



LED wall panel profiles with PMMA milky white frosted diffuser, PMMA semi-transparent frosted diffuser, and PC transparent diffuser options for uniform lighting

Our Product Introduction

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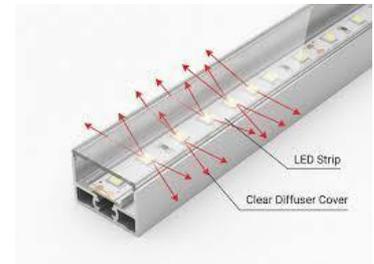
Basic Information

- Place of Origin: SHENZHEN CHINA
- Brand Name: YSENLED
- Certification: CE ROHS LVD EMS
- Model Number: YSR60X5630RA-F3
- 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



Product Specification

- Highlight: PMMA milky white frosted diffuser LED wall panel profiles
; PMMA semi-transparent frosted diffuser LED wall panel profiles
; PC transparent diffuser LED wall panel profiles



More Images



Product Description

LED Wall Panel Profile Options

Choose from five distinct LED wall panel profile diffuser options, each engineered for specific lighting requirements and installation conditions.

Available Diffuser Types

- PMMA Milky White Frosted Diffuser
- PMMA Semi-Transparent Frosted Diffuser
- PMMA Transparent Diffuser
- PC Transparent Diffuser
- PC Milky White Diffuser

Visual Performance Comparison

Opal/Milky White Diffusers

- Lighting Effect:** Maximum light diffusion with uniform linear illumination
- Performance:** Eliminates LED spot visibility completely
- Consideration:** Highest brightness reduction (50-70% light transmittance)

Semi-Clear/Frosted Diffusers

- Lighting Effect:** Balanced brightness with moderate light softening
- Performance:** Reduced spot visibility while maintaining good illumination
- Consideration:** Minimal spot effect visible upon close inspection

Clear Diffusers

- Lighting Effect:** Maximum brightness with direct light transmission
- Performance:** Over 90% light transmittance for optimal illumination
- Consideration:** LED spots remain visible; ideal for concealed installations

Material Properties Comparison

Material	Advantages	Considerations
PMMA (Acrylic)	Superior optical clarity • Long-term color stability • Excellent light transmission	Lower impact resistance • Thermal sensitivity during installation
PC (Polycarbonate)	High impact strength • Excellent durability • Superior heat resistance	Potential UV degradation over time • Quality-dependent longevity

Professional Selection Guidance

For uniform illumination in visible applications: Choose PMMA milky white or semi-transparent diffusers. For maximum brightness in concealed installations: Select transparent PMMA or PC options. Consider PC material for high-impact environments requiring superior durability.



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