

Nox Flex LED Strip Data Sheet

*Feature

- Flip-chip package, Excellent heat dissipation
- Few drift to keep CCT good consistency and stability
- CRI: 90/ 95
- No spot, No shadow, No glare, Soft light
- Resistance to sulfide
- Long life span 40000 hrs, 5years warranty.



Technical data

Electrical specifications			
Part No.	CTFWC110C08	EAN	4060574750172
Wattage (W)	10W	AC input voltage (V)	-
DC output voltage (V)	DC24V	Power factor	-
Voltage Range(V)	DC24V ± 1V	Max Current (mA)	465mA
Dimmable	Yes with Dimmable Driver	Flicker-free	Depand on Driver
Max. no. of lamps on B16A circuit breaker	-	Max. no. of lamps on C10A circuit breaker	-
Max. no. of lamps on C16A circuit breaker	-		
Photometric specifications			
	*1m		
Colour temperatre (CCT)	2700K	Luminaries Lumen (lm)	900
Luminous efficiency (lm/W)	90lm/ W	CRI (Ra)	90
Standrd deviation of colour	<3 SDCM	R9	>70
UGR	25	Beam angke (°)	180°
Mechanical specifications			
Housing material	FPC+silicon	Housing Colour	White/ Yellow
Optical cover/ lens material	Silicon with Phosphor	Length/ diametr	5000mm
Width/ diametr	8mm	Height	1.8mm
Mounting diameter	-	Product weight	60g
Lifespan *Open work environment			
Number of switching cycles	100,000-	L70/B50 service life at 25°C	40,000 hrs used with heatsink
L70/B50 service life at 25°C	25,000 hrs No with heatsink	Warranty period	5 Years used with heatsink 3 Years No with heatsink

Application parameters

Working temperature range -20~+55°C

Storage temperature range -25~+80°C

Product specifications

Individual package length 230mm

Individual package width 180mm

Individual package height 38mm

Gross weight (single item) 90g

Driver Without

Packaging unit 2PCS

Shipping box length 250mm

Shipping box width 210mm

Shipping box height 200mm

Gross weight (Shipping box) -

Additional product specifications

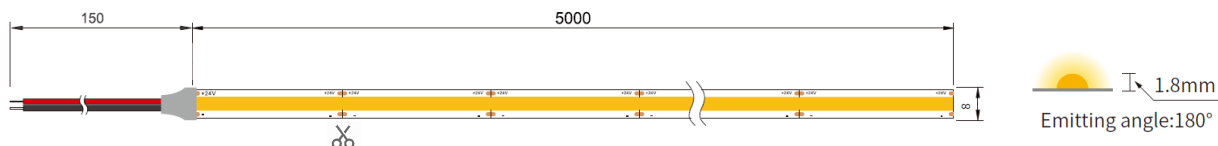
Type of installation 3M glue

Location of installation -

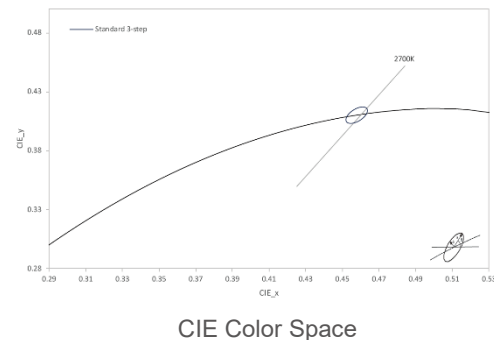
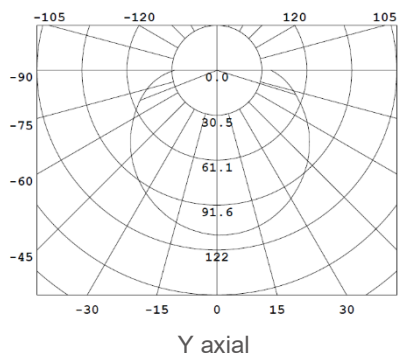
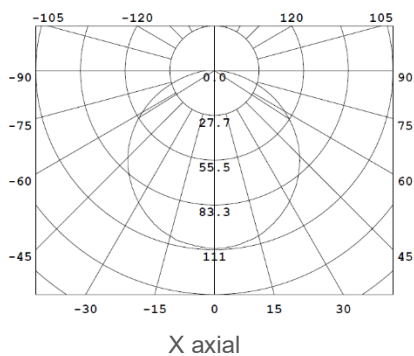
Connection type Connector

- Power off before replacement
- Do not in violation of any fire regulations when using
- Consult competent electricians for technical support
- If the supply cord is damaged, it shall be exclusively replaced by the manufacture or his service agent or similar qualified person in order to avoid a hazard

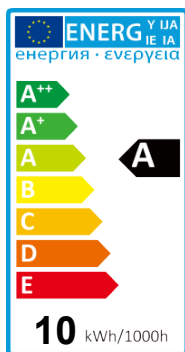
*** Structure & Dimensions(mm) *Cut each 50mm freely**



*** Photometric Information (0.5m)**

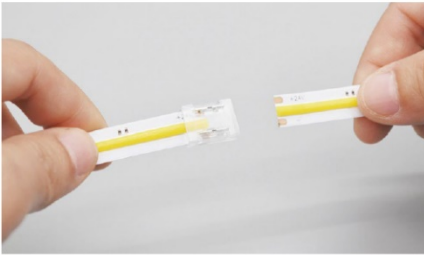


*** Energy Label**



* Product & Wiring Connection & Cautions

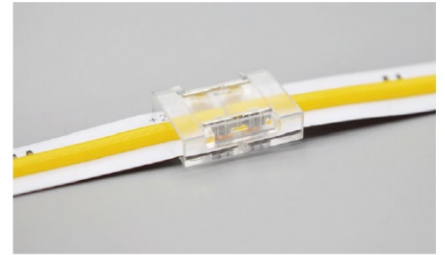
Product connections



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.

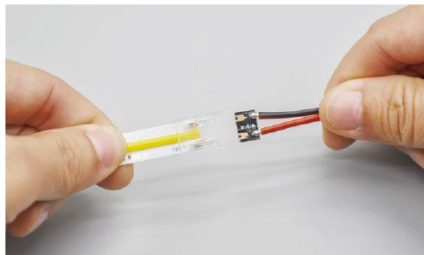


After complete the insert, also make sure both ends of led strip are tightly connected.



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

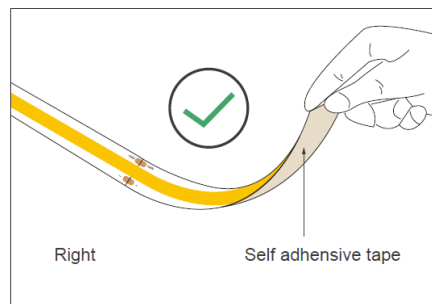
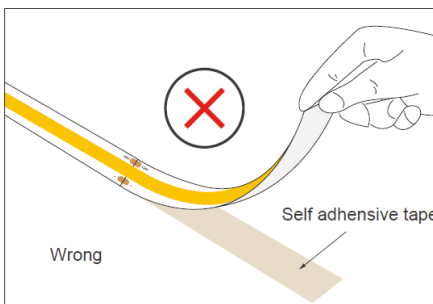


Insert one end of led strip and wire connector into both ends of the connection terminal respectively to ensure that the metal clip is on the same side as the metal solder pad of led strip.



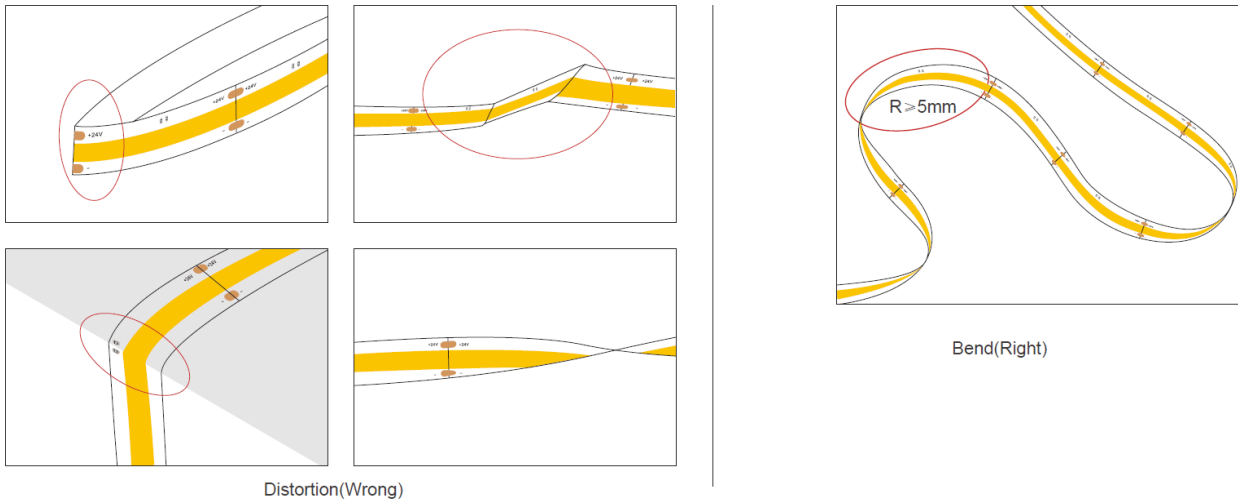
Meanwhile make sure both ends are closely connected, Press the metal clip down with the appropriate plier to ensure that the metal clip is inserted into the appropriate position ,and connection completed.

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.

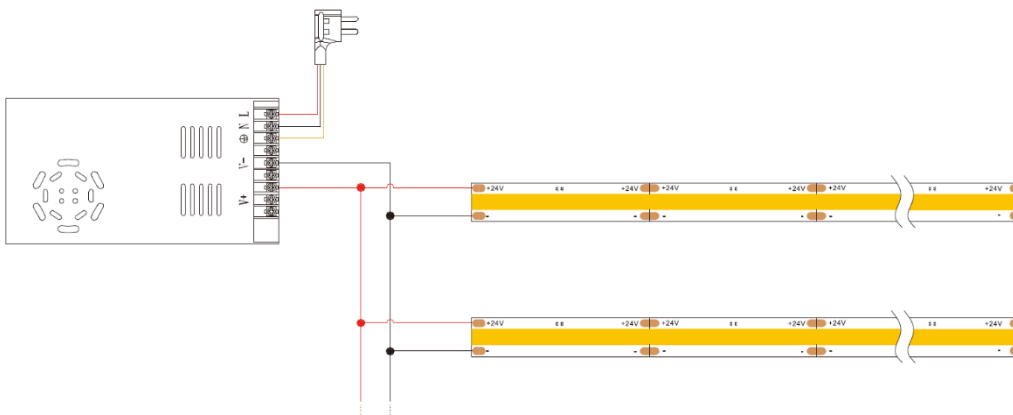
When install the led strip, please note the installation technique
The led strip can be bent, but not distorted, as shown below



➔ 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.

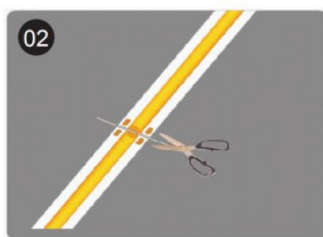
Wiring Diagram



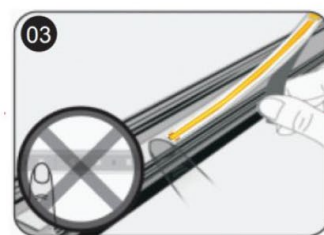
*Installation Step



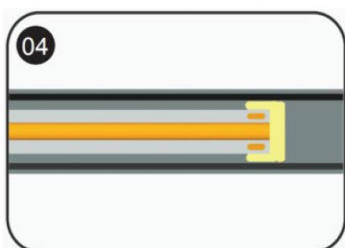
1.Clean



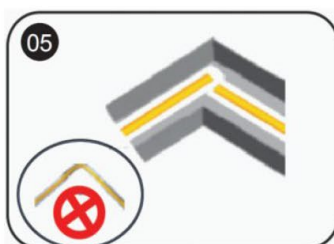
2.Cut (50mm)



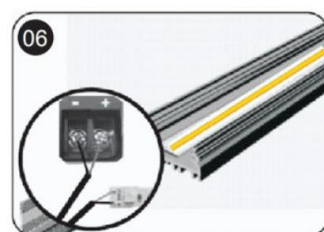
3. Peel off the paper



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