

Acrylic light guide module price



AI Overview

Acrylic light guide modules typically range from \$10 to \$100 per panel, depending on size, thickness, material quality, and customization options.

Price Range and Factors

The cost of acrylic light guide modules (LGPs) varies widely based on several factors:

- Material Quality:** Optical-grade PMMA (polymethyl methacrylate) is standard for high-performance light guides, offering excellent light transmission and durability. Cast acrylic is more expensive but provides superior optical clarity compared to extruded acrylic, which is more cost-effective.
- Panel Size and Thickness:** Larger panels or thicker sheets increase material costs. Typical thickness ranges from 2–8mm, with thinner panels suitable for sleek designs and thicker panels for stability and wider viewing angles.
- Dot Patterning and Etching:** Laser-etched or printed dot patterns control light diffusion. Laser-etched patterns are more durable and precise, often increasing the price, while printed patterns are more economical but may have shorter lifespans.
- Customization:** Custom sizes, shapes, and patterns tailored to specific applications (e.g., signage, backlit displays, architectural lighting) can significantly affect pricing.
- Additional Components:** Some modules include diffusers, reflective films, or multi-layer assemblies, which add to the total cost.

Typical Pricing Examples

- Small, standard LGP panels (e.g., 200x200mm, 3mm thick) may cost around \$10–\$20 per piece.
- Medium-sized panels (e.g., 500x500mm, 4–6mm thick) typically range from \$30–\$60 per piece.
- Large or highly customized panels (e.g., 1000x500mm, laser-etched, multi-layer) can reach \$80–\$100 or more per piece.

Supplier Options

- Made-in-China and Alibaba offer wholesale and bulk pricing for various acrylic light guide modules, often with options for custom dimensions and patterns.
- Specialized suppliers like Accio and Astra Products provide high-quality optical-grade panels with precise dot patterns and technical support for commercial applications.
- KUNXIN Plastics offers tailored LGPs with laser-etched microstructures for uniform light distribution.

Article Content

acrylic light guide Price

Comparing acrylic light guide prices. You can easily wholesale quality acrylic light guide at wholesale prices on Made-in-China .

Acrylic Light Guide Plate Suppliers and Factory

Rina Technology Co., Ltd. is one of the leading manufacturers and suppliers of acrylic light guide plate in China. Welcome to wholesale durable products in

acrylic light guide

Simply browse an extensive selection of the best acrylic light guide and filter by best match or price to find one that suits you! You can also filter out items that offer free shipping, fast delivery or free return

Top supplier of Acrylic Light Guide Plate in China

Acrylic Light Guide Plate is used to transform a line light source into a surface source for LED panel light, kiosk, bulletin board, traffic signboards, etc.

Light Guides and Acrylic Plastic

Light guides are fabricated from cast acrylic materials. Cast acrylic generally has good optical clarity, good mechanical properties, and very little natural scintillation response to ionizing radiation.

acrylic light guide

Looking for a good deal on acrylic light guide? Explore a wide range of the best acrylic light guide on AliExpress to find one that suits you! Besides good quality brands, you'll also find plenty of discounts

LGP Sheets

LED Light Panel Customized Laser Dotting Transparent PMMA Acrylic LGP Sheet Light Guide Panel 2-12mm Thickness CE ROHS Certified \$58 MOQ: 1 piece Xiamen Luz Opto Electronic

Module Assembly Light guide plate Acrylic / Polycarbonate Material for ...

A Module Assembly Light Guide Plate is a precision optical component that serves as the core element within backlight modules used in liquid crystal displays, LED televisions, computer monitors, laptop

Light guide module

We supply light guide films, flexible circuits, and silicone rubber components essential for enhancing the slimness, touch sensitivity, and backlighting

Light Guide Panels

LIGHT GUIDE PANELS Pure Acrylic Illumination – No diffusers, overlays, or lenses needed! Diffusion gradients are laser etched onto the sheet - unlocking

Light Guide Plate / Light Guide film for YONGTEK CO., LTD.

Light Guide Plate Provide the total solution of LGP module for Edge-Lit fixture application. Customized optical pattern design on the LGP per different plate size, which can reach the best light guide & light

LED Light Guide Panels

Utilizing advanced V-cut or laser-etched dot matrix technology, our LGPs ensure even light distribution without dark spots or shadows. What sets our panels apart is the integration of LED light engines into

Light Guides and Acrylic Plastic

Eljen Technology offers custom light guides made from acrylic plastic. Designs include adiabatic, fishtail, or flat trapezoid light guides.

ACRYLITE® LED light guiding edge lit sheet

ACRYLITE® LED light guiding edge lit acrylic, with its innovative performance capabilities, eliminates the need to recess signage into building walls, saving

Light Guide Acrylic Sheet Suppliers and Factory

Do you want to purchase eco-friendly, energy saving and high quality light guide acrylic sheet made by professional manufacturers? With hundreds of

Custom Transparent Acrylic Light Guide Plate LED

Custom Transparent Acrylic Light Guide Plate LED Panel Light PMMA, Find Details and Price about PS Sheet and Clear Transparent PS from Shenzhen Xintao

Acrylic, Optical Grade LED Light Pipes – Mouser

Mouser offers inventory, pricing, & datasheets for Acrylic, Optical Grade LED Light Pipes.

Acrylic LGP Sheets (LED light guide Panel)

Acrylic LGP Sheets (LED light guide Panel) LGP is a transparent acrylic panel made from 100% Virgin PMMA resin, on whose bottom face a dot matrix. The

Acrylic LED Light Guide Plate LGP Sheet Custom Sizes

The transmittance of Xintao transparent cast acrylic sheets can reach more than 93%. The product has strong impact resistance, stable weather

Acrylic Sheet For Light Guide Plate, acrylic sheet light

We offer Acrylic Sheet For Light Guide Plate in a wide variety of sizes, colors, and thicknesses, and the practical applications. Contact us now to find the perfect

Acrylic Material for LED Light Guide: Durability, Transparency, and ...

Acrylic (PMMA) is widely used in LED light guide panels for its excellent transparency, weather resistance, and processability. Learn about its advantages and important usage precautions

Acrylic Light Guide Panel

MAX ILLUMINATION supplies the acrylic material (PMMA) light guide panel with or without led light. Without installing led light, you can use own aluminum profile/frame and led strip to assemble the

Acrylic Light Guides

Shop high-quality acrylic light guide sheets for efficient LED lighting. Precision cutting and durable materials for various display and signage applications.

Light guide acrylic sheet

Acrylic light guide sheet, low-priced nearly starting from \$1, ideal for LED lighting projects. Available in large volumes for wholesale.

Acrylic LED Light Guide Plate LGP for LED Panel Light

1 Introduction In the dynamic world of lighting technology, the role of High-Quality Acrylic Laser Dotted Light Guide Panels cannot be overstated. These innovative

Acrylic Light Guide Plate

A acrylic light guide plate serves as the medium for light transmission, constructed from optical-grade acrylic material. Through computer-aided design, dot patterns

Contact Us

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