



Model No.	LSB1XS
REV.	C2

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:

- Inside 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.)
LSB1RS	Red	625±5nm	1120 mcd
LSB1OS	Orange	605±5nm	1120 mcd
LSB1YS	Yellow	590±5nm	1120 mcd
LSB1GS	Green	525±5nm	3000 mcd
LSB1BS	Blue	470±5nm	1560mcd
LSB1WS	White	X=0.27;Y=0.28	7000mcd
LSB1MS	Warm White	X=0.45;Y=0.41	5000mcd
LSB1KS	Pink	X=0.45;Y=0.17	1900mcd
LSB1TS	Red	625±5nm	750mcd
	Green	525±5nm	1120mcd
	Blue	470±5nm	400mcd

Absolute Maximum Ratings(Ta=25)

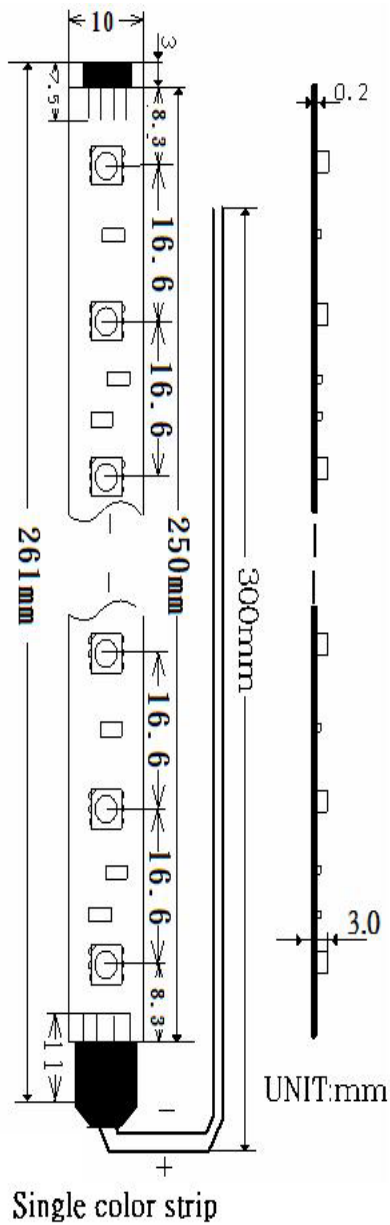
Items	Symbol	Values	Units
Operating Supply Range(DC)	V _{dc}	14	V
Input Current (DC)	I _i	0.45	A
Power Dissipation	P _a	6.3	W
LED Light Source Temperature	T _{led}	105	DegC
Operating Temperature	T _{ope}	-10 ~ +40	DegC
Storage Temperature	T _{sto}	-20 ~ +80	DegC

Typical Performance (Ta=25)

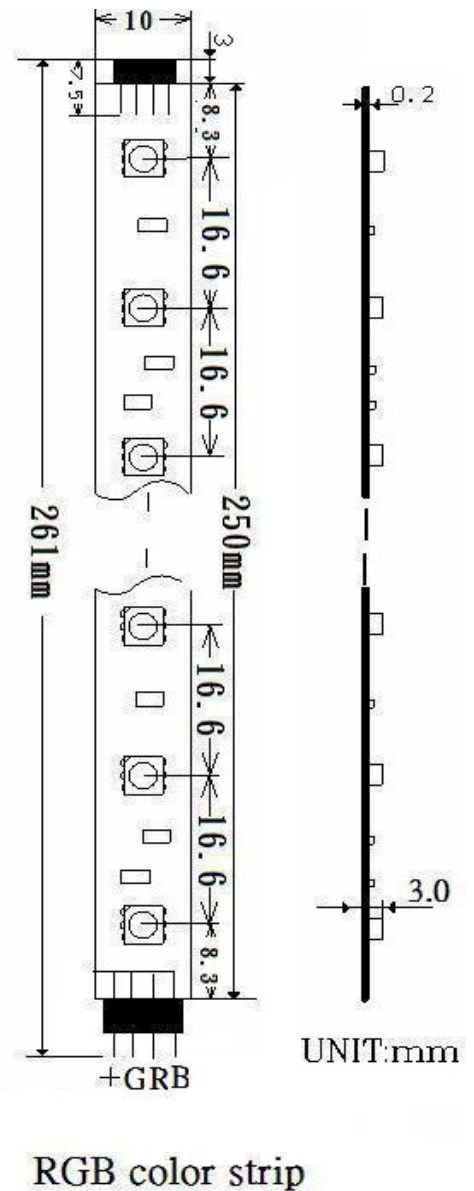
Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P _m	-	3.6	6.3	w
Input Voltage(DC)	V _i	-	12	14	V
Product Input Current	I _f	-	0.3	0.45	A
Beam Pattern	BP	-	120	-	Deg
LED Quantity	QTY	-	15	-	PCS
Total Length of Modules (Including Pin)	L _{mod.}	-	261	-	mm
Net Weight	Wei.	---	25	---	g

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Product Dimensions:



Tolerance : ±2mm



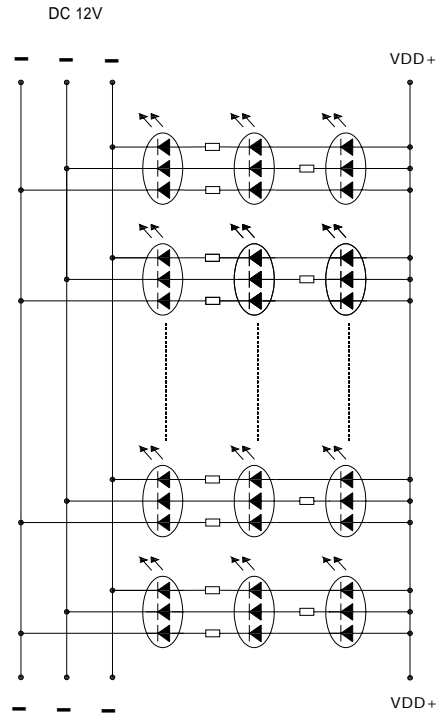
Remark:

- 1) For single color, use 2-wire (Red, black) external connection wire in which three internal “-“ shorted.
- 2) For RGB color, It not connection wire.



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Product Circuit



Packing information:

Box Dimensions

Unit: mm

Tolerance: ± 2 mm

