

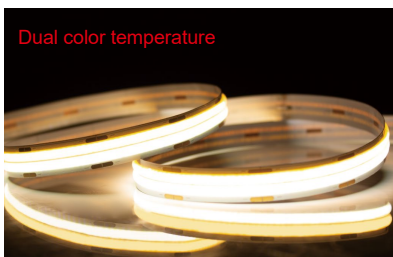
Nox Flex Data Sheet IP20

* Feature

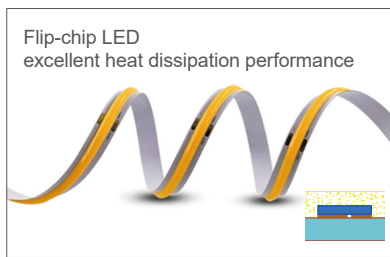
- Flip-chip package, Excellent heat dissipation
- Few drift to keep CCT good consistency and stability
- 100lm/W, CRI: 90/ 95
- 2100 ~4000K/ 2700 ~6000K/ Tunable white/ Single white and color
- No spot, No shadow, No glare, Soft light
- Resistance to sulfide
- Beam angle: 180°
- Can be freely cut at each 50mm, min 10 mm available, easy to install
- Long life span 40000 hrs, 5~7 years warranty.

* Application

Shopping mall, museum, exhibition hall, bar, hotel, restaurant, coffee house, supermarket, conference room, shops, residential and other places.



CCT can be changed from 2100K to 4000K or from 2700K to 6000K



Few drift to keep CCT stable 40000 hrs, 5~7 years warranty



No light spots, Beam angle:180°

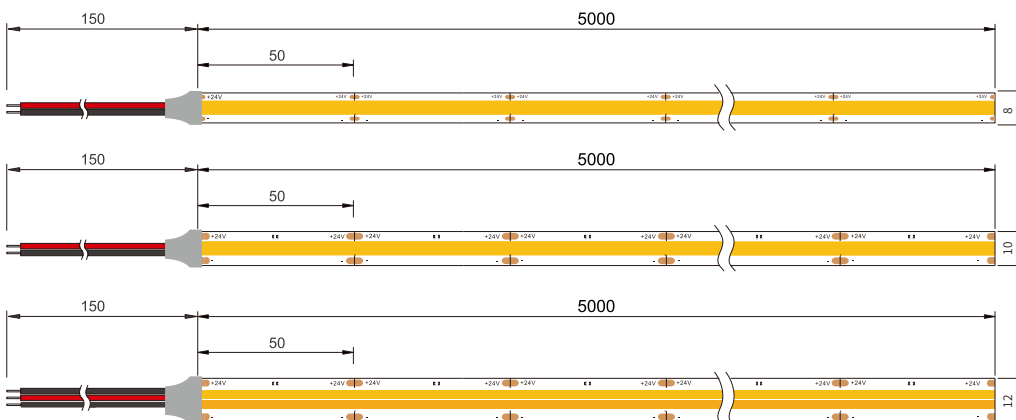


install that can be freely cut



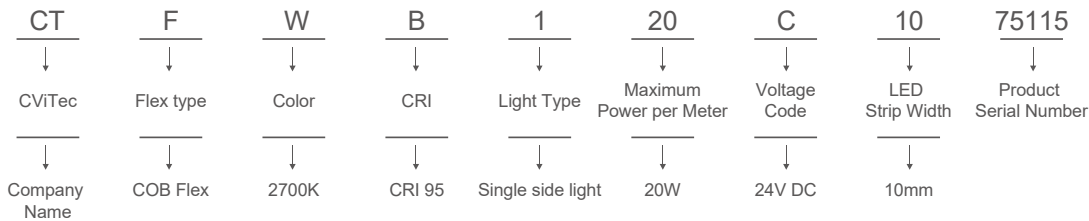
Soft ,can curl at will

* Structure & Dimensions(mm)



* Product Code Rule

Eg: CTFWB120C10-75115



* Product Data

Product Name	Color	Part No.	Power (W)	Voltage (V)	Current (mA)	Lumen (lm/M)	Luminous Efficiency (lm/W)	CCT (K)	CRI	Cut (mm)	Width (mm)	IP Rated
Nox Flex Pro 720 Chips	White	CTFXX115C10	15	24V DC	625	1200~1500	80~100	2100/ 2700/ 3000 4000/ 5000/ 6000	95	50	10	IP20
		CTFXX120C10	20	24V DC	830	1600~2200	80~100	2100/ 2700/ 3000 4000/ 5000/ 6000	95	50	10	IP20
Nox Flex Pro 720*2 Chips	Tunable white	CTFXX115C12	15	24V DC	625	1200~1500	80~110	2100~4000 2700~6000	95	50	12	IP20
		CTFXX120C12	20	24V DC	830	1600~2000	80~110	2100~4000 2700~6000	95	50	12	IP20
Nox Flex 512 Chips	White	CTFXX112C08	12	24V DC	500	960~1200	80~110	2100/ 2700/ 3000 4000/ 5000/ 6000	90	50	8	IP20
		CTFXX115C08	15	24V DC	625	1200~1500	80~110	2100/ 2700/ 3000 4000/ 5000/ 6000	90	50	8	IP20
Nox Flex 512*2 Chips	Tunable white	CTFXX112C12	12	24V DC	500	960~1200	80~110	2100~4000 2700~6000	90	50	12	IP20
		CTFXX115C12	15	24V DC	625	1200~1500	80~110	2100~4000 2700~6000	90	50	12	IP20
Nox Flex ECO 320 Chips	White	CTFXX110C08	10	24V DC	415	800~1000	80~110	2100/ 2700/ 3000 4000/ 5000/ 6000	90	50	8	IP20
		CTFXX112C08	12	24V DC	500	960~1200	80~110	2100/ 2700/ 3000 4000/ 5000/ 6000	90	50	8	IP20
Nox Flex ECO 320*2 Chips	Tunable white	CTFXX110C12	10	24V DC	415	800~1000	80~110	2100~4000 2700~6000	90	50	12	IP20
		CTFXX112C12	12	24V DC	500	960~1200	80~110	2100~4000 2700~6000	90	50	12	IP20
Nox Flex ECO 320 Chips	Single Color	CTFXX108C08	8~10	24V DC	-	-	-	Red/ Green/ Blue Yellow/ Purple/ Pink	-	50	8	IP20
Nox Flex ECO 320*3 Chips	Full Color	CTFXX108C12	8	24V DC	-	-	-	RGB	-	50	12	IP20

* Maximum Rated Parameter

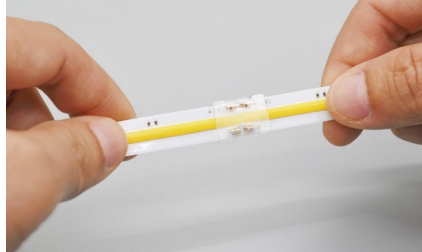
Power(W)	Min Voltage(V)	Voltage(V)	Forward Current(mA)	Max Current(mA)	Max Power(W)	Working Temperature (C)	Storage Temperature (C)
10	22.5V DC	24V DC	415	440	10.56	-20~+60	-20~+70
12	22.5V DC	24V DC	500	530	12.72	-20~+60	-20~+70
15	22.5V DC	24V DC	625	660	15.84	-20~+60	-20~+70
20	22.5V DC	24V DC	830	880	21.12	-20~+60	-20~+70

* Product & Wiring Connection & Cautions

Product connections



Insert each ends of led strips into the end of the connection terminal respectively, make sure the metal clip is on the same side as the metal solder pad of led strip.

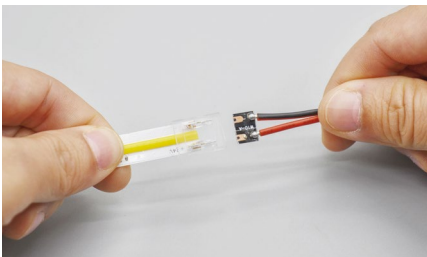


After complete the insert, also make sure both ends of led strip are tightly connected.

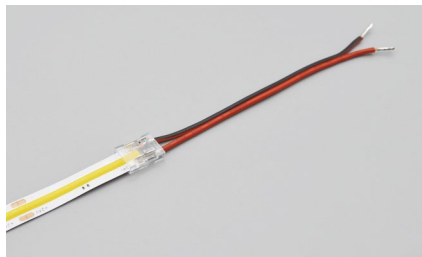


Press the metal clip down with the appropriate plier to ensure that the metal clip is inserted into the appropriate position ,and connection completed.

Wiring connections

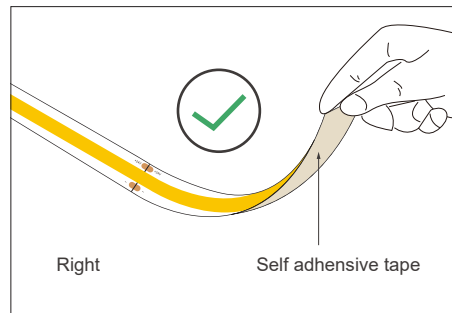
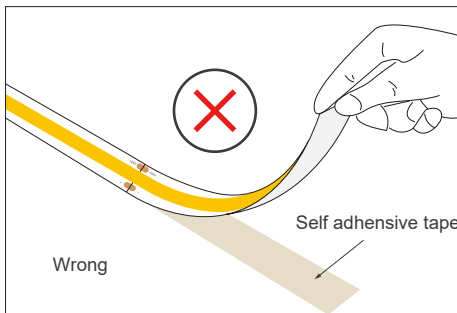


Insert one end of led strip and wire connector into both ends of the connection terminal respectively to ensure that the metal clip is on the same side as the metal solder pad of led strip.



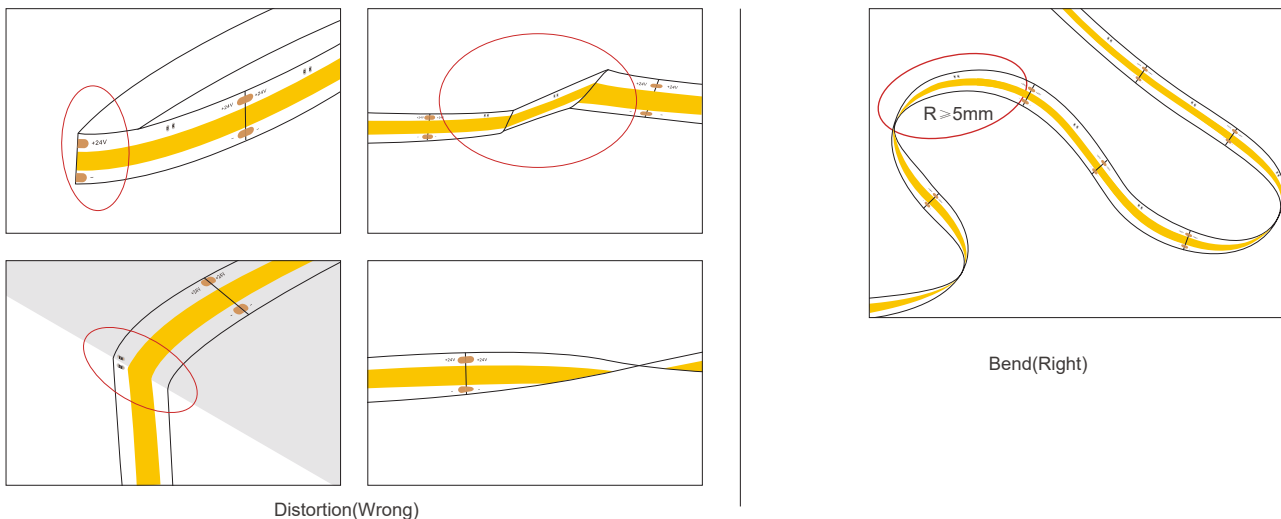
Meanwhile make sure both ends are closely connected, Press the metal clip down with the appropriate plier to ensure that the metal clip is inserted into the appropriate position ,and connection completed.

Cautions



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

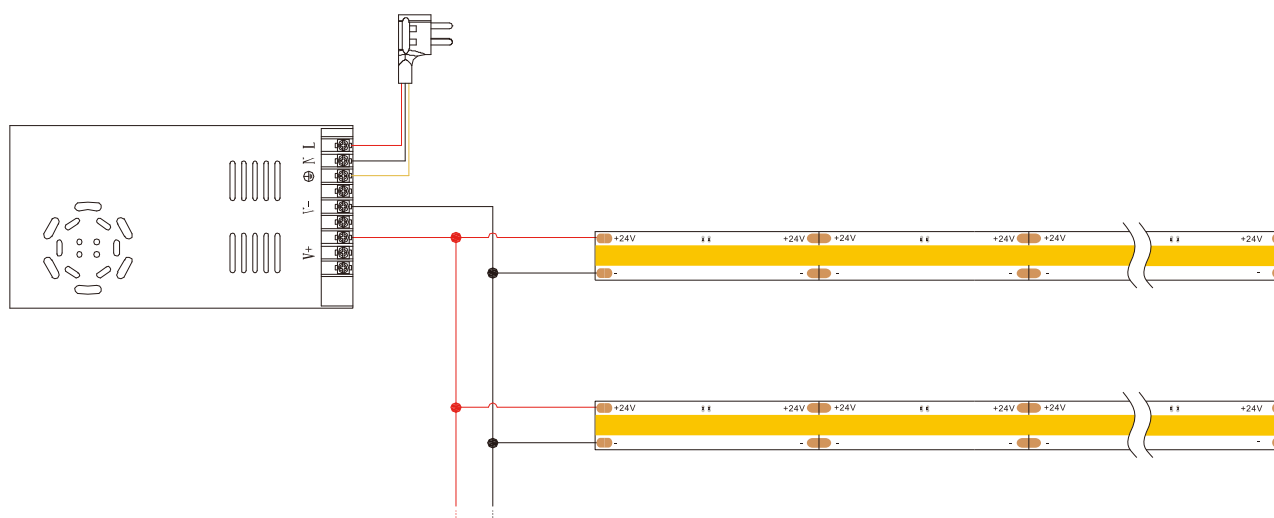
When install the led strip, please note the installation technique
The led strip can be bent, but not distorted, as shown below



➤ LED strips are low voltage 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 and it will ensure the reliability of the adhesive. The electrical connection process must be operated by a professional person.

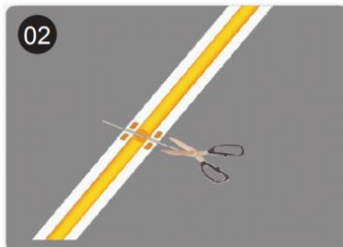
Wiring Diagram



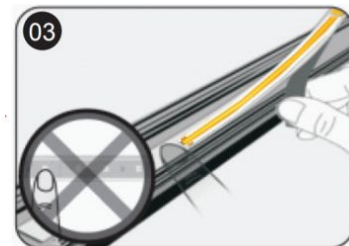
*Installation Step



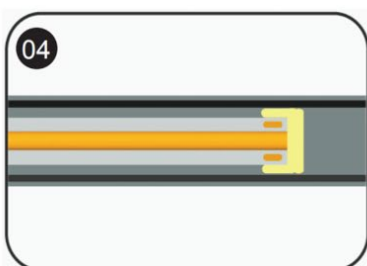
1. Clean



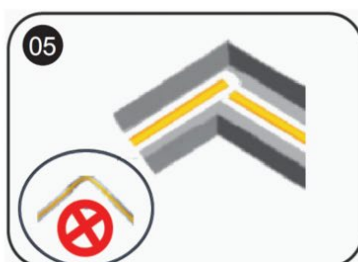
2. Cut (50mm)



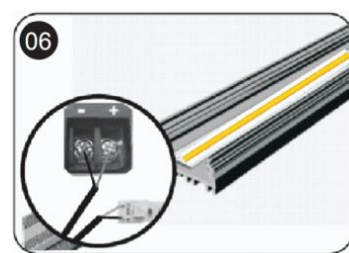
3. Peel off the paper



4. Stick the strip



5. Vertical Installation



6. Connect the power & IP65 attention

*Accessories / Parts (Optional):



*Semi-transparent Plastic Cover



*Connector Clamp



*Aluminum slot Clamp

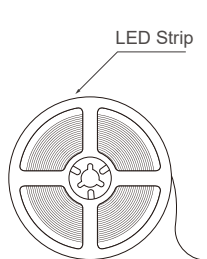


*Aluminum slot

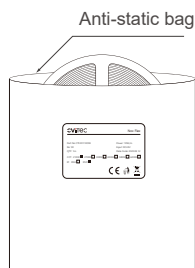


*Square plastic Cover

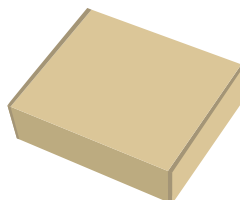
*Package



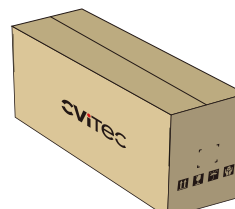
150*150mm



180*205mm



230*160*49mm (2PCS)



250*210*200mm (5PCS)
410*250*200mm (10PCS)

COB flex 5M size: 150*150mm

Anti-static Bag size: 180*205mm

Inner Box size: 230*160*49mm (2PCS)

Carton Box Size 1: 250*210*200mm (5M/Roll, 5Rolls/Carton)

Carton Box Size 2: 410*250*200mm (5M/Roll, 10Rolls/Carton)