RGBWW NeonFLEX

Color Changeable & Brightness Tunable

Available colors

● ● ● ◐

CE RoHS Warranty 5 years

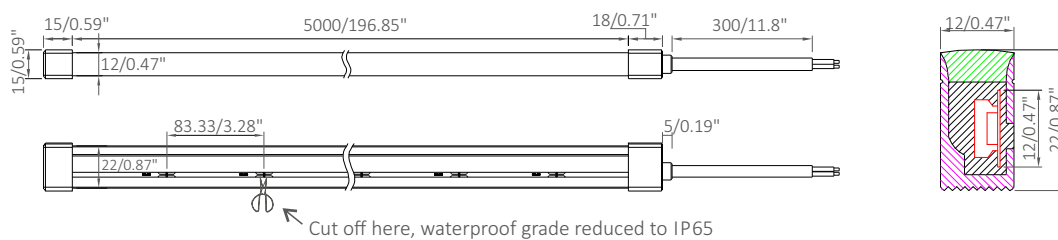# Signcomplex
We bring innovation and give inspiration

Features

◉ 5050 4-in-1 LED
◉ CRI >80
◉ 24V DC, 19.6W/M (0.49W/Inch)
◉ Silicon extrusion IP67
◉ Dimension: 22×12mm(0.87" x 0.47")
◉ Side View: Bend direction horizontally
◉ Dot-free illumination
◉ Elegant appearance
◉ Color Changeable & Brightness Tunable
◉ Indoor and outdoor application
◉ Standard warranty 5 years
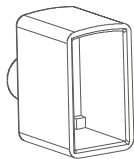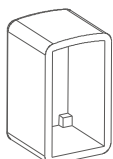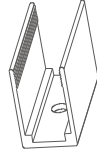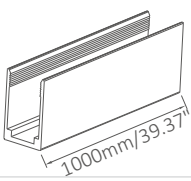
Technical parameters

Model	wave length (nm)		Luminous Flux (lm/M)	PCB Width (mm)	Max.Length (M)	Min.Length (mm)	DC Voltage (V)	LED Qty. (PCS/M)	Rated Watt (W/M)	Rated Current (A/M)
SC-SSED-RGB+WW-24V	R	620-630	/	12	5	83.33	DC24	72	19.6	0.81
	G	515-530	/							
	B	460-470	/							
	WW	/	160							

Dimensions (unit: mm/inch)

15/0.59" 5000/196.85" 18/0.71" 300/11.8"
15/0.59" 12/0.47"
83.33/3.28" 5/0.19"
22/0.87"
12/0.47"
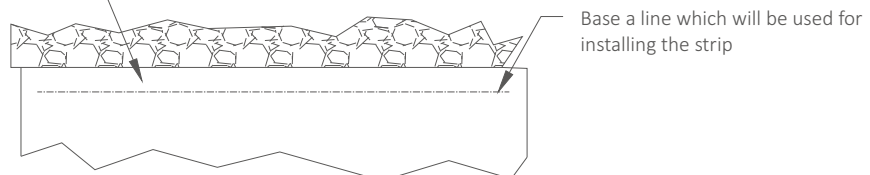12/0.47" 22/0.87"

Cut off here, waterproof grade reduced to IP65

Accessories

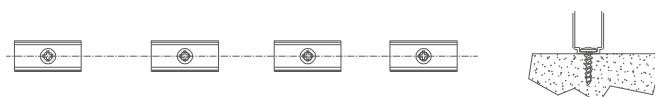| Name	End cap with hole	End cap without hole	Mounting Clip	Mounting Channel
Picture				1000mm/39.37"
Quantity	2pcs per reel	2pcs per reel	20pcs per reel	optional

Installation diagram

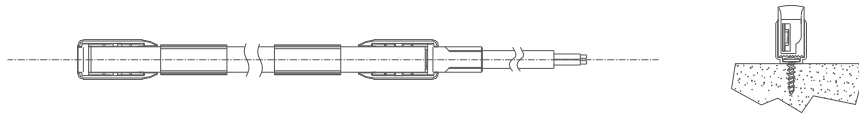**1. Pull a parallel string on which the LED strip will be installed, as figure 1**

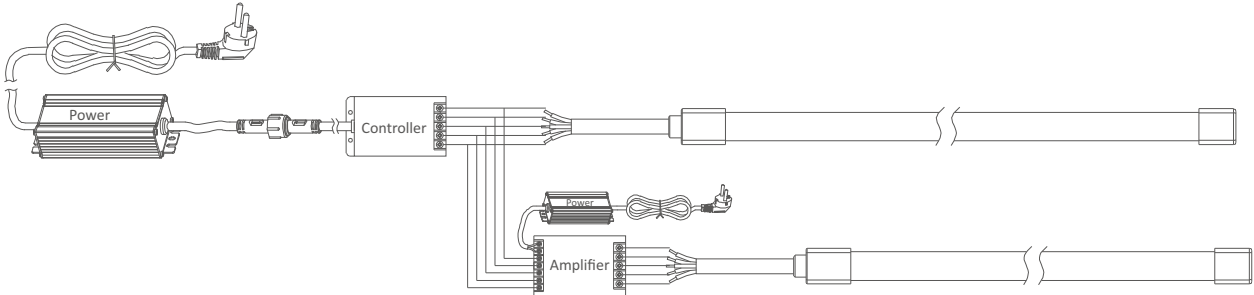surface which strip will be installed on (inverse, vertical, horizontal or 90° vertically)

Base a line which will be used for installing the strip

2. Fix the clip on the base line, and the distance depends on practical situation, as figure 2
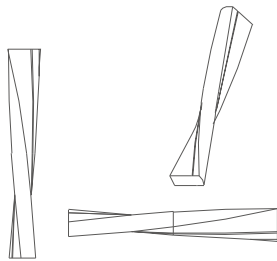
3. After the clip is fixed, insert the LED strip into the slot with luminous surface closing to the thumb, as figure 3
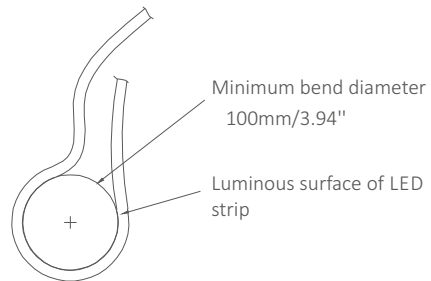
4. Connect power wire and finish the installation, as figure 4

Power

Controller

Power
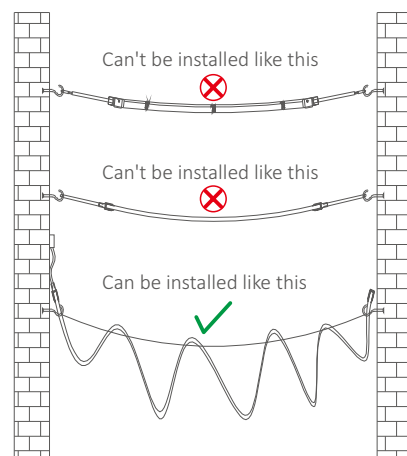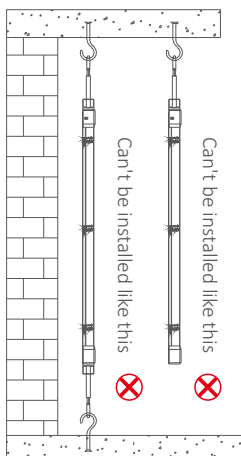
Amplifier

Installation Precautions

Do not twist like this.

Minimum bend diameter
100mm/3.94"

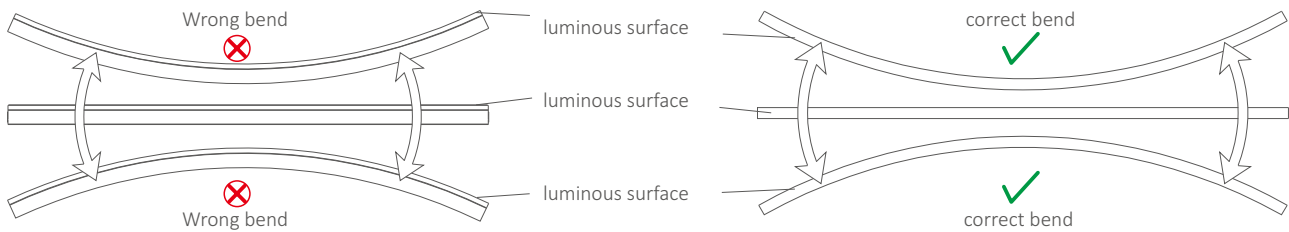Luminous surface of LED
strip
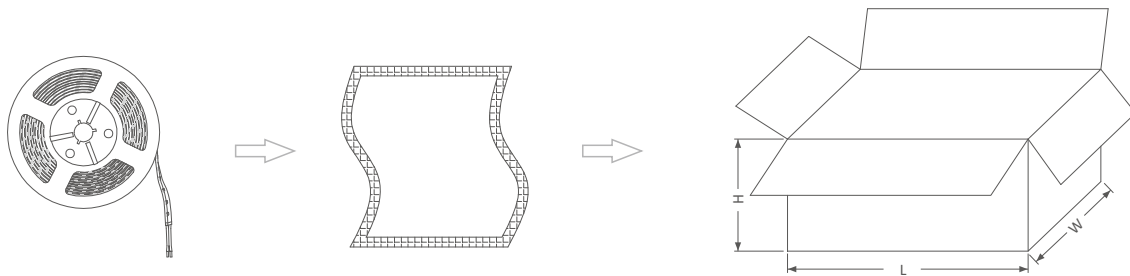
Can't be installed like this

Can't be installed like this

Can't be installed like this

Can't be installed like this

Can be installed like this

Wrong bend ⊗ — luminous surface

correct bend ✓

luminous surface

Wrong bend ⊗ — luminous surface

correct bend ✓

Packaging information

LED strip+accessories	Anti-static bag	Packing Box		
Part Number	Gross Weight per Reel	QTY per Carton	Size(cm/inch)	Gross Weight
SC-SSED-RGB+W-24V	1.55Kg	10 Reels	41cm*36cm*37cm 16.1"*14.2"*14.6"	16.22Kg

Installation requirement

◉ The strip itself and all its components may not be mechanically stressed;
◉ Routes on the circuit board can't be damaged or destoryed during installation;
◉ Installation of LED ribbon (with power supplies) needs to be made with regard to 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 strip;
◉ 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 strip;
◉ Please ensure that the power supply is of adapters power to operate the total load;
◉ When mounting on metallic or other conductive surfaces, there needs to be isolation points between strip and the mounting surface;
◉ Pay attention to standard ESD precautions when installing the strip;
◉ 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;
◉ Caution needs to be taken while doing the connection after cutting the strip. Only authorized professionals can do the work to enable it waterproof in wet locations.