

Wall Panel Lighting Module Design Price



Overview

Browse hexagon LED wall panels and recessed lighting strips. Find the perfect fit for gaming rooms and home decor.

Key Takeaways

Wall panel lighting modules vary widely in price, typically ranging from \$50 to over \$1,000 per panel depending on type, size, and customization.

LED wall panels are modular displays made of thousands of tiny LEDs, often used for dynamic visual content in commercial or event spaces. Prices depend on pixel pitch, brightness, resolution, and panel size. Standard indoor LED panels can start around \$200-\$500 per panel, while high-resolution or large-format panels for professional installations can exceed \$1,000 per panel. Factors such as brand, control system, and installation complexity also affect cost .

Backlit Decorative Panels

Luxury backlit panels, such as onyx-look or polycarbonate panels, are designed for architectural aesthetics and soft, diffused lighting. These panels are custom-made to measure, including cut-outs, shapes, and vein direction, and are supplied ready for installation. Prices typically range from \$150 to \$600 per square foot, depending on material quality, LED integration, and customization level. Lead times are usually 20-40 working days after design confirmation .

Modular Smart LED Panels



Smart modular panels, like hexagon or geometric LED units, are designed for creative layouts and interactive lighting. These panels often include app control, music sync, and color-changing features. Consumer-grade panels can cost \$50-\$150 per unit, while commercial-grade or high-brightness modules may cost \$300-\$700 per unit. Additional costs may include power supplies, mounting hardware, and control systems .

Factors Affecting Price

- Panel Size and Resolution – Larger panels or higher pixel density increase cost.
- Material and Finish – Premium materials like polycarbonate or onyx-look acrylic are more expensive.
- Lighting Technology – RGB LEDs, SMD LEDs, or integrated backlighting systems affect pricing.
- Customization – Custom shapes, cut-outs, and layouts add to cost.
- Installation and Control Systems – Professional installation, controllers, and software integration can significantly increase total project cost. In summary, wall panel lighting module prices vary widely based on type, size, and features. For a standard residential or decorative setup, expect \$50-\$600 per panel, while professional LED video walls or fully customized architectural panels can exceed \$1,000 per unit.

Article Content

Amazon : Led Light Wall Panels

Browse hexagon LED wall panels and recessed lighting strips. Find the perfect fit for gaming rooms and home decor.

LED Wall Panel Selection- Choose Pixel Pitch,

LED wall panels for events, retail, churches, and control rooms. Compare seamless splicing, pixel pitches,

Cost to Design And Install Lighting Control System

See typical tasks and time to design and install lighting control system, along with per unit

LED Panel Design Latest Price Trends 2025

Innovations in driver efficiency, thermal management, and materials contribute to lower production costs and enhanced

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LED panel lights An LED panel light makes it easy to brighten up any space. Most wall light panels can also be ceiling-mounted for

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Custom LED Light Panel

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Backlit Wall Panel; Luxury Translucent Onyx-Look Feature Wall;

Perfect for feature walls and backlighting in reception areas, spa lounges, or exclusive living spaces, this onyx model is fully

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Lighting Control Panel Price Guide: Typical Costs, Ranges, and

The price for a basic panel often sits in the low thousands, while high-end systems with networked control and

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