

## WS2811 digital 2835 dual color LED strip 120LEDs/M DC24V

### ◆ Product Description :

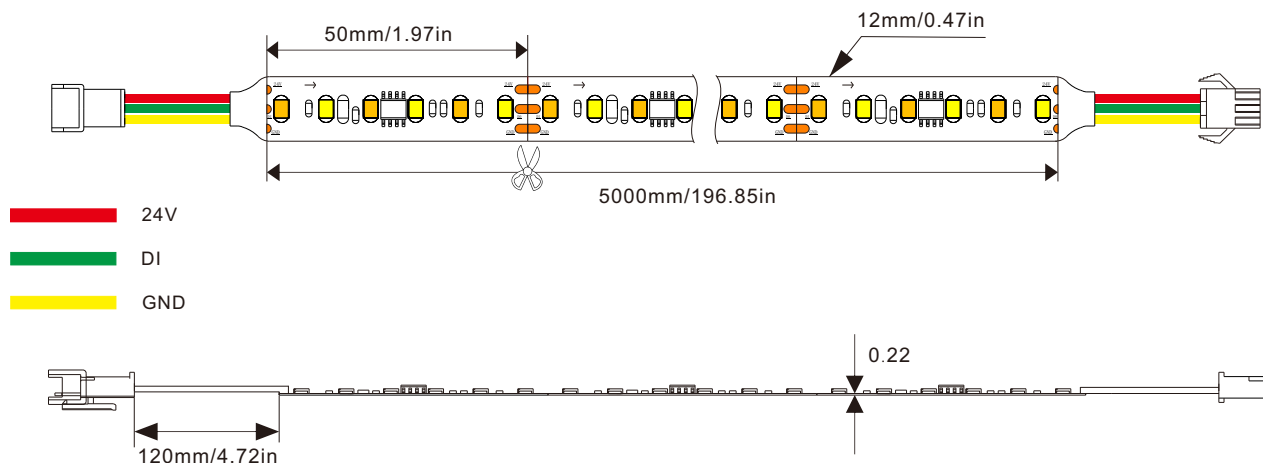
2835 high brightness led, 120LEDs/M, single row LED  
Input voltage DC24V, use SPI controller  
Flexible PCB, FPC color: white  
1+2 OZ copper thickness FPC, 12mm PCB width  
Standard length 5m per roll, the length also can be customized



### ◆ Product Datasheet

Product Number	S012120BC2SF	Luminance/M	C:689 W:587lm
Operating Voltage	DC24V	Ra	/
Power/M	16.5W	Beam Angle	120°
SMD Type	2835	Size (mm)	5000 * 12mm
LED Qty/M	120	IP Rate	IP20/IP65
Color	2700+6500K	Operation Temperature	- 25 ~ 60 °C
Pixel/M	20	Material	FPC
Control	SPI/WS2811	Cutting Length	50mm
Wavelength	R:620-625 G:520-525 B:460-465nm	Net Weight/Roll	0.24kg

### ◆ Outline Dimension (unit: mm)

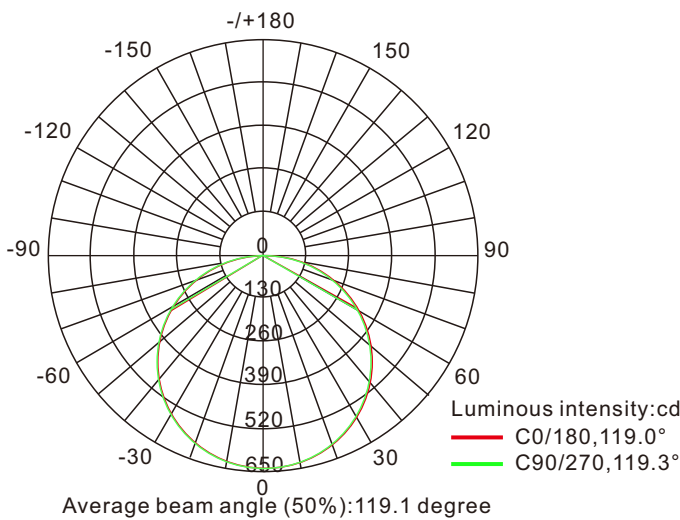


## ◆ SDCM comparison

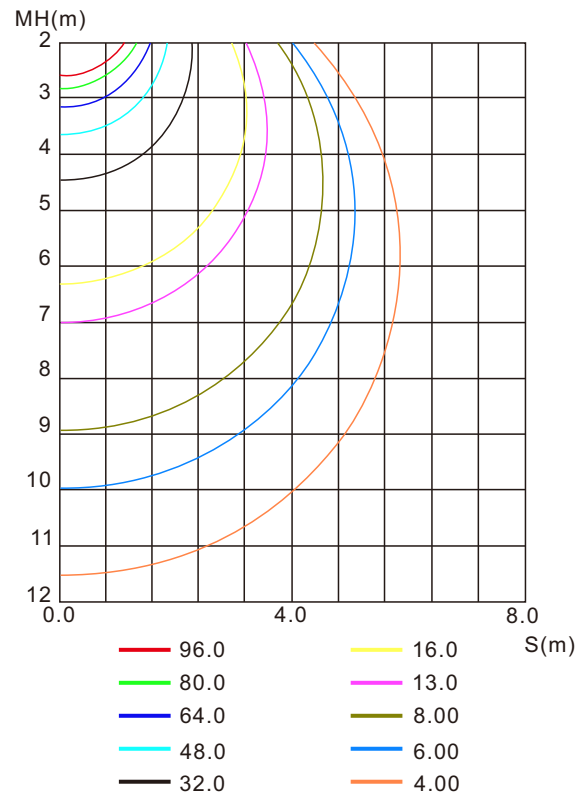


## ◆ Light distribution curve

Indoor lights light distribution curve



Spacing iso-illuminance curve

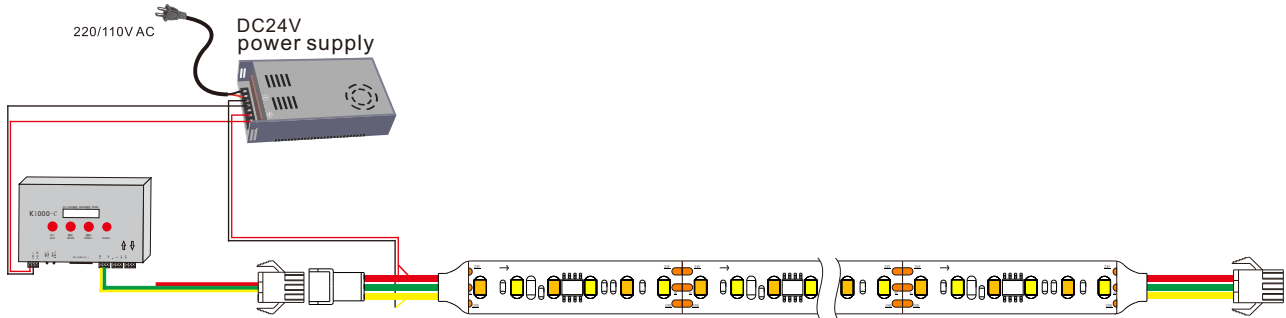


Note: The parameters are subject to change without notice!

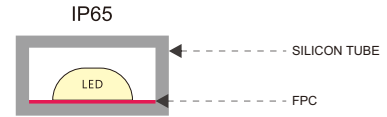
## ◆ Order number

DC24V	2700K~6500K	White PCB	IP20	S012120BC2SF/C1
DC24V	2700K~6500K	White PCB	IP65	S012120BC2SF/C2
DC24V	2700K~6500K	Black PCB	IP20	S012120BC2SF/C3
DC24V	2700K~6500K	Black PCB	IP65	S012120BC2SF/C4

## ◆ Wiring diagram



## ◆ Strip IP Rate



## ◆ Accessories



Screw

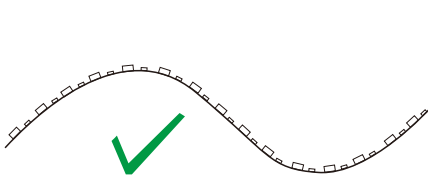


Silicone clip

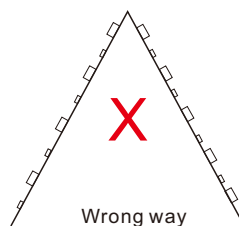


End cap

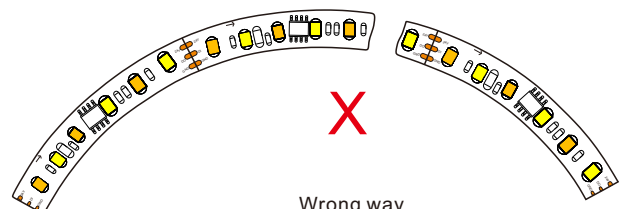
## ◆ Schematic diagram of maximum bending prevention



Correct bending method



Wrong way



Wrong way