

Model No.	OSMW03C12GP- XXXXS1C1A
REV.	C1

## PRODUCT SPECIFICATION FOR **LED Module**

### Descriptions:

- Linear separable LED strip on flexible printed circuit board with self-adhesive back.
- Long life, Easy Installation
- Voltages Available 12-16VDC, Stable input current .
- LED Model Number: OSXXXXS1C1A

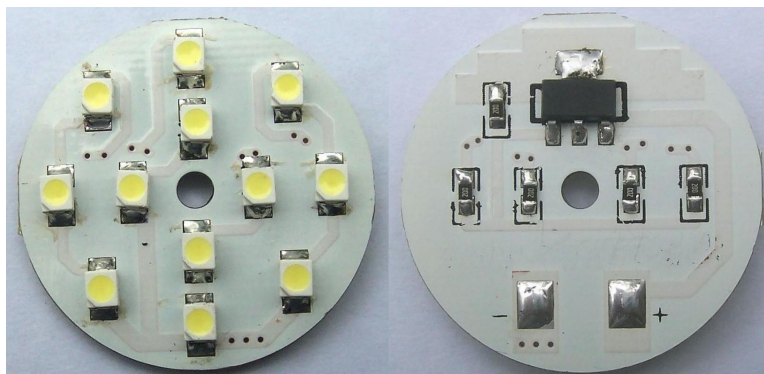
### Features:

- Available in Red , Orange , Yellow , Green , Blue , White, Warm White etc.
- 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.)
R5MAS1C1A	Red	625±5nm	1560 mcd
O5MAS1C1A	Orange	605±5nm	1560 mcd
Y5MAS1C1A	Yellow	590±5nm	1560 mcd
G5DAS1C1A	Green	525±5nm	1560 mcd
B5SAS1C1A	Blue	475±5nm	1120 mcd
W5DLS1C1A	White	X=0.27 ; Y=0.28	1560 mcd
M5DLS1C1A	Warm White	X=0.45 ; Y=0.41	1120 mcd
K5DLS1C1A	Pink	X=0.45 ; Y=0.17	500 mcd

### Absolute Maximum Ratings(Ta=25°C)

Items	Symbol	Values	Units
Operating supply range(DC)	V <sub>idc</sub>	14	V
Input Current (DC)	I <sub>i</sub>	60	mA
Power Dissipation	P <sub>a</sub>	0.84	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°C)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P <sub>m</sub>	-	0.72	0.84	w
Input Voltage(DC)	V <sub>i</sub>	-	12	14	V
Product input Current	I <sub>f</sub>	-	60	60	mA
Beam Pattern	BP	-	120	-	Deg
Total diameter of PCB	L <sub>mod.</sub>	-	32	-	mm
Net Weight	Wei.	---	3	---	g



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**Product Dimensions:**

