



## 6063 Series Aluminium LED Strip Profile with Superior Heat Dissipation and Uniform Flicker-Free Light for Hotel Functional Lighting

Our Product Introduction

### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: YSENLED
- Certification: CE ROHS LVD EMS
- Model Number: YS-BAPL001
- Minimum Order Quantity: 10
- Price: Negotiable
- Packaging Details: 115\*19\*20cm
- Delivery Time: Within 48 hours
- Payment Terms: L/C,D/A,D/P,T/T,Western Union
- Supply Ability: 100,000 meters per week



### Product Specification

- Highlight: **6063 Series Aluminium LED Strip Profile, Superior Heat Dissipation LED Strip Channel, Uniform Flicker-Free Aluminium Light Strip Housing**

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### 6063 Series Aluminum LED Strip Profile for Hotel Functional Lighting

6063 series aluminum profiles are the preferred material for functional lighting in hotels, offering an optimal balance between heat dissipation, processing precision, and decorative aesthetics. Ideal for concealed light strips, corridor baseboards, wardrobe sensor lights, and other hotel lighting applications.

#### Core Advantages for Hotel Lighting

##### Superior Heat Dissipation

6063 aluminum alloy provides excellent thermal conductivity for prolonged hotel lighting operation. The profile efficiently dissipates heat generated by LED strips, preventing light decay and color temperature shift while extending LED lifespan by over 50%.

##### Uniform, Flicker-Free Light Quality

Compatible with PC/PMMA diffuser covers including milky white and frosted options that effectively filter LED bead "graininess," creating the soft, uniform, and glare-free illumination essential for hotel atmospheres.

##### High Customization Capabilities

6063 aluminum offers exceptional extrudability and processability for diverse hotel lighting requirements:

Multiple surface treatments: anodizing and electrostatic powder coating

Custom colors: black, silver, gold, or white to match hotel decor

Flexible forming: cutting, bending (serpentine profiles), and stamping for curved ceilings and stair railings

#### Common Hotel Applications

**Guest Room Concealed Lighting:** Recessed or drywall profiles for ceiling installations providing secondary reflected light without visible light sources

**Wardrobe/Cabinet Lighting:** Thin surface-mounted or grooved profiles compatible with sensor activation for door-opening illumination

**Corridor/Staircase Guidance Lighting:** Durable skirting board and stair tread profiles offering nighttime guidance while protecting light strips from foot traffic

**Bathroom Mirror Lighting:** 6063 aluminum's corrosion resistance with sealed end caps ensures reliable performance in humid hotel bathroom environments

#### Key Selection Recommendations

##### Voltage Selection

For extensive hotel renovations, 24V light strips are recommended due to lower voltage drop, ensuring consistent brightness over long-distance installations.

##### Profile Thickness

High-quality 6063-T5/T6 profiles should feature sufficient wall thickness to ensure structural integrity and optimal heat conduction performance.



**SHENZHEN YSENLED LIGHTING CO.,LTD**



[lyzylight@gmail.com](mailto:lyzylight@gmail.com)



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