

No spot, no shadow, soft light.

SDCM≤3 to ensure color consistency.

180° beam angle, dimmable function.

Higher density of LEDs, resulting in a brighter and more uniform light.



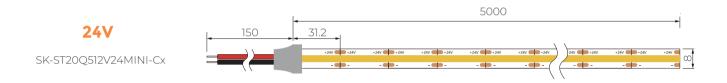








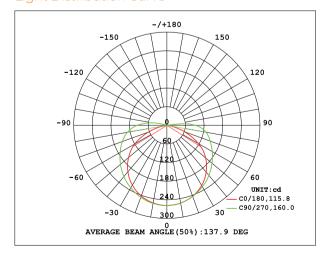
Dimension structure (Unit: mm)



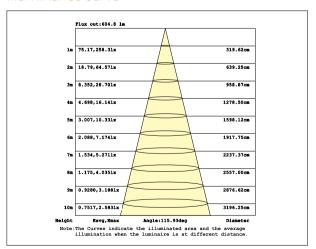
Technical Data	
Input voltage	24V
RA	≥90
Bram angle	180°
Warranty	5years

Led Bead Quantity	512LEDs
Working hour	50000h
Working temperture	-25°C~+45°C
Cuttable length(MM)	31.2
PCB Width(MM)	8

Light Distribution Curve



Illuminance curve



Note: The above date is based on 24V ,10W/M,single colour with 4000k colour temperature. If you need IES files for other types. Please contact our sales department.

COB TAPE 512

CCT (K)	RA	Voltage (V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Unit cut (MM)	Max.run length(M)	CV/CC
2700 ≥90			5	535	107	31.2	5	CV
	≥90	DC24V	10	1070	107	31.2	5	CV
			15	1605	107	31.2	5	CV
3000 ≥90			5	575	115	31.2	5	CV
	≥90	O DC24V	10	1150	115	31.2	5	CV
			15	1725	115	31.2	5	CV
4000 ≥90		≥90 DC24V	5	625	125	31.2	5	CV
	≥90		10	1250	125	31.2	5	CV
			15	1875	125	31.2	5	CV
6500		≥90 DC24V	5	600	120	31.2	5	CV
	≥90		10	1200	120	31.2	5	CV
			15	1800	120	31.2	5	CV

- The given color temperature is the temperature of finished product.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- All products can be dimmed; the dimmer's voltage should conform to the rated voltage of the led light. The output frequency of the dimmer of the constant-current led light should be less than 2K Hz, and the output PWM can control the led light.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	150mm	Inner core: 20AWG	• •	Red V+、Black V-

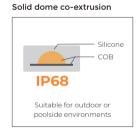
WATERPOOF GRADE OPTIONS



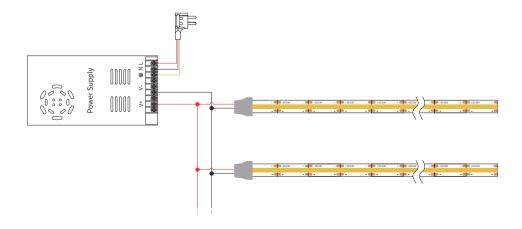








Connection Diagram



Installation Instructions for Connector (Note:The overcurrent load limit of the connector is 3A.)

Strip to Strip







Strip to Cable



Press down the metal pin on the connector so that the connector pin penetrates and secures the pad of the strip.

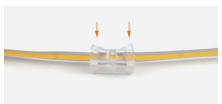


Finished product diagram.

Insert the strip into the connector and make sure the pad of the strip is in full contact with the pin on the connector.

Strip to Strip







Strip to Cable



Open the mobile mask on the side of the connector. Insert the strip into the connector and make sure the pad of the strip is in full contact with the pin on the connector.



Press the connector's mask back in place so that the connector pin penetrates and secures the pad of the strip.



Finished product diagram.

Instructions for removing connector



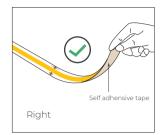






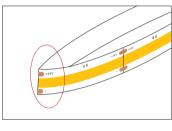
⚠ Cautions

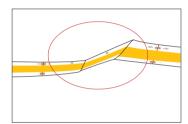


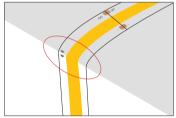


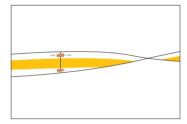
If the led strip needs to be torn up,please make sure that the self adhensive tape is torn with the led strip, otherwise the led strip will be damaged

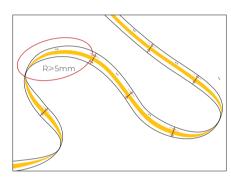
When install the led strip, please note the installation technique. The led strip can be bent, but not distorted, as shown below.











Bend(Right)

Distortion(Wrong)



LED strips are low votage products, you must use the power supply(transformer). Please don,t connect the led strip directly to the AC 110v or AC 220v,otherwise it will burn out the LED strips.



Clean up the installation surface, it will ensure the reliability of the adhesive, The electrical connection process must be operated by a professional person.