

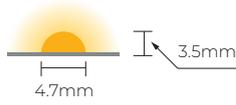
Note : The pictures in the Product Specification are for reference only, please refer to the actual product.

PRODUCT SPECIFICATION

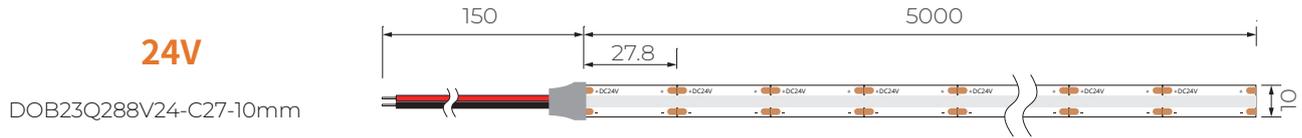
DOB LED STRIP

DOB TAPE 288
DOB23Q288V24-Cx

- Roll-to-Roll, Solderless
- No spot, no shadow, soft light.
- 180° beam angle, dimmable function.
- Higher density of LEDs, resulting in a brighter and more uniform light.



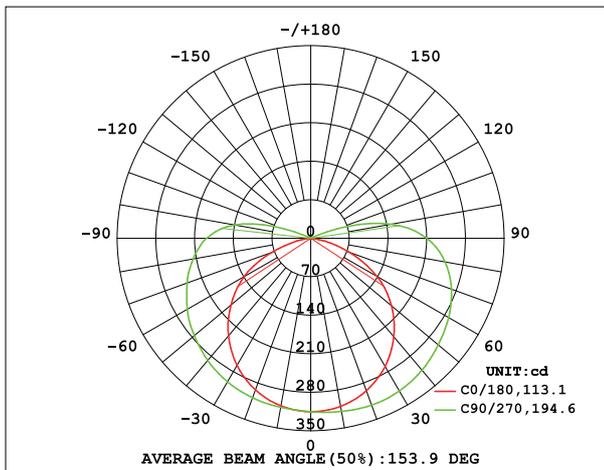
Dimension structure (Unit: mm)



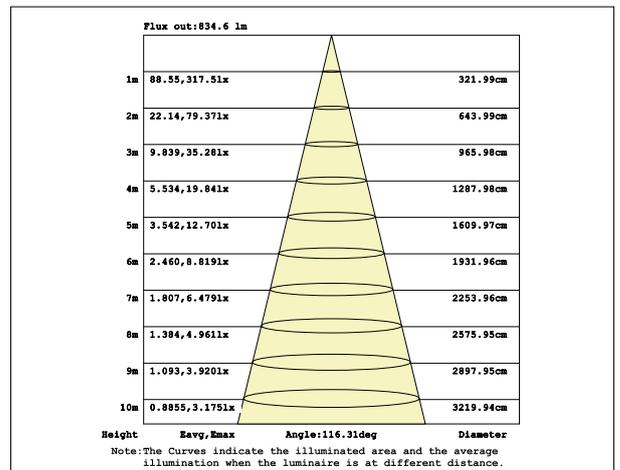
Technical Data	
Input voltage	24V
RA	≥90
Bram angle	180°
Warranty	5years

Led Bead Quantity	288LEDs
Working hour	50000h
Working temperature	-25°C~+45°C
Cutable length(MM)	27.8
PCB Width(MM)	10

Light Distribution Curve



Illuminance curve



Note: The above data is based on 24V, 15W/M, single colour with 4000k colour temperature. If you need IES files for other types, please contact our sales department.

COB-288-Single color-24V

CCT (K)	RA	SDCM	voltage (V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Unit cut (MM)	Max.run length(M)	CV/CC
2700	≥90	<3	DC24	15	1620	108	27.8	5	CV
3000	≥90	<3	DC24	15	1650	110	27.8	5	CV
3500	≥90	<3	DC24	15	1665	111	27.8	5	CV
4000	≥90	<3	DC24	15	1725	115	27.8	5	CV
5000	≥90	<5	DC24	15	1755	117	27.8	5	CV
6500	≥90	<5	DC24	15	1650	110	27.8	5	CV

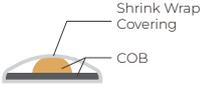
- The given color temperature is the temperature of finished product.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- All products can be dimmed; the dimmer' s voltage 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		Inner core: 20AWG		Red V+, Black V-

WATERPOOF GRADE OPTIONS

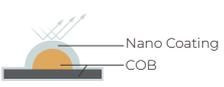
Shrinkable tube



IP65

Suitable for humid environment

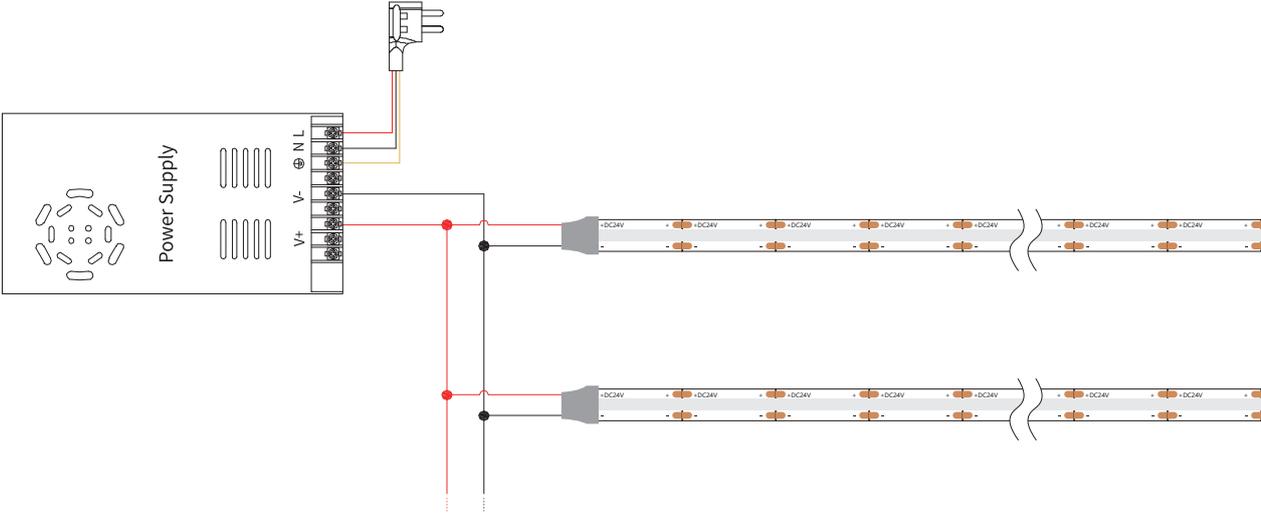
Nano Coating



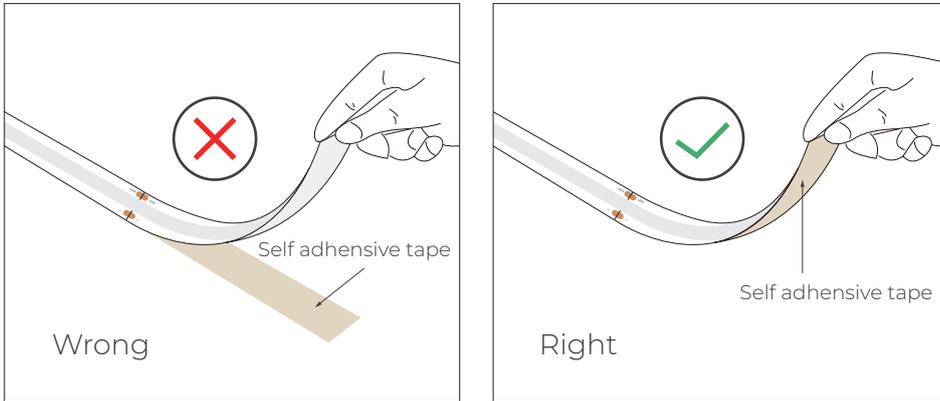
IP65

Suitable for humid environment

Connection Diagram

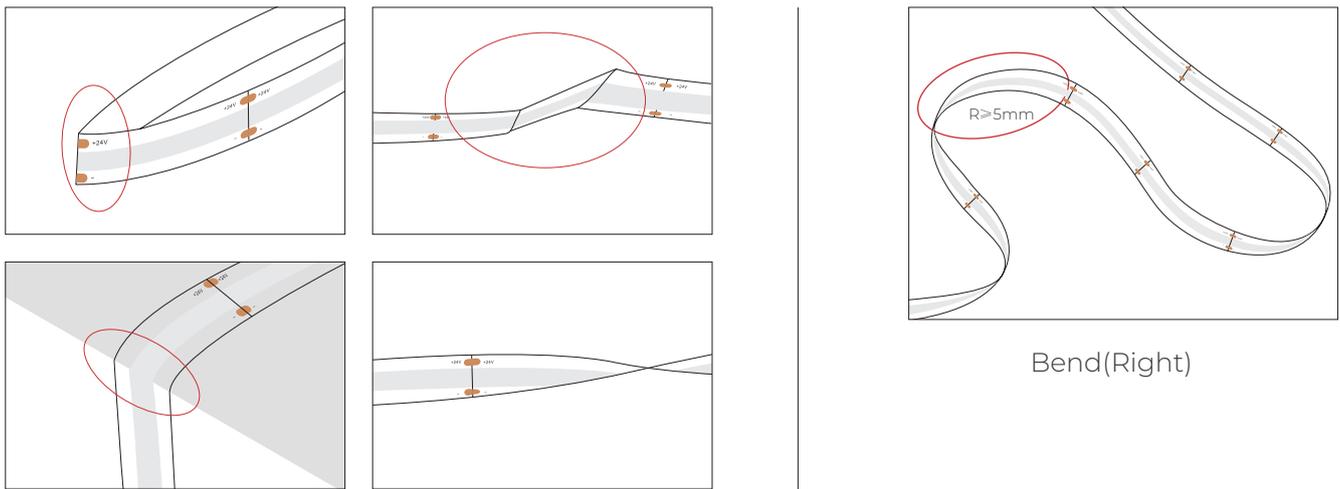


⚠ Cautions



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.



Distortion (Wrong)

Bend (Right)

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