



24V Low Voltage Embedded Silicone LED Neon Light Strip with IP65 Waterproof and Uniform Light Emission

Our Product Introduction

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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

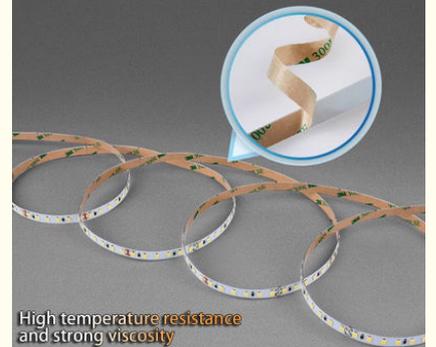
Dense Lamp Beads Emit Light Evenly
There are 120 lamp beads per meter length



Product Specification

- Highlight: **24V Low Voltage LED Neon Light Strip , IP65 Waterproof Flexible Linear Light Strip , Uniform Light Emission Embedded Silicone LED Strip**

Double-sided Adhesive For Lossless Installation
The back of the light strip uses double-sided adhesive



High temperature resistance and strong viscosity

More Images



Product Description

Embedded Silicone LED Neon Light Strip

24V low voltage flexible linear light strip combining high flexibility, uniform light emission without visible light spots, and long-distance low-voltage safety.

Product Highlights

- Embedded Silicone LED Neon Light Strip
- LED Neon Light Strip 24V
- Flexible Soft Linear Light Strip

Waterproof Rating	IP65
Connector Protection	Waterproof IP68
Reel	10m/reel
Led Brand	Epistar
Remote Control	Yes
Customized	Yes, Available
Meter	5m/reel
Type	LED Strip Lights
Led Type	HD107S
Operating Current	150mA
Light Source	LED
Cutable Length	Every 3 LEDs
Oem Odm	Accepted
Hs Code	9405409000
Led Light Source	SMD2835

Compared to traditional 12V strips, the 24V version with its lower voltage drop is more suitable for continuous installations over distances of 5 meters or more, ensuring consistent brightness from beginning to end.



Core Product Features

Embedded Design

Features a built-in slot structure, allowing direct embedding into walls, ceilings, or furniture recesses for a minimalist linear effect where the light source is not visible, eliminating the need for additional aluminum profiles.

Environmentally Friendly Silicone Material

Compared to PVC, silicone is more resistant to high and low temperatures (-20 to 50), less prone to yellowing, and more flexible, with a minimum bending radius of 100mm, facilitating the creation of various shapes.

Uniform Light Spot Effect

Utilizing a one-piece extrusion process, light diffuses through a thick silicone layer, resulting in a smooth, neon-like visual effect, avoiding the glare of ordinary LED beads.



High Protection Rating

Typically boasts IP65 to IP68 waterproof and dustproof ratings, suitable for bathrooms, kitchens, and even outdoor architectural outline lighting.

Advantages of the 24V Low-Voltage System

Extended Battery Life

Lower current draw at the same power output, resulting in higher energy transfer efficiency, ideal for large-scale commercial space lighting.

Safe and Stable

24V DC is a safe voltage for the human body, reducing the risk of electric shock. More stable voltage reduction also helps extend the lifespan of LED chips.

Recommended Application Scenarios



Home Spaces

Ceiling recesses, cabinet lighting (cabinets, wardrobes), decorative moldings on feature walls.

Commercial Displays

Linear light guides in showrooms, baseboards in hotel corridors, bar outline decorations.

Outdoor Projects

Building outlines, landscape walkway decorations, advertising sign lettering.



SHENZHEN YSENLED LIGHTING CO.,LTD



lyzylight@gmail.com



led-stripslights.com

2F, Building 3, Ruibang Industrial , No.8 Laocun Road, Tangtou, Shiyan, Bao'an District, Shenzhen, Guangdong, China