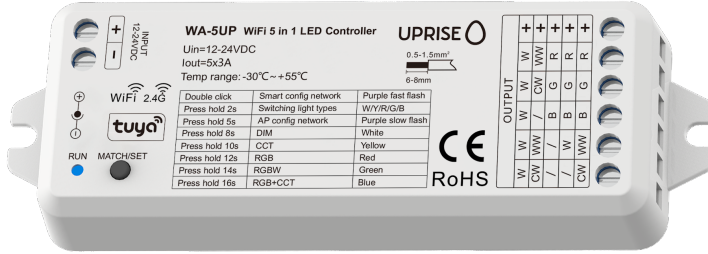


RGBCCT (RGB + CCT) Wireless LED Controller Receiver

SKU / Part No: **WA-5UP**



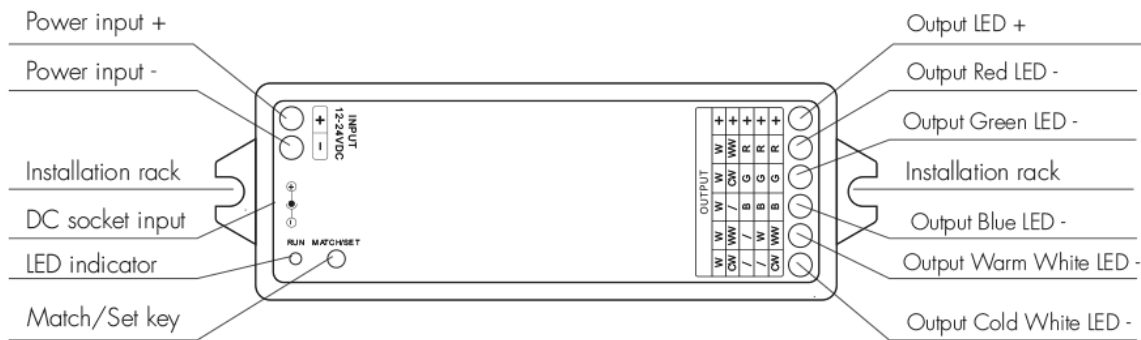
Features & Benefits

- Full 5 colour option control (Single, CCT, RGB, RGBW, RGBCCT)
- Compatible with Smart Device & Remote Handset simultaneously
- Simple setup. PSU > WA-5UP Controller Receiver > LED Lights
- Set the scene with millions of stunning colours and shades

Videos

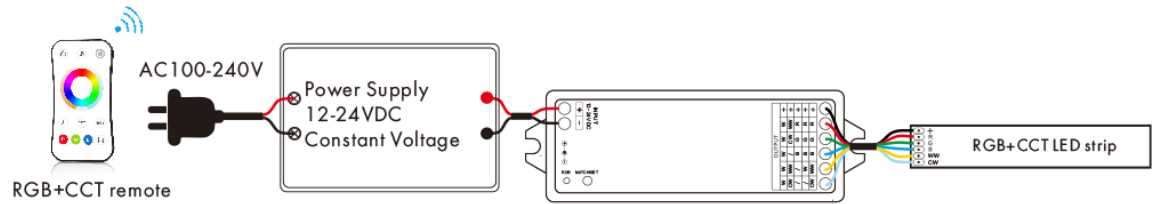
[840LED RGBW No Dot COB LED Tape With Wireless 5-Channel Remote](#)

Mechanical & Dimensions Diagram



Wiring Diagram

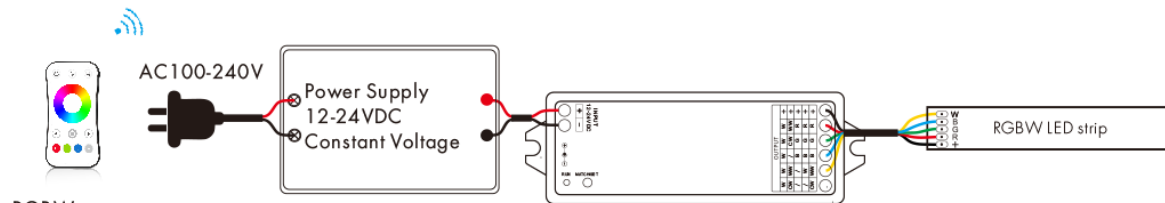
- For RGB+CCT



RGB+CCT remote

Press and hold match/set key for 16s, until the RUN LED indicator turn blue, then release, the controller will become RGB+CCT type, then do smart config by tuya APP, or short press match key to match with RGB+CCT RF remote.

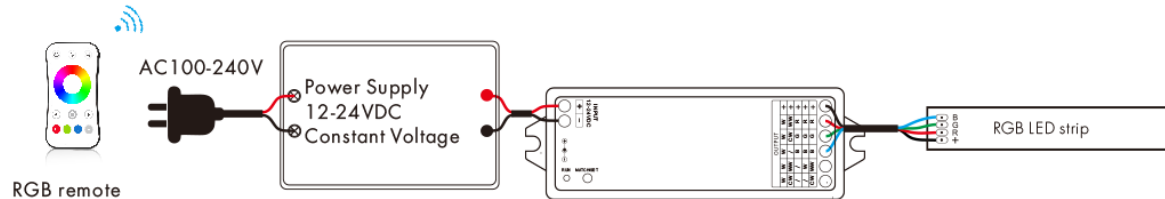
- For RGBW



RGBW remote

Press and hold match/set key for 14s, until the RUN LED indicator turn green, then release, the controller will become RGBW type, then do smart config by tuya APP, or short press match key to match with RGBW RF remote.

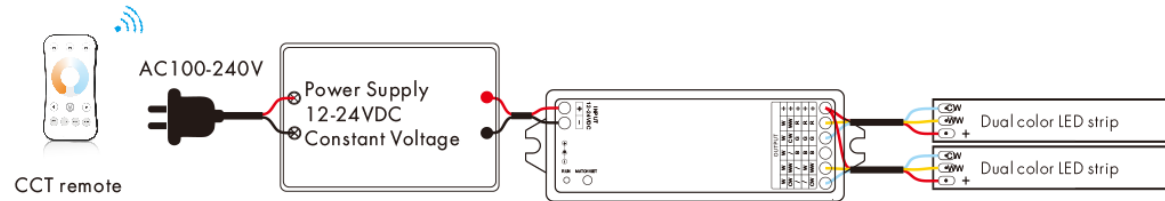
- For RGB



RGB remote

Press and hold match/set key for 12s, until the RUN LED indicator turn red, then release, the controller will become RGB type, then do smart config by tuya APP, or short press match key to match with RGB RF remote.

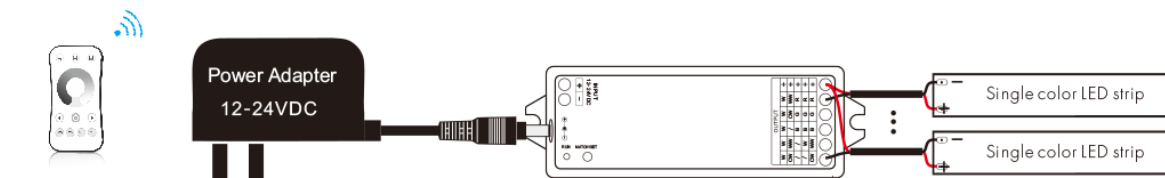
- For dual color CCT



CCT remote

Press and hold match/set key for 10s, until the RUN LED indicator turn yellow, then release, the controller will become CCT type, then do smart config by tuya APP, or short press match key to match with CCT RF remote.

- For single color

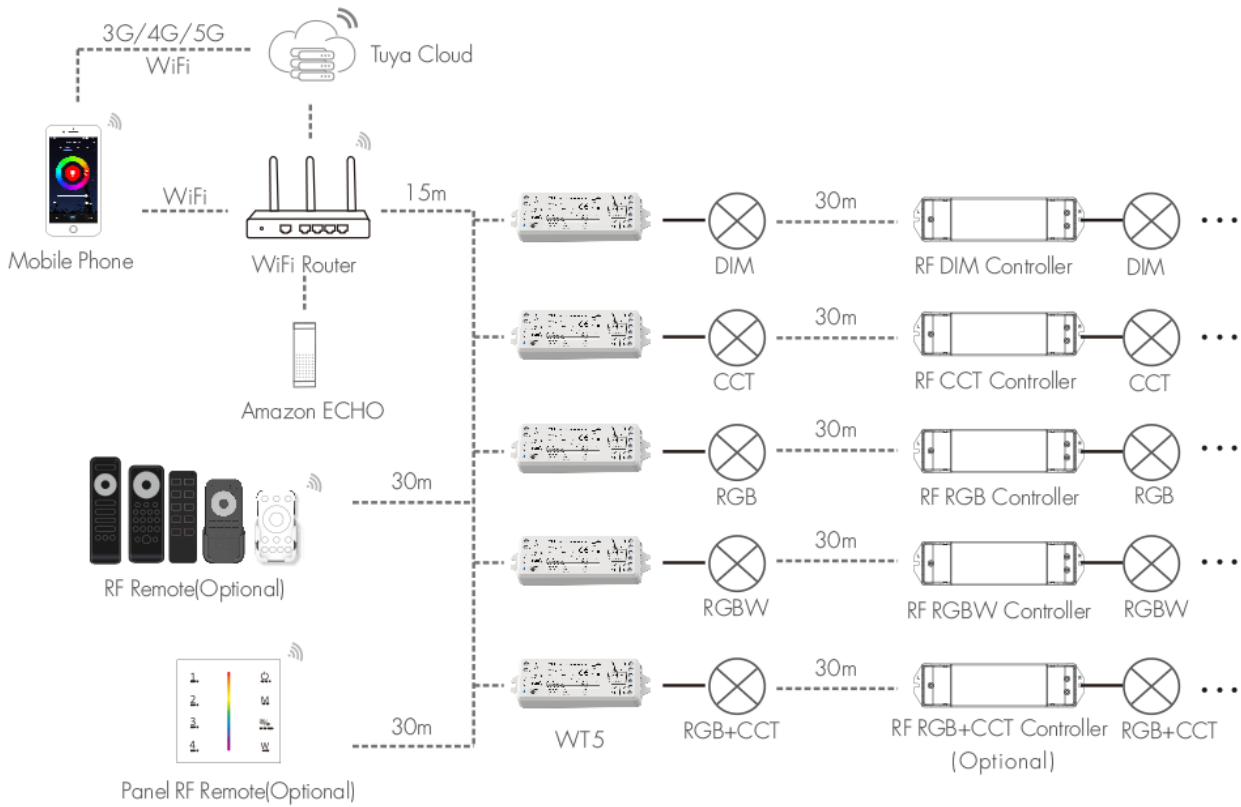


Dimming remote

Press and hold match/set key for 8s, until the RUN LED indicator turn white, then release, the controller will become DIM type, then do smart config by tuya APP, or short press match key to match with dimming RF remote.

Note: User can connect constant voltage power supply or power adapter as power input.

System Wiring Topology

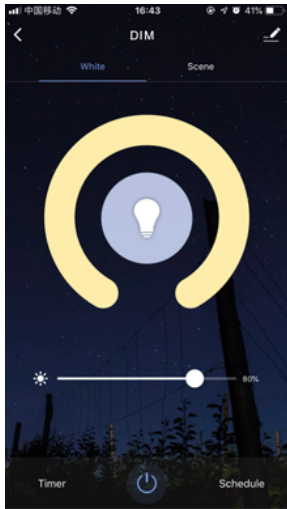


— Wired connection
 - - - - - Wireless connection

Note:

1. The above distance is measured in spacious (no obstacle) environment, Please refer to the actual test distance before installation.
2. Please check if the WiFi router net in 2.4G band, the 5G band is not available, and do not hide your router network.
3. Please keep the distance between WT5 devices and router close, and check the WiFi signals.

Tuya App Interface

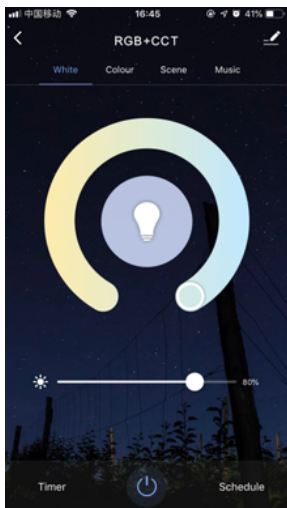


White interface

For DIM type:
Touch brightness slide to adjust brightness.

For RGB type:
Touch brightness slide, get RGB mixed white firstly, then to adjust white brightness.

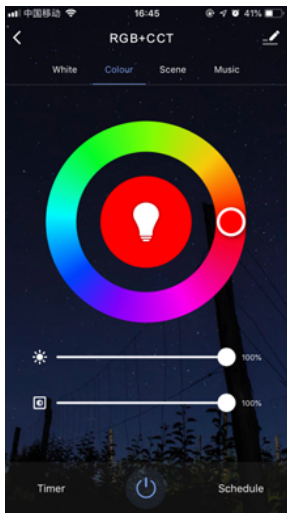
For RGBW type:
Touch brightness slide, adjust white channel brightness.



Color temperature interface

For CCT type:
Touch color wheel to adjust color temperature.
Touch brightness slide to adjust brightness.

For RGB+CCT type:
Touch color wheel to adjust color temperature,
RGB will turn off automatically.
Touch brightness slide to adjust white brightness.



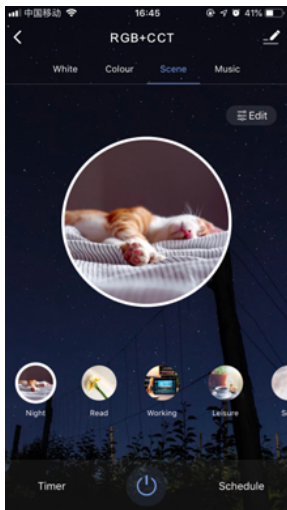
Colour interface

For RGB or RGBW type:

Touch color wheel to adjust static RGB color.
Touch brightness slide to adjust color brightness.
Touch saturation slide to adjust color saturation, namely gradient from the current color to white (RGB mixed).

For RGB+CCT type:

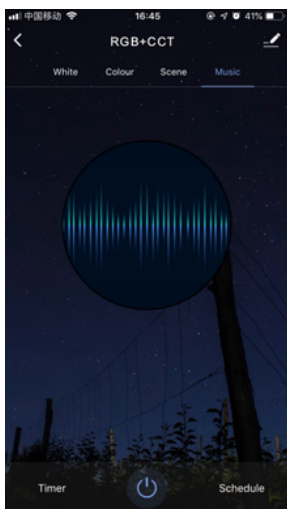
Touch color wheel to adjust static RGB color, WW/CW will turn off automatically.
Touch brightness slide to adjust color brightness.
Touch saturation slide to adjust color saturation, namely gradient from the current color to white (RGB mixed).



Scene interface

The 1-4 scene is static color for all light type.
the inner color of these scene can be editable.

The 5-8 scene is dynamic mode for RGB, RGBW, RGB+CCT type, such as green fade in and fade out, RGB jump, 6 color jump, 6 color smooth.



Music, Timer, Schedule

The music play can use smart phone music player or micro-phone as music signal input.

The Timer key can turn on or turn off light in the next 24 hours.

The Schedule key can add multiple timers to turn on or turn off light according to different time periods.

WA-5UP Match Remote Control (Optional)

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

Use the WT5's Match key

Match:
Short press match key of WT5, immediately press on/off key (single zone remote) or zone key (multiple zone remote) on the remote.
The LED indicator fast flash a few times means match is successful.

Delete:
Press and hold match key of WT5 for 20s,
The LED indicator fast flash a few times means all matched remotes were deleted.

Use Power Restart

Match:
Switch off the power of WT5, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote.
The light blinks 3 times means match is successful.

Delete:
Switch off the power of WT5, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote.
The light blinks 5 times means all matched remotes were deleted.

WA-5UP To Work As WIFI-RF Converter To Match RF LED Controller

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

Use the controller's Match key

Match:
Short press match key of the controller, immediately press on/off key on the Tuya APP.
The LED indicator fast flash a few times means match is successful.

Delete:
Press and hold match key of the controller for 5s,
The LED indicator fast flash a few times means match was deleted.

Use Power Restart

Match:
Switch off the power of the controller, then switch on power, repeat again. Immediately short press on/off key 3 times on the Tuya APP.
The light blinks 3 times means match is successful.

Delete:
Switch off the power of the controller, then switch on power, repeat again. Immediately short press on/off key 5 times on the Tuya APP.
The light blinks 5 times means match was deleted.

RGB Colour Dynamic Mode Light

For RGB/RGBW:

No.	Name	No.	Name
1	RGB jump	6	RGB fade in and out
2	RGB smooth	7	Red fade in and out
3	6 color jump	8	Green fade in and out
4	6 color smooth	9	Blue fade in and out
5	Yellow cyan purple smooth	10	White fade in and out

For RGB+CCT:

No.	Name	No.	Name
1	RGB jump	6	RGB fade in and out
2	RGB smooth	7	Red fade in and out
3	6 color jump	8	Green fade in and out
4	6 color smooth	9	Blue fade in and out
5	Color temperature smooth	10	White fade in and out

Technical Information

General

SKU / Part No	WA-5UP
Product Type	Wifi 5CH LED Controller / Receiver
IP Rating	IP20
Brand	Uprise

Input & Output

Input Voltage	12V-24VDC
Input Current	15.5A
Output Voltage	5 x (12-24)VDC
Output Current	5CH, 3A/CH
Output Power	5 x (36-72)W
Output Type	Constant Voltage

Dimming Data

Input Signal	Tuya APP + RF 2.4GHz
Control Distance	30M (Barrier-free space)
Dimming Grayscale	4096 (2 ^ 12) Levels
Dimming Range	0 -100%
Dimming Curve	Logarithmic
PWM Frequency	1000Hz (default)

Safety & EMC

EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI 301 489-17 V3.2.4
Safety standard(LVD)	EN 62368-1:2020+A11:2020
Radio Equipment(RED)	ETSI EN 300 328 V2.2.2
Certification	CE.EMC.LVD.RED

Environment

Operation temperature	Ta: -30 ° C ~ + 55 ° C
Cafe temperature (Max.)	T c:+85 ° C
IP Rating	IP20

Warranty & Protection

Warranty	5 Years
Protection	Reverse polarity, over-heat, short circuit

Mobile Application

Warranty	Required Application: Tuya Smart App
Protection	Reverse polarity, over-heat, short circuit

Dimensions

Width	38mm
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Height 20mm

Length 114mm

Installation

Mounting X2 screws

Packaging

Size L120 x W43 x H35mm

Packaging box White cardboard box

Net Weight 65g

Compatible Products

Overview

Drivers	Power Supplies	COB Tapes	Remotes	Splitters	Cables
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LED Strip Lights

White COB LED Tape Lights (Can be controlled via WA-5UP)

12V	24V
2700K Warmer White	2700K Warmer White
<ul style="list-style-type: none"> • 8mm 320LED/M COB (5W/M) • 8mm 480LED/M COB (9W/M) • 10mm 480LED/M COB (5W/M) 	<ul style="list-style-type: none"> • 8mm COB LED Tape (9W per meter)
3000K Warm White	3000K Warm White
<ul style="list-style-type: none"> • 5mm COB LED Tape (7W per meter) • 8mm COB LED Tape (9W per meter) 	<ul style="list-style-type: none"> • 4mm COB LED Tape (4W per meter) • 8mm COB LED Tape (9W per meter)
4000K Neutral White	4000K Neutral White
<ul style="list-style-type: none"> • 5mm COB LED Tape (7W per meter) • 8mm COB LED Tape (9W per meter) 	<ul style="list-style-type: none"> • 8mm COB LED Tape (9W per meter)
5000K Natural White	5000K Natural White
	<ul style="list-style-type: none"> • 8mm COB LED Tape (9W per meter)
6000K Cool White	6000K Cool White
<ul style="list-style-type: none"> • 8mm COB LED Tape (9W/M) • 10mm COB LED Tape (9W/M) 	<ul style="list-style-type: none"> • 8mm COB LED Tape (9W per meter)
6500K Cooler White	6500K Cooler White
<ul style="list-style-type: none"> • 5mm COB LED Tape (7W/M) • 10mm COB LED Tape (12W/M Very Bright) 	

Colour Changing COB LED Tape Lights (Can be controlled via WA-5UP)

12V	24V
RGB No Dot COB LED Tape Lights	RGB No Dot COB LED Strip Lights
	<ul style="list-style-type: none"> • 10mm RGB 768LED 14W/M
RGBW Spotless COB LED Tape Lights	RGBW No Dotting COB LED Tape Lights
	<ul style="list-style-type: none"> • 12mm RGBW 560LED 16W/M • 12mm RGBW 840LED 20W/M • 12mm RGBW 1232LED 24W/M
RGBCCT Seamless COB LED Strip Lights	RGBCCT Spot Free COB LED Strip Lights
	<ul style="list-style-type: none"> • 12mm RGBCCT 840LED 21W/M

Control

Single Colour Remote Handsets & Wall Controller

LED Remote Handsets	LED Wall Panel Controllers
<ul style="list-style-type: none"> • Single Colour LED Remote Handsets • CCT Colour LED Remote Handsets • RGB Colour LED Remote Handsets • RGBW Colour LED Remote Handsets • RGBCCT Colour LED Remote Handsets 	<ul style="list-style-type: none"> • Single Colour LED Wall Panel • CCT Colour LED Wall Panel • RGB Colour LED Wall Panel • RGBW Colour LED Wall Panel • RGBCCT Colour LED Wall Panel

VIDEO: [840LED RGBW No Dot COB LED Tape With Wireless 5-Channel Remote](#)

Power

Furniture Cabinet LED Drivers (Plug & Play)

12V	24V
24W, 5 Output + 1 Master Sensor Port (12V)	24W, 5 Output + 1 Master Sensor (24V)
<ul style="list-style-type: none"> • 24W Cabinet LED Driver. Inc Mains Lead • 24W Cabinet LED Driver 	<ul style="list-style-type: none"> • 24W Cabinet LED Driver. Inc Mains Lead • 24W Cabinet LED Driver
60W, 7 Output + Master Sensor Port (12V)	60W, 7 Output + Master Sensor Port (24V)
<ul style="list-style-type: none"> • 60W Cabinet LED Driver. Inc Mains Lead • 60W Cabinet LED Driver 	<ul style="list-style-type: none"> • 60W Cabinet LED Driver. Inc Mains Lead • 60W Cabinet LED Driver

Furniture Cabinet Sensors (Compatible with above)

12V (Only)	12V-24V (Can be use with 12V or 24V LED)
Standard Single Door Sensors (Black)	Micro Single Door Sensors (Black)
<ul style="list-style-type: none"> • [Inline] Standard Single Door Sensor 	<ul style="list-style-type: none"> • [Master] Micro Single Door Sensor • [Inline] Micro Single Door Sensor
Small Single Door Sensor (Black)	Micro Double Door Sensors (Black)
<ul style="list-style-type: none"> • [Inline] Small Single Door Sensor 	<ul style="list-style-type: none"> • [Master] Micro Double Door Sensor • [Inline] Micro Double Door Sensor
	PIR Sensor (Silver)
	<ul style="list-style-type: none"> • [Master] PIR Sensor (Silver) • [Inline] PIR Sensor (Silver)
	0-100% Toucher Dimmer (Silver)
	<ul style="list-style-type: none"> • [Master] Touch Dimmer (Silver) • [Inline] Touch Dimmer (Silver)

Power Supplies

12V (Only)	24V (Only)
Internal IP20 Rated Power Supplies (12V)	Internal IP20 Rated Power Supplies
<ul style="list-style-type: none"> • 30W (12V) • 40W (12V) • 60W (12V) • 100W (12V) • 320W (12V) • 350W (12V) 	<ul style="list-style-type: none"> • 30W (24V) • 40W (24V) • 60W (24V) • 100W (24V) • 320W (24V) • 350W (24V)
Internal IP67 Rated Power Supplies (12V)	Internal IP67 Rated Power Supplies (12V)
<ul style="list-style-type: none"> • 30W (12V) • 40W (12V) • 60W (12V) • 100W (12V) • 320W (12V) • 350W (12V) 	<ul style="list-style-type: none"> • 30W (24V) • 40W (24V) • 60W (24V) • 100W (24V) • 320W (24V) • 350W (24V)

Email: sales@upriseled.com or contact via Mobile/Whatsapp: on 07957 180 481

Cables & Accessories

2 Core Micro Connector Cables

12V & 24V

2 Core extension cable with male & female micro connectors

- [2M extension cable](#)
- [3M extension cable](#)
- [4M extension cable](#)
- [5M extension cable](#)

UK mains plug to c7 leads

UK to C7 Lead

- [2M UK to C7 Lead \(Black\)](#)
- 2M UK to C7 Lead (White)

2 / 3 / 4 / 5 / 6 Core Flat Ribbon Cable

LED Ribbon Cables (12V-24V)

- 2 core flat cable (For use with single colour / white / 2 wire CCT LED products)
- 3 core flat cable (For use with 3 wire CCT (dual white) / 5V digital pixel LED products)
- 4 core flat cable (For use with 4 wire RGB LED products)
- [5 core flat cable \(For use with 5 wire RGBW LED products\)](#)
- 6 core flat cable (For use with 6 wire RGCCT LED products)

Power Distribution

LED Splitter / Distributors (12V-24V)

- 6 way 2 core (2 wire) LED distributor splitter
- [6 way 3 core \(3 wire\) LED distributor splitter](#)

Last updated by Stephen Watts 26-02-23