

# 3528 SMD Strip Light

## Waterproof B-series

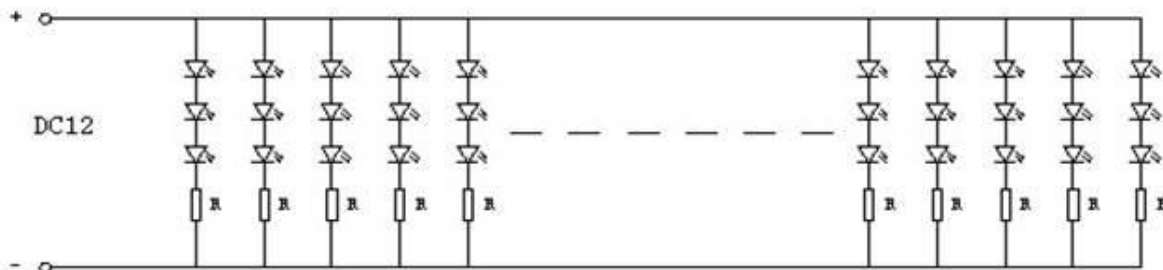
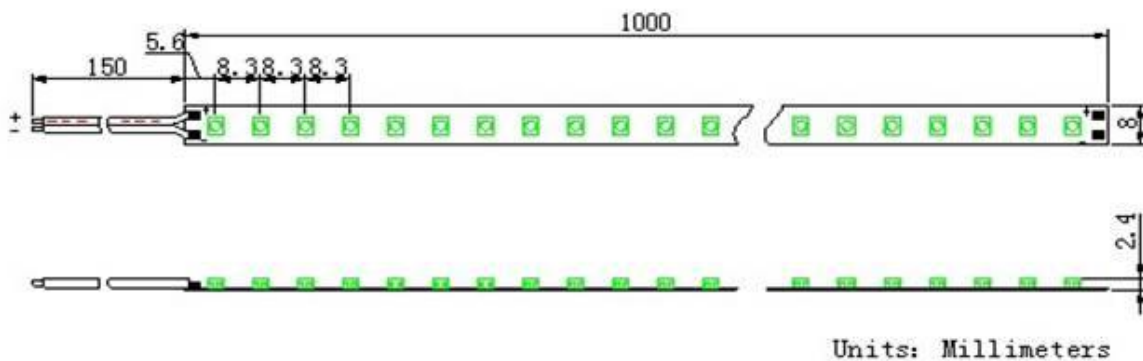
### Applications

- ◆ Car decoration
- ◆ Architectural decorative lighting
- ◆ Archway, canopy and bridge edge lighting
- ◆ Auditorium walkway lighting
- ◆ Backlighting for signage letters
- ◆ Channel letter lighting



### Product features:

- ◆ Linear separ LED strip on flexible PCB with self-adhesive back 3LEDs agroup
- ◆ Various angle 120degrees
- ◆ Made of flared LEDs with lighting emitting in the direction of PCB
- ◆ Available colors: red green blue yellow white warmwhite
- ◆ Work Voltage: DC12&24V
- ◆ Professionally encapsulated to be waterproof IP54
- ◆ The Total 5M temperature is 60°C
- ◆ Anti-Uv Design



### Notes:

- ◆ All dimension units are millimeters
- ◆ All dimension tolerance is +1mm unless otherwise noted
- ◆ Electrical parameters as the standard 1M

Absolute Maximum Rating at TA=25 °C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	800	mA
Power Dissipation	PD	9.6	W
Electrostatic discharge	ESD	800	V
Operating Temperature	Topr	-25 – 60	°C
Storage Temperature	Tstg	-40 – 80	°C

Electrical / Optical Characteristics at

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage DC	VF	IF=800mA	~	12	~	V
Dominant Wavelength	$\lambda$ D	IF=800mA	~	~	~	nm
Luminous flux	$\phi$ V	IF=800mA	~	240	~	lm
Recommend Forward Current IF(rec)	~		~	800	~	mA

**Basic Technical Data**

Part Number	Color	LED Quantity	Luminous(lm)	Viewing Angle 2 $\theta$ 1/2	Current (mA)	Packing Means
SU200912-W	White	120	600-650	120°	680-760	5m/reel
SU200912-R	Red	120	260-280	120°	680-760	5m/reel
SU200912-G	Green	120	350-422	120°	680-760	5m/reel
SU200912-B	Bule	120	140-176	120°	680-760	5m/reel
SU200912-Y	Yellow	120	246-280	120°	680-760	5m/reel