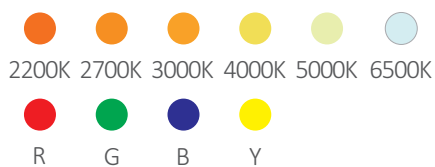


# Flexible chip-on-FPC strip

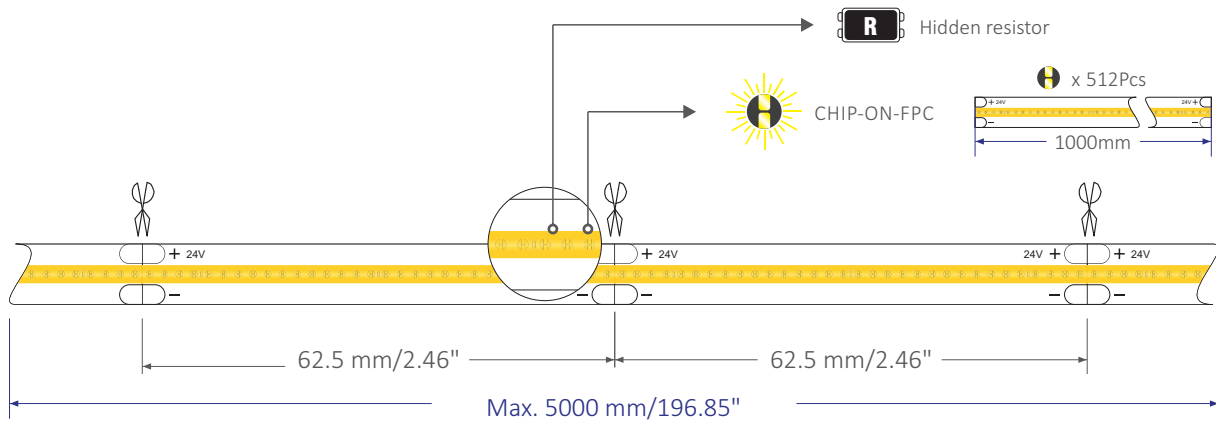


## Available colors

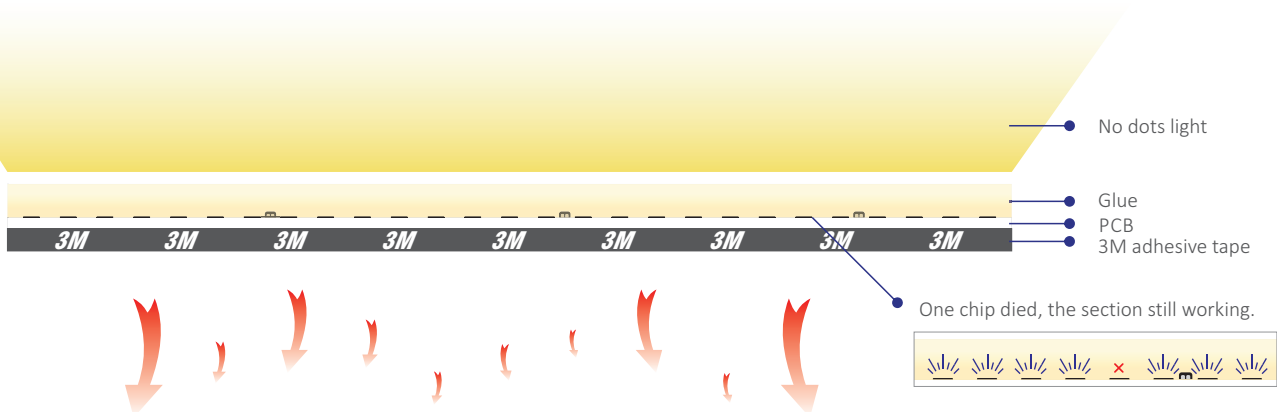


## Features

- Hidden resistor, 512 flexible chips per meter, the longest length is up to 5 meters, neat appearance; constant Voltage design, cuttable, can be cut every 62.5mm @24V DC.



- No dots light, high consistency for light, efficient heat transfer;



- No bracket, no golder wire, better bendable,



- CRI>92, up to 100lm/W.

Ordinary LED Strip, CRI=80

SC-SFL-512-XX, CRI&gt;92



## Technical Parameters

Model	IP20 Data info (per meter)										Standard packing
	LED Qty. (leds/m)	Rated Watt (w/m)	Color	CCT Range	Lumen	CRI	IP	PCB width	Voltage	Mini. cut	
SC-SFL-504-27K-12	504	10w/m	SWW	2700K	640lm/m	92	20	8mm	12V	35.7mm	5m/Reel
SC-SFL-504-30K-12			WW	3000K	780lm/m						
SC-SFL-504-40K-12			NW	4000K	800lm/m						
SC-SFL-504-65K-12			W	6500K	760lm/m						
SC-SFL-512-22K-24	512	10w/m	SWW	2200K	710lm/m	92	20	8mm	24V	62.5mm	5m/Reel
SC-SFL-512-27K-24			SWW	2700K	780lm/m						
SC-SFL-512-30K-24			WW	3000K	910lm/m						
SC-SFL-512-40K-24			NW	4000K	989lm/m						
SC-SFL-512-50K-24			W	5000K	1050lm/m						
SC-SFL-512-65K-24			W	6500K	1080w/m						
SC-SFL-512-R-24			R	620-630nm	/	/					
SC-SFL-512-G-24			G	520-530nm							
SC-SFL-512-B-24			B	450-460nm							
SC-SFL-512-Y-24			Y	585-595nm							

Note: Tolerance for date +- 10%

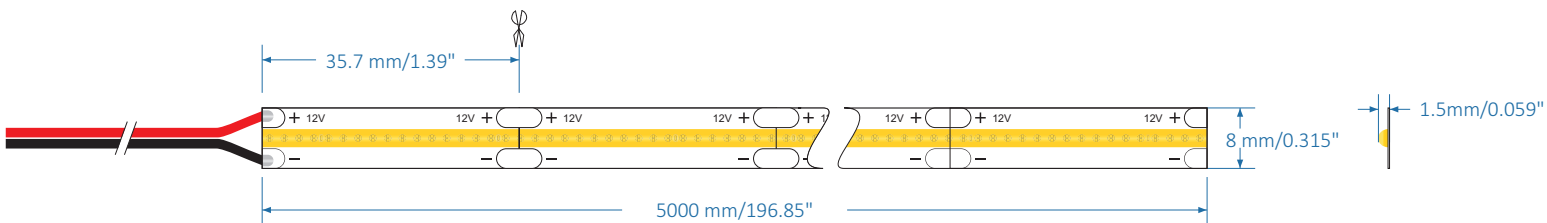
Model	IP65 Data info (per meter)										Note: Tolerance for date +/- 10%
	LED Qty. (leds/m)	Rated Watt (w/m)	Color	CCT Range	Lumen	CRI	IP	PCB width	Voltage	Mini. cut	
SC-SFLBS-504-27K-12	504	10w/m	SWW	2700K	520lm/m	92	65	8mm	12V	35.7mm	5m/Reel
SC-SFLBS-504-30K-12			WW	3000K	620lm/m						
SC-SFLBS-504-40K-12			NW	4000K	700lm/m						
SC-SFLBS-504-65K-12			W	6500K	660lm/m						
SC-SFLBS-512-22K-24	512	10w/m	SWW	2200K	590lm/m	92	65	8mm	24V	62.5mm	5m/Reel
SC-SFLBS-512-27K-24			SWW	2700K	740lm/m						
SC-SFLBS-512-30K-24			WW	3000K	750lm/m						
SC-SFLBS-512-40K-24			NW	4000K	830lm/m						
SC-SFLBS-512-50K-24			W	5000K	850lm/m						
SC-SFLBS-512-65K-24			W	6500K	890lm/m						
SC-SFLBS-512-R-24			R	620-630nm	/	/					
SC-SFLBS-512-G-24			G	520-530nm	/	/					
SC-SFLBS-512-B-24			B	450-460nm	/	/					
SC-SFLBS-512-Y-24			Y	585-595nm	/	/					

\* Note: There will be CCT deviation for white color for the IP65 version, below is the table for your reference.

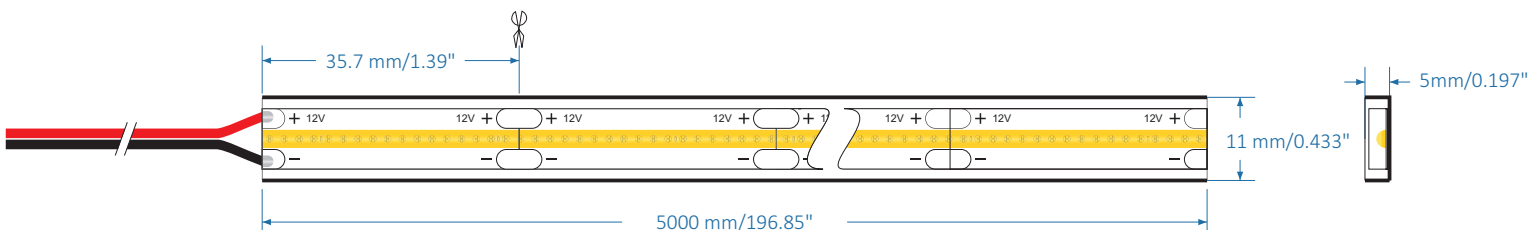
Part number	Color	CCT range for IP20	CCT range for IP65(real tested data)
SC-SFLBS-504-27K-12	SWW	2600-2800K	2631K
SC-SFLBS-504-30K-12	WW	2850-3150K	2744K
SC-SFLBS-504-40K-12	NW	3800-4200K	3855K
SC-SFLBS-504-65K-12	W	6100-6900K	5646K
SC-SFLBS-512-22K-24	SWW	2100-2300K	2057K
SC-SFLBS-512-27K-24	SWW	2600-2800K	2510K
SC-SFLBS-512-30K-24	WW	2850-3150K	2757K
SC-SFLBS-512-40K-24	NW	3800-4200K	3628K
SC-SFLBS-512-50K-24	W	4700-5300K	4485K
SC-SFLBS-512-65K-24	W	6100-6900K	5518K

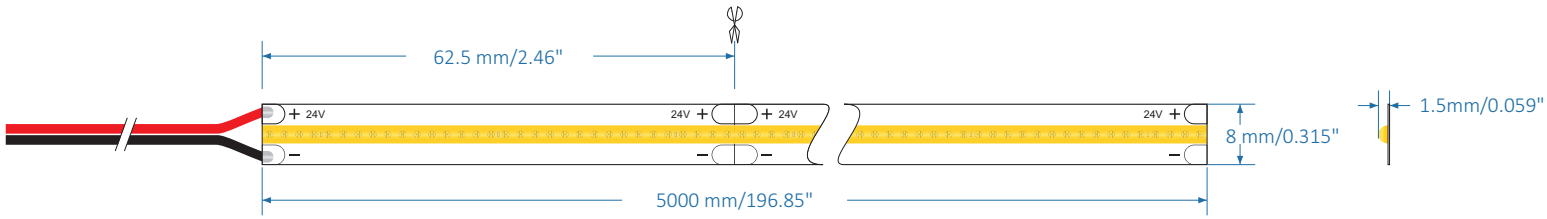
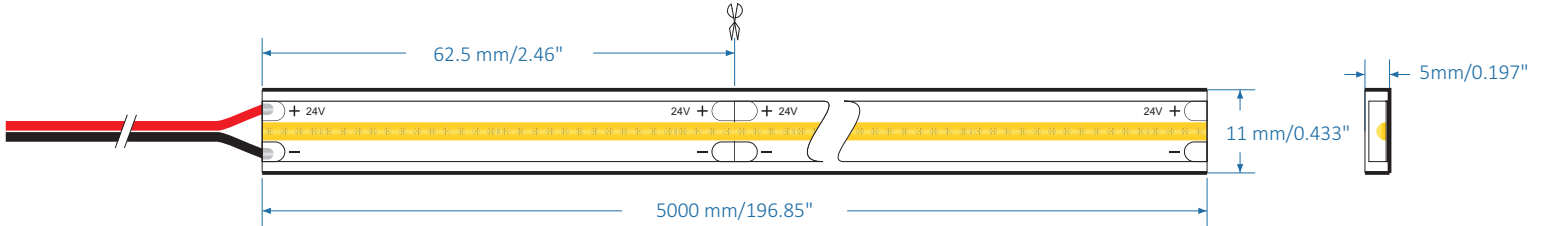
## Dimensions (unit: mm/inch)

SC-SFL-504-12V

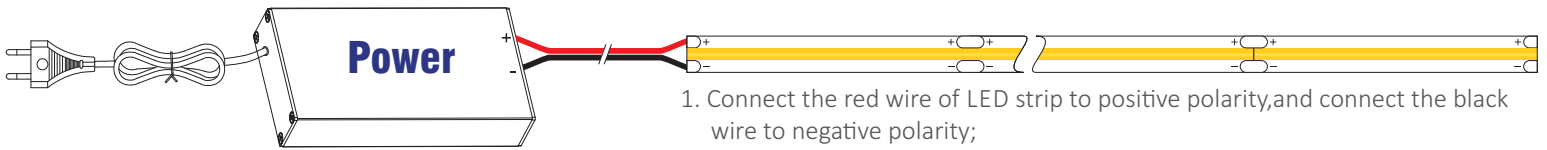


SC-SFLBS-504-12V

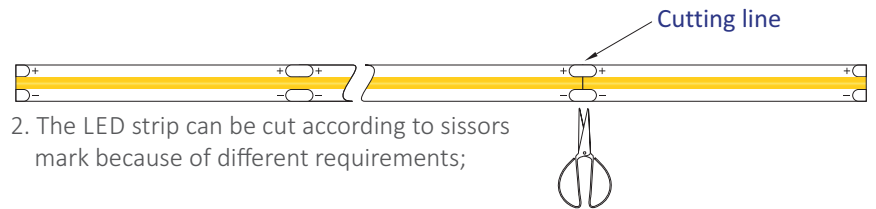


**SC-SFL-512-24V**

**SC-SFLBS-512-24V**


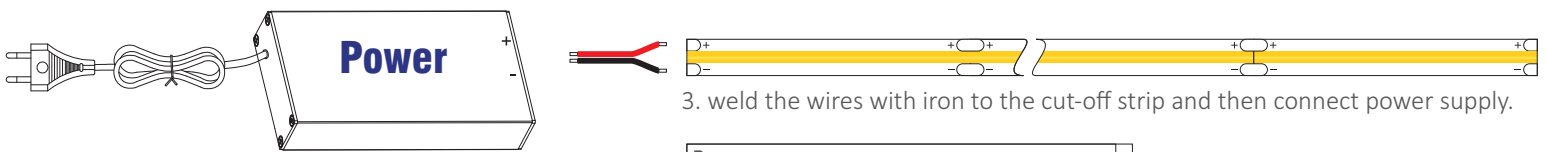
## Wiring Diagram



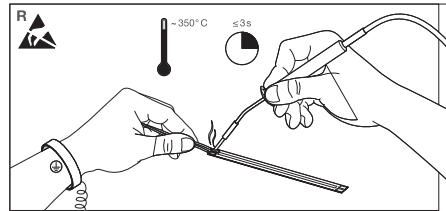
1. Connect the red wire of LED strip to positive polarity, and connect the black wire to negative polarity;



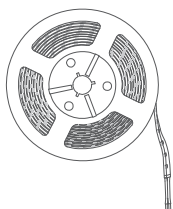
2. The LED strip can be cut according to scissors mark because of different requirements;



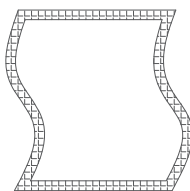
3. weld the wires with iron to the cut-off strip and then connect power supply.



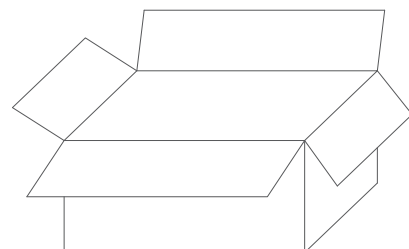
## Packaging Information



LED strip



Anti-static bag



Packing box

## Installation Requirement

- ⦿ The LED strip and accessories can't be squeezed or folded.
- ⦿ PCB conductive parts can't be damaged when installation.
- ⦿ Installation must conform to electrical safety standard. The LED strip can only be installed by professionals.
- ⦿ Ensure power supply transform operating load with transformer.
- ⦿ When install on metal or conductor surface, insulation protection need to be provided to the contact area.
- ⦿ Observe positive and negative polarity, ensure correct connection to avoid damaging LED strip.
- ⦿ When installation, please prevent static electricity.
- ⦿ The product need anti-corrosion environment, such as, avoiding damp, water drop or other adverse elements.



Yijia Industrial Park, Fuqian Road, Guanlan  
Town, Longhua, Shenzhen, Guangdong, China

Tel: +86-755-27608650  
Fax: +86-755-27608651  
www.signcomplex.com  
sales@signcomplex.com