

# Nox Pro 12W Data Sheet

Nox Pro, 12W/m, 2100K / 2700K / 3000K / 4000K / 5000K / 6000K, CRI 90

## \*Features

- Single CCT, 2100K / 2700K / 3000K / 4000K / 5000K / 6000K, high CRI 90
- 12W/m, high brightness max 1440lm/m@4000K for general lighting
- High Lumen efficiency, >120lm/W@4000K
- Low glare without light dot
- Replace T5 and T8, or used as linear fixture light source
- Applied in office, hotel, villa, shop and home
- 24V, high power efficiency
- Wide beam angle 130°
- 8mm width
- 3M adhesive back tape
- Good dissipation, 25000hrs lifespan, 40000hrs long lifespan with heatsink



## Technical data

Electrical specifications							
Wattage (W/m)	12	AC input voltage (V)					-
DC input voltage (V)	24	Power factor					-
Frequency (Hz)	-	Total harmonic distortion (THD)					-
Dimming type	Triac / 1-10V / DALI/ WIFI	Flicker-free					-
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							
Part No.	CCT	CRI	Lumen/M	Luminous Efficiency (lm/W)	Beam angle	Standard deviation of color	
CVAF2C112C08D10-75711	2100K	90	900lm± 5%	75lm/ W	130°	3 SDCM	
CVAFWC112C08D10-75712	2700K		1200lm± 5%	100lm/ W			
CVAF3C112C08D10-75713	3000K		1260lm± 5%	105lm/ W			
CVAF4C112C08D10-75714	4000K		1440lm± 5%	120lm/ W			
CVAF5C112C08D10-75715	5000K		1440lm± 5%	120lm/ W			
CVAF6C112C08D10-75716	6000K		1380lm± 5%	115lm/ W			
Mechanical specifications							
Housing material		Housing Colour					
Optical cover/ lens material	-	Length/ diameter (mm)				10000	
Width/ diameter (mm)	8	Height (mm)				1.8	
Cut length (mm)	41.5	Product weight					
Lifespan							
Number of switching cycles	100000	L70/B50 service life at 25°C				50,000 hrs	
L80/B10 service life at 25°C	30,000 hrs	L90/B10 service life at 25°C				25,000 hrs	
Warranty period	5 Years						

## Application parameters

Working temperature range -20~+60°C

## Additional product specifications

Type of installation 3M adhesive tape

Connection type Connector

## Storage parameters

Storage temperature range -20~+70°C

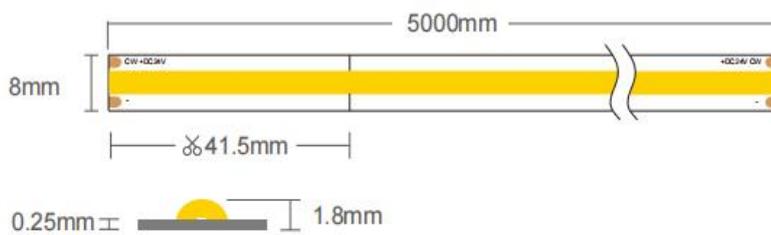
## Installation parameters

Location of installation -

Protection type IP20

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

## Dimensions



## \*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.

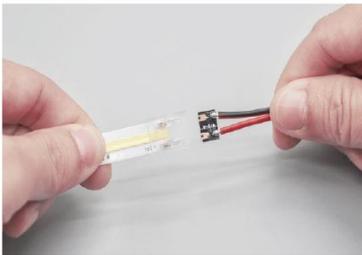


After complete the insert, also make sure both ends of led strip are tightly connected.



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

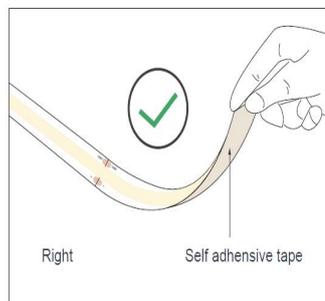
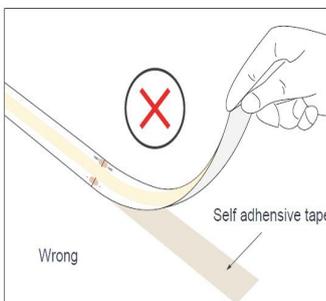


Insert one end of led strip and wire connector into both ends of the connection terminal respectively to ensure that the metal clip is on the same side as the metal solder pad of led strip.



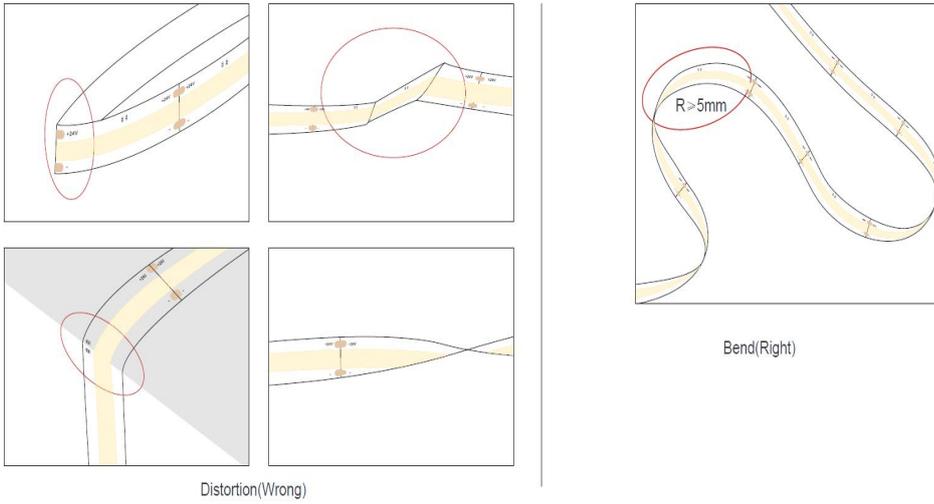
Meanwhile make sure both ends are closely connected, Press the metal clip down with the appropriate plier to ensure that the metal clip is inserted into the appropriate position ,and connection completed.

### 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



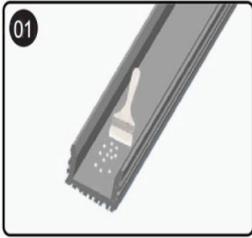
 LED strips are low voltage products, you must use the power supply(transformer). Please don't connect the led strip directly to the AC 110v or AC 220v, otherwise it will burn out the LED strips.

 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.

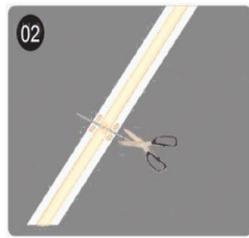
## Wiring Diagram



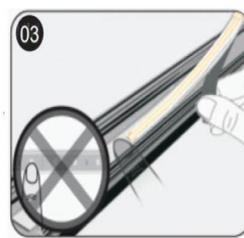
## \*Installation Step



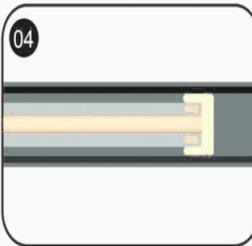
1.Clean



2.Cut



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