

PARALLAX THIN

Da-Lite's Parallax® Thin screen has been re-engineered to offer a convenient alternative to rigid screens that ship assembled in large crates. This innovative solution offers wider sizes with a smaller shipping footprint, enhancing logistics and cost-efficiency. This 1/2" thin bezel fixed frame screen features the Parallax Pure 0.8 Ambient Light Rejection (ALR) screen surface or the new Parallax® Pure UST 0.6, specifically designed for ultrashort throw (UST) projectors. Available in 16:9 HDTV and 21:9 Ultrawide formats, ideal for larger spaces with Microsoft Teams Front Row setups or collaboration spaces where ambient light control is essential.

Delving deeper into the screen surface, each layer of Parallax Pure plays a crucial role in preserving image quality in high ambient light environments. The ambient light-rejecting technology incorporates a micro-layered optical lens system that rejects light. Some layers absorb light, while a special saw-toothed-shaped layer blocks light from above, preserving high-contrast, bright images even in brightly lit environments. This technology mimics the look of a television but without the glare from windows or lighting fixtures.

Features

- Parallax Pure UST 0.6 surface for ultra short-throw projectors (0.4:1 throw or less)
- Parallax Pure 0.8 surface for standard throw projectors (1.5:1 or greater)
- Thin 1/2" bezel aluminum frame wrapped in Pro-Trim® fabric
- 1.625" depth
- Ships disassembled via Parcel for lower shipping costs and easy maneuverability in the space



HDTV (16:9) Format Dimensions

Viewing Area (H x W)		Overall Dimensions	
In.	Cm	In.	Cm
49" x 87"	124 x 221	50" x 88"	127 x 224
54" x 96"	137 x 244	55" x 97"	140 x 246
59" x 104.5"	150 x 265	60" x 105.5"	152 x 268
63.5" x 113"	162 x 288	64.5" x 114"	164 x 290

Ultrawide (21:9) Format Dimensions

Viewing Area (H x W)		Overall Dimensions	
In.	Cm	In.	Cm
40.5" x 96"	103 x 244	41.5" x 97"	105 x 246
50.5" x 120"	128 x 305	51.5" x 121"	131 x 307
59" x 140"	150 x 356	60" x 141"	152 x 358

Available with the Following Screen Surfaces



Parallax Pure UST 0.6

Horizontal Half Angle: 80°

Vertical Half Angle: 55°

Gain: 0.6



Parallax Pure 0.8

Horizontal Half Angle: 85°

Vertical Half Angle: 17°

Gain: 0.8

Parallax Pure UST 0.6 Projector Placement

The Ultra Short Throw projector must be mounted below the screen for the projected light to be reflected by the screen surface.

Parallax Pure 0.8 Projector Placement

The examples below are for a ceiling mounted projector, but can be reversed for a table-top projector.

Projection Angle

- If the Projection Distance (x) is known, find the Maximum Vertical Offset:

$$\text{Maximum Vertical Offset (y)} = 0.4 \times \text{Projection Distance (x)}$$

Example:

Projection Distance (x) = 130.5"

$$130.5" \times 0.4 = 52.2"$$

52.2" = Maximum Vertical Offset

- If the Vertical Offset (y) is known, find the Minimum Projection Distance:

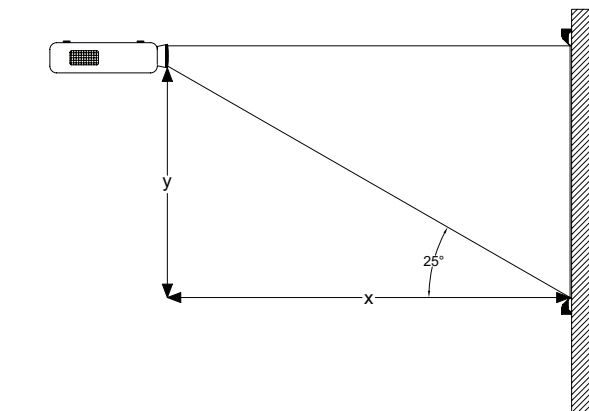
$$\text{Minimum Projection Distance (x)} = 2.5 \times \text{Vertical Offset (y)}$$

Example:

87" wide screen with a 60" Vertical Offset (y)

$$60" \times 2.5 = 150"$$

150" = Minimum Projection Distance



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