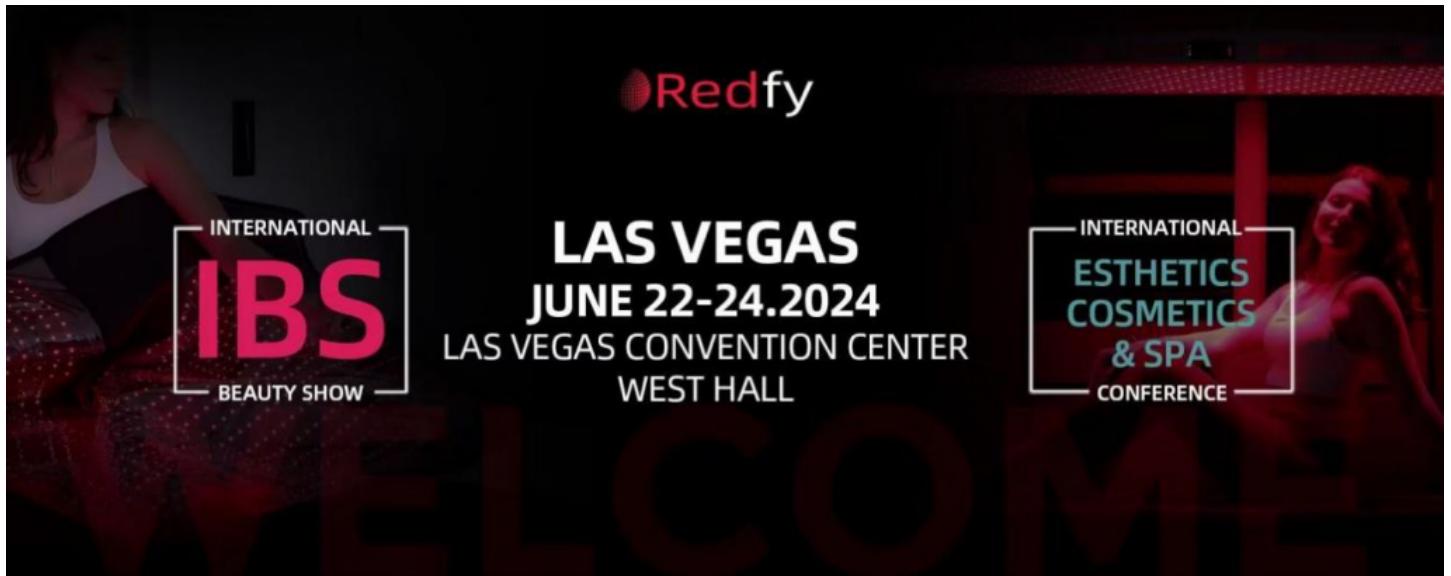


Redfy at IECSC Las Vegas: Connecting Global Buyers with a China Red Light Therapy OEM Manufacturer



Shenzhen, Guangdong Oct 23, 2026 ([Issuewire.com](https://www.issuewire.com)) - Wellness brands, Fitness recovery brands, Beauty brands, Distributors, OEM buyers walking through the exhibition halls of the International Esthetics, Cosmetics & SPA Conference (IECSC) in Las Vegas quickly notice a clear trend: client demand for non-invasive skin rejuvenation and systemic recovery solutions is surging across North America. To meet this rising operational need, sourcing directly from Redfy, the red light therapy brand of Sunplus LED Technology Co., Ltd., allows commercial buyers to access China-based OEM manufacturing capabilities combining optical engineering, product customization, and scalable production. Photobiomodulation technology has expanded from specialized professional environments into broader wellness, beauty, and recovery applications. At IECSC Las Vegas, industry buyers explore how engineering precision, custom targeted spectrums, and verified safety certifications come together in modern light therapy device manufacturing.

IECSC Las Vegas as a Key Destination for Professional Spa and Clinical Sourcing

IECSC Las Vegas stands as one of the premier gatherings for the spa, wellness, and medical aesthetics sectors in North America. Each year, thousands of facility directors, licensed estheticians, dermatologists, and regional distributors converge at the venue to evaluate upcoming product lines, establish direct supply agreements, and test advanced equipment in person. Navigating the commercial wellness landscape requires business leaders to secure partners capable of delivering consistent hardware performance, full regulatory documentation, and dependable long-term technical support.

For professional buyers attending the show, identifying a direct-from-factory manufacturing partner is a pivotal step toward building sustainable business margins. Operating as Sunplus Led Technology Co., Ltd., the company brings over 17 years of specialized expertise in LED photobiomodulation research and production directly to the exhibition floor. Establishing direct connections at events like IECSC Las Vegas enables commercial decision-makers to bypass intermediate distribution markups while maintaining strict control over product specifications, safety compliance standards, and custom

branding requirements.

On-Site Manufacturing Power and Interactive Product Demonstrations at West Hall

Inside the bustling West Hall exhibition space, visitors can examine a comprehensive collection of advanced light therapy device solutions firsthand. Rather than relying solely on catalog specifications, attendees at the booth witness live operational demonstrations of targeted light panels, wearable flexible wraps, full-body light therapy blankets, and ergonomic treatment pods. These interactive displays highlight key physical details, including precise LED spacing, heat dissipation structures, heavy-duty casing durability, and intuitive digital control interfaces.

The physical presence of Sunplus Led Technology Co., Ltd. at the exhibition gives buyers a clear view into the operational scale behind the equipment. Manufacturing from an expansive 8,000 m² modern manufacturing facility in Shenzhen, China, Redfy maintains an impressive monthly output capacity with scalable production capacity supporting high-volume OEM programs. Supported by over 150 dedicated employees and a specialized engineering team of more than 30 technical professionals, the facility integrates automated assembly lines with rigorous quality control testing. Redfy also works with third-party testing and verification organizations, including Intertek, to support product quality validation and international market requirements. Seeing these devices in action allows prospective partners to evaluate essential structural components, measuring tactile build quality, spectral output consistency, and low electromagnetic field emissions before making purchasing commitments.

Bridging Science and Practice Through Technical Dialogue on Photobiomodulation

Throughout the event, technical specialists engage in detailed conversations with clinical practitioners, spa chain operators, and private-label brand founders regarding photobiomodulation science. Discussions focus heavily on optical wavelength precision, particularly the targeted application of 660 nm red light and 850 nm near-infrared light. While red light wavelengths interact primarily with surface dermal layers to stimulate collagen synthesis and refine skin tone, near-infrared wavelengths penetrate deeper into subdermal tissue layers to mitigate localized inflammation, support deep cellular energy production, and ease post-treatment muscle soreness.

Redfy focuses on precise wavelength engineering, including commonly used configurations such as 660nm red light and 850nm near-infrared light. These wavelength options can be customized according to different product specifications, market positioning, and customer requirements.

Through optical design optimization and multi-channel control systems, Redfy helps brands develop differentiated red light therapy products for wellness, beauty, recovery, and professional applications.

By discussing real-world treatment protocols, energy density calculations, and session safety controls, technical staff help buyers understand how specific hardware attributes influence treatment outcomes. These educational dialogues allow operators to design customized treatment menus tailored to diverse client demographics, backed by practical evidence and precise equipment calibration.

Streamlining Customization and Global Partnership Decisions

Navigating global supply networks can present operational hurdles for wellness brands seeking tailor-made hardware solutions. To address these needs, Sunplus Led Technology Co., Ltd. provides clear, on-site OEM and ODM consultation services designed to simplify product customization. Brand representatives can review modular design choices, discuss custom housing finishes, select

personalized light chip ratios, and explore localized software interfaces directly with the development team.

- **Initial Concept and Engineering Review:** Defining specific wavelength ratios, enclosure dimensions, and targeted irradiance parameters.
- **Rapid Prototyping and Testing:** Fabricating functional samples to evaluate structural balance, thermal management, and optical power output.
- **Compliance and Certification Validation:** Verifying adherence to global safety and electrical regulations including CE, RoHS, and FCC standards.
- **Scaled Mass Production:** Executing automated assembly and rigorous multi-stage quality inspections to ensure batch-to-batch consistency.

Providing immediate access to full regulatory compliance documents, electrical safety certifications, and functional prototype samples helps shorten procurement timelines significantly. By receiving expert guidance on minimum order quantities, private-label packaging options, and drop-shipping logistics right on the show floor, regional brands can move from initial project scoping to commercial distribution with complete clarity and confidence.

Why Global Brands Visit Redfy at Industry Events

- Evaluate manufacturing capability
- Discuss OEM projects
- Review customization options
- Understand product engineering
- Build long-term supply partnerships

Connecting Global Buyers with Direct Factory Manufacturing Capabilities

Participating in professional trade shows like IECSC Las Vegas reinforces the importance of direct collaboration between commercial equipment buyers and experienced original equipment manufacturers. Working with Redfy, a China-based red light therapy OEM manufacturer, gives global brands access to product engineering, customization, and scalable manufacturing capabilities. By combining automated production lines, strong in-house research capabilities, and flexible private-label support, the factory delivers consistent equipment quality to partners across more than 108 countries worldwide. Wellness operators and brand managers looking to develop custom red light therapy hardware or integrate reliable light therapy device systems into their facilities can request tailored project consultations, engineering specifications, and wholesale pricing details by contacting Sunplus Led Technology Co., Ltd. via the official online platform at <https://www.redfycare.com/>



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