

Microlite USTS

100" - 120"



The Microlite USTS is a revolutionary ultra short throw screen offering a space saving design that is ideal for classrooms, conference rooms, and boardrooms when the projector is placed above the screen. For residential and home entertainment applications the projector is placed on a low table below the screen, and for an ultra clean installation the projector can be installed into a custom credenza.

ULTRA SHORT THROW SCREEN

Optimized for ultra-short-throw-projectors, the USTS provides outstanding visual performance, and wide viewing angle due to a sophisticated 11-layer, optical lens. When matched with a touch equipped, short throw projector, the USTS is ready for interactive touchscreen applications with an electronic stylus pen.. What really sets it apart from all other short throw screens and white boards is its best-in-class, high-contrast image quality.

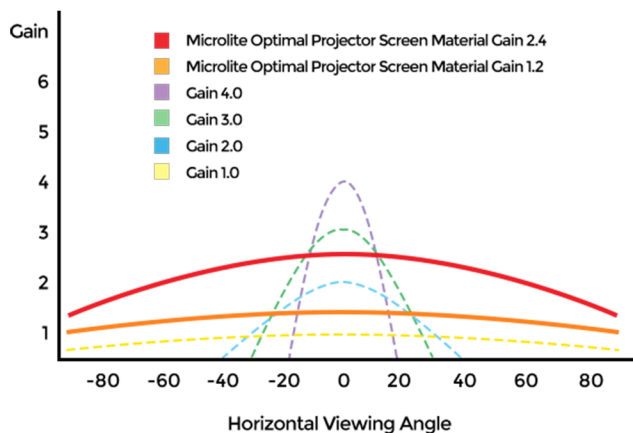
Microlite optical projection screens offer the most advanced optical technology in the industry. No other optical film can offer the image quality, expanded viewing angle, or light rejection capability of Microlite screens. Unlike other optical manufacturers, Microlite's patented optical technology consists of 11-layers of a sophisticated optical microstructure film to achieve an ultra-wide viewing angle that allows viewers to see high contrast images even in extreme ambient lighting environments. This process also insures film consistency and eliminates horizontal banding, and other optical anomalies that plague other optical manufacturers. Thanks to these unique high-gain optical lens structures, Microlite screens can transform images from any projector into the finest detailed images that you will ever see on projection screens.

Available in 100" 16:9 and 120" 16:9, the USTS is optimized for 126% offset projection. The optimal lens throw ratio is 0.23:1 for 16:9 projectors.

FEATURES

- ▶ Compatible with interactive touch screen applications
- ▶ Best in class performance with ultra wide viewing angles
- ▶ Space saving design with minimal screen depth
- ▶ Great value when compared to flat panels
- ▶ Works with any ultra short throw projector
- ▶ Surface can be cleaned with any household cleaning agent

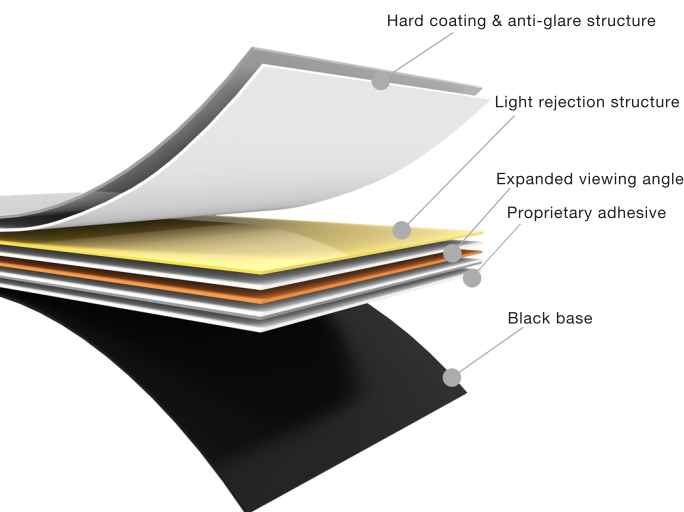
Microlite Fixed Series Optical Film Technology



HIGH GAIN

Until now, all screen manufacturers has been struggling with high gain film, because it exhibits a very narrow horizontal viewing angle. Move 20-degrees off the center viewing position and the image will simply fall off and become unwatchable. Microlite has solved the viewing limitation associated high gain film by developing a Patented optical technology that provides extremely wide horizontal viewing angles, while maintaining high-contrast image quality.

Microlite optical projection screens consist of a sophisticated microstructure with eleven-layers of optical film to achieve an ultra-wide viewing angle that allows viewers to see vivid, high contrast images even in high ambient light settings. Thanks to these unique optical layers, Microlite screens can transform images from any projector into the finest detailed images that you will ever see on projection screens. Microlite screens have a US Patent for new innovation and design. Thanks to our optical engineers, Microlite screens have the finest optical resolution of 5um by industry standards. This means that Microlite can handle the highest resolution available today and in the future.



FRONT PROJECTION

- ▶ Microlite optical screens are made up of eleven high-tech optical layers that actively ensure an outstanding viewing experience.
- ▶ Hard surface coating for scratch resistance
- ▶ Microstructure layer to reduce ambient light impact and glare
- ▶ Microstructure layer to expand viewing angles
- ▶ Microstructure layer to reflect image for truer color and greater depth field reproduction
- ▶ Diffusion layer resulting in high gain while still maintaining a revolutionary half-gain angle of up to ± 80 degrees

