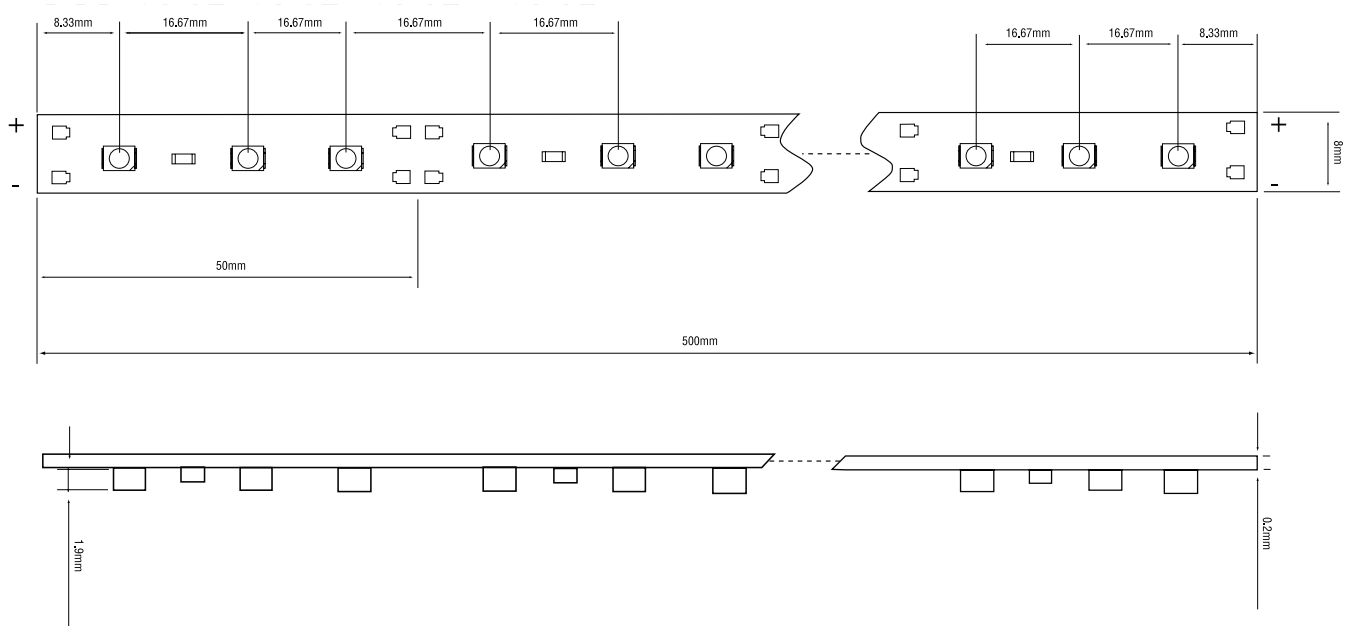




Product dimensions:



Description:

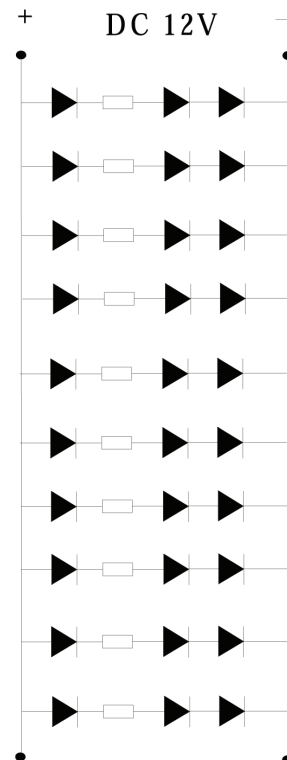
- Linear separable LED strip on flexible printed circuit board with self-adhesive back
- Long life, easy installation
- 12V DC operation

Features

- Available in warm white, white, red, pure green and blue
- Directly use on line voltage
- Low power consumption, high intensity
- Energy saving
- Excellent beam control
- Long life

Application

- Channel letter signs
- Indirect accent lighting
- Large area back lighting
- Under counter light
- Neon light substitute



Absolute Maximum Ratings (Ta=25°C)

Items	Symbol	Values	Units
Operating supply range (DC)	V _{dc}	14	V
Input current (DC)	I _i	0.3	A
Power Dissipation	P _a	4.2	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	Min.	Typ.	Max.	Units
LED module power	P _m	–	2.4	4.2	W
Input voltage (DC)	V _i	–	12	14	V
Product input current	I _f	–	0.2	0.3	A
Beam pattern	BP	–	120	–	Deg
Total length of modules (including pin)	L _{mod.}	–	500	–	mm
Estimated	Life	2000	–	–	hour

Device Selection Guide

Order code	MPN	Colour	Dom. Wavelength (Typical)	Intensity/per LED (Typical)
56-0478	OSPM-C5030ETS	Warm White	X=0.44, Y=0.41	600mcd
56-0480	OSPM-W5030ETS	White	X=0.30; Y=0.33	750mcd