



## **ANTI - LIGHT REJECTION SCREEN FOR ULTRA SHORT THROW PROJECTOR**

### **Materials:**

Fresnel | Lenticular [ T-Prism | Pet Crystal CBSP ]

### **Screen Types:**

- Motorised Wall Tab Tension Screen •
- Motorised Floor Rising Screen •
- Motorised In-Ceiling Screen •
- Fixed Frame Screen •

### **About OmniSCREEN:**

OmniSCREEN breaks the mold when it comes to projector screen manufacturing. Constantly on the cutting edge of screen technology and innovation, we strive to raise the bar when it comes to projector screen design.

Our future-focused vision stems from our past. We previously owned a nationally recognized home electronics integration company. During this period, we designed and installed thousands of home theaters and audio systems. Needless to say, we gained valuable knowledge in what consumers expect and need from a projector screen.

Backed by that knowledge and experience, we founded OmniSCREEN to design and manufacture a full line of premium custom projector screens. We go to great lengths to make sure that we offer screens that blend into the room's decor while still delivering an unforgettable, life-like vision. Whether it's a big visual presentation during an event or simply relaxing on the couch enjoying your favorite Netflix, OmniSCREEN will enhance your visual experience like no other screen can.

OmniSCREEN projector screens are constructed with materials proven to perform. This includes the right mixture of fabric that suits and accommodates different environments. Every screen type is built to match the UST projectors and then tested to make sure it delivers to pure perfection. For our projector screens, we assemble the fabrics with a high-grade structure that mounts into your wall or ceiling – blending well. This ensures a long-lasting, elegant look as well as guarantees precise visual reproduction.

OmniSCREEN, your innovative visual partner.

## How to select a good screen for Ultra Short Throw (UST) projectors?

The nature of the UST projector is unique as the light source is angled from the bottom of the screen. Thus, there are only specific types of fabrics/materials suitable for UST usage.

OmniSCREEN Fabrics/Materials for UST:

- Fresnel
- Lenticular
  - o CBSP Pet Crystal
  - o T-Prism

Fresnel screens are well suited for the environment with lights from the top, and natural daylight from windows from left or right.

Lenticular screens are constructed with horizontal lines from left to right, and it blocks the light from the top, and focus the vision to the audience's eyes. This is well suited for most homes, especially the home theatre setup.

With our rigorous research, different fabrics offer different specifications to cater to different needs and environments. Generally, screens with lower gain offer a better contrast, which translates to true-life natural colours.

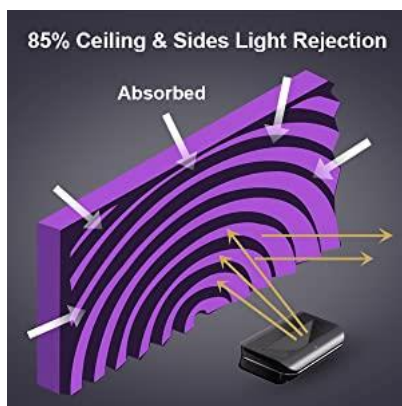
With the right fabric, next, is to select the type of screen structures. For each type of material, we offer:

- Fixed screen
- Motorised drop-down screen for wall
- Motorised drop-down screen for in-ceiling
- Motorised floor-rising screen

We offer a range of flexible structures to blend well with your interior design.

With OmniSCREEN, screen selection is just **3 Easy Steps**:

1. Preferred Screen Size
2. Select the type of fabric/material
3. Select the type of structure

**Fresnel ALR Fabric for UST Projector****80% IMAGE QUALITY IMPROVEMENT**

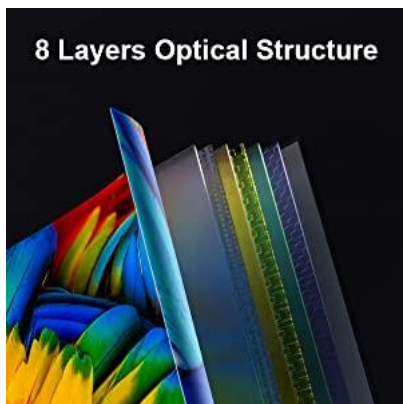
With Fresnel Lens Technology, the screen can absorb 85% of overhead and sides ambient light, direct the incident light towards the audience to increase image quality and contrast.



With 1.1dB Peak Gain, our D100 Day Light Screen is with 50% higher contrast than similar ALR Fresnel screens, making the colour more vivid under strong ambient light.



## Fresnel ALR Fabric for UST Projector



Equipped with roll-able 8 Layers Optical Structure, the Day Light Screen can filter out 85% ambient light, avoid back light impact and enhance the colour display for superior picture quality.



110° wide viewing angle ensures that you and your family can see clearly in most angle in your living room.

### Why Fresnel Screen?

Fresnel screen can obviously improve your viewing experience of a UST laser projector. Its Fresnel lens structure and 8 Layers Optical Structure filters enhances brightness and contrast while countering the washout effect of ambient light. It is perfect for living room in bright light environment.

Gain	Viewing Angle	Resolution Compatibility	Reflection Rate	Contrast	3D Effect	Acuteness	Color Reproduction	Resistance	Mildew Proof	Clean	Weather Ability	Restorability
1.2	110	8K+	93%	20000:1	Good	50	96.5%	M1	Yes	B	-10°C-60°C	Not

#### Available Products



**CBSP Pet Crystal ALR Fabric for UST Projector**

**80% IMAGE QUALITY IMPROVEMENT**



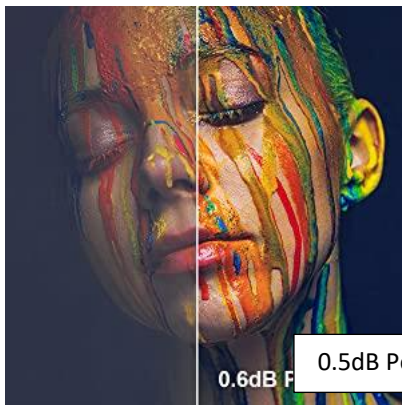
**95% Ceiling Light Rejection**

The Ceiling Light Rejecting material absorbs 95% of overhead lighting. Micro-serriform optical structure on the surface filters out ceiling light for superior picture quality.

## CBSP Pet Crystal ALR Fabric for UST Projector

### Wide Viewing Angle

With a 170° ultra wide viewing angle, you can enjoy bright, vivid and clear images of your best movies, presentations, and photos, no matter where you are in the room.



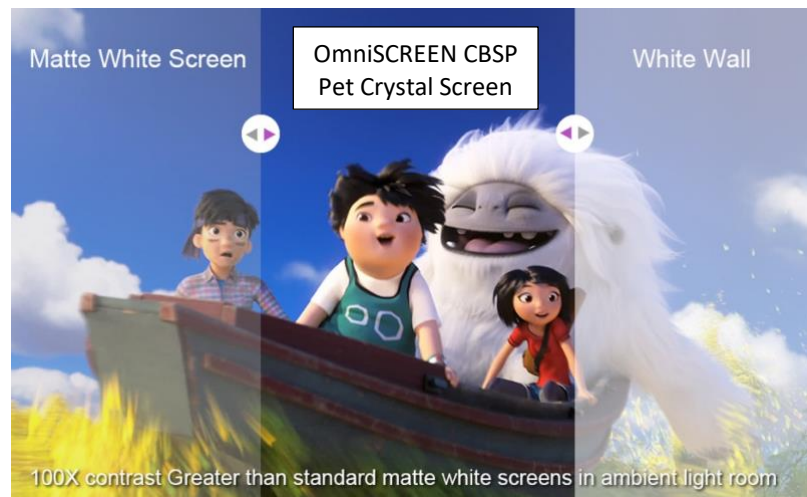
### 0.5dB Gain - Maximise The Contrast

An ordinary matte white screen has no ambient light rejecting properties and will uniformly diffuse light in all directions. OmniSCREEN ALR screen with 0.5 dB peak gain, ideal for UST projection in order to prevent hot-spots, ambient light and provide deep, dark black levels, enhanced picture contrast in a theater-grade image.

0.6dB F 0.5dB Peak Gain

### 80% Image Quality Improve

OmniSCREEN CBSP Pet Crystal screen uses the latest optimized lenticular material for supreme contrast performance, that non other lenticular material screen available can match. The image quality improved by 80%. It is simply supreme performance.



**CBSP Pet Crystal ALR Fabric for UST Projector**

**WHY CBSP Pet Crystal Screen?**

OmniSCREEN CBSP Pet Crystal Screen obviously improve your viewing experience of a UST laser projector. Its highly reflective projection surface enhances brightness and contrast while countering the washout effect of ambient light. It is perfect for rooms with ambient light such as ceiling lamp or spotlight.

												
Gain	Viewing Angle	Resolution Compatibility	Reflection Rate	Contrast	3D Effect	Acuteness	Color Reproduction	Resistance	Mildew Proof	Clean	Weather Ability	Restorability
0.5	170	8K+	97%	20000:1	Good	50	96.5%	M1	Yes	B	-10°C-60°C	Not

**Available Products**



Motorized Tubo-Tensioned Screen



Motorized Ceiling-Recessed Screen



Self-Rising Screen

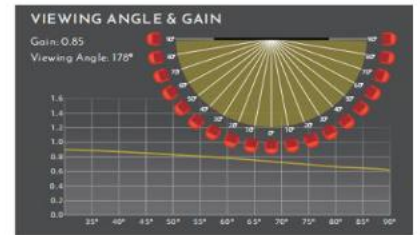
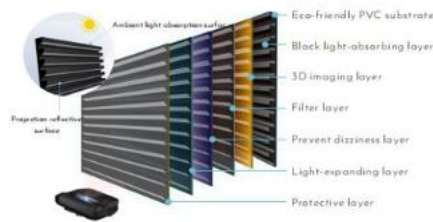


7MM Frames Screen



## ALR Fabric for UST Projector-SP

Roll width: 1900mm (75")

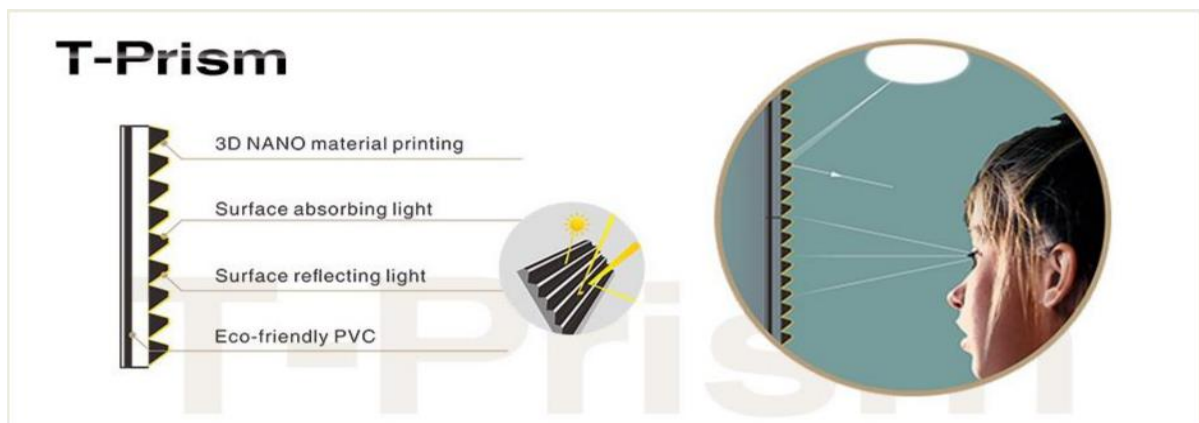
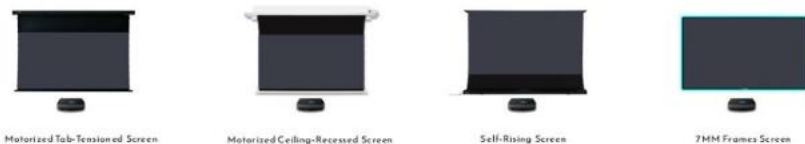


OmniSCREEN T-Prism is an anti-light feature material, using a special trapezoidal optical physical structure, automatically separates the natural light and ultra-short-focus projector light, and absorbs ambient light on the light-absorbing surface by about 86% to achieve the ambient light rejection function. Using the multi-layer directional coating technology of the reflective surface, the projection screen contrast, colour reproduction, gain ratio, and angle of view are optimally combined, and nearly 85% of the projector's light is reflected by the human eye so that the viewer can view it under natural light.

The ultimate effect in day or night, bright or dark environment, it still presents 4K Ultra HD quality.


Gain	Viewing Angle	Resolution Compatibility	Reflection Rate	Contrast	3D Effect	Acuteness	Color Reproduction	Resistance	Mildew Proof	Clean	Weather Ability	Restorability
0.85	178°	8K+	93%	20000:1	Good	50	96.5%	M1	Yes	B	-10°C-60°C	Not

### Available Products

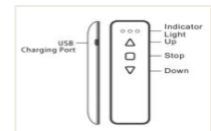


## [WALL Series]

### Motorized Wall Tab Tension ALR Screen for Ultra Short Throw Projector


PRODUCT	FORMAT	DIAGONAL	VIEWING	TOP BLACK	AVAILABLE MATERIAL	
		SIZE	DIMENSION	BORDER		
	16:9	inch	mm	mm	T-Prism	Pet Crystal CBSP
		100"	2214 x 1245	400	•	•
		120"	2657 x 1494	400	•	•
		135"	2984 x 1688	400	•	
		150"	3320 x 1868	400	•	

- Motorised wall tab tension ALR front projection material screen, matched well with ultra short throw projector
- Synchronised Trigger with Projector Included
- Wide-viewing angle, accommodates to all sitting positions
- Low noise motor with multiple control options
- Powder-coated aluminium housing
- Unique sliding mount for fast and easy installation
- Internal Radio Frequency receivers remotes included
- Compatible with the 3rd arty control systems

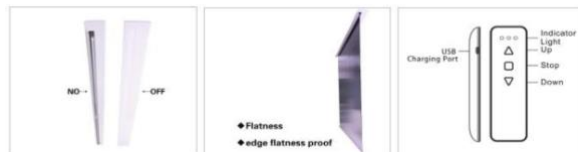


OPTIONAL COLOR:  BLACK  WHITE


## [IN-CEILING Series] Motorized In-Ceiling Tab Tension ALR Screen for Ultra Short Throw Projector

PRODUCT	FORMAT	DIAGONAL SIZE	VIEWING DIMENSION	TOP BLACK BORDER	AVAILABLE MATERIAL	
					T-Prism	Pet Crystal CBSP
	16:9	inch	mm	mm		
		100"	2214 x 1245	400	•	•
		120"	2657 x 1494	400	•	•
		135"	2984 x 1688	400	•	
		150"	3320 x 1868	400	•	

- Motorised In-Ceiling tab tension ALR front projection material screen, matched well with ultra short throw projector
- Synchronised Trigger with Projector Included
- Wide-viewing angle, accommodates to all sitting positions
- Low noise motor with multiple control options
- Powder-coated aluminium housing
- Unique sliding mount for fast and easy installation
- Internal Radio Frequency receivers remotes included
- Compatible with the 3rd party control system



## [FLOOR RISING Series] Motorized Floor Rising Tab Tension ALR Screen for Ultra Short Throw Projector

PRODUCT	FORMAT	DIAGONAL SIZE	VIEWING DIMENSION	TOP BLACK BORDER	BOTTOM BLACK BORDER	AVAILABLE MATERIAL	
	16:9	inch	mm	mm	mm	T-Prism	Pet Crystal CBSP
		100"	2214 x 1245	50	305	•	•
		120"	2657 x 1494	50	305	•	•
		135"	2984 x 1688	50	305	•	
		150"	3320 x 1868	50	305	•	


- Motorised Floor Rising tab tension ALR front projection material screen, matched well with ultra short throw projector
- Synchronised Trigger with Projector Included
- Wide-viewing angle, accommodates to all sitting positions
- Low noise motor with multiple control options
- Powder-coated aluminium housing
- Unique sliding mount for fast and easy installation
- Internal Radio Frequency receivers remotes included
- Compatible with the 3rd party control system
- Easy portability for events





## [FIXED SCREEN Series]

### ALR Narrow Edge Frame Screen for Ultra Short Throw Projector

PRODUCT	FORMAT	DIAGONAL	VIEWING	OUTER FRAME	AVAILABLE MATERIAL		
		SIZE	DIMENSION	THICKNESS	Fresnel	T-Prism	Pet Crystal CBSP
	16:9	inch	mm	mm			
		100"	2214 x 1245	7	•	•	•
		120"	2657 x 1494	7		•	•
		135"	2984 x 1688	7		•	
		150"	3320 x 1868	7		•	

- ALR narrow edge frame screen, matched well with ultra short throw projector
- Wide-viewing angle, accommodates to all sitting positions
- Light weight powder-coated outer aluminium frame
- Adjustable height back brackets for easy alignment
- Tension back system for fast and easy installation
- Easy portability for events

