

# 3528 SMD Strip Light Waterproof B-series

## Applications

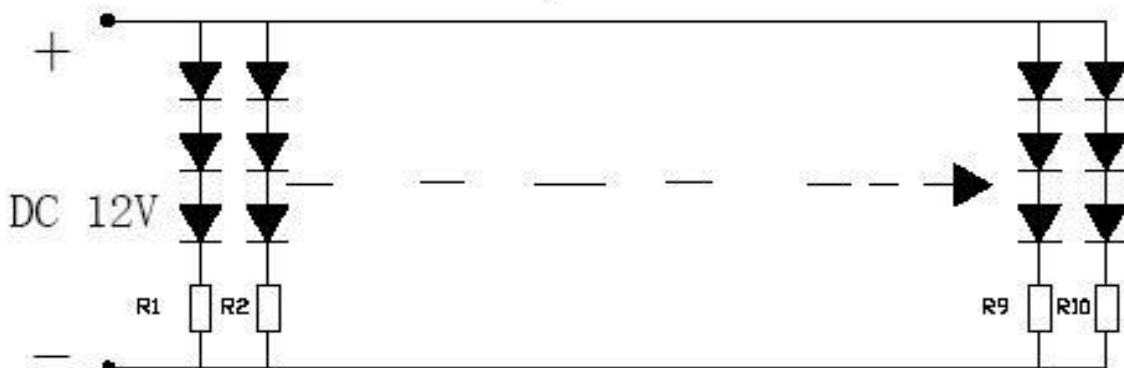
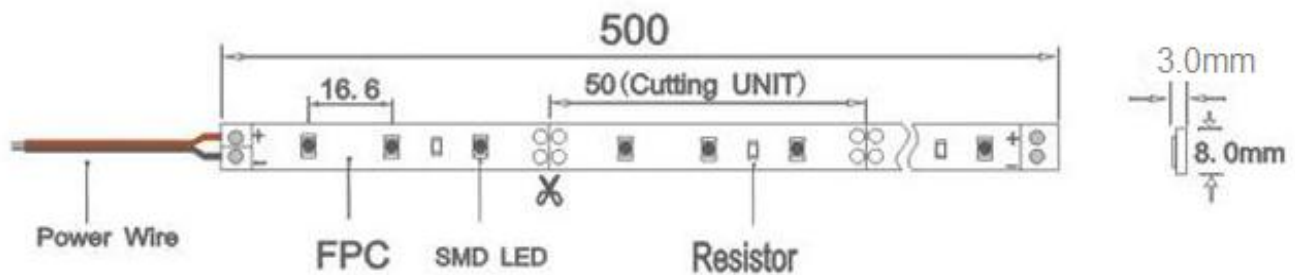
- ◆ Car decoration
- ◆ Architectural decorative lighting
- ◆ Archway, canopy and bridge edge lighting
- ◆ Auditorium walkway lighting
- ◆ Backlighting for signage letters
- ◆ Channel letter lighting



## Product features:

- ◆ Snowdragon LED strip on flexible PCB with self-adhesive back 3LEDs agroup
- ◆ Various angle 120degrees
- ◆ Made of leaded 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 IP66
- ◆ Anti-Uv Design

## Dimension drawing:



## Notes:

- ◆ All dimension units are millimeters
- ◆ All dimension tolerance is +1mm unless otherwise noted
- ◆ Electrical parameters as the standard 0.5M

## Absolute Maximum Rating at TA=25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	200	mA
Power Dissipation	PD	2.4	W
Electrostatic discharge	ESD	2000	V
Operating Temperature	Topr	-25 – 60	°C
Storage Temperature	Tstg	-40 – 80	°C

## Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Condition	Typ	Unit
Forward Voltage DC	VF	IF=200mA	12	V
Dominant Wavelength	$\lambda D$	IF=200mA	~	nm
Luminous flux	$\phi V$	IF=200mA	100	lm
Recommend Forward Current	IF(rec)	~	200	mA

## Basic Technical Data

Part Number	Color	LED	Luminous (lm)	Viewing Angle	WaveLengt h	Current (mA)	Packing Means
		Qty					
SD12FAWSMD3528W-60	White	30	90-110	120°	6000-7000K	180-200	5m/reel
SD12FAWSMD3528R-60	Red	30	30-35	120°	620-630nm	180-200	5m/reel
SD12FAWSMD3528G-60	Green	30	60-70	120°	510-525nm	180-200	5m/reel
SD12FAWSMD3528B-60	Bule	30	20-25	120°	455-470nm	180-200	5m/reel
SD12FAWSMD3528Y-60	Yellow	30	25-30	120°	585-595nm	180-200	5m/reel
SD12FAWSMD3528P-60	Purple	30	15-20	120°	400-410nm	180-200	5m/reel

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