



Ultra-thin embedded aluminum LED profile with flange.

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: 100
- Price: Negotiable
- Packaging Details: 10*1000*20
- Delivery Time: 3DAYS
- Payment Terms: L/C,D/A,D/P,T/T,Western Union
- Supply Ability: 100,000 meters per week



Product Specification

- Highlight: **ultra-thin aluminum LED profile, embedded LED strip flange, aluminum LED profile with flange**



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Ultra-thin Embedded Aluminum LED Profile with Flange

Material & Optical Properties

PMMA Milky White Frosted

High diffusion, anti-glare properties deliver soft, uniform lighting with no visible LED dots. Ideal for main lighting in direct visual areas.

PMMA Semi-transparent Frosted

Medium light transmittance maintains brightness while providing frosted light diffusion. Perfect for decorative and background lighting applications.

PMMA Transparent (New)

Extremely high light transmittance creates fully transparent appearance with clearly visible internal LEDs. Emphasizes brightness for side-emitting light or special lens effects.

PC Transparent (New)

High light transmittance with superior toughness. Similar to PMMA transparent but offers enhanced heat resistance and impact resistance. Suitable for outdoor or commercial spaces prone to impact.

PC Milky White

Strong diffusion with high fire resistance. Comparable effect to PMMA milky white with better weather resistance and reduced yellowing. Recommended for high-power LED strips in long-term operation and engineering projects.

Core Specifications & Recommendations

Profile Thickness: 7mm ultra-thin design with minimal sheet thickness requirements

Installation Method: Recessed with Flange mounting system

Recommended LED Strip: High-density LED strips (such as COB LED strips) with 120 LEDs/meter or higher density to achieve optimal "seeing the light but not the lamp" linear effect when paired with milky white diffuser

