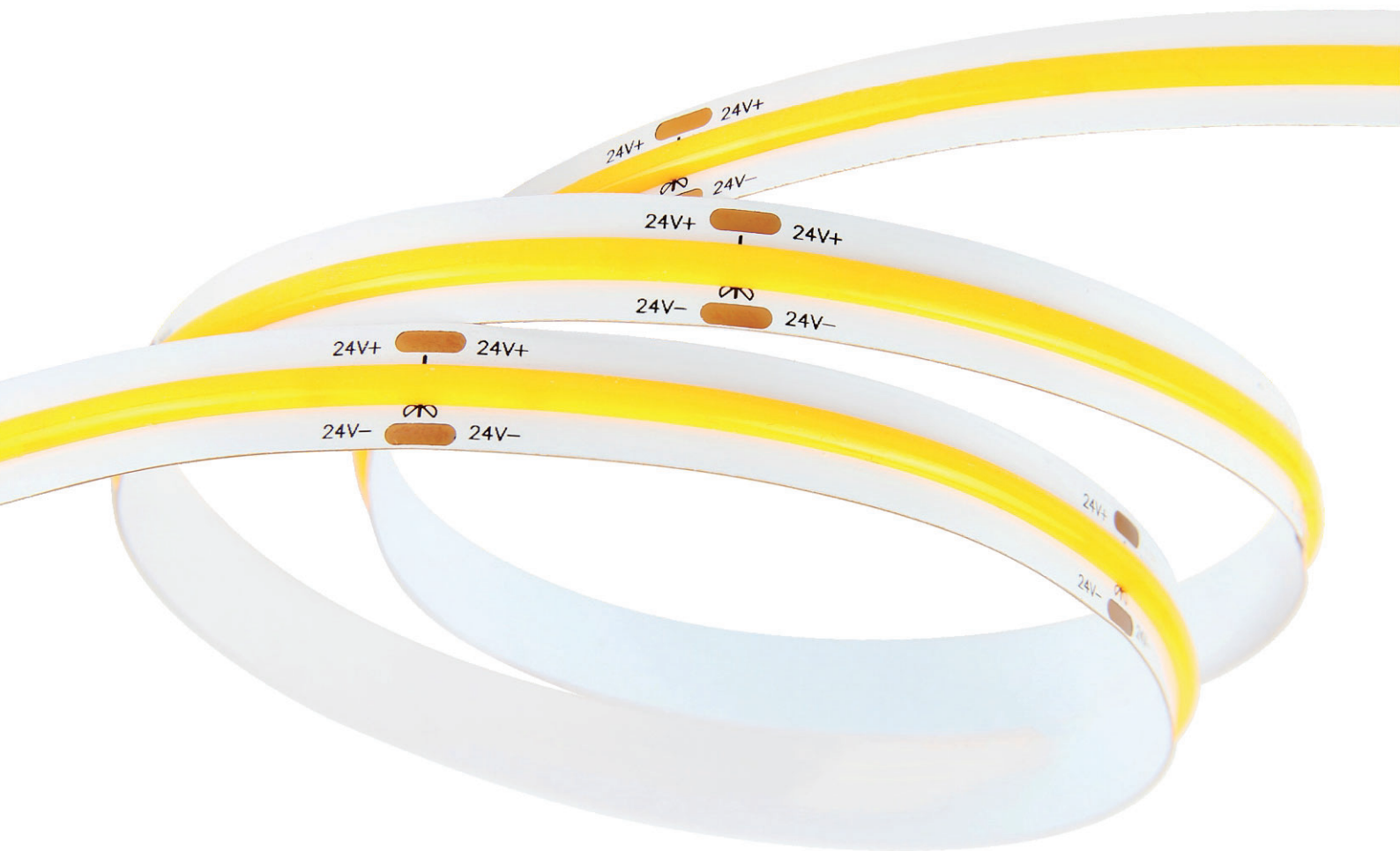


# Flexible chip-on-FPC strip

## Economic series

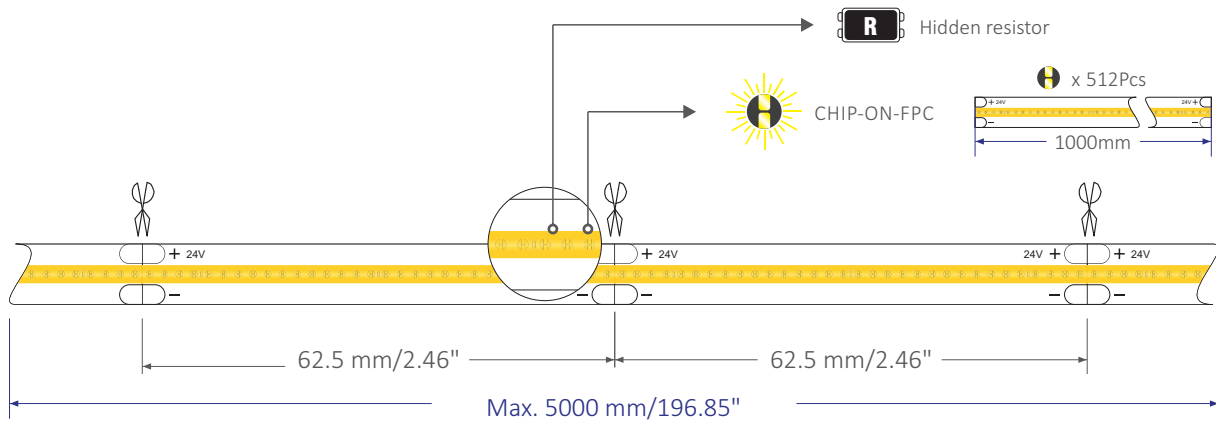


### Available colors

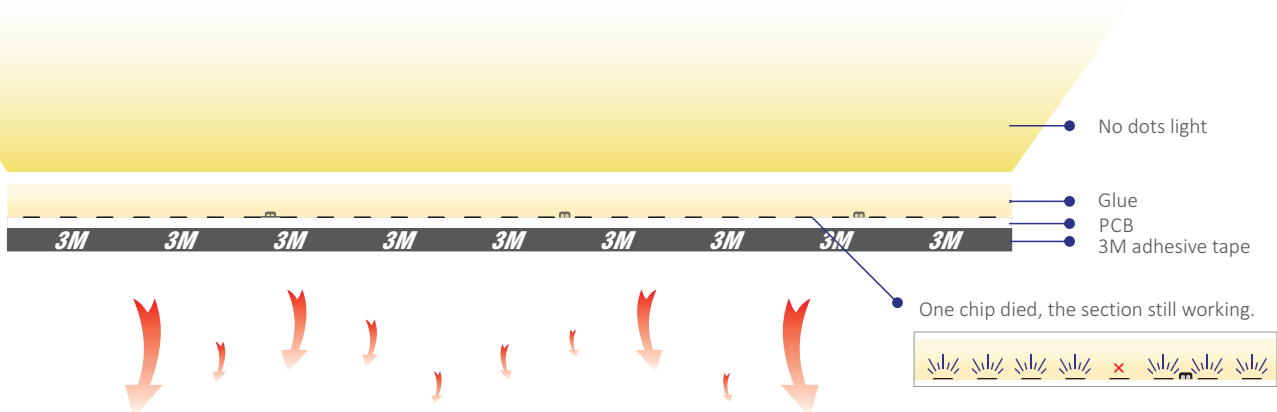


## Features

- 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>90, up to 90lm/W.

Ordinary LED Strip, CRI=80

SC-SFL-512-XX-E, CRI=90



## Technical Parameters

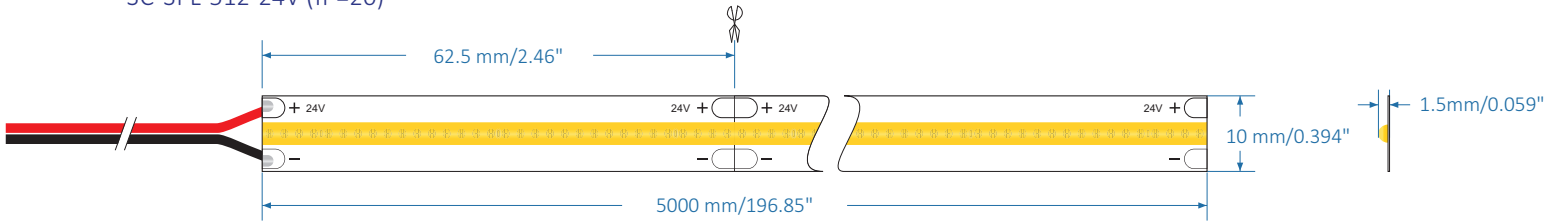
Model	Note: Tolerance for date +- 10%																
	LED Qty. (leds/m)	Rated Watt (w/m)	Color	CCT Range & wave length	Lumen	CRI	IP	PCB width	Voltage	Mini. cut	Standard packing						
SC-SFL-512-30K-24-E	512	10w/m	WW	3000K	730lm/m	90	20	10mm	24V	62.5mm	5m/Reel						
SC-SFL-512-40K-24-E			NW	4000K	840lm/m												
SC-SFL-512-60K-24-E			W	6000K	930lm/m												
SC-SFL-512-R-24-E			R	620-625nm	/	/											
SC-SFL-512-G-24-E			G	515-520nm													
SC-SFL-512-B-24-E			B	465-470nm													
SC-SFL-512-Y-24-E			Y	595-600nm													
SC-SFLBS-512-30K-24-E			512	10w/m	WW	3000K	660lm/m					90	65	10mm	24V	62.5mm	5m/Reel
SC-SFLBS-512-40K-24-E					NW	4000K	720lm/m										
SC-SFLBS-512-60K-24-E					W	6000K	813lm/m										
SC-SFLBS-512-R-24-E					R	620-625nm	180lm/m					/					
SC-SFLBS-512-G-24-E					G	515-520nm	560lm/m										
SC-SFLBS-512-B-24-E					B	465-470nm	290lm/m										
SC-SFLBS-512-Y-24-E					Y	595-600nm	640lm/m										

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

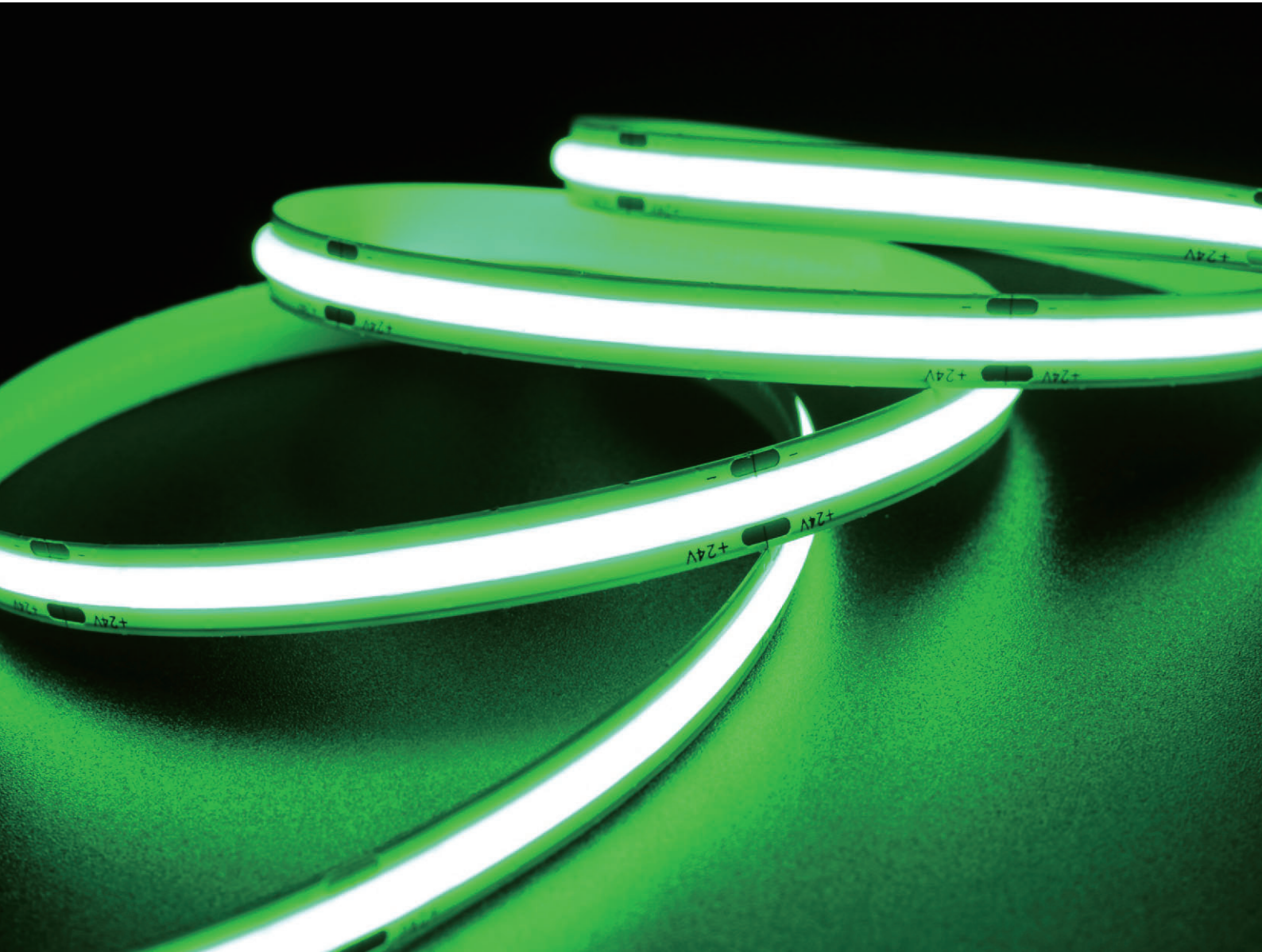
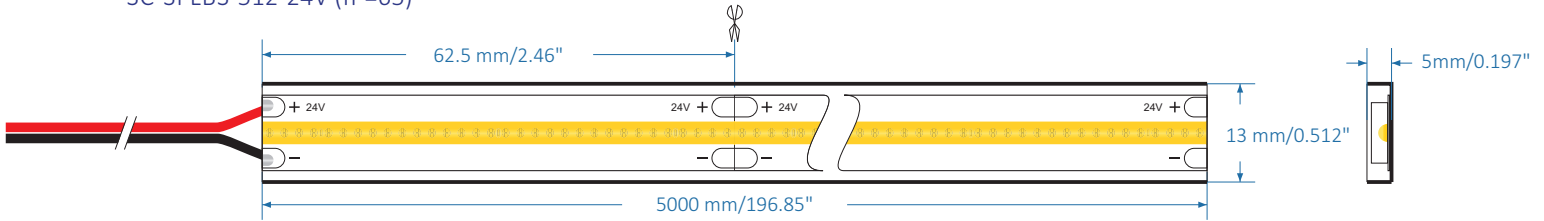
Part number	Color	CCT range for IP20	CCT range for IP65(real tested data)
SC-SFLBS-512-30K-24-E	WW	2850-3150K	2782K
SC-SFLBS-512-40K-24-E	NW	3850-4150K	3850K
SC-SFLBS-512-60K-24-E	W	5850-6150K	5853K

## Dimensions (unit: mm/inch)

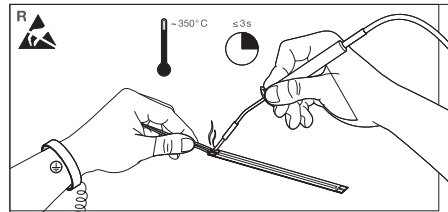
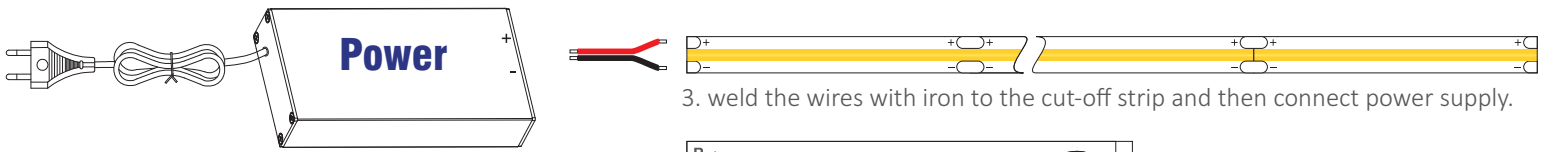
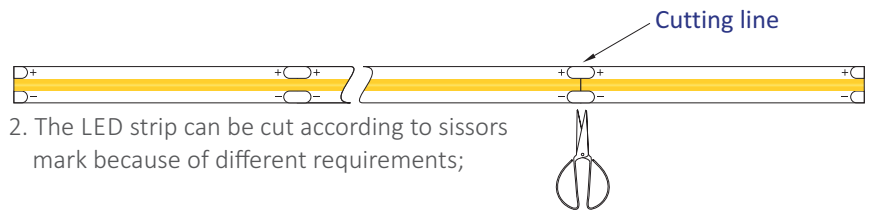
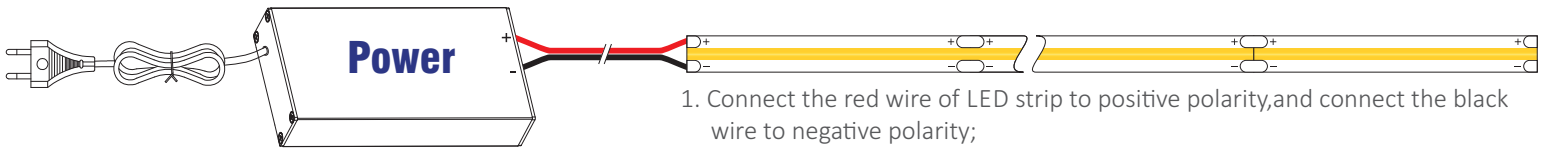
SC-SFL-512-24V (IP=20)



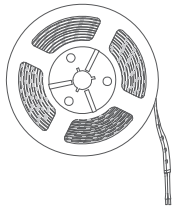
SC-SFLBS-512-24V (IP=65)



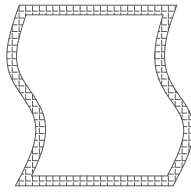
## Wiring Diagram



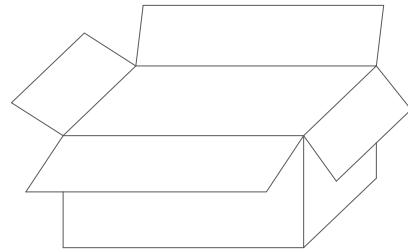
## Packaging Information



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.



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