

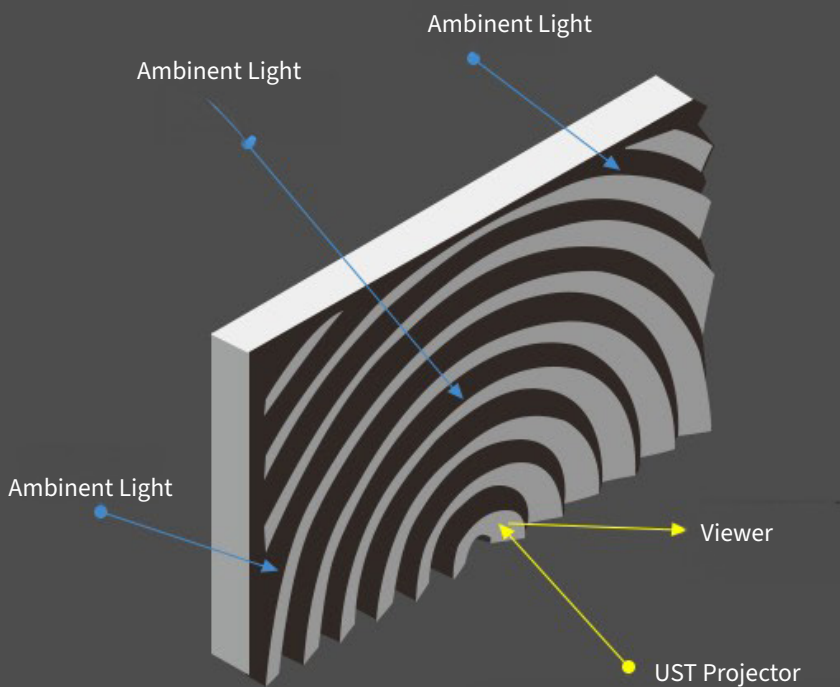
FIXED FRAME FLEXIBLE FRESNEL ALR SCREEN

100"/120"



FRESNEL SCREEN

The Fresnel screen comes with a semi-circular optical structure. The screen is only receptive to the projection light from the bottom while rejecting ambient light from all other three directions to deliver a bright and vivid image.



Side-View of the
Fresnel Structure



COMPARISON WITH OTHER SCREENS

FRESNEL/BLACK GRID/MATTE WHITE

Matte white is the most common and the cheapest screen option. It does not offer ALR features; the image is always washed out under ambient light.

A black grid ALR screen is a good choice for a dark/dimmed room with enhanced image contrast and colour gamut.

Fresnel screen offers the best possible ambient light rejecting result with high image contrast and vivid colour.



FRESNEL VS BLACK GRID

When compared with the black grid screen, the fresnel screen offers a much better ALR result because the black grid screen only blocks ambient light cast from the top while the fresnel screen can also block the ambient light from both sides.

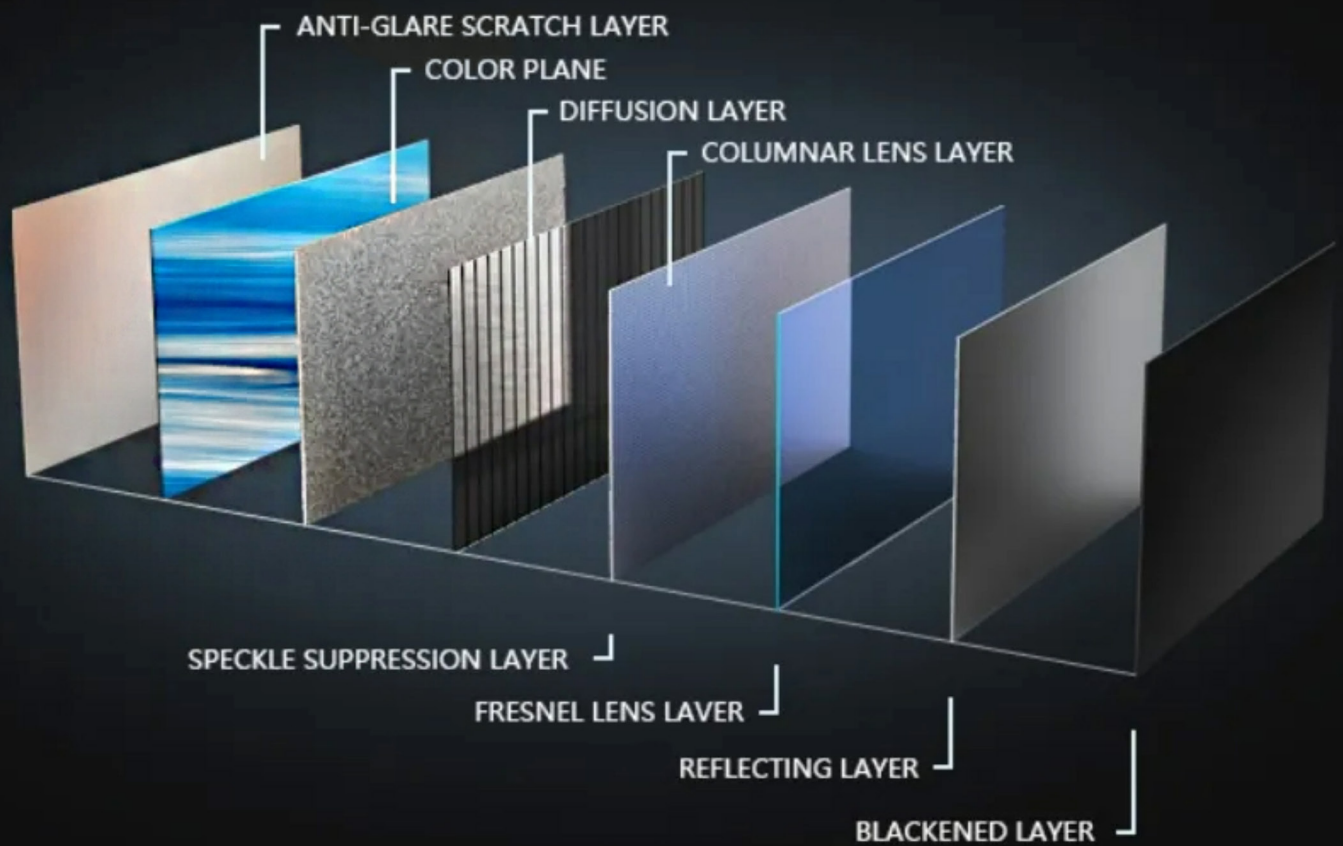


Bright Room



Dark Room

8 LAYERS



Maxlight Fresnel Screen consists of 8 functional layers to ensure an even, glare-free image is always displayed regardless of the ambient light conditions



160°

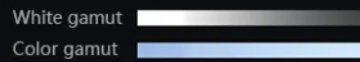


SUPER-WIDE VIEWING ANGLE



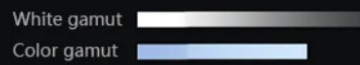
Fresnel Screen

100% color ratio



Others Screen

70%-80% color ratio



TRUE COLOUR WITHOUT GRAYING

By eliminating the ambient light interference, the FR screen reveals 100% of the colour gamut your projector can deliver.

Optimised for up to 8K resolution and 3D images, the FR screen is ideal for a modern home cinema.

11MM
SUPER-SLIM FRAME

FR Fresnel Screen's super-slim frame comes in an impressive 11mm thickness to deliver the most immersive viewing experience possible.



FRAME STRUCTURE

Grade-A aluminium Frame

Lightweight but strong and durable



Dual Supporting Bar

The reinforced dual supporting bar design leaves no space for structure distortion.



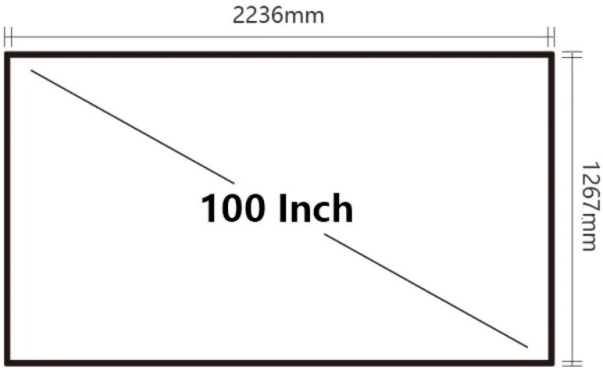
Metal Spring Clasp

The metal spring clasp ensures the screen is perfectly flat which is essential for UST projection.

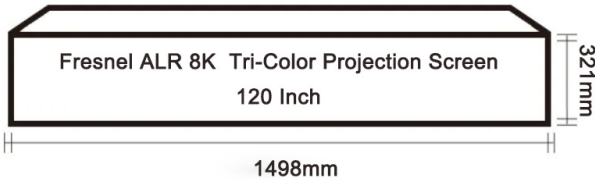


SCREEN SIZE

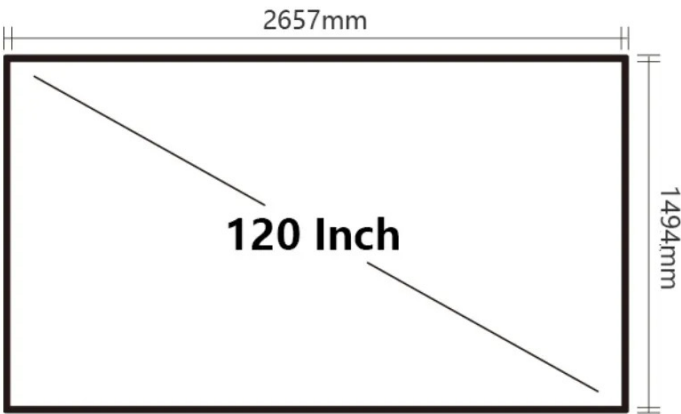
Screen size



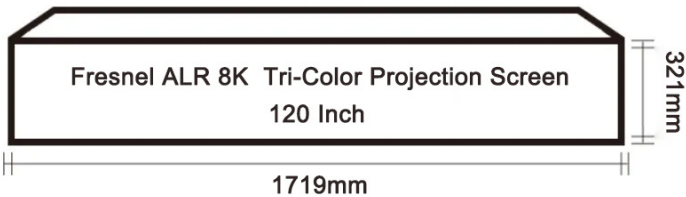
Shipping Dimension



Screen size



Shipping Dimension



MAXLIGHT
FR SERIES
FRESNEL SCREEN
SPECIFICATIONS

SKU	FR100	FR120
Size	100"	120"
Screen Gain	1.3	1.3
Viewing Angle	160°	160°
Ambinent Light Rejecting Ratio	0.85	0.85
Projection Size	2214*1245mm	2657*1494mm
Frame Thickness	11mm	11mm
Overall Screen Size	2236*1267*24mm	2681*1518*37mm
Package Size	1499*329*321mm	1718*329*321mm
Net Weight (kg)	15	18
Gross Weight (kg)	25	33
Wall Load Capacity Requirement	>40kg	>40kg

