

Description:

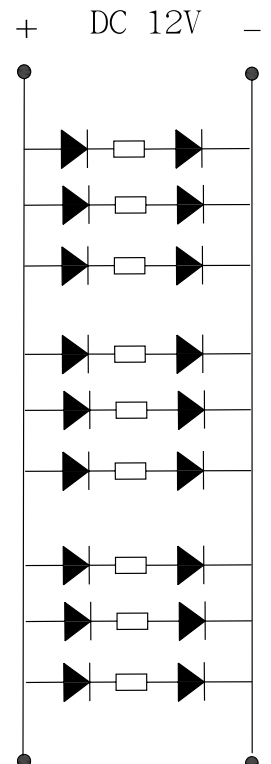
- Linear separable LED strip on flexible printed circuit board with self-adhesive back.
- Long life, easy installation
- Voltages available 12VDC
- LED Model Number: OSXX51B1S

Features:

- Available in White and Warm 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



Device Selection Guide

Order code	MPN	Colour	Dominant Wavelength (Typical)	Intensity/Per LED (Typical)
56-0464	OSPM-C2518ETS	Warm White	X=0.44 ; Y=0.41	600mcd

Absolute maximum rating (Ta=25°C)

Items	Symbol	Values	Units
Operating supply range (DC)	V _{dc}	14	V
Input Current (DC)	I _i	0.27	A
Power Dissipation	P _a	3.78	W
LED Light Source Temperature	T _{led}	105	°C
Operating Temperature	T _{ope}	-30 ~ +50	°C
Storage Temperature	T _{sto}	-40 ~ +80	°C

Typical Performance (Ta=25°C)

Items	Symbol	Minimum	Typical	Maximum	Units
LED Module Power	P _m	-	2.16	3.78	W
Input Voltage (DC)	V _i	-	12	14	V
Product input Current	I _f	-	0.18	0.27	A
Beam Pattern	BP	-	120	-	°
Total Length of Modules (Including Pin)	L _{mod.}	-	254	-	mm
Estimated Life	Life	20000	-	-	Hours