

# LED FLEXIBLE STRIP FLEXION SLEEVE

LED Flexible Strip Flexion Sleeve comes with high flexibility, water proof and easy installation. Flexion Sleeve is protected by a layer of silicon cover, however that does not obstruct the flexibility of the strip. Whether it is for home or commercial area, Flexion Sleeve is very easy to install and made to be customized to personal preferences and surroundings to create the perfect ambience and at the same time making sure energy spending saved.



## SPECIFICATIONS

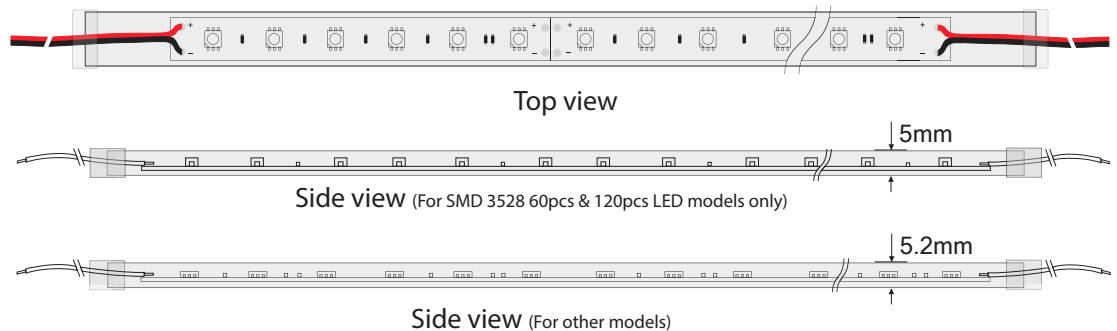
- Power : 5W, 8W, 10W, 12W & 15W (based on LED types)
- CCT : 2700K, 3000K, 4000K, Red, Green, Blue & Yellow
- LED type : SMD 3528 & SMD 5050
- CRI : 80 & 90
- IP Rating : IP68

## HIGHLIGHTS

- High flexibility
- Low heat emission
- Field installation friendly

## CERTIFICATIONS

- CE
- RoHS



Note:  
For more details, please refer to Dimension Chart in Pg3

# LED FLEXIBLE STRIP FLEXION SLEEVE

## Technical Specifications

### SMD 3528

Article Number		AD-AEG-FA-BCyAF3**	AD-AEE-FA-BCyAF3**	AD-AEC-FA-BCyAF3**
Optical	Brightness	320lm/ Meter <sup>1</sup> , 250lm/ Meter <sup>2</sup>	640lm/ Meter <sup>1</sup> , 500lm/ Meter <sup>2</sup>	960lm/ Meter <sup>1</sup> , 750lm/ Meter <sup>2</sup>
	LED type	SMD 3528	SMD 3528	SMD 3528
	Beam angle	120°	120°	120°
Environmental	Operating temperature	-20°C - 40°C	-20°C - 40°C	-20°C - 40°C
	Operating humidity range	0 - 90%RH	0 - 90%RH	0 - 90%RH
	Ingress protection	IP68	IP68	IP68
	LED lifetime	50,000Hours	50,000Hours	50,000Hours
Power	Mains input	24VDC	24VDC	24VDC
	Power consumption maximum	5W/ Meter	10W/ Meter	15W/ Meter
Physical	Number of LEDs	60 pcs/ Meter	120 pcs/ Meter	180 pcs/ Meter
	Housing	Polymer	Polymer	Polymer
	Cover	Polymer	Polymer	Polymer
	Dimensions	10.8(W) x 5(H) mm	10.8(W) x 5(H) mm	13(W) x 5.2(H) mm

### SMD 5050

Article Number		AD-AEK-FA-BCyAF1**	AD-AEL-FA-BCyAF1**	AD-AEC-FA-BCyAF1**
Optical	Brightness	480lm/ Meter <sup>1</sup> , 375lm/ Meter <sup>2</sup>	768lm/ Meter <sup>1</sup> , 600lm/ Meter <sup>2</sup>	960lm/ Meter <sup>1</sup> , 750lm/ Meter <sup>2</sup>
	LED type	SMD 5050	SMD 5050	SMD 5050
	Beam angle	120°	120°	120°
Environmental	Operating temperature	-20°C - 40°C	-20°C - 40°C	-20°C - 40°C
	Operating humidity range	0 - 90%RH	0 - 90%RH	0 - 90%RH
	Ingress protection	IP68	IP68	IP68
	LED lifetime	50,000Hours	50,000Hours	50,000Hours
Power	Mains input	24VDC	24VDC	24VDC
	Power consumption maximum	7W/ Meter	12W/ Meter	15W/ Meter
Physical	Number of LEDs	30 pcs/ Meter	48 pcs/ Meter	60 pcs/ Meter
	Housing	Polymer	Polymer	Polymer
	Cover	Polymer	Polymer	Polymer
	Dimensions	13(W) x 5.2(H) mm	13(W) x 5.2(H) mm	13(W) x 5.2(H) mm

\*\* Note :

y = Color Temperature

A= 2700K CRI>80, L= 2700K CRI>90

B= 3000K CRI>80, M= 3000K CRI>90

C= 4000K CRI>80, O= 4000K CRI>90

H= Red, J= Green, I= Blue, K= Yellow

<sup>1</sup> = Lumen (White, CRI>80), <sup>2</sup> = Lumen (White, CRI>90)

\*\* All specifications are subjected to change without prior notice.

\*\* Red, Green, Blue & Yellow do not come with brightness.

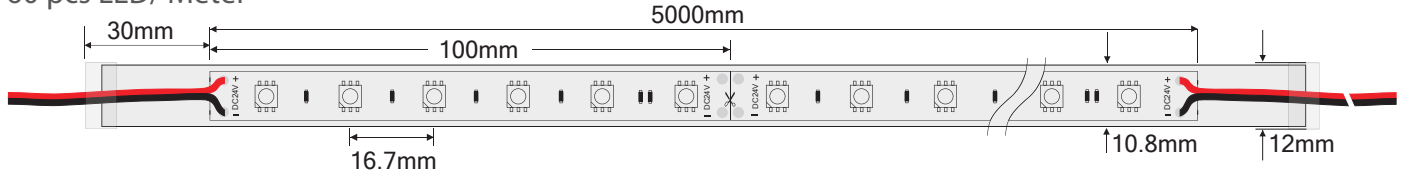
\*\* Light strip with 12VDC input is available upon request

# LED FLEXIBLE STRIP FLEXION SLEEVE

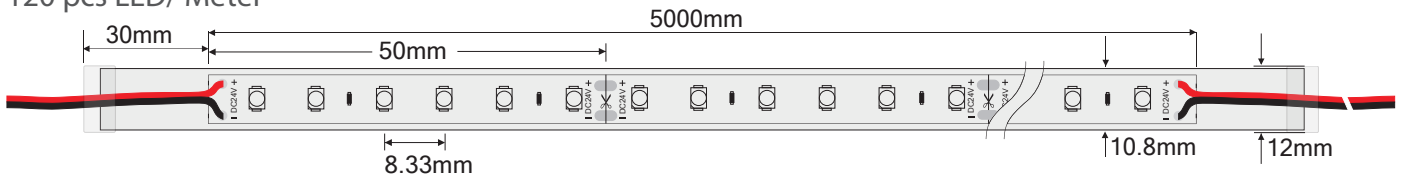
## Dimension Chart

SMD 3528

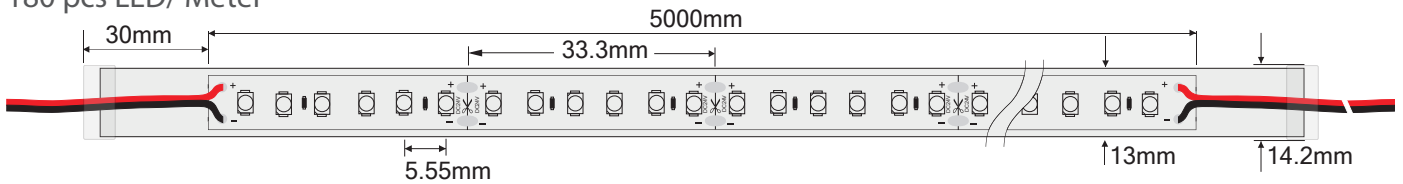
60 pcs LED/ Meter



120 pcs LED/ Meter

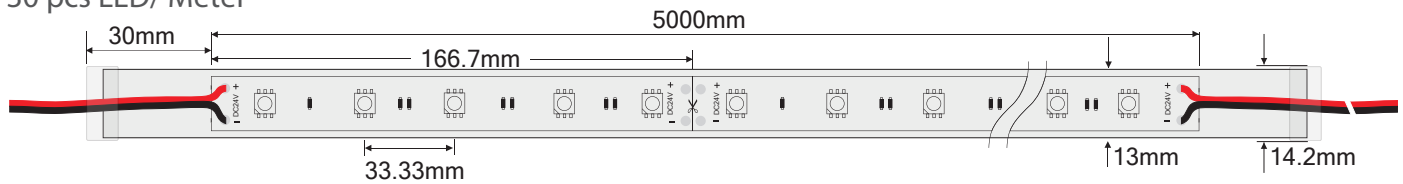


180 pcs LED/ Meter

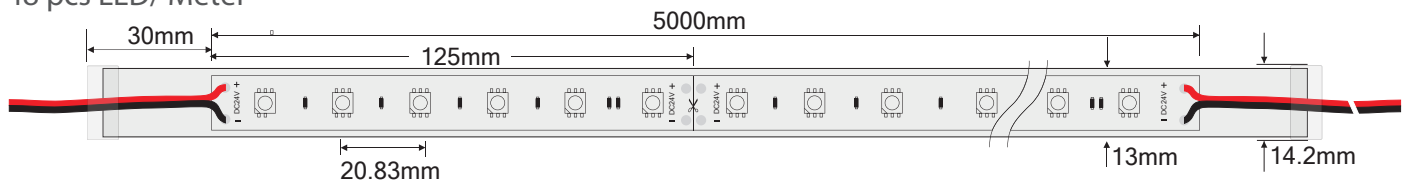


SMD 5050

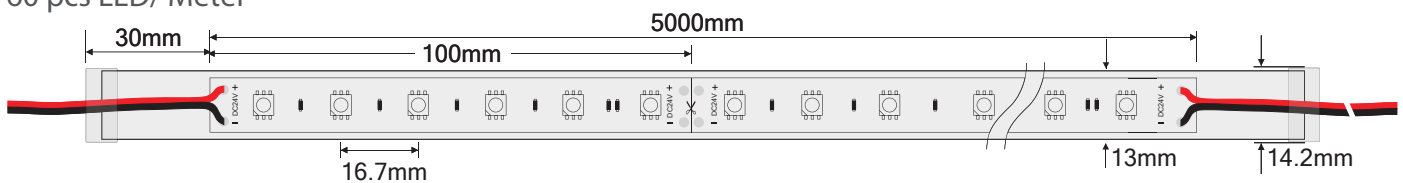
30 pcs LED/ Meter



48 pcs LED/ Meter



60 pcs LED/ Meter



Note:

1. Tolerance for dimensions =  $\pm 1\text{mm}$