

Model No.	LSJDXS
REV.	C3

## PRODUCT SPECIFICATION FOR **LED Ribbon Light**

### Descriptions:

- Linear separable LED strip on flexible printed circuit board with self-adhesive back
- Long life, easy installation
- Voltages available 12VDC
- LED type SMD 5050

### Features:

- Available in red, orange, yellow, green, blue, white, etc
- Directly use on line voltage
- Low power consumption, high intensity
- Energy saving
- Excellent beam control
- Long life

### Application:

- Outside of Auto lighting
- Channel letter signs
- Indirect accent décor light
- Large area back lighting
- Under counter light
- Decorate building's contour
- Substitute neon light

### Product Picture:





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### Device Selection Guide

Module No.	Color	Dom. Wavelength (Typ.)	Intensity / Per LED (Typ.)
LSJDRS	Red	625±5nm	1120 mcd
LSJDOS	Orange	605±5nm	1120 mcd
LSJDYS	Yellow	590±5nm	1120 mcd
LSJDGS	Green	525±5nm	3000 mcd
LSJDBS	Blue	470±5nm	1560mcd
LSJDWS	White	X=0.27;Y=0.28	7000mcd
LSJDMS	Warm White	X=0.45;Y=0.41	5000mcd
LSJDKS	Pink	X=0.45;Y=0.17	1900mcd
LSJDTS	Red	625±5nm	750mcd
	Green	525±5nm	1120mcd
	Blue	470±5nm	400mcd

### Absolute Maximum Ratings(Ta=25 )

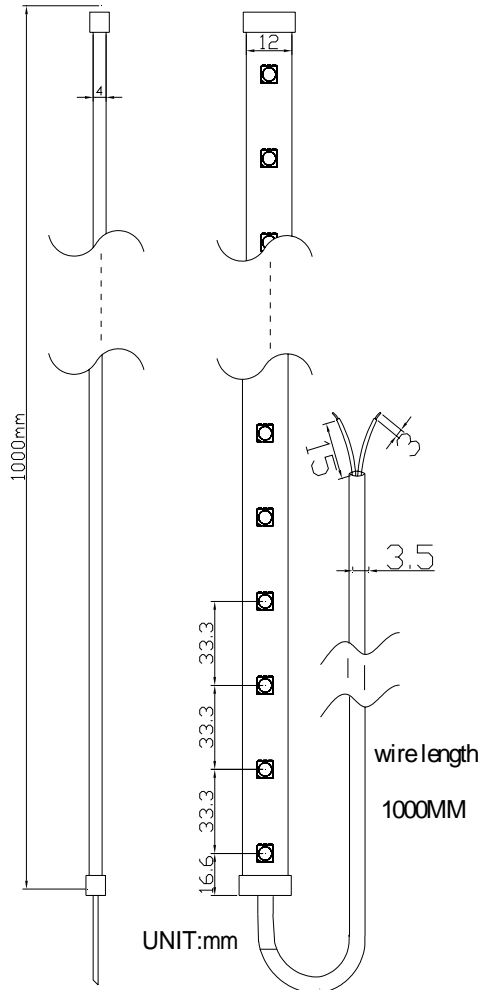
Items	Symbol	Values	Units
Operating Supply Range(DC)	V <sub>dc</sub>	14	V
Input Current (DC)	I <sub>i</sub>	0.9	A
Power Dissipation	P <sub>a</sub>	12.6	W
LED Light Source Temperature	T <sub>led</sub>	105	DegC
Operating Temperature	T <sub>ope</sub>	-10 ~ +40	DegC
Storage Temperature	T <sub>sto</sub>	-20 ~ +80	DegC

### Typical Performance (Ta=25 )

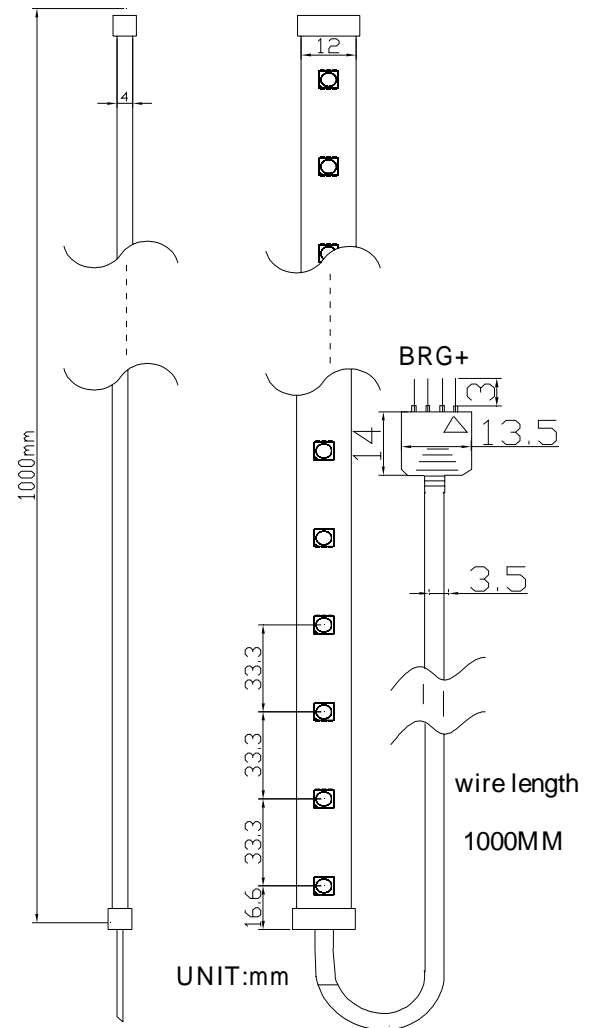
Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P <sub>m</sub>	-	7.2	12.6	w
Input Voltage(DC)	V <sub>i</sub>	-	12	14	V
Product Input Current	I <sub>f</sub>	-	0.6	0.9	A
Beam Pattern	BP	-	120	-	Deg
Total Length of Modules (Including Pin)	L <sub>mod.</sub>	-	1000	-	mm
LED Quantity	QTY	-	30	-	PCS
Net Weight	Wei.	---	100	---	g

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**Product Dimensions:**



**Single color strip**



**RGB color strip**

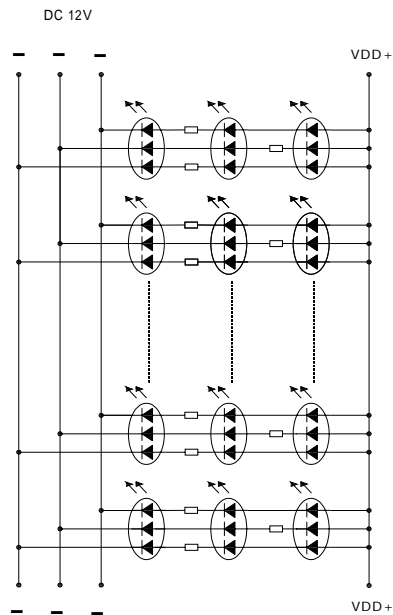
**Tolerance : ±2mm**

**Remark:**

- 1) For single color, use 4-pin socket
- 2) For RGB color, use 2-wire (red and black).

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## Pa Product Circuit



## Shipping information:

Box Dimensions

Unit: mm

Tolerance:  $\pm 2\text{mm}$

