

Model No.	OSPM-X2518ETS
REV.	C1

## PRODUCT SPECIFICATION FOR **LED STRIP**

### Descriptions:

- Linear separable LED strip on flexible printed circuit board with self-adhesive back.
- Long life, Easy Installation
- Voltages Available 12VDC
- LED Model Number: OSXX51B1S

### 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.)
OSPM-R2518ETS	Red	625±5nm	500mcd
OSPM-O2518ETS	Orange	605±5nm	500mcd
OSPM-Y2518ETS	Yellow	590±5nm	500mcd
OSPM-G2518ETS	Pure Green	525±5nm	750mcd
OSPM-B2518ETS	Blue	470±5nm	450mcd
OSPM-C2518ETS	Warm White	X=0.44 ; Y=0.41	600mcd
OSPM-W2518ETS	White	X=0.30 ; Y=0.33	750 mcd

## 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>	0.27	A
Power Dissipation	P <sub>a</sub>	3.78	W
LED Light Source Temperature	T <sub>led</sub>	105	DegC
Operating Temperature	T <sub>ope</sub>	-30 ~ +50	DegC
Storage Temperature	T <sub>sto</sub>	-40 ~ +80	DegC

## Typical Performance (Ta=25 )

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P <sub>m</sub>	-	2.16	3.78	w
Input Voltage(DC)	V <sub>i</sub>	-	12	14	V
Product input Current	I <sub>f</sub>	-	0.18	0.27	A
Beam Pattern	BP	-	120	-	Deg
Total Length of Modules (Including Pin)	L <sub>mod.</sub>	-	254	-	mm
Estimated Life	Life	20000	-	-	hour

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**Product Dimensions:**

