EXPERT 4 HOUSE

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Professional LED Lighting Manufacturer

ODM/OEM



DY-31225-CCT-SPI

Addressable COB LED Strip

RoHS



Advantage:

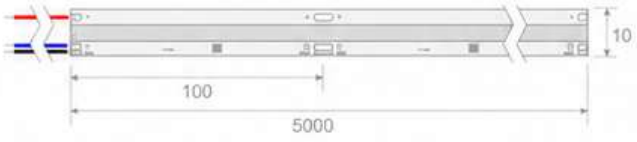
1. 560 chips densely arranged-even light, no dots or dark areas.
2. Double-Sided PCB ensures stable performance.
3. Original 3M tape for lasting adhesion.
4. Can be cut for versatile designs.
5. Works with mounting accessories.
6. Eco-friendly silicone: odorless, anti-yellowing.

Product parameters:

Dimension:	5000*10mm	**PCB material:**	Double layer FPC
Power:	10W+10W/m	**Beam angle:**	180°
Voltage:	DC24V	**Cut length:**	100mm
Current:	0.37A/m	**Life time:**	36000 hours
Pixel:	10 Pixels/m	**Warranty:**	3 Years
Chip quantity:	560Chips/m	**Storage temperature:**	-40~+80°C
Color:	2700K+6500K Addressable	**Working temperature:**	-25~+60°C

- Customizable for other color temperatures if needed.

Dimension (unit: mm):



IP grade:



IP20 Non-Waterproof

IP65 Silicone Coating

IP66 Silicone Tube

IP67 Hollow Extrusion

Color standard:

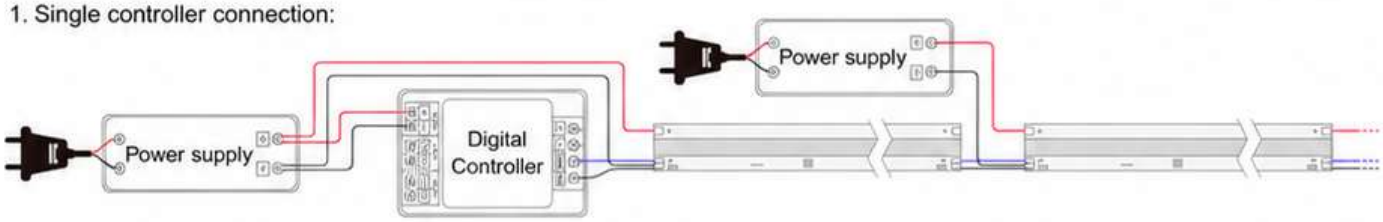


Application scenarios:

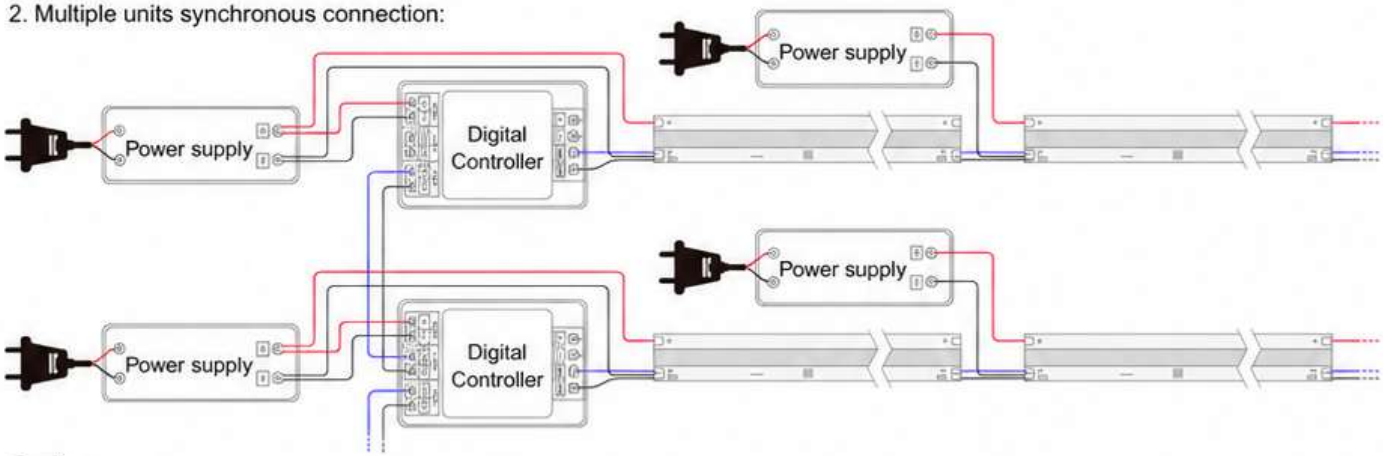


Connection diagram:

1. Single controller connection:



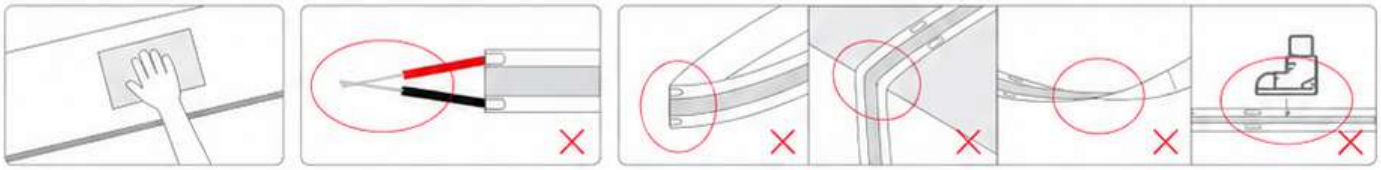
2. Multiple units synchronous connection:



Caution:

- When connecting light strip, ensure that the total power of the light strip does not exceed 80% of the power supply and controller's rated power.
- Please disconnect the power before making any connections.

Precautions:



1. Clean the installation surface.
2. Ensure that the wires do not touch each other to avoid short circuits.
3. Do not bend, twist, or step on the light strip to prevent damage.

Accessories (Please purchase the above accessories according to your demand):

Solderless Connector (Non-Waterproof)



Single-ended | LED to LED | Double-ended

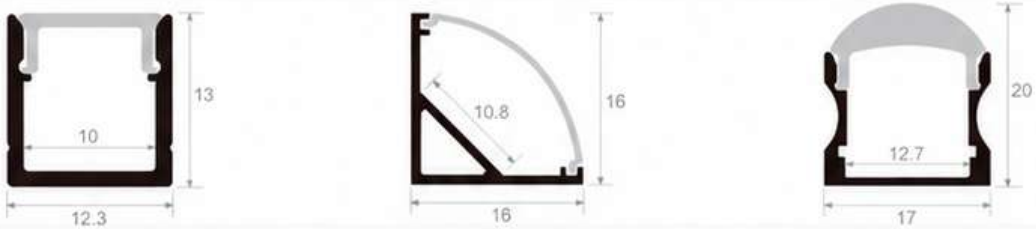
Mounting Clip (Non-Waterproof)



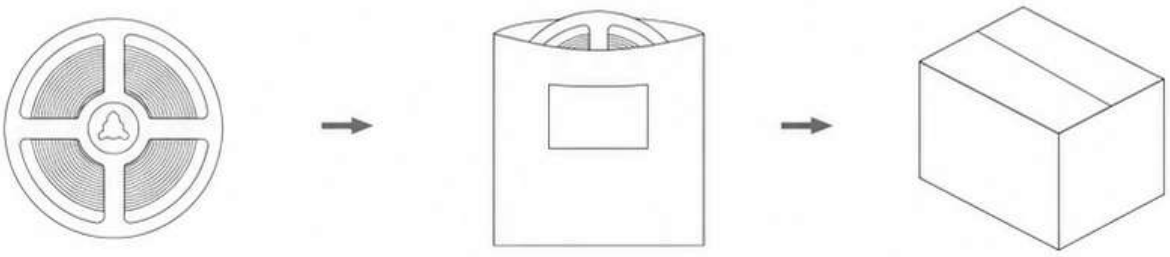
Mounting Clip (Waterproof)



Aluminum (unit: mm)



Packing:



Packing Information						
Products	**Reel Size**	**Gross Weight / Roll**	**Length / Roll**	**QTY / Carton**	**Packing Size**	**Total Weight**
IP20-Non-Waterproof	5 in	76g	5000mm	120 Roll	500*370*220mm	9.5KG
IP67-Hollow Extrusion	8 in	380g	5000mm	40 Roll	640*260*240mm	16.2KG

Product Specifications & Handling Instructions

1. Standard Length & Customization

Default length: 5 meters/roll (standard packaging).

Custom lengths: Available upon request (lead time confirmation required).

2.LED Protection

Do not strike the luminous area with hard objects to avoid damage to LEDs or circuits.

3.Soldering Guidelines

Soldering iron temperature: <300°C.

Soldering duration per joint: <3 seconds to prevent overheating.

4.Bending & Twisting Limits

Avoid sharp bends over short distances.

Maximum twist angle per 0.5-meter segment: <720° (two full rotations).

Minimum Bending diameter at any point must be >3 cm to protect internal wiring.

5.Transport & Storage

Do not place heavy objects on the carton or step on it to prevent crushing.

6.Receipt Inspection

If the outer carton is damaged, inspect contents before signing for delivery.

For damaged items, take photos immediately and contact customer support.