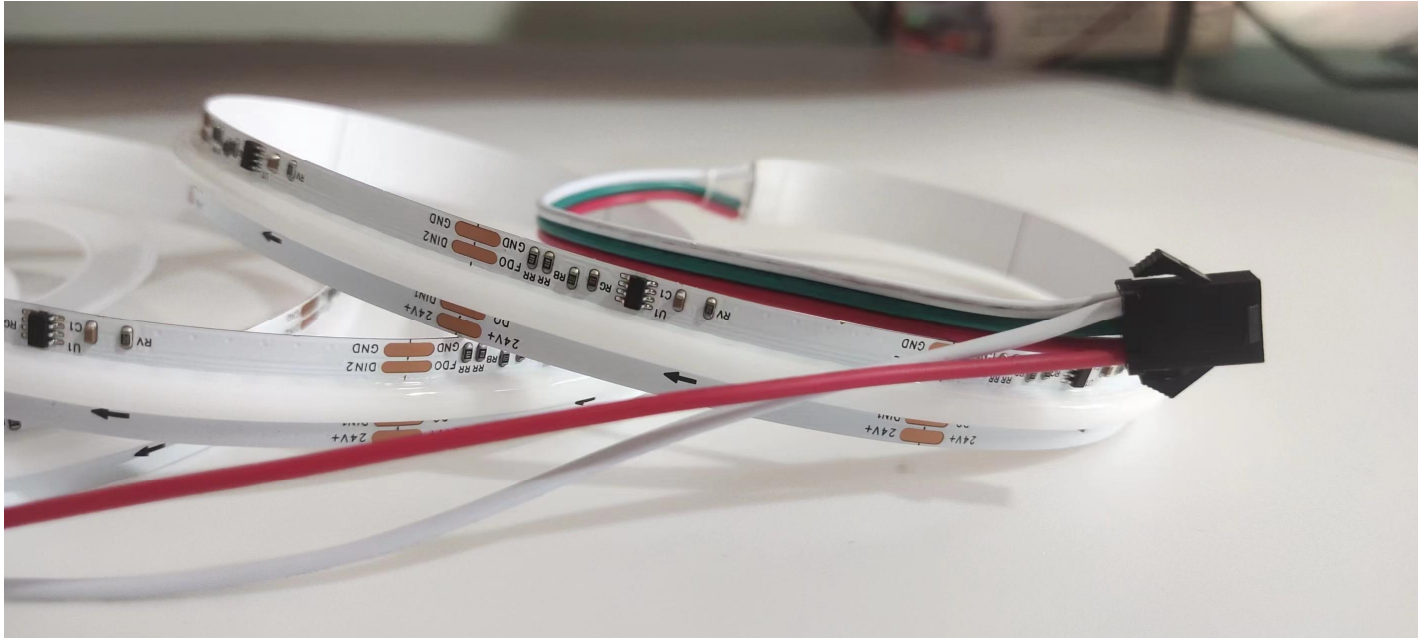


RL-STR-TM1934-COB-RGB-24V-720-10mm

Dc24V Digital dual signal 5050 RGB Pixel led strip



Feature

- 1) RGB cob led lamp .
- 2) 25um50um pure copper PCB board with10mm width .
- 3) Double membrane covering the FPCB board for better protection.
- 4) Standard SPI protcel 1934 IC chipset.
- 5) Cutting unit every 36 led(50mm).
- 6) DC12V, 12W per meter(max)(18watt with 24V).
- 7) LED density: 720pcs per meter. 20Pixels per meter.
- 8) Controller system: Artnet or offline or online led controller.

Parameter

Part No	RL-5TR-TM1934-COB-RGB-20P-720-12V24V
Lighting Source	COB RGB led
Operate Voltage	DC12V 24V
Consumption Watt/M	12 Watt per meter (max)
PCB quality	Double layer 25um 50um Copper,
LED quantity/M	720 LEDs per meter
Brightness	Red:620 Green:530 Blue:460
IC chip	TM1934 (IC chip set)
Cable	AWG22(0.3 mm ²)
Plug and cable	3pin female and male connector with 15cm cable at ends
Waterproof Grade	IP20/65/67/68
PCB width	10mm
IP rate	Ip20/Ip65 optional
Plug	3pin AWG 22 cable with 15cm long
SPI control	Art-net led controller or sd controller -ect
warranty	2years

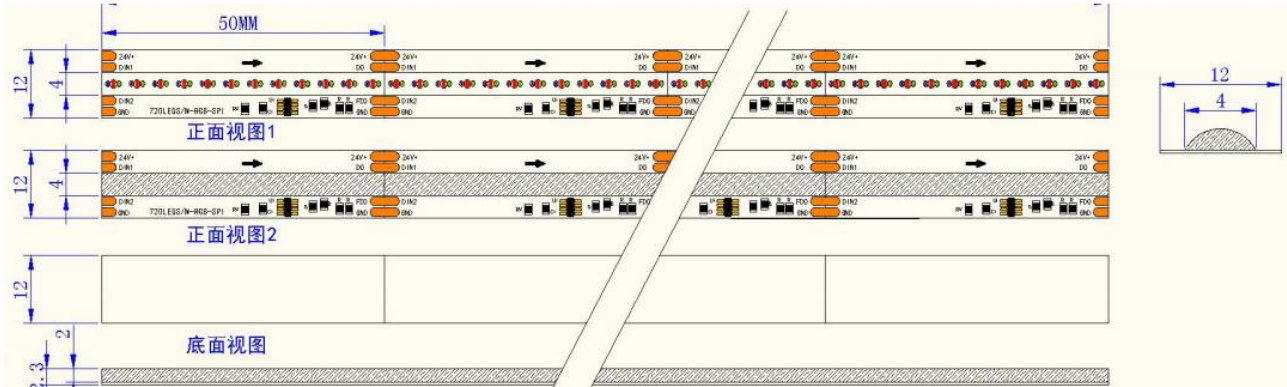
<https://www.rose-lighting.com> Email:info@rose-lighting.com

TEL:0755-23763467

Phone:008618675649004

Add: No.53 Yuexing Rd, Guanlan Street ,Longhua District,Shenzhen, China
518110

Dimensions



Wavelength Group(IP=20mA, Ta=25C)

红光 Red	Rank	E	F	G
	WLD	615-620	620-625	625-630
绿光 Green	Rank	E	F	G
	WLD	515-520	520-525	525-530
蓝光 Blue	Rank	H	I	J
	WLD	455-460	460-465	465-470

备注：单位 nm，波段测试误差±1 Notes：Unit nm,Wavelength Tolerance is:±1.

Terminal

There is 3Pin JST SM female/male connector on both end for signal input/output and power inputs at ends.

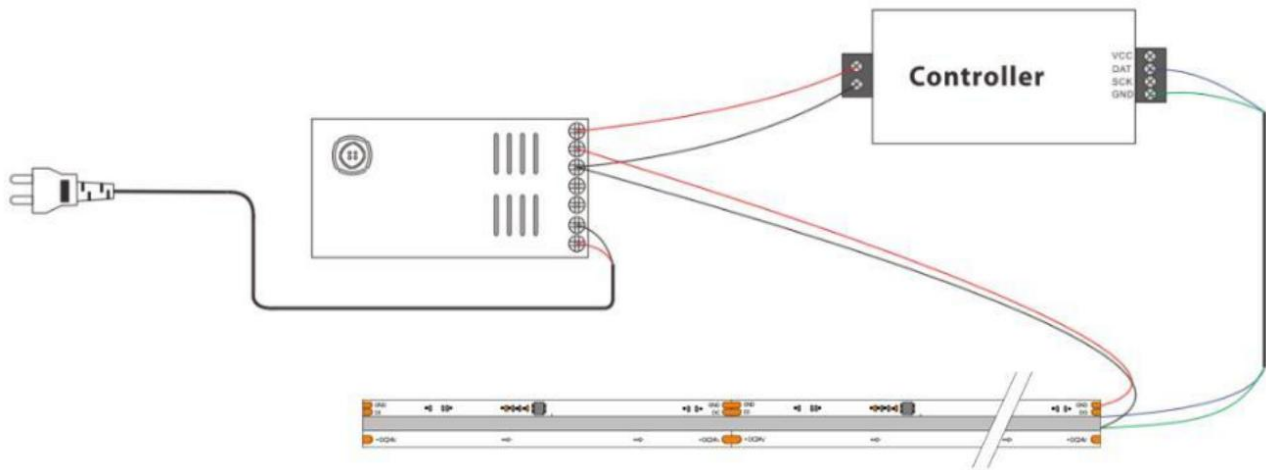
Color defination:

12V 24V -- RED, DI -- GREEN, (Date), GND -- WHITE

Input: Female Connector

output : male Connector

Wiring Chart



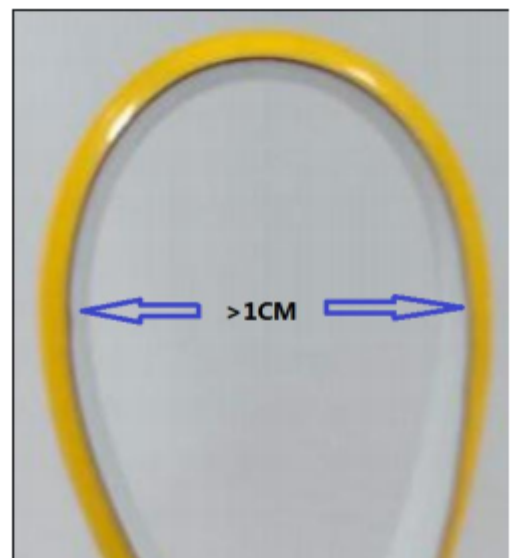
Noted

(A) .During the installation process, sharp objects should be avoided from touching the surface of the lamp strip to avoid damaging the colloid and causing defects;

(B) .Avoid contact of the colloid in the luminous area with high-temperature objects to avoid burns to the colloid and affect the linear effect;

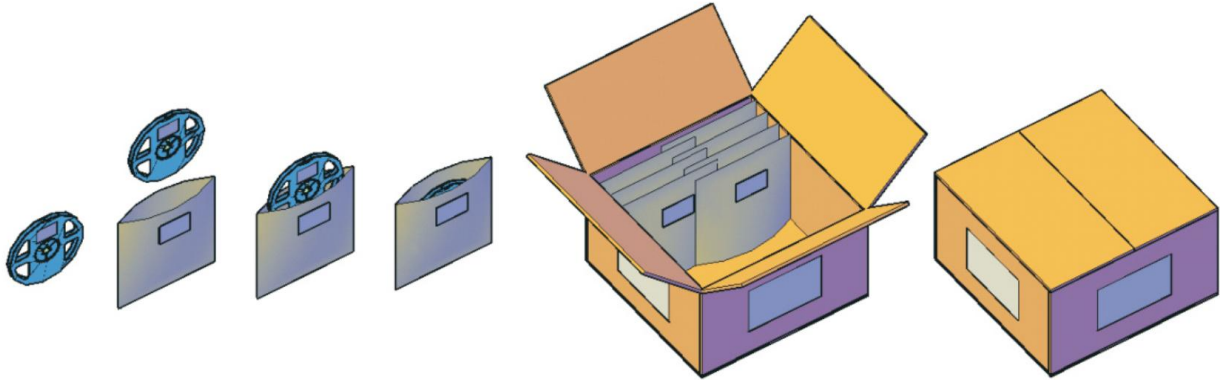
(C) .Use DC 12V 24V stabilized voltage power supply to drive, and select a power supply with appropriate power according to the number of light strips that need to be installed; The total power of the light strip driven by the power supply should be less than 80% of the rated power of the power supply;

(D) .It is strictly prohibited to bend or twist the light strip at a short distance to avoid damaging the strip or damaging the internal electrical structure of the chip;



(E) . It is recommended that any bending diameter of the light strip should be $>1\text{CM}$:

Package

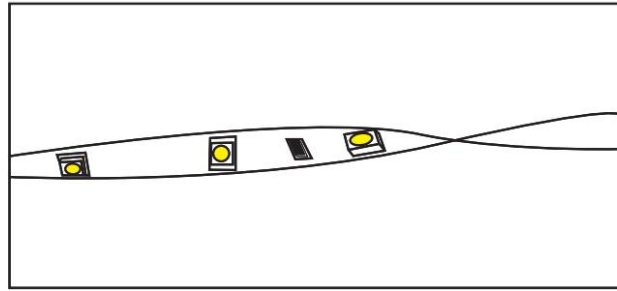
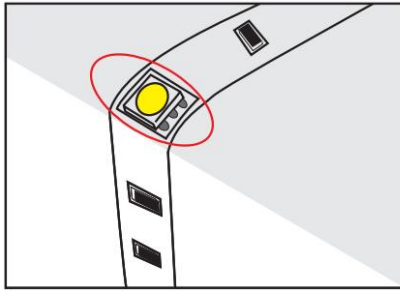
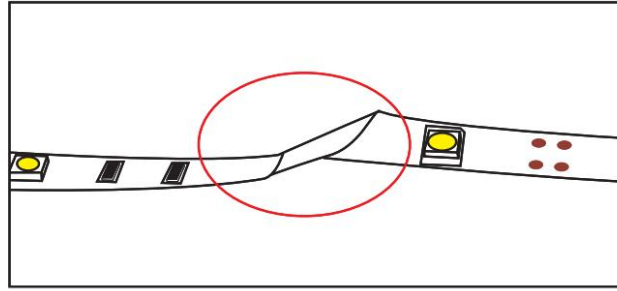
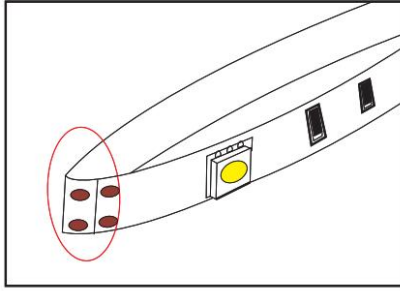


Note:

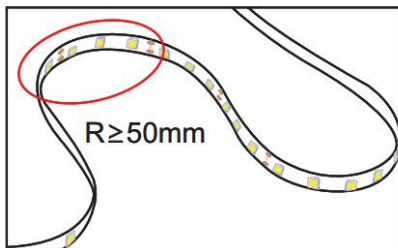
1. One Aluminum Foil Bag for one roll of LED strip, 5M/roll.
2. All the packaging materials are RoHS standard.
3. Heavy stuff are not allow to be loaded above the packaging box.

Cautions:

- When install the led strip , please note the installation technique. The led strip can be bent, but not distorted, as shown below:



Distortion(Wrong)



Bend(Right)

- LED strips are low voltage products, you must use the power supply(transformer). Please don't connect the led strip directly to the AC110 or AC220V, otherwise it will burn out the LED strips.
- Clean up the installation surface, it will ensure the reliability of the adhesive.
- The electrical connection process must be operated by a professional person.