FLEXIBLE
CHIP-ON-FPC STRIP

RGB/ RGBW/ RGBCW Series

CE

RoHS

Warranty
1 year

DESCRIPTION

Flexible chip-on-FPC strip with uniform and soft light, good linearity, no glare, high color consistency, with the controller can achieve light color control. Through the control of lighting dynamic effect, it can adapt to different scene application, making immersive feeling.
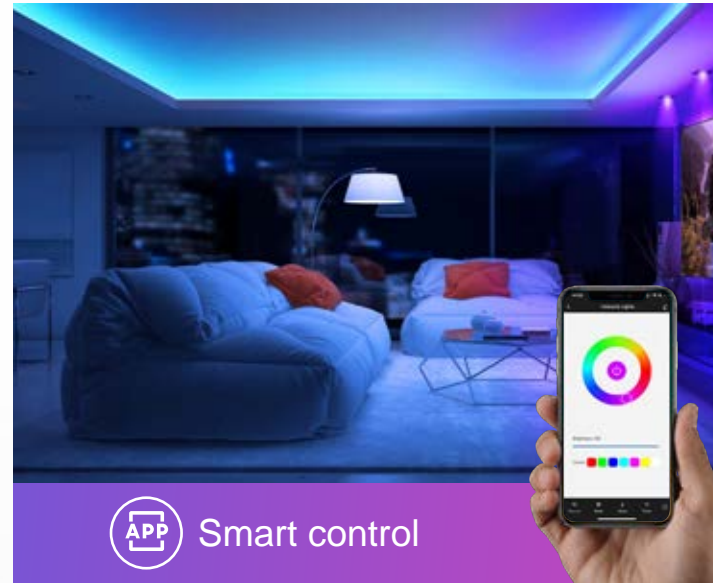
![Signcomplex | light and smart]

RGB CONTROLLER OPTIONAL

Through the remote control or APP, you can choose various colors you need and various dynamic change effects you are satisfied with; through the timing function, it can be automatically turned off after the set time without worries.

ENJOY A SMART LIFE

Brightness adjustable

Color adjustable

Musical rhythm

Voice control

Scene mode

Set time

📱 Smart control

▦ Remote control

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APPLICATION

Widely used in hotels, shopping malls, furniture, cabinets, shelf, as decoration lighting, direct lighting or indirect lighting.
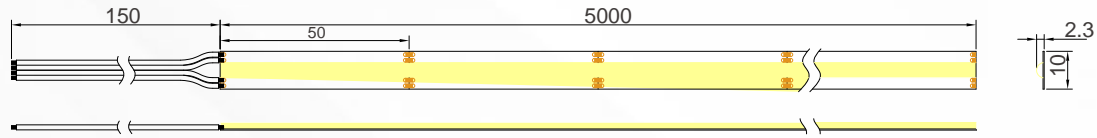
03

COLORFUL

RGB

RGBW

RGBCW

RGB / RGBW / RGBCW
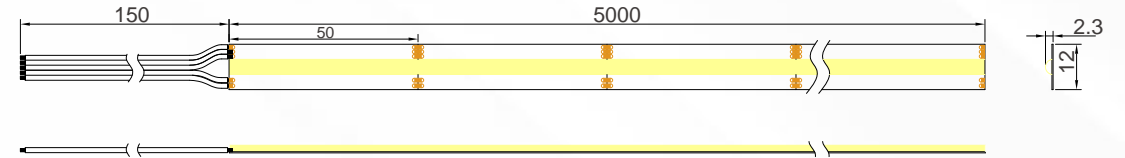
OPTIONAL

PARAMETER

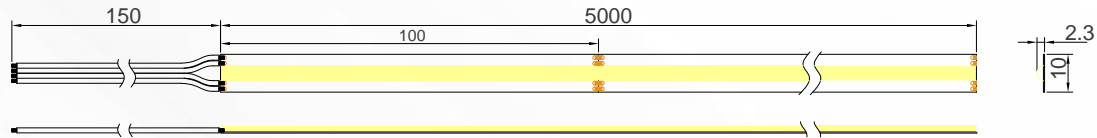| Model	Color	Lumen (lm/m)	Efficiency (lm/W)	Voltage (V DC)	Power (W/m)	Connection Length(m)	Beam angle	IP grade
SC-SFL-420-RGB-24V	R: 620-630NM G: 515-525NM B: 460-470NM	60-75 195-255 45-70	20-25 65-85 15-23	24	9 W（3W*3）	5	180°	IP20/ IP65
SC-SFL-630-RGB-24V	R: 620-630NM G: 515-525NM B: 460-470NM	75-105 180-240 24-36	25-35 60-80 8-12		9 W（3W*3）			
SC-SFL-840-RGB-24V	R: 620-630NM G: 515-525NM B: 460-470NM	100-125 300-350 65-85	20-25 60-70 13-17		15 W（5W*3）			
SC-SFL-560-RGBW-24	R: 620-630NM G: 515-525NM B: 460-470NM W:3000K	50-60 125-135 30-40 135-145	12-15 30-35 8-10 30-35		16W(4W*4)			
SC-SFL-896-RGBW-24	R: 620-630NM G: 515-525NM B: 460-470NM W: 3000K	80-100 220-240 40-60 300-280	15-25 50-60 5-10 275-28		16W(4W*4)			
SC-SFL-560-RGBCW-24	R: 620-630NM G: 515-525NM B: 460-470NM C: 6500K W:3000K	50-60 100-110 30-40 110-120 95-100	12-15 30-35 10-15 35-40 30-35		16W(G/B/C/W=3W R=4W)			

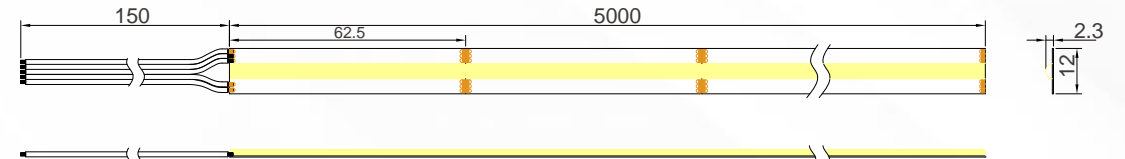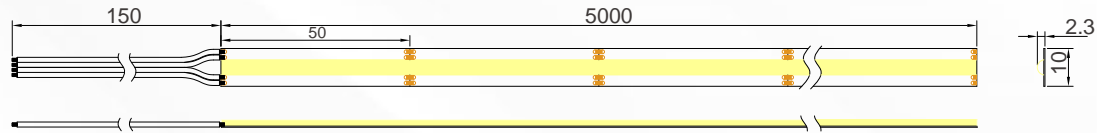# DIMENSIONS (Unit: mm/inch)

SC-SFL-420-RGB-24

150   5000   2.3
50   10

SC-SFL-630-RGB-24

150   5000   2.3
100   10

SC-SFL-840-RGB-24

150   5000   2.3
50   10

SC-SFL-560-RGBW-24

150   5000   2.3
50   12

SC-SFL-896-RGBW-24

150   5000   2.3
62.5   12

SC-SFL-560-RGBCW-24

150   5000   2.3
62.5   12

CONNECTING DIAGRAM

ACL   LED24+
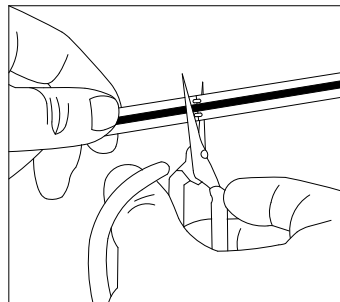POWER SUPPLY
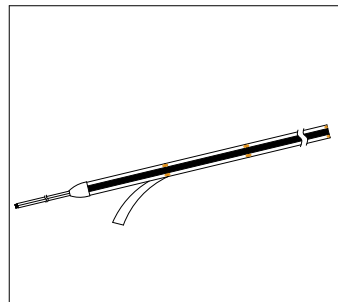ACN   LED24-

RGB Controller
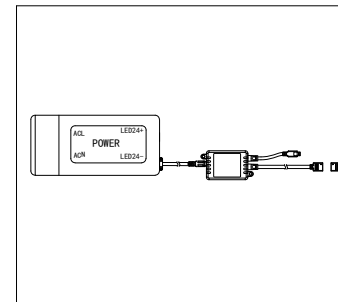
Flexible chip-on-FPC
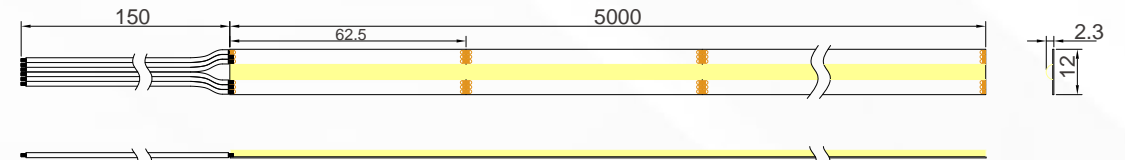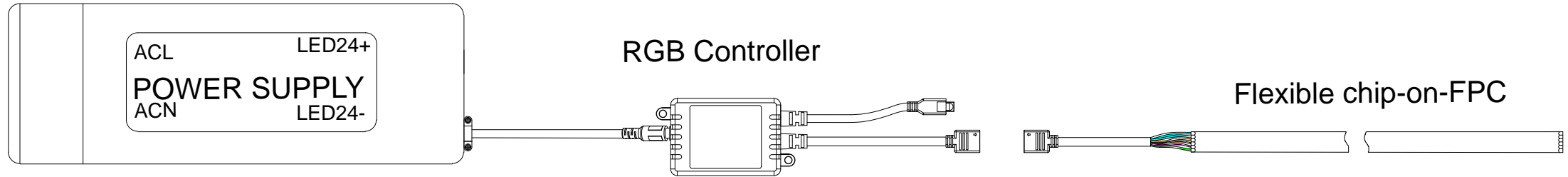
# INSTALLATION INSTRUCTIONS
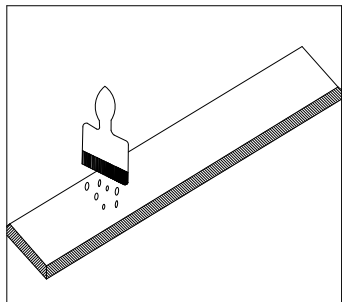
Clean the installation surface

Measure the length you need to install, cut at the nearest scissor mark line. For the left led strip, weld at the next scissor mark to connect with other connection wire.

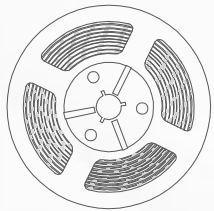Do not pull the whole led strip from the back release paper by one time. No press on the leds.

Connect the led strip wire to the controller output side (Positive to positive, negative to negative.)
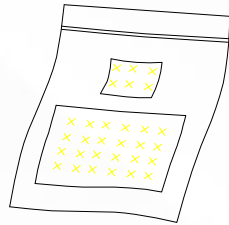Connect the controller input side to power-supply.
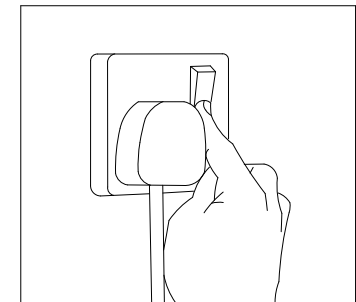
Switch on power supply
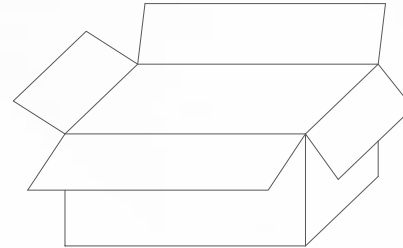Enjoy your life with the lights

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.

◉ During installation, please prevent static electricity.

   The product need anti-corrosion environment, such as, avoiding damp, water drop or other adverse elements.

No contortion of the led strip

No bending with Diameter <1cm