



2835 CCT Adjustable Strip

CCT ADJ

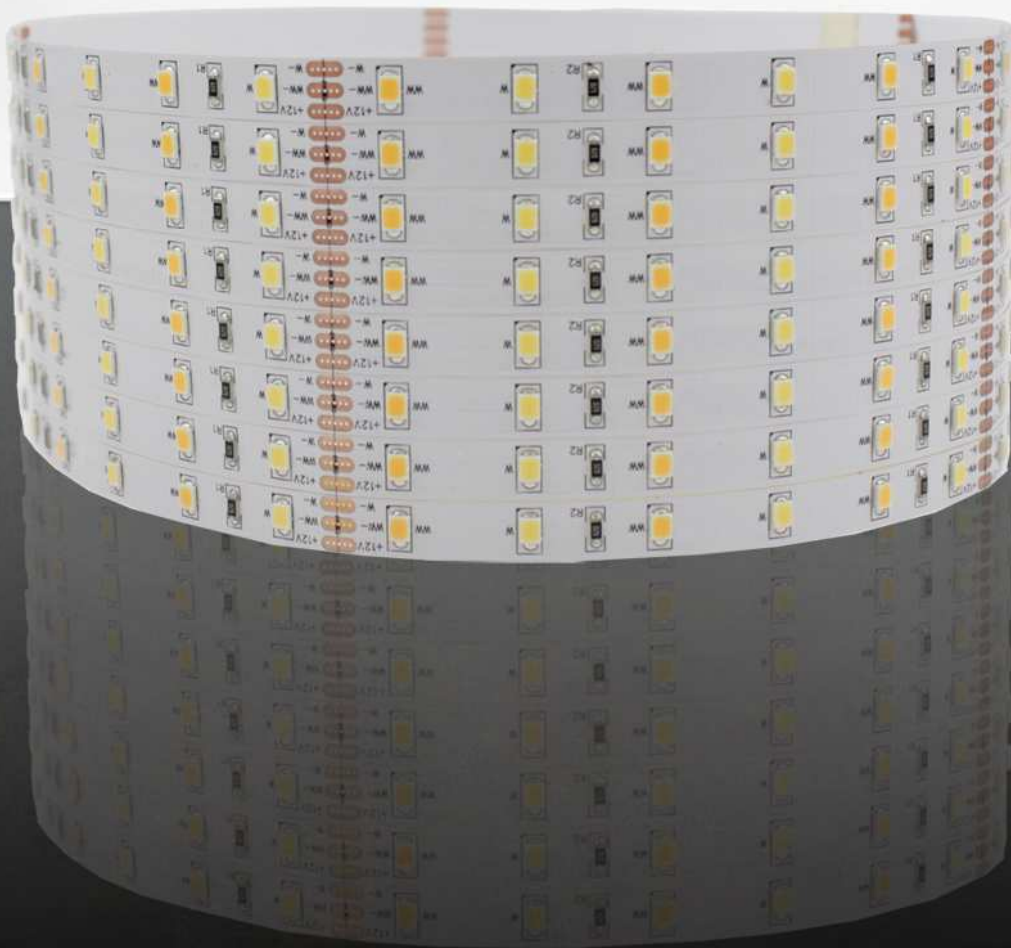
Ra70/80/90/95

2835 SMD

3 Year Warranty



IP20/67



2800-3200K



4000K



5500-6500K



Product Feature

Great Light Source

GLU White/Warm white color temperature adjustable flexible strip, super bright 2835 SMD LED used as light source, with high performance color temperature adjustable effect.

Double-faced soft FPC

GLU LED Strip light use high tech. double-faced FPC soft PCB to ensure the good electrical conductivity and lower voltage drop, however for many other suppliers they use single faced soft PCB.

Different CRI Available for different applications

For our 2835 CCT adjustable strip series, we have different CRI available for choice, CRI70, CRI80, CRI90 and CRI95 for different applications.

Different density for different brightness requirement

For our 2835 CCT adjustable strip, we offer 60leds/m, 120leds/m, 240leds/m, for 60leds/m and 120leds/m we offer DC24V and DC24V for choice.

Special lighting effect for various applications

By using our 3 channeled color temperature adjustable controller, you can achieve the color temperature adjust from 2800K-12000K, which can be used in any application.

Long Life-span

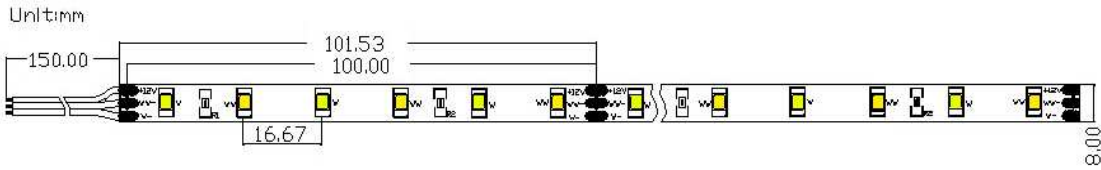
With Epistar chip 3528 SMD LED, and double-face flexible FPCB with good cooling, make sure the long life-span.

Safe and Environmental friend

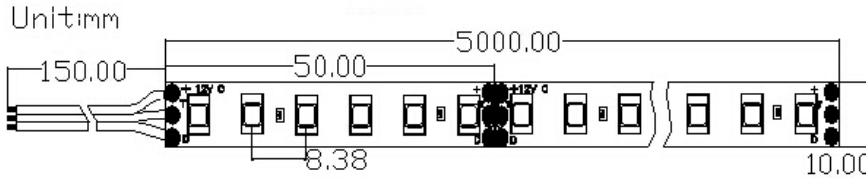
With low working voltage (DC12V and DC24V), which is safe to use, and compliant for CE and RoHS standard, without any hazard for Lead or Mercury enter the environment.

Product Dimension

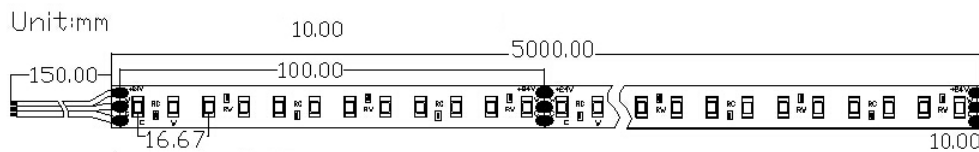
60LED/M



120LED/M 12V



120LED/M 24V



Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is $\pm 0.5\text{mm}$ unless otherwise noted.

Product Parameter

Absolute Maximum Rating at $TA=25^{\circ}\text{C}$

Parameter	Symbol	Absolute Maximum Rating				Unit
		GLU-FMN-WC-60		GLU-FMN-WC-120		
LED Qty.	PCS	60		120		pcs
Forward Voltage	VF	12	24	12	24	V
Forward Current	IF	1040	520	2080	1040	mA
Electrostatic discharge	ESD	400V				V
Operating Temperature	Topr	-25~+60				$^{\circ}\text{C}$
Storage Temperature	Tstg	-40~+80				$^{\circ}\text{C}$

Electrical / Optical Characteristics at $TA=25^{\circ}\text{C}$

Part No.	Color	CCT	Lumen (Max.)	Working voltage	Power (Max.)	View angle
GLU-FMN-WC-60	CW-WW	2800K-12000K	1170lm	DC12V	12.5W	120 $^{\circ}$
				DC24V		
GLU-FMN-WC-120			2340lm	DC12V	25W	
				DC24V		

- Note: 1. The lumen flux tolerance is $\pm 5\%$;
2. Test Temperature (Ambient temperature: $TA=25^{\circ}\text{C}$)



Product Application

For Flexible Strips, they can be used as edge light, cove light, furniture light, sign light, backlighting for AdWords, lighting box etc., and widely used as decorative lighting for building outline, sidestep, exhibition stand, hotel, KTV, club etc. And also DIY Light for household use.



Connecting Diagram



Note:

The drawing above is just for reference, when connecting the strip please according to the correct cable sequence.

Safety Information

- The SMD light ribbon itself and all its components may not be mechanically stressed. Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED light ribbon (with power supplies) needs to be comply with all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations. Correct electrical polarity needs to be observed. Wrong polarity may destroy the ribbon.
- Parallel connection is highly recommended as safe electrical operation mode.
- Serial connection is not recommended. Unbalanced voltage drop can cause



hazardous overload and damage the ribbon.

- Please ensure that the power supply is of adequate power to operate the total load.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical insulated points between ribbon and the mounting surface.
- Please pay attention to standard ESD precautions when installing the ribbon.
- Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.



Product Packing

