



## Low-voltage 12V/24V High-brightness 2835/2025 Flexible LED Strip with Multiple Width Options for Versatile Lighting

Our Product Introduction

### Basic Information

- Place of Origin: SHENZHEN CHINA
- Brand Name: YSENLED
- Certification: CE ROHS LVD EMS
- Model Number: YS-BAPL028
- Minimum Order Quantity: 10
- Price: Negotiable
- Packaging Details: 10\*1000\*20
- Delivery Time: 2DAYS
- Payment Terms: L/C,D/A,D/P,T/T,Western Union
- Supply Ability: 100,000 meters per week

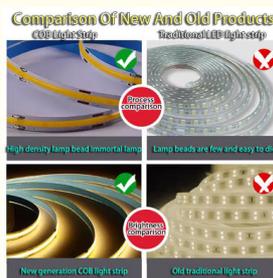


### Product Specification

- Highlight: Low-voltage 12V/24V LED Flexible Strip Lights, High-brightness 2835/2025 Flexible LED Strip, Multiple Width Options LED Light Strip



### More Images



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## Product Description

### Low-Voltage Flexible LED Strips

These 12V/24V high-brightness 2835/2025 flexible LED strips are widely used for display case lighting, ceiling recesses, and linear lighting applications. Available in multiple widths from 3mm to 20mm to suit various installation requirements.

### Core Specifications and Features

#### Multiple Width Options

**Extra Narrow (3mm - 5mm):** Ideal for extremely narrow gaps and high-concealment applications such as precision display case edges

**Standard (8mm - 10mm):** Most common market size, compatible with majority of aluminum profile slots

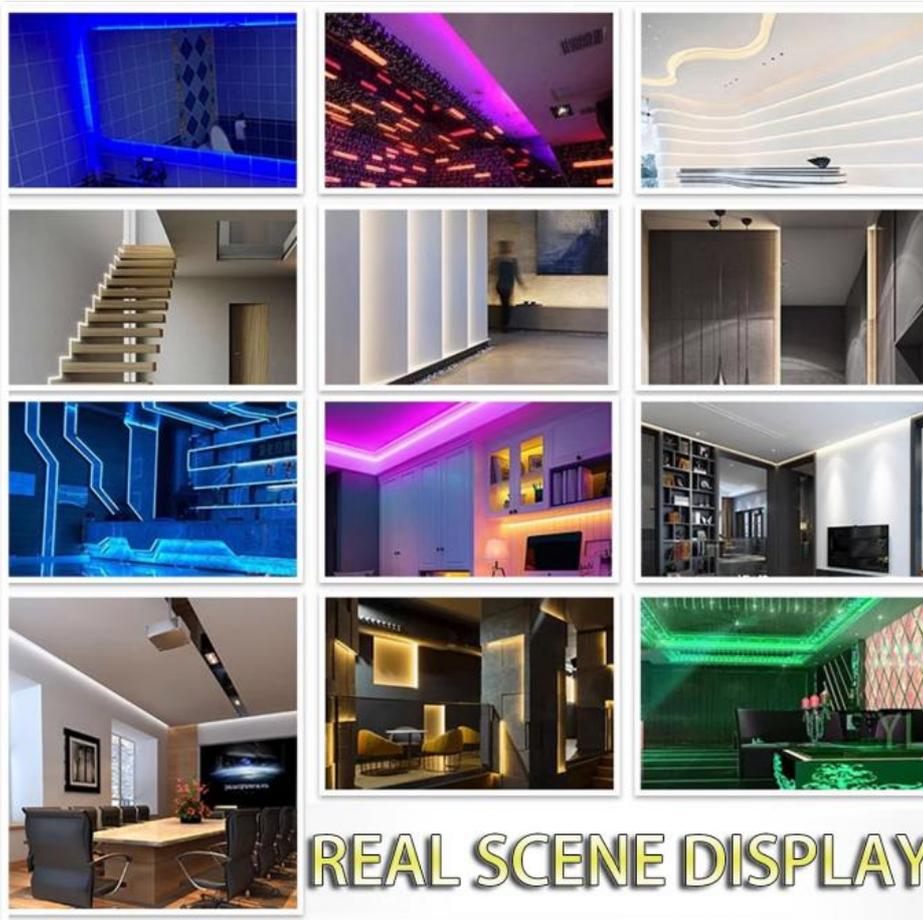
**Wide/Reinforced (12mm - 20mm):** Features double-row LED design with higher power output and larger heat dissipation area, suitable for large-area high-brightness lighting

#### LED Model Specifications

**2835:** Medium-power ultra-bright LED (2.8x3.5mm) with superior heat dissipation performance compared to 3528, commonly used in high-efficiency LED strips

**2025:** Recent high-density packaging technology with smaller size allowing closer arrangement, ideal for achieving seamless spotless effects with hundreds of LEDs per meter

#### Voltage Selection Guide



**12V:** High safety rating, suitable for short-distance installations up to 3 meters; experiences significant brightness attenuation (voltage drop) at longer distances

**24V:** Ideal for long-distance series connections of 5-10 meters or more, featuring lower current, reduced heat generation, and more uniform brightness distribution

#### Common Application Scenarios

**Home Decoration:** Ceiling lighting, bedroom bedside backlighting - recommended warm light (3000K) or neutral light (4000K)

**Commercial Lighting:** Shopping mall display cases, vanity mirror lights - recommended high CRI, high brightness white light

**Engineering Decoration:** Lightbox advertising, outdoor waterproof outlining (requires additional waterproof sleeve)

## Purchase and Installation Guidelines

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### Installation Methods

Genuine products include 3M strong adhesive backing for direct application to dry, flat surfaces.

### Heat Dissipation Requirements

High-brightness LED strips should be used with aluminum profile slots to facilitate proper heat dissipation from LED chips and extend product lifespan.

### Power Supply Matching

Must be used with corresponding 12V/24V low-voltage transformer/driver. Direct connection to 220V AC mains power is strictly prohibited.

**Important Safety Note:** Always use appropriate low-voltage power supplies and ensure proper installation to maintain product performance and safety standards.



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