



DC 24V SMD5730 72LED Rigid LED Strip Light with Aluminum Substrate for Automotive Lighting

Our Product Introduction

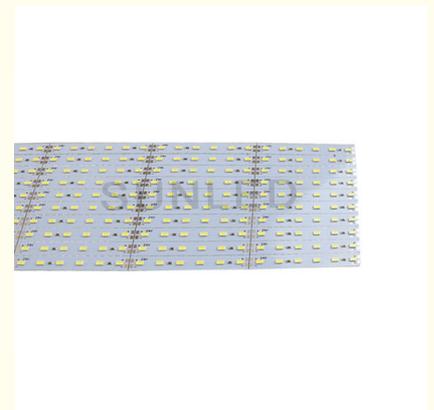
Basic Information

- Place of Origin: shenzhen,china
- Brand Name: Sunled
- Certification: ce/rohs
- Model Number: SL24V001
- Minimum Order Quantity: 500pcs
- Price: usd0.5-1usd-pc
- Packaging Details: carton
- Delivery Time: 10-12 working days
- Payment Terms: T/T,Western Union
- Supply Ability: 5000pcs per week



Product Specification

- Highlight: DC 24V LED Strip Light, SMD5730 Rigid LED Strip, 72LED Aluminum LED Strip



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Product Description

Aluminum Substrate DC 24V SMD5730 72LED Rigid LED Automotive Lighting Strip

High-brightness, high-heat-dissipation professional lighting component designed for automotive and industrial applications including trucks, refrigerated trucks, RV interiors, advertising light boxes, jewelry counters, and industrial equipment lighting.

Core Specifications

Specification	Details
Light Source Type	SMD 5730 surface-mount LEDs with high power, low light decay, and high brightness
Input Voltage	DC 24V (compatible with 24V automotive systems and 24V transformers)
LED Count	72 LEDs per meter (single row arrangement)
Board Material	Aluminum substrate (Aluminum PCB) for excellent thermal conductivity
Power Consumption	18W to 26W per meter (depending on chip power)
Luminous Efficacy	24-26LM per LED for extremely high overall brightness

Key Features & Advantages

Automotive Compatibility: Direct compatibility with 24V vehicle power systems for truck cab lights, bus reading lights, and RV interior lighting

Rigid Structure: Straight installation without sagging, typically used with aluminum channels and PC covers

Superior Heat Dissipation: Aluminum substrate dissipates heat faster than fiberboard, suitable for prolonged operation

Easy Installation: Supports cutting at 6-LED units (approximately 50mm) for custom length customization

Professional Grade: High brightness and stability for demanding industrial and automotive applications

Installation Recommendations

Casing Selection: Use aluminum casing with protective cover to protect LEDs from dust and provide secondary heat dissipation.

Voltage Compatibility: Ensure proper voltage matching. Never connect 24V LED strip directly to 12V battery (insufficient brightness) or higher voltage power supply (risk of burnout).



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