

ZHONG SHAN RUI XIAN ELECTRONICS

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Product Data Sheet

P/N: LED flexible strip lights	
Description: RX LED flexible strip lights can save 70% electricity energy, and it has long life span. can be applied to any accessible surface.	
Features: <ol style="list-style-type: none">1. High quality and High intensity LED2. Energy saving3. Waterproof: IP67/84. Not break up5. No RF interference6. Long lifespan: ≥ 20000hrs.7. flexible strip	Applications: <ol style="list-style-type: none">1. Home decorations lighting2. Car motorcycle bicycle decorations Lighting3. Advertising signboard, event, show, exhibition4. Contour sign, Cove lighting5. Party and event centerpiece.6. Backlight or edge lighting for signage7. window , Stairway, Archway Emergency exit8. Bar and freezer cabinets9. Do it yourself.
※DC12V, the red side-line is the anode.	

LED flexible strip lights does not request expertise or professional technicians for installation. Following the next steps only:

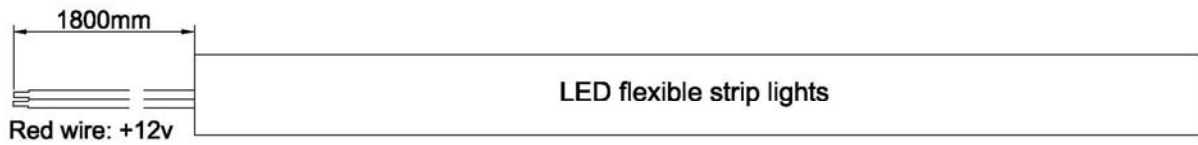
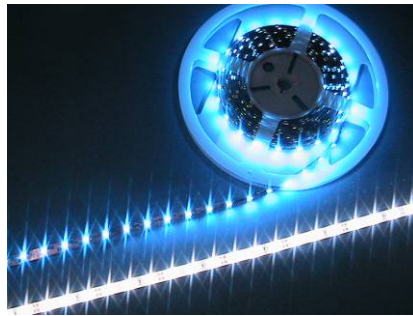
1. clean the surface where you plan to attach the ribbon light. Ensure there is no dust or oily material on the sticking space.
2. peel off the 3M tape from the backside of the ribbon
3. place the ribbon on the contour and slightly press the front of the ribbon, so the ribbon, can firmly attach on the surface.

Safety Information

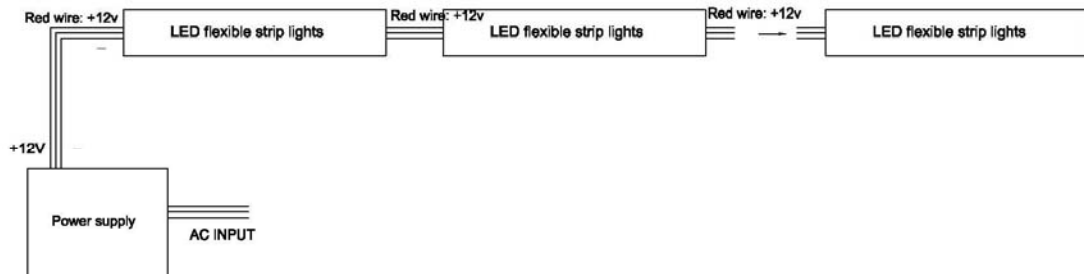
1. The strip itself and all its components may not be mechanically stressed.
2. Assembly must not damage or destroy conducting paths on the circuit board.
3. Installation of LED flexible strip (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
4. Correct electrical polarity needs to be observed. Wrong polarity may destroy the strip.
5. Parallel connection is highly recommended as safe electrical operation mode.
6. Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the strip.
7. Please ensure that the power supply is of adapters power to operate the total load.
8. When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
9. Pay attention to standard ESD precautions when installing the strip.
10. Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
11. Waterproof LED flexible strip , please note waterproof wiring Department

A:LED flexible strip lights for single color

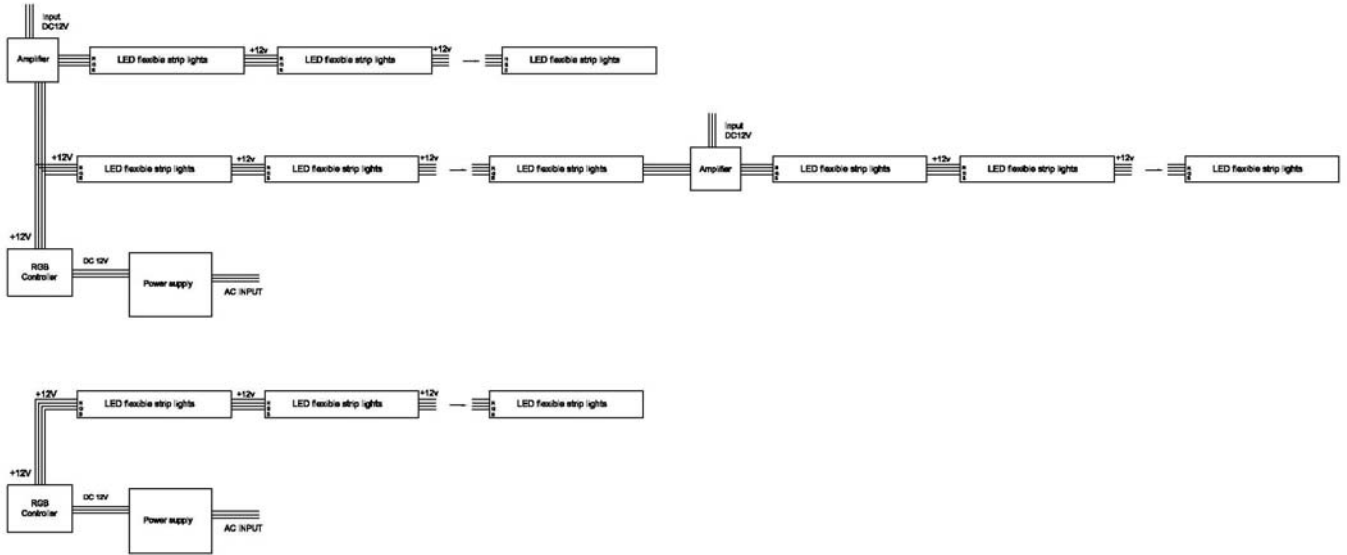
1. Standard the connection wire



- 2. At both ends power wire
- 3. At both ends 3.5mm DC plug wire
- 4. At both ends waterproof plug wire



B: LED flexible strip lights for RGB/chameleon color



LED flexible strip - Environmental protection clear transparent PVC - Patented product

Model Number	SIZE (W X H)	Length (cm)	LED QTY	LED Type	LED Lens	LED spacing	Viewing Angle (degrees)	Voltage (VDC)	Max. Power	Continuous Connection	Remarks
RX-LED24	7X12mm	24	24	3mm round	clear	10mm	30°	12V	1.7W	5M	
RX-LED16	12x8mm	24	16	5mm straw hat	clear	15mm	120°		1.7W	10M	
RX-LED5MM15-5H	8x12mm	30	15	5mm straw hat	white	20mm	120°		1W	10M	
RX-LED5MM15-5R	8x16mm	30	15	5mm round	white	20mm	60°		1W	10M	
RX-5MM15-RGB	8x16mm	30	15x3	5mm round	white	20mm	60°		3W	10M	Unique single-lamp RGB
RX-LED5MM30-5H	8x12mm	30	30	5mm straw hat	white	10mm	120°		2W	5M	
RX-LED5MM30-5R	8x16mm	30	30	5mm round	white	10mm	60°		2W	5M	
RX-5MM30-RGB	8x16mm	30	30x3	5mm round	white	10mm	60°		6W	5M	Unique single-lamp RGB

Non-waterproof LED flexible strip / The first choice for indoor lighting project

Model Number	SIZE (W X H)	Length (cm)	LED QTY	LED Type	LED Lens	LED spacing	Viewing Angle (degrees)	Voltage (VDC)	Max. Power	Continuous Connection	Remarks
RX-FPC15	Ø5X5mm	480	320	5mm straw hat	clear	15mm	120°	12V	3W	10M	
RX-FPC10-3	Ø3x8.2mm	480	480	3mm round	clear	10mm	30°		2W	5M	
RX-FPC3530	10x3mm	500	12	SMD3528	clear	25mm	120°		2.6W	15M	
RX-FPC10-5	Ø5x7.8mm	480	480	5mm round	white	10mm	20°-60°		33W	5M	
RX-LED5015	10x2mm	500	150	SMD5050	clear	33mm	120°		32W	10M	

LED flexible strip - Silica gel LED flexible strip More soft low temperature resistance(-40℃)

Model Number	SIZE (W X H) mm	Length (cm)	LED QTY	LED Type	LED Lens	LED spacing	Viewing Angle (degrees)	Voltage (VDC)	Max. Power	Continuous Connection	Remarks
RX-LED99	max 8X17	100	99	5mm round DIP	white	10mm	30-60°	12V	7W	5M	
RX-LED96	max 8x12.8	98	96	5mm Flat LED	clear	10mm	85°		6.8W	5M	
RX-SI3530	11x4	500	300	SMD3528		16mm	120°		21W	15M	
RX-SI5015	12x4	500	150	SMD5050		33mm	120°		32W	10M	
RX-SI16	11X4	480	320	5mm straw hat	clear	15mm	120°		23W	10M	

LED flexible strip - soft PCB Full-coverage Clear transparent waterproof glue

Model Number	SIZE (W X H)	Length (cm)	LED QTY	LED Type	LED Lens	LED spacing	Viewing Angle (degrees)	Voltage (VDC)	Max. Power	Continuous Connection	Remarks
RX-LED24M	3.5X2mm	48	48	SMD1206	clear	10mm	120°	12V	3W	96cm	IP67
RX-LED30T	22x2mm	16.2	30		clear				2W		IP68
RX-LED5012	10x2mm	30	12	SMD5050	clear	25mm			2.6W	10M	
RX-LED3530-WPF	8x3mm	500	300	SMD3528	clear	16mm			21W	15M	IP67
RX-LED5015-WPF	10x2mm	500	150	SMD5050	clear	33mm			32W	10M	IP67

Please be sure you choose right AC/DC power adaptor to drive LED flexible strip. If you have difficulty to buy such adaptor locally, please turn to us.