



## 110V-240V Wide Voltage IP67/IP68 Waterproof COB LED Strip for Outdoor Lighting with COB Integrated Packaging

Our Product Introduction

### Basic Information

- Place of Origin: SHENZHEN CHINA
- Brand Name: YSENLED
- Certification: CE ROHS LVD EMS
- Model Number: YS-R120X2835RAF3
- 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



Back-shaped Side Hanging Effect

### Product Specification

- Highlight: 110V-240V Wide Voltage COB LED Strip, IP67/IP68 Waterproof LED Strip, COB Integrated Packaging Outdoor LED Strip



### More Images



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## Product Description

Our Product Introduction

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### 110V-240V Low Voltage COB Light Strip Waterproof Glue Filling for Outdoor Lighting

This 110V-240V wide-pressure waterproof COB LED strip is a high-performance flexible lighting solution engineered for demanding outdoor environments. It eliminates the need for external driver power supplies by supporting direct connection to universal AC mains power worldwide, streamlining installation while maintaining exceptional performance.

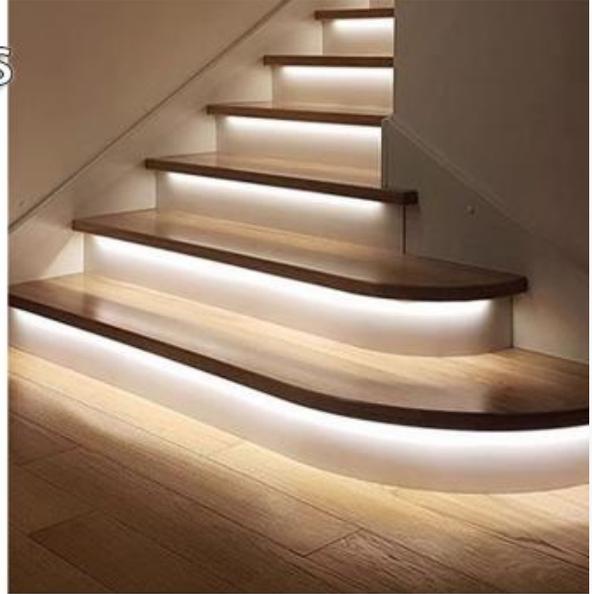


### Technical Specifications

Parameter	Specification
Operating Voltage	AC 110V-240V, 50/60Hz
Waterproof Rating	IP67/IP68 (Fully potted and sealed)
Light Technology	COB integrated packaging
LED Density	240-320 LEDs/meter
Rated Power	8-12W/meter
Color Rendering Index	Ra $\geq$ 80 (Standard) / Ra $\geq$ 90 (High-CRI)

Color Temperature	3000K, 4000K, 6000K, RGB customizable
Operating Temperature	-20 to +60
Product Lifespan	50,000+ hours
Certifications	CE, RoHS, LVD compliant

## Indoor Use Scenarios



### Key Features

- **Global Voltage Compatibility:** Direct plug-in operation with 110V-240V mains power, eliminating external drivers
- **Superior Weather Resistance:** Double-layer sealing with silicone sleeve and waterproof potting compound for complete protection
- **Uniform Surface Lighting:** COB technology eliminates dark spots and provides glare-free, consistent illumination
- **Flexible Installation:** FPC flexible substrate adapts to curved surfaces and irregular structures
- **Energy Efficient:** Low-power, high-brightness design with 50,000+ hour lifespan

### Application Scenarios

Ideal for demanding outdoor environments including:

- Architectural lighting for building outlines, eaves, and railings
- Garden and landscape lighting for pathways, pools, and pergolas
- Commercial signage and billboard illumination
- Special humid environments like basements, cold storage, and marine applications

### Installation Guidelines

**Important Safety Notice:** This product operates on mains voltage and must be installed by qualified electricians only.

- Always disconnect power before installation
- Do not cut or modify sealed strips - contact manufacturer for custom lengths
- Use stainless steel clips or weather-resistant adhesive for mounting
- Apply additional waterproofing to connectors and end caps
- Install on dry, flat surfaces free of sharp edges
- Use dedicated waterproof connectors for multiple strip connections

### Maintenance & Safety

- Regularly inspect for damage, cracking, or abnormal lighting
- Clean with dry or damp soft cloth - avoid high-pressure water jets
- Inspect fixation and sealing every 3-6 months
- Store unused strips in dry, cool environments away from direct sunlight

This 110V-240V waterproof COB LED strip combines robust weather resistance with driver-free convenience, providing reliable, energy-efficient outdoor lighting solutions for residential, commercial, and engineering applications worldwide.



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