Model No.	OSMF50830GP-XXXXS3C1A-D
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 Model Number: OSXXXXS3C1A

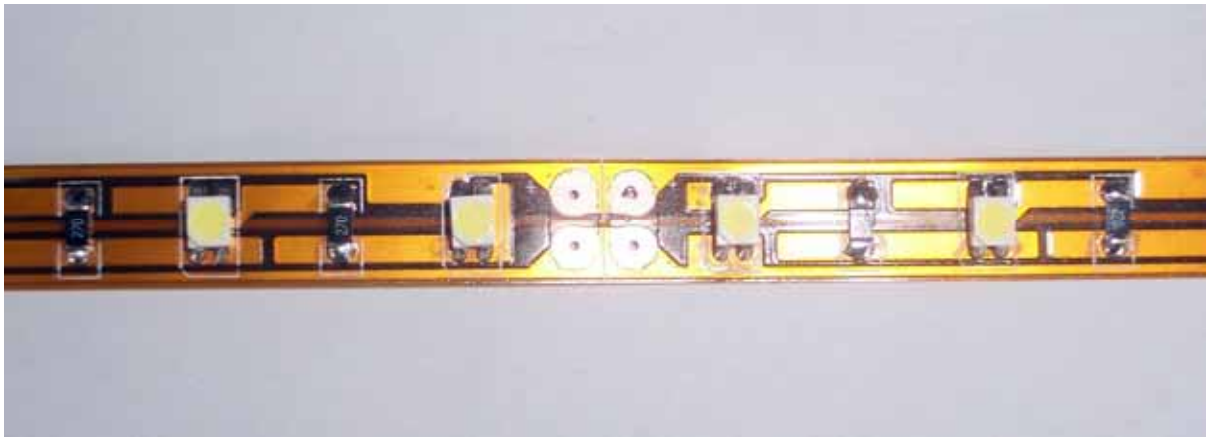
Features:

- Available in Red , Orange , Yellow , Green , Blue , White
- Directly use on line voltage
- Low Power Consumption , High intensity
- Energy saving
- Excellent beam control
- Long life

Application:

- 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.)
R5CAS3C1A -X	Red	624±5nm	2800 mcd
O5CAS3C1A -X	Orange	605±5nm	2800 mcd
Y5CAS3C1A -X	Yellow	590±5nm	2800 mcd
G58AS3C1A -X	Green	525±5nm	3300 mcd
B56LS3C1A -X	Blue	470±5nm	900 mcd
W57LS3C1A -X	White	X=0.27 ; Y=0.28	4000 mcd
M57LS3C1A -X	Warm White	X=0.45 ; Y=0.41	3000 mcd
K57LS3C1A -X	Pink	X=0.45 ; Y=0.17	900 mcd

Absolute Maximum Ratings(Ta=25℃)

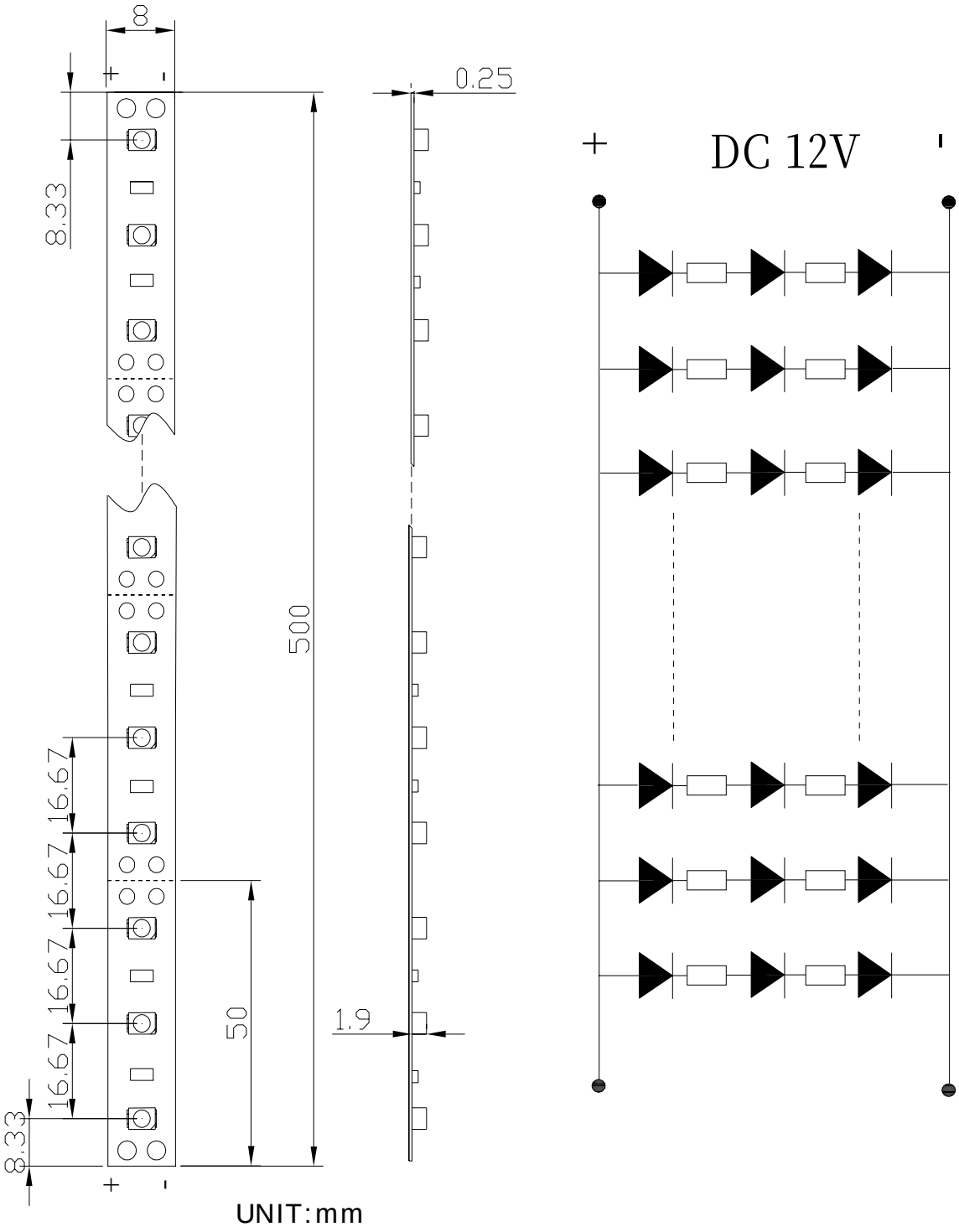
Items	Symbol	Values	Units
Operating supply range(DC)	Vidc	13	V
Input Current (DC)	Ii	0.6	A
Power Dissipation	Pa	7.8	W
LED Light Source Temperature	Tled	105	DegC
Operating Temperature	Tope	-10 ~ +40	DegC
Storage Temperature	Tsto	-20 ~ +80	DegC

Typical Performance (Ta=25℃)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	Pm	-	6	7.8	W
Input Voltage(DC)	Vi	-	12	13	V
Product input Current	If	-	0.5	0.6	A
Beam Pattern	BP	-	120	-	Deg
Total Length of Modules (Including Pin)	Lmod.	-	500	-	mm
Net Weight	Wei.	---	5.5	---	g

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Product Dimensions



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Applied product electrical connection schematic diagram:

