



Flexible Strip Specification

Model:[RL-F12125005030](#)

[RL-F12125005060](#)

[RL-F24125005030](#)

[RL-F24125005060](#)

Key Features

- ◇ DC12/24V low voltage input
- ◇ Various CCT available
- ◇ CRI:80/90/95 options
- ◇ Solutions for tight spaces
- ◇ IP20/IP65
- ◇ 3/5 years warranty
- ◇ UL listed



General application



Channel light



decorative Light

Applied standards

- ◇ UL 2108
- ◇ UL 8750
- ◇ CSA C22.2 No. 250.0-08
- ◇ CAN/CSA 22.2 No. 9.0



General information

P/N	Per Reel	Leds	Power	Flux	Voltage	Current	CCT	Protection
	mm	pcs	W	lm	V	A	K	IP--
RL-F12125005(030)	5000	150	48	2100	12	4	RGBW	20 / 67
RL-F12125005(060)	5000	300	96	4200	12	8	RGBW	20 / 67
RL-F24125005(030)	5000	150	57	2100	24	2.4	RGBW	20 / 67
RL-F24125005(060)	5000	300	96	4200	24	4	RGBW	20 / 67

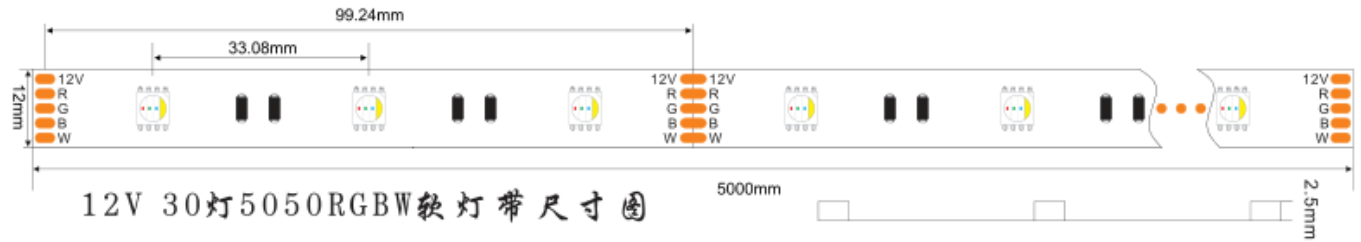
Note: 1-AA:12-12VDC; 24-24VDCBB:08,10,12mm width C: 0 or 1 (0 :Damp; 1:Wet)

2-Typical Optical-electronic parameters above @ Ta=25°C

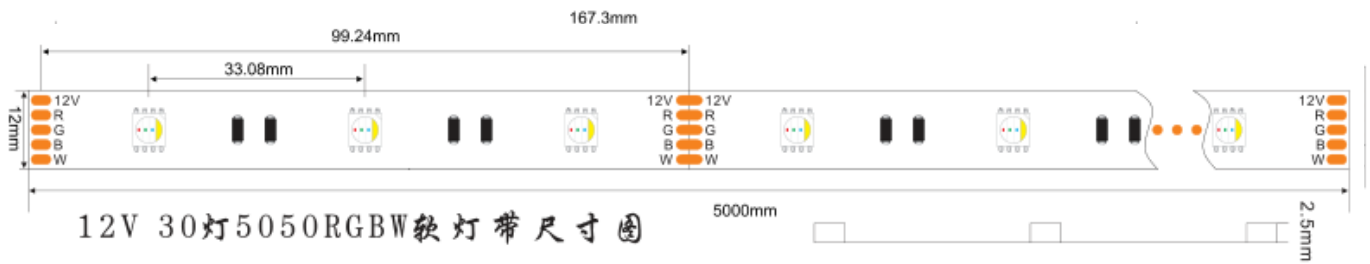
Part Number & Explanation Example: RL-F12125005(030)

RL	F	12	12	50	0	5	(030)
1	2	3	4	5	6	7	10
1	RL	Relight					
2	F	Flexible					
3	24	Voltage; 12: DC12V; 24: DC24V					
4	12	Wide 08: 8mm ; 10:10mm; 12:12mm;					
5	50	LED PKG 22:2216; 32:3528; 50:5050					
6	0	IP Level; 0: Damp; 1: Wet					
7	6	Light color; 2:White 4:RGB 5:RGBW 6:RGBWWr					
8	(030)	LEDs/Meter 60:60LEDS 90:90LEDS 120:120LEDS					

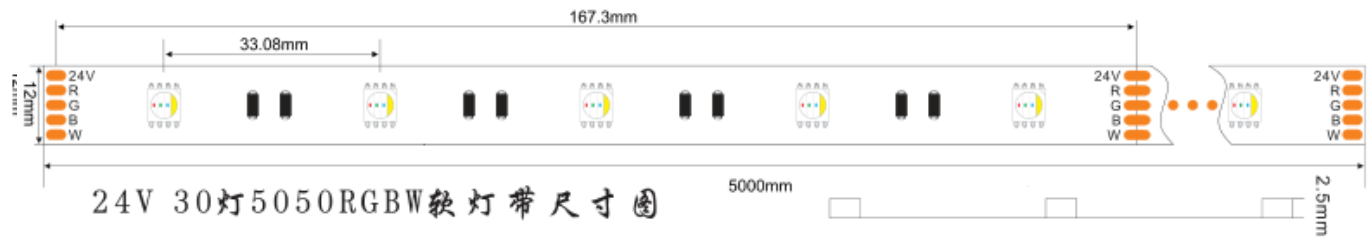
Interval/Section (Unit: mm)



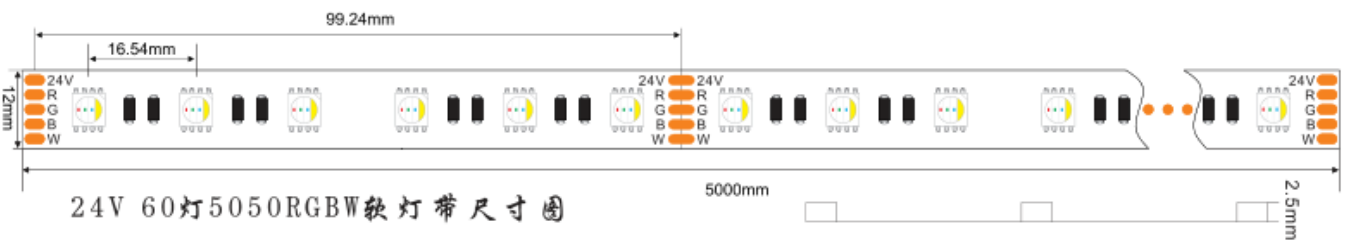
12V 30LED 5050RGBW Flexible Dimension Drawing



12V 30LED 5050RGBW Flexible Dimension Drawing

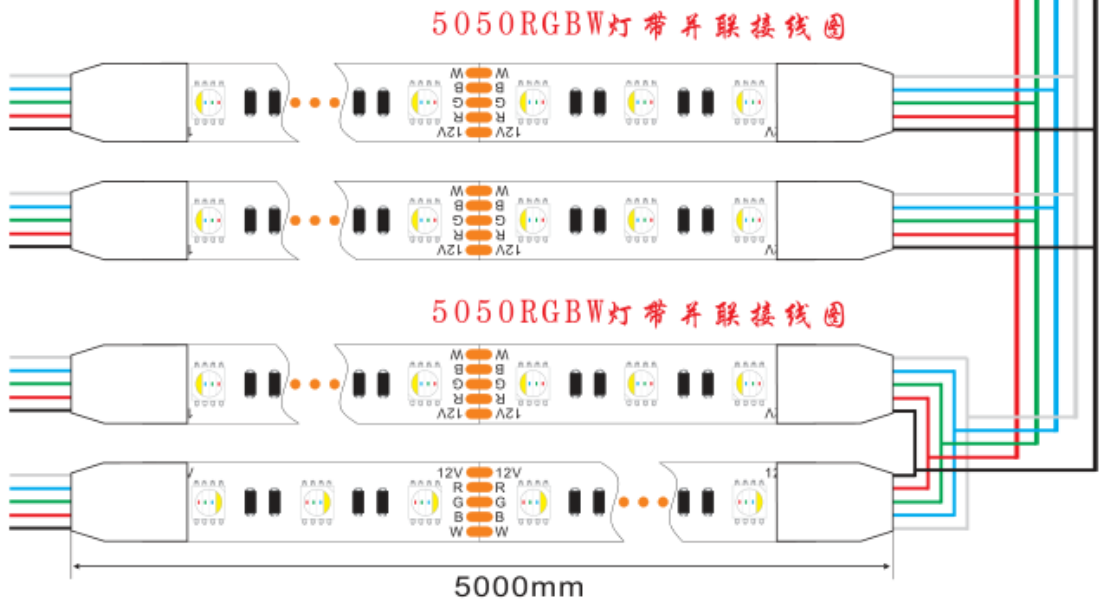
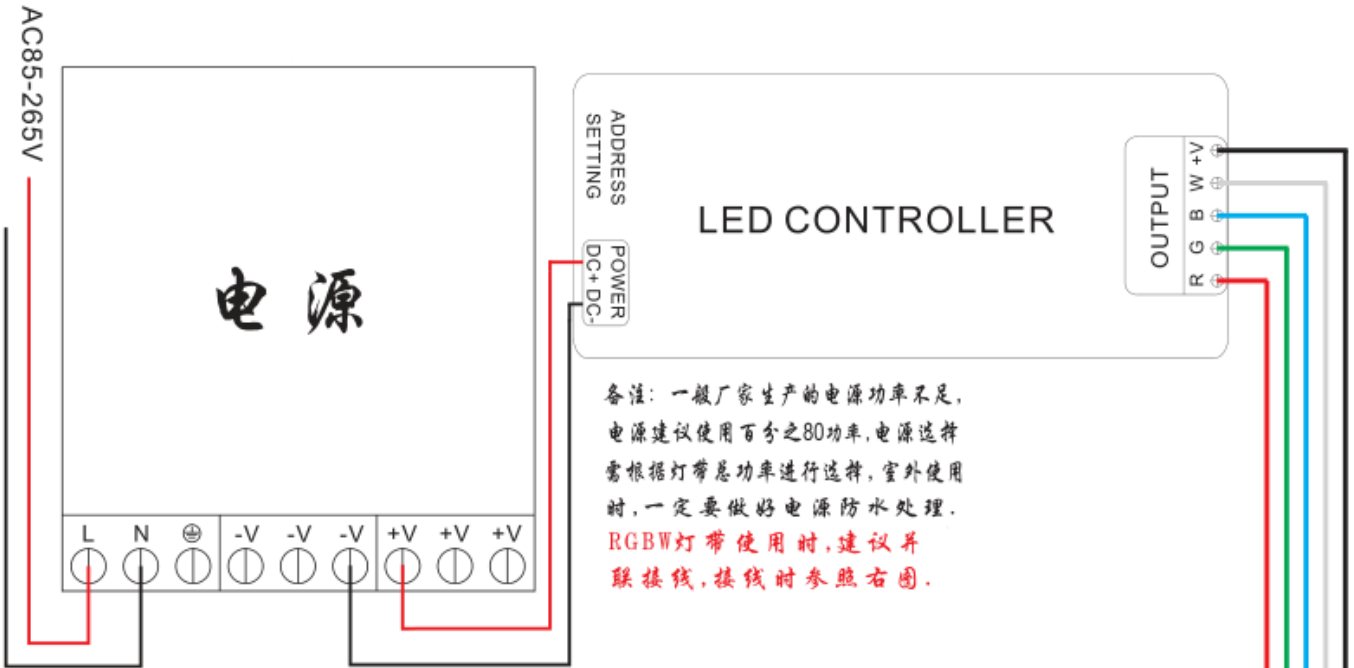


24V 60LED 5050RGBW Flexible Dimension Drawing



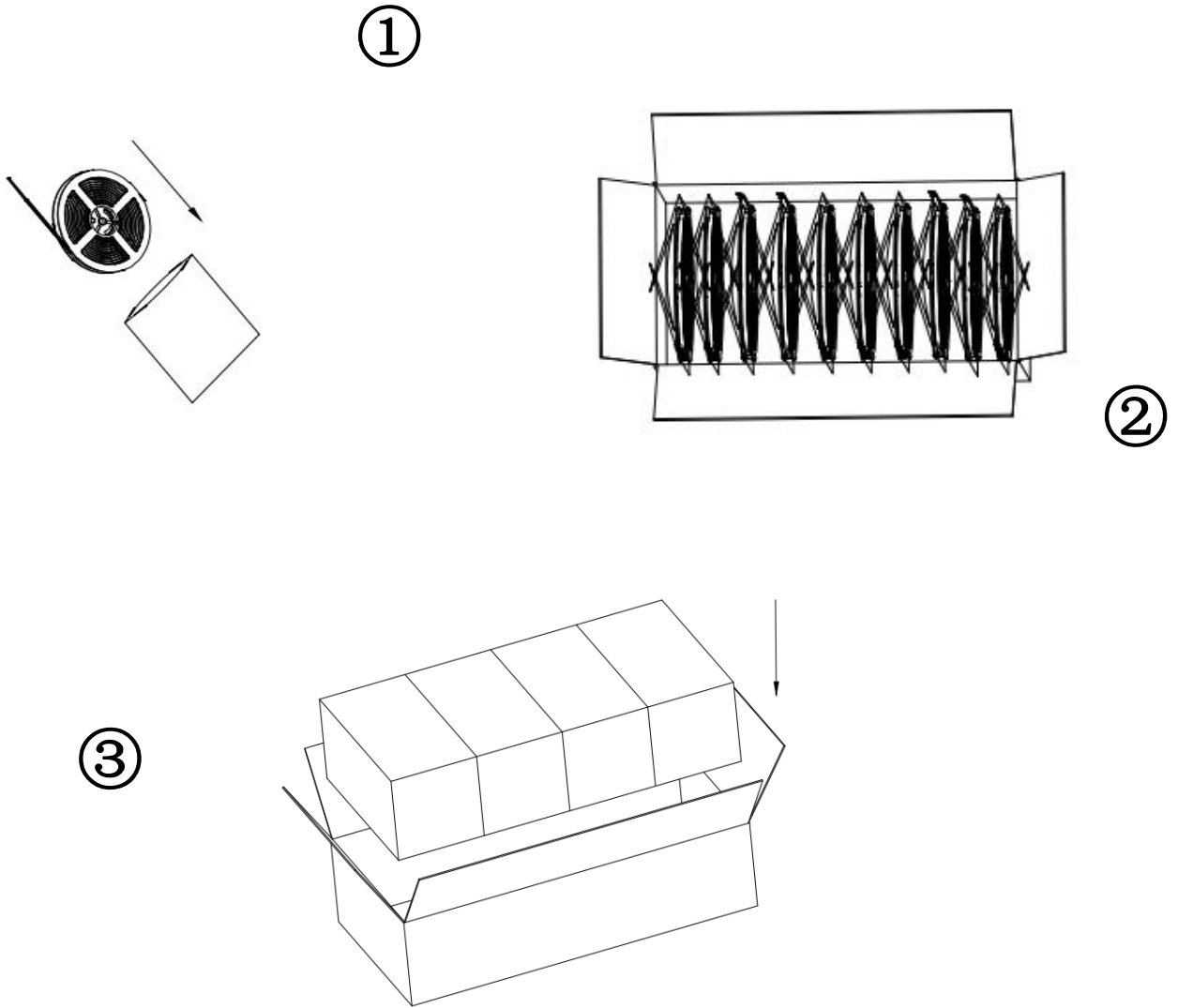
24V 60LED 5050RGBW Flexible Strip Dimension Drawing

Installation wire diagram



5050 RGBW Strip Parallel connection diagram

Package



Type	Items	Per white box	Per carton	
IP20 (Damp)	Modules	----pcs	20	80
	Weight	----Kg	6	24
	Dimension	----mm	350x210x190mm	470x420x370mm
IP65(Wet)	Modules	----pcs	14	56
	Weight	----Kg	7	28
	Dimension	----mm	350x210x210	470x420x370mm

Safety Information

1. The LED module and all its components shall not be subjected to mechanical stress
2. Correct electrical polarity, otherwise module may be damaged
3. Ensure the power supply is suitable for the total load.
4. Electrostatic Discharge (ESD) precautions shall be incorporated when handling or installing the module.
5. Installation of LED modules shall refer to all applicable electrical and safety standards.
6. Suitable for luminaire of protection class 1, grounding is mandatory to comply with safety standards
7. The AC light engine needs to be mounted to a heat sink with thermal interface material between them
8. It is better to use the AC led module with safety cover
9. Modules may be hot to touch. Use caution when handling.

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