

Descriptions:

- Linear separable LED strip on flexible printed circuit board with self-adhesive back
- Short distance cutting, only 16.67mm
- Flexible cutting for preferable lengths – less waste
- Voltage available in 12VDC
- LED Type: SMD LED, 5 x 5mm, 120°

Features:

- Directly use on line voltage
- Low power consumption, high intensity
- Energy saving
- Excellent beam control
- Long life

Applications

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

Device selection guide

Order code	MPN	Colour	Dominant wavelength	Intensity/LED (Typ.)
76-0015	OSFY016W510	White	X = 0.27; Y = 0.28	4250 mcd
76-0016	OSFY016M510	Warm white	X = 0.45; Y = 0.41	3750 mcd

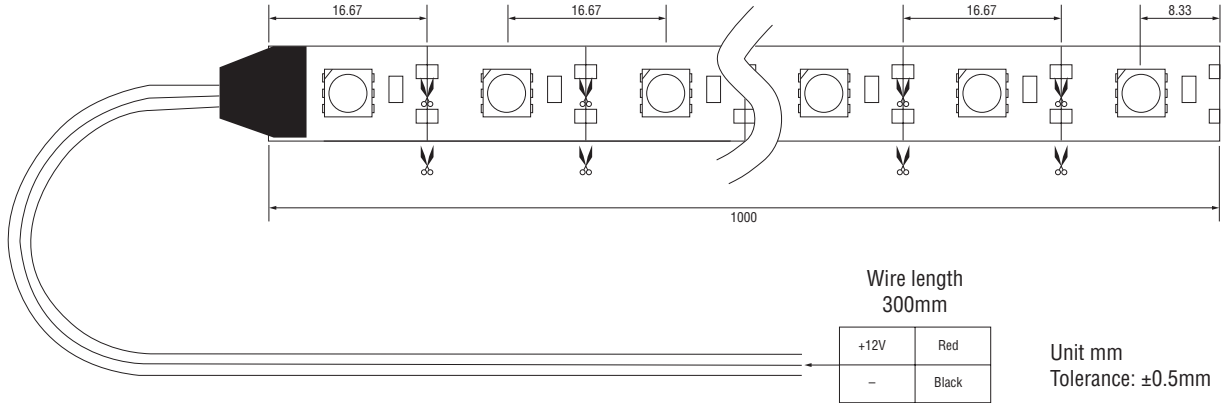
Absolute maximum rating (Ta=25°C)

Item	Symbol	Value	Unit
Operating supply range (DC)	V_{idc}	14	V
Input current (DC)	I_i	1.8	A
Power dissipation	P_a	25.2	W
LED light source temperature	T_{led}	105	°C
Operating temperature	T_{ope}	-10 to +40	°C
Storage temperature	T_{sto}	-20 to +80	°C

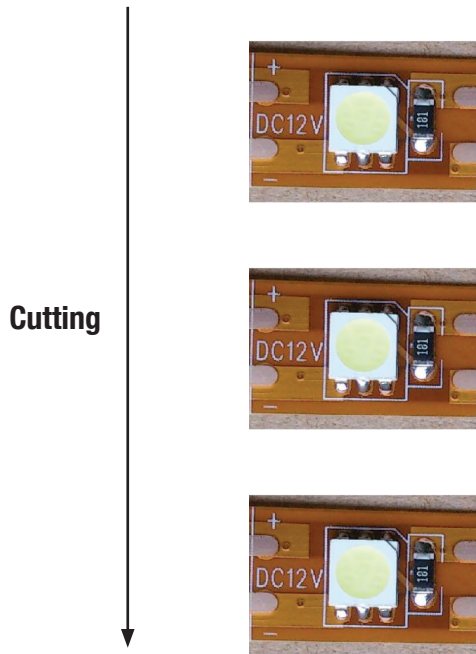
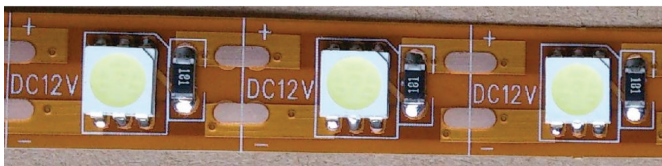
Typical performance (Ta=25°C)

Item	Symbol	Min.	Typ.	Max.	Unit
LED Module power	P_m	-	14.4	25.2	w
Input voltage (DC)	V_i	-	12	14	V
Product input current	I_f	-	1.2	1.8	A
Beam pattern	BP	-	120	-	Deg.
Total length of modules (including pin)	$L_{mod.}$	-	1000	-	mm
LED Quantity/meter	QTY	-	60	-	Pcs
Net weight	Wei.	-	16	-	g

Product dimensions:



Cutting:



Short distance cutting – only 16.67mm!