

Fscreen FK Series

(Fixed Frame Screen)



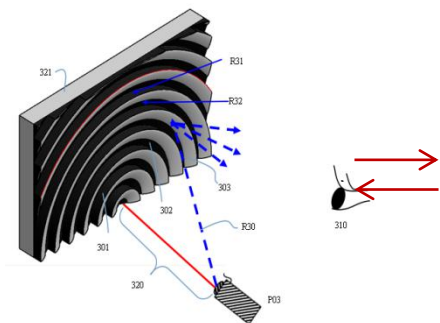
Retain maximum advantage of the boost contrast and enhance image quality in the challenging user bright environment, The Fixed Frame screen is a new product launched by Fscreen in 2022. It is light and convenient, easy to install, and suitable for various application scenarios. It is the first choice for users who enjoy DIY;

Optical Screen

Optical screen is a projection screen with a variety of fine optical structures; These light path structures can adjust the path of light, with the effect of improving the brightness of the picture, resisting ambient light, restoring true color, and improving the contrast of the picture;

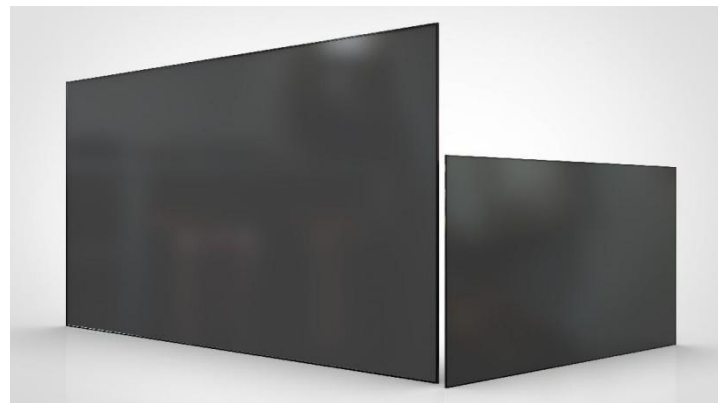
Fresnel Screen

Fresnel screen is a kind of optical screen, it will form an arc protective cover to resist the interference of ambient light from above (lamplight) and from left& right (window light) on the projected image. Using this unique screen will bring the wonderful experience in bright environment!



Advantages

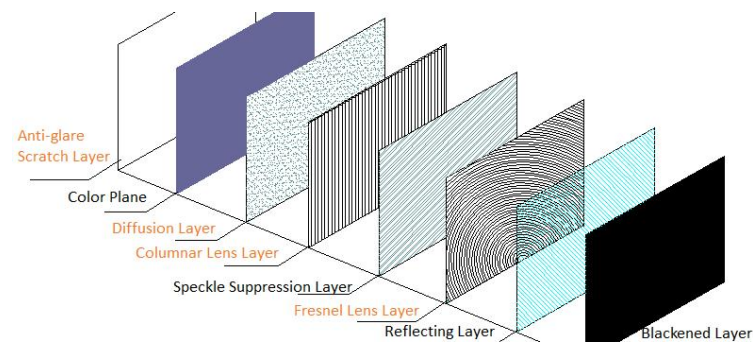
- > Unique optical Fresnel screen technologies
- > Best-in-class performance with traditional projector screen
- > Fixed Frame installation design,
- > Easy to clean as anti-glare scratch layer
- > Compact, space-saving package
- > Unrivalled front projection image-contrast
- > Great large size flat screen display
- > Protect eyes
- > Screen sizes up to 120" in 16:9
- > RoHS Certification
- > Compatible with a wide range of UST projectors;



Fixed Frame Fresnel Screen

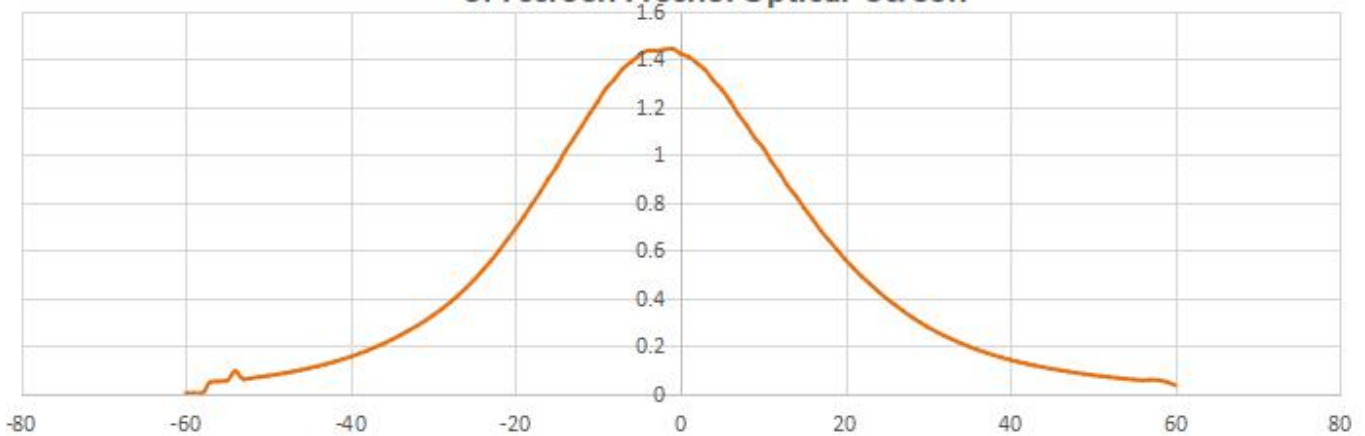
General Details

Type	FK Series (Fixed Frame Screen)
Peak Gain	1.35
Horizontal Half-Gain Angle	18°
ALR(Ambient Light Resistance) Rate	85%
Screen Thickness	18mm
Material	PET
Color	Dark Grey
Contrast	150:1 (Bright Room)
Working Temperature	-10°C-40°C
Working Humidity	30%-70% RH

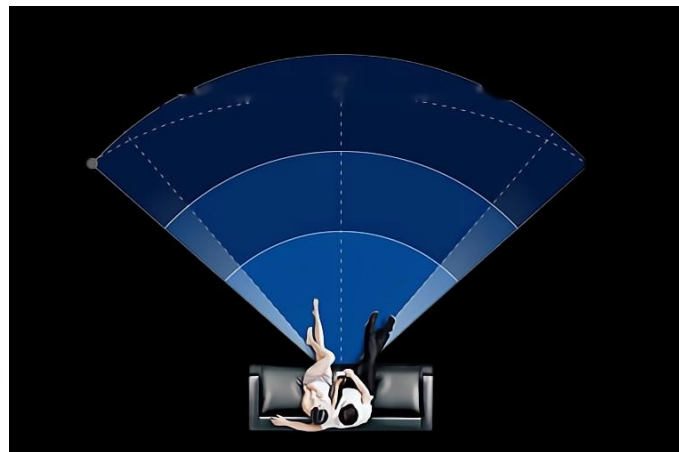
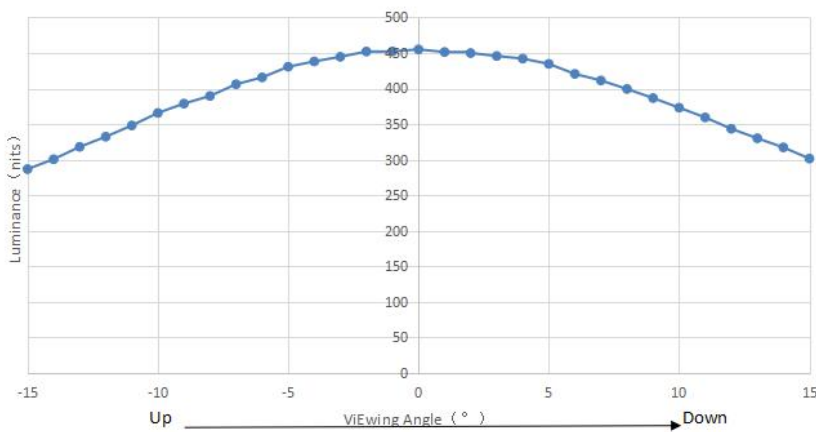


8 Layers Optical Structure

**Horizontal Viewing Angle
of Fscreen Fresnel Optical Screen**



**Vertical Viewing Angle
of Fscreen Fresnel Optical Screen**



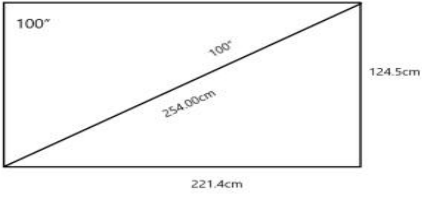
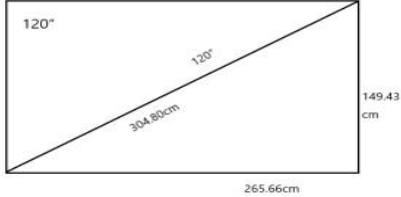

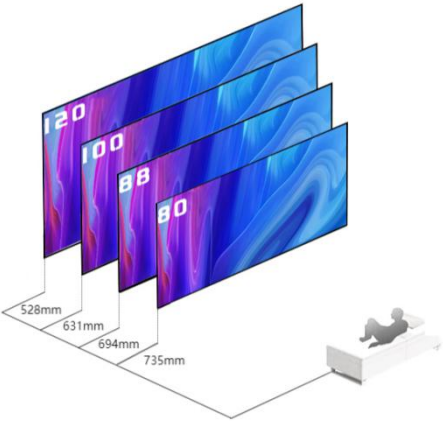
Standard Viewing Angles

Based on circular Fresnel technology, the Fscreen screen optimizes the image for standard viewing angles, meaning that people who are seated in front of the screen, quite close to the centre, can enjoy the best possible image quality. This model can be used with the projector mounted either below or above that screen and is available up to 120 inch in 16:9.

Product Details

Fscreen **Optical Projection Screen for UST Projector**

Up to 120"

Product Number		Fscreen FK Series- Fixed Frame Screen	
Frame Width		8.5mm	
Frame Color		Black	
Screen Size	100 Inch		120 Inch
			
Image Area		2214*1245mm	2657*1494mm
Screen Size (Including Frame)		2236×1267×24mm	2686×1523×24mm
Shipping Dimension		2330×334×334cm	2773×336×336mm
			
Weight	Gross Weight	25.40KG	40.00KG
	Net Weight	15.00KG	21.00KG
Support Projector Lens Throw Ratio		Between 1.0-1.39	
Optimal Projector Installation Height	100 Inch		120 Inch
	631mm		528mm
			

Fscreen **Optical Projection Screen for UST Projector**

Up to 120"

Application Suitability

Home Entertainment-Bright Room	★★★★★
Conference Room	★★★★★
TV Studio	★★★★★
Control Room	★★★★★
Stock Exchange	★★★★
Education	★★★
Auditorium	★★★

- > Fresnel Structure
- > Standard Viewing
- > Fixed Frame Installation
- > Compact Size



Application Scenarios

