

In the move towards a green, intelligent, and low-carbon era, the traditional LED screen is gradually ushering in challenges. High energy consumption, high occupancy, and complex installations are problems and constraints that innovate the development of the commercial display industry. However, a new display revolution has quietly unfolded. Ultra- Thin and Transparent Applied LED Film is Redefining the Display "Screen"

SFB Transparent LED Film - extremely thin and light, flexible and transparent, low energy consumption and environmental protection, so that the existing glass is the screen, the space is the canvas, can be attached, free hanging, or flying, to meet a variety of innovative scenarios. It is changing the way LED displays are viewed in global architecture, commerce, culture, tourism, and smart cities!

The global display market is undergoing a structural transformation. Due to high energy consumption, high land occupation and non-recyclability, it is difficult for traditional LED screens to match the goals of green building and carbon neutrality. Micro LED and other technologies have brought innovation but still have not solved the core contradiction between space adaptability and energy efficiency.

Data shows that 30% of the energy consumption of commercial advertising comes from the display screen equipment used, the installation of traditional LED screens also needs building structure. The birth of Ultra-Thin Transparent LED Film is for these reasons and its film form without the need to transform the building, the direct use of existing glass, to achieve energy efficiency is 1/4 of the traditional LED, and even supports the self-power generation mode, the real realization of the "zero carbon era! Zero Carbon Displays!".

The core breakthrough of LED Film is the innovative technology of "more flexible, thinner and more transparent". With a thickness of less than 2mm, the transparent led film can be bent, cut and adapted to curved or odd shaped glass. With mfg self-developed chip and control IC technology, it achieves industry-leading high display precision, turning subway windows into information screens and shopping mall windows and railings into interactive advertisements, building facades into amazing and transparent "Architectural Glass Media™" Its ultra-low heating characteristics combined with solar self-generation technology, so that the glass curtain wall of skyscrapers during the day generate electricity, night time is for amazing LED Media, reinterpretation of the relationship between architecture – glass – media and energy! www.architecturalglassmedia.com