



Excellence in Viewing

H O M E T H E A T E R



Top left: Installation image courtesy of Innovative Systems
Top right: Installation image courtesy of Marketing Impact
Bottom: Installation image courtesy of Stone-Gradden

DA-LITE
HOME THEATER SCREENS

Just Watch Us!



Da-Lite is the largest screen manufacturer in the world. With nearly 100 years of expertise, our projection screens are designed to provide maximum clarity to your home theater. Da-Lite has built an extensive product line that allows you to choose the specific model which integrates best into your design. Worldwide, Da-Lite screens can be found in the most extraordinary homes. Now that it is time for you to choose a screen for your home theater, choose Da-Lite...the world leader in screens.



Top left: Installation image courtesy of Environmental Technology
 Top right: Installation image courtesy of Sound Advice
 Bottom: Installation image courtesy of Apex Audio Visual Services



E T H E A T E R





Let The Show

I N T R O D U C T I O N

Lights! Camera! Action! That's exactly what you

envision yourself saying when you sit down to

watch a movie in your new home theater. To help

you make the most of your home theater, you need

to decide what type of screen best integrates into

your unique installation. The following pages will

help guide you through your decision for front or

rear projection, as well as provide you with model

information and design ideas from the many

featured installation photos. And now without

any further ado... Let the show begin.



Installation image courtesy of Tri Phase Custom Audio and Video
Top left: Lobby image courtesy of Tri Phase Custom Audio & Video



Left: Installation image courtesy of Hi End Video



Da-Lite offers a wide array of screens each with a choice of projection surfaces. Selecting the right combination to meet your needs is important for optimum results.

Screen Selection

T H E P E R F E C T M A T C H

Four steps to selecting the right screen

1. SCREEN SIZE

The best performance is achieved by determining the correct size. Ideally, the screen size should occupy a minimum of a 30° field of view for the audience. The rule of thumb is to use a screen height that is approximately one third the distance from the screen to the audience seating. Screen placement should be determined according to the sightlines of the installation. This will allow all members of the audience to see the screen.

2. SCREEN FORMAT

Select the appropriate format for the application. Common formats and their formulas are as follows:

2.35:1
Cinema-Scope

1.85:1
Letterbox

1.78:1
HDTV

1.33:1
NTSC Video

3. SCREEN SURFACE

Many factors must be considered when choosing which screen surface best meets the needs of a custom installation. Seating configuration, projector model and type as well as ambient light are all factors that must be considered. This is why Da-Lite offers a diverse selection of screen surfaces to meet the needs of different environments.

4. SCREEN TYPE

If choosing a screen for a multi-purpose room, select an electrically operated screen and use in combination with a projector lift. This combination allows for complete concealment of the products when not in use. Dedicated rooms are designed for specific installations that recreate a theater in a home. These rooms often require fixed screen systems that are built directly into the cabinetry or acoustic room treatments.

MATTE WHITE

One of the most versatile screen surfaces and a good choice for situations when presentation material is being projected and ambient light is controllable. Its surface evenly distributes light over a wide viewing area. Colors remain bright and life-like, with no shifts in hue. Gain 1.0 Viewing Angle 60°

HIGH CONTRAST MATTE WHITE

Designed for moderate output DLP and LCD projectors, this screen surface is a great choice when video images are the main source of information being projected and where ambient light is moderately controlled. With its specially designed gray base material and reflective top surface, this screen material is able to provide very good black levels without sacrificing the white level output. Gain 1.1 Viewing Angle 50°

VIDEO SPECTRA 1.5

This screen surface is specially designed with a reflective coating, which provides an increased amount of brightness with a moderately reduced viewing angle. The increased gain of this surface makes it suitable for environments where ambient lighting is uncontrollable and a projector with moderate light output is utilized. Gain 1.5 Viewing Angle 35°

SILVER MATTE

A uniquely designed screen surface with a specially designed silver finish. This surface is perfect for situations where a silver surface is necessary for polarized 3-D projection. The matte finish of this surface successfully rejects ambient light. Gain 1.3 Viewing Angle 30°

HIGH POWER®

This screen surface is a technological breakthrough, providing the reflectivity and optical characteristics of a traditional glass beaded surface with the ability to clean the surface when necessary. Its smooth textured surface provides the highest gain of all front projection screen surfaces with no resolution loss. The moderate viewing angle and its ability to reflect light back along the projection axis make this surface the best choice for situations where there is a moderate amount of ambient light and the projector is placed on a table-top or in the same horizontal viewing plane as the audience. Gain 2.8 Viewing Angle 30°

DA-MAT

A screen surface with a smooth, white vinyl finish for precise image reproduction that provides an exceptionally wide viewing angle with no resolution loss. It is a highly flexible fabric that may be folded or rolled. Its versatility makes it a great choice for situations with good control over ambient light and where an exceptionally wide viewing angle is necessary. Gain 1.0 Viewing Angle 60°

Da-Lite offers a wide array of screens each with a choice of projection surfaces. Selecting the right combination to meet your needs is important for optimum results.

Screen Selection

T H E P E R F E C T M A T C H

CINEMA VISION

A unique non-supported vinyl fabric that offers a bright, uniform image with no color shift at any viewing angle. This surface is designed to provide a higher amount of brightness for lower output projector types such as CRT. Its increased reflectivity will help enhance the image brightness in situations where a low level of ambient light is present. This surface is a good choice when producing video images.
Gain 1.3 Viewing Angle 45°

PEARLESCENT

A non-supported vinyl fabric, offering a higher degree of reflectivity and brilliance without loss of image quality or resolution. This surface is a good choice when producing video images with a lower output projector and where there is a high amount of ambient light present.
Gain 1.5 Viewing Angle 40°

AUDIO VISION

Designed for applications where a more realistic soundstage is desired, this fabric allows for the installation of speakers to be placed behind the surface. With virtually no sound loss and good image quality, this fabric provides the same optical characteristics as the Da-Mat surface with specially designed perforations to allow sound to pass through the screen material.
Gain 1.0 Viewing Angle 60°

HIGH CONTRAST DA-MAT

With a special gray surface, this screen material is designed for use with today's high output LCD, DLP and D-ILA projectors. By lowering the black levels of the projected video image, this surface creates a more film-like image and is a good choice when video is the main source of projected information. This screen surface is best used when there is good control of ambient lighting and a moderately wide viewing angle is desired.
Gain 0.8 Viewing Angle 45°

HIGH CONTRAST CINEMA VISION

Designed for today's moderate output DLP and LCD projectors, this screen surface is a great choice when video images are the main source of information being projected and where ambient lighting is moderately controlled. With its specially designed gray base surface and a reflective top surface, this screen material is able to provide very good black levels without sacrificing the white level output. With its enhanced black levels and brilliant white levels, this screen surface provides deep life-like colors and greater detail and sharpness to the image.
Gain 1.1 Viewing Angle 50°

HIGH CONTRAST AUDIO VISION

With the same optical characteristics as the High Contrast Da-Mat material, this surface is designed to provide the viewer with a more realistic soundstage by placing speakers behind the screen and allowing the sound to be transmitted through the material. This screen surface is best used when there is good control of ambient lighting and a moderately wide viewing angle is desired.
Gain 0.8 Viewing Angle 45°

HIGH CONTRAST CINEMA PERF

With the same optical characteristics as High Contrast Cinema Vision, this surface is perforated to allow placement of a center channel speaker behind the screen surface while allowing the sound to transmit through the material. Ideal for use in environments with moderate control of ambient light.
Gain 1.1 Viewing Angle 50°

SILVER VISION

This screen surface is uniquely designed with a specially formulated silver finish. This surface is perfect for situations where a silver finish is necessary for polarized 3-D projection. The matte finish of this surface successfully rejects ambient light. It is a highly flexible fabric that must be tensioned.
Gain 1.5 Viewing Angle 30°

DA-TEX

A translucent, neutral gray vinyl fabric that allows rear projection in applications where a rigid acrylic or glass screen are not possible. This specially designed gray vinyl surface offers the same high transmission and low reflectance values as a rigid rear projection screen for optimal viewing. It yields excellent color rendition, image contrast and a moderately wide viewing angle. Ideally suited for both lace and grommet and snap button type screens used in portable installations.
Gain 1.8 Viewing Angle 30°

HIGH CONTRAST DA-TEX

High Contrast Da-Tex is a unity gain rear projection surface with a specially designed dark gray tint and is formulated to provide lower black levels for today's high output projectors. This surface features optical characteristics similar to rigid rear projection screens. Ideally suited for both lace and grommet and snap button screens used in portable applications.
Gain 1.0 Viewing Angle 40°

DUAL VISION

A unity gain flexible projection fabric capable of both front and rear projection. The Dual Vision surface is ideal for video projection under controlled light conditions. With an exceptionally wide viewing cone, each seat in the audience will observe a uniform, sharp image with no color shift.
Gain 1.0 Viewing Angle 50°

SCREEN BORDERS AND DROP

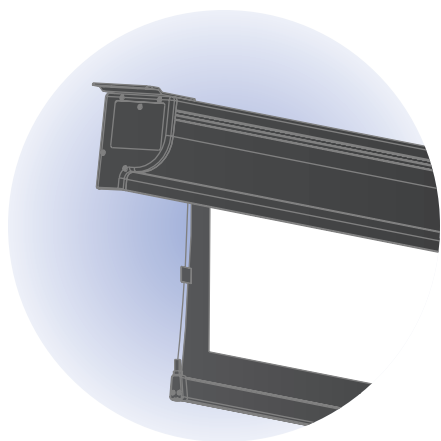
Black masking borders are standard on all Da-Lite front projection screens at no extra charge. Borders enhance the perceived brightness of an image on a screen. The human eye perceives the image to have more contrast and a sharper picture with brighter colors. Borders also allow the projected image to "bleed-off" the screen for professional appearing presentations.

Drop is also available on most Da-Lite wall and ceiling electric screens. Drop is extra fabric added to the top or bottom of the screen to adjust the screen surface to within normal viewing heights. Drop can be specified in either black or white.

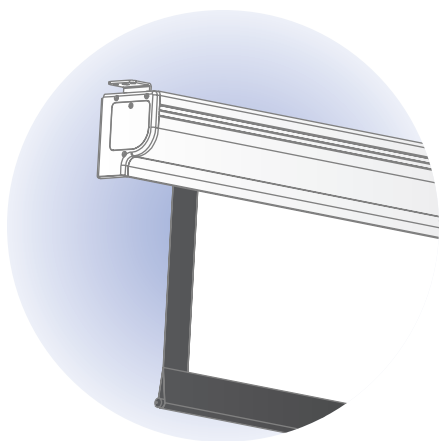
With the largest selection of screen case and frame styles available in the market today, Da-Lite's home theater screens offer both function and design. Select the ideal case design from the Da-Lite home theater screens shown below.

Screen Cases

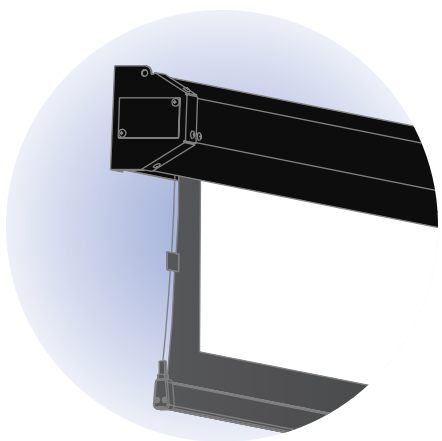
T O F I T A N Y D È C O R



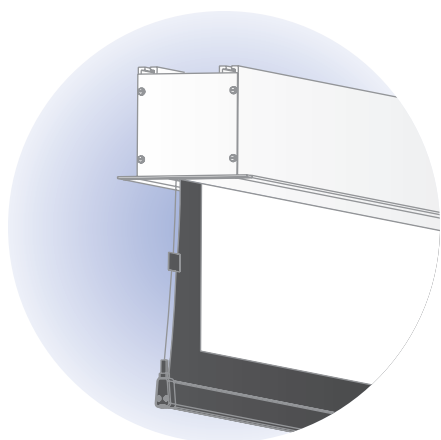
Tensioned Contour® Electrol®



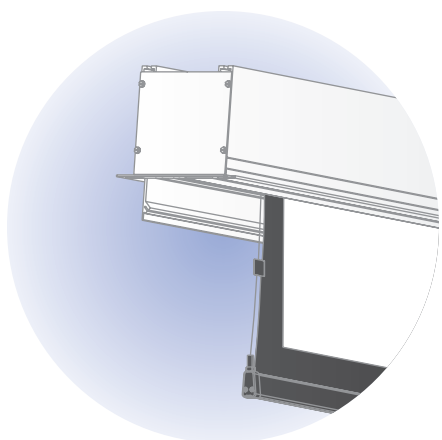
Designer Contour® Electrol®



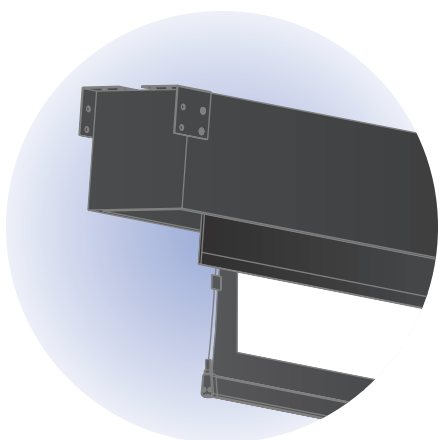
Tensioned Cosmopolitan® Electrol®



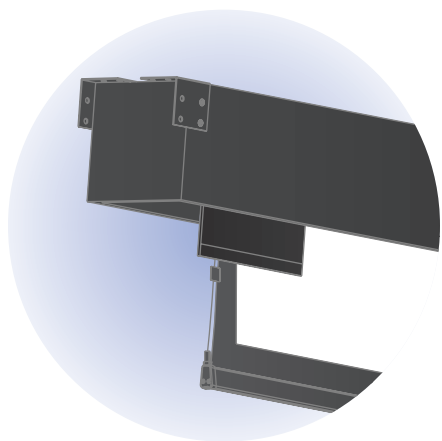
Tensioned Advantage® Electrol®



Tensioned Advantage® Deluxe Electrol®



Tensioned Horizon Electrol®



Tensioned Dual Masking Electrol®



Designer Da-Tab Electrol®

Right: Installation image courtesy
of Taylor Architectural
Photography
Far right: Installation image
courtesy of Innovative Systems
Below: Installation image
courtesy of Baumeister
Audio/Video



P R I V A T E S C R E E N I N G



Da-Lite offers a wide selection

of wall and ceiling electric screens

perfect for many applications and

environments. Featuring quality

construction and design, they

provide great performance and

smooth operation and stay out

of sight when not in use.

ELECTRIC WALL/CEILING SCREENS



TENSIONED CONTOUR® ELECTROL® AND CONTOUR® ELECTROL® STANDARD SIZES

VIDEO FORMATS

Viewing Area H x W	Nominal Diagonal
43" x 57"	72"
50" x 67"	84"
*57" x 77"	96"
60" x 80"	100"
69" x 92"	120"
87" x 116"	150"

* Non-tensioned size only.

HDTV FORMATS

Viewing Area H x W	Nominal Diagonal
45" x 80"	92"
52" x 92"	106"
54" x 96"	110"
58" x 104"	119"
65" x 116"	133"



TENSIONED CONTOUR® ELECTROL® SCREEN SURFACES

Da-Mat
High Contrast Da-Mat
Pearlescent
Cinema Vision
High Contrast Cinema Vision
High Contrast Cinema Perf
Audio Vision
High Contrast Audio Vision
Da-Tex (Rear)
Dual Vision

CONTOUR® ELECTROL® SCREEN SURFACES

Matte White
High Contrast Matte White
Video Spectra 1.5
High Power®

With its stylish curved aluminum extruded case available in either black or white finish, the Tensioned Contour® Electrol® is a beautiful addition to any home theater. An optional choice of seven veneer finishes or graphite finish are also available for the front cover of the screen case for a warm and elegant look. Screen surface retracts completely into case for a clean, modern appearance when screen is not in use. For a simple, clean installation, the Tensioned Contour® is available with silent motor, SCB-100 (RS-232 Control), SCB-200, low voltage control or video projector interface built into the case. Also available in a non-tensioned model.

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard case color: Tensioned – black, Non-tensioned – white.

**ELECTRIC WALL/CEILING
SCREENS**



**DESIGNER CONTOUR® ELECTROL®
STANDARD SIZES**

VIDEO FORMATS	
Viewing Area H x W	Nominal Diagonal
43" x 57"	72"
50" x 67"	84"
57" x 77"	96"
60" x 80"	100"
69" x 92"	120"

HDTV FORMATS	
Viewing Area H x W	Nominal Diagonal
37 1/2" x 67"	77"
45" x 80"	92"
52" x 92"	106"



**DESIGNER
CONTOUR® ELECTROL®
SCREEN SURFACES**

- Matte White
- High Contrast Matte White
- Video Spectra 1.5
- High Power®

The Designer Contour® is designed with a stylish curved aluminum extruded white case and has dimensions of only 4 1/2" high and 4 1/2" deep, making the Designer Contour® small enough to fit into any installation. When screen is not in use, the screen surface retracts completely into the case for a clean appearance. An optional choice of seven veneer finishes or graphite finish are available for the front cover of the screen case for a warm and elegant look. An optional low voltage control unit or low voltage control unit with infrared wireless remote can also be built directly into the case for easy installation.

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard case color: white.

**ELECTRIC WALL/CEILING
SCREENS**



Installation image courtesy of Audio Video Enhancement

**TENSIONED COSMOPOLITAN® ELECTROL® AND COSMOPOLITAN® ELECTROL®
STANDARD SIZES**

VIDEO FORMATS	
Viewing Area H x W	Nominal Diagonal
43" x 57"	72"
50" x 67"	84"
*57" x 77"	96"
60" x 80"	100"
69" x 92"	120"
87" x 116"	150"
* Non-tensioned size only.	

HDTV FORMATS	
Viewing Area H x W	Nominal Diagonal
45" x 80"	92"
52" x 92"	106"
54" x 96"	110"
58" x 104"	119"
65" x 116"	133"



**TENSIONED
COSMOPOLITAN® ELECTROL®
SCREEN SURFACES**

Da-Mat
High Contrast Da-Mat
Pearlescent
Cinema Vision
High Contrast Cinema Vision
High Contrast Cinema Perf
Audio Vision
High Contrast Audio Vision
Da-Tex (Rear)
Dual Vision

**COSMOPOLITAN® ELECTROL®
SCREEN SURFACES**

Matte White
High Contrast Matte White
Video Spectra 1.5
High Power®

The Tensioned Cosmopolitan®'s narrow profile allows the case to be mounted on the wall, inside a soffit or suspended from a ceiling. With a handsome black textured case finish, the Tensioned Cosmopolitan® blends with any décor. Da-Lite's tab-guide tensioning system features an easily adjustable slat bar design that provides additional tensioning at the bottom of the screen to maintain a perfectly flat viewing surface. Also available in a non-tensioned model.

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard case color: Tensioned – black, Non-tensioned – white.

**ELECTRIC WALL/CEILING
SCREENS**



**DESIGNER DA-TAB ELECTROL® AND DESIGNER ELECTROL®
STANDARD SIZES**

VIDEO FORMATS	
Viewing Area H x W	Nominal Diagonal
43" x 57"	72"
*50" x 67"	84"
*60" x 80"	100"
*69" x 92"	120"

*Available Designer Electrol® sizes.



**DESIGNER DA-TAB® ELECTROL®
SCREEN SURFACES**

- Da-Mat
- High Contrast Da-Mat
- Pearlescent
- Cinema Vision
- High Contrast Cinema Vision
- High Contrast Cinema Perf
- Audio Vision
- High Contrast Audio Vision
- Da-Tex (Rear)
- Dual Vision

**DESIGNER ELECTROL®
SCREEN SURFACES**

- Matte White
- High Power®

The Designer Da-Tab is an attractive projection screen solution for any room that is designed for wall or surface ceiling installation. You can choose from six contemporary and traditional case designs covered with your choice of seven real wood veneers (except the Cambridge which is available in your choice of three laminates). When screen is not in use, the screen surface retracts completely into the case for a clean appearance. Also available in a non-tensioned model.

**ELECTRIC WALL/CEILING
SCREENS**



Installation image courtesy of AC Audio and Video

**TENSIONED ADVANTAGE® ELECTROL® AND ADVANTAGE® ELECTROL®
STANDARD SIZES**

VIDEO FORMATS	
Viewing Area H x W	Nominal Diagonal
43" x 57"	72"
50" x 67"	84"
*57" x 77"	96"
60" x 80"	100"
69" x 92"	120"
87" x 116"	150"

* Non-tensioned size only.

HDTV FORMATS	
Viewing Area H x W	Nominal Diagonal
45" x 80"	92"
52" x 92"	106"
54" x 96"	110"
58" x 104"	119"
65" x 116"	133"



**TENSIONED
ADVANTAGE® ELECTROL®
SCREEN SURFACES**

- Da-Mat
- High Contrast Da-Mat
- Pearlescent
- Cinema Vision
- High Contrast Cinema Vision
- High Contrast Cinema Perf
- Audio Vision
- High Contrast Audio Vision
- Da-Tex (Rear)
- Dual Vision

**ADVANTAGE® ELECTROL®
SCREEN SURFACES**

- Matte White
- High Contrast Matte White
- Video Spectra 1.5
- High Power®

The Tensioned Advantage® is a ceiling recessed electric screen that is specially designed with the installer in mind. You can choose to receive the case and the fabric together or have them sent separately to ensure that the screen surface is not damaged during the "rough-in" stages of construction. The white extruded aluminum case is trimmed with a bottom flange for a clean, attractive installation. Also available in a non-tensioned model.

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard case color: white.

**ELECTRIC WALL/CEILING
SCREENS**



**TENSIONED ADVANTAGE® DELUXE ELECTROL® AND ADVANTAGE® DELUXE
ELECTROL® STANDARD SIZES**

VIDEO FORMATS	
Viewing Area H x W	Nominal Diagonal
43" x 57"	72"
50" x 67"	84"
*57" x 77"	96"
60" x 80"	100"
69" x 92"	120"
87" x 116"	150"
* Non-tensioned size only.	

HDTV FORMATS	
Viewing Area H x W	Nominal Diagonal
45" x 80"	92"
52" x 92"	106"
54" x 96"	110"
58" x 104"	119"
65" x 116"	133"



**TENSIONED ADVANTAGE®
DELUXE ELECTROL®
SCREEN SURFACES**

Da-Mat
High Contrast Da-Mat
Pearlescent
Cinema Vision
High Contrast Cinema Vision
High Contrast Cinema Perf
Audio Vision
High Contrast Audio Vision
Da-Tex (Rear)
Dual Vision

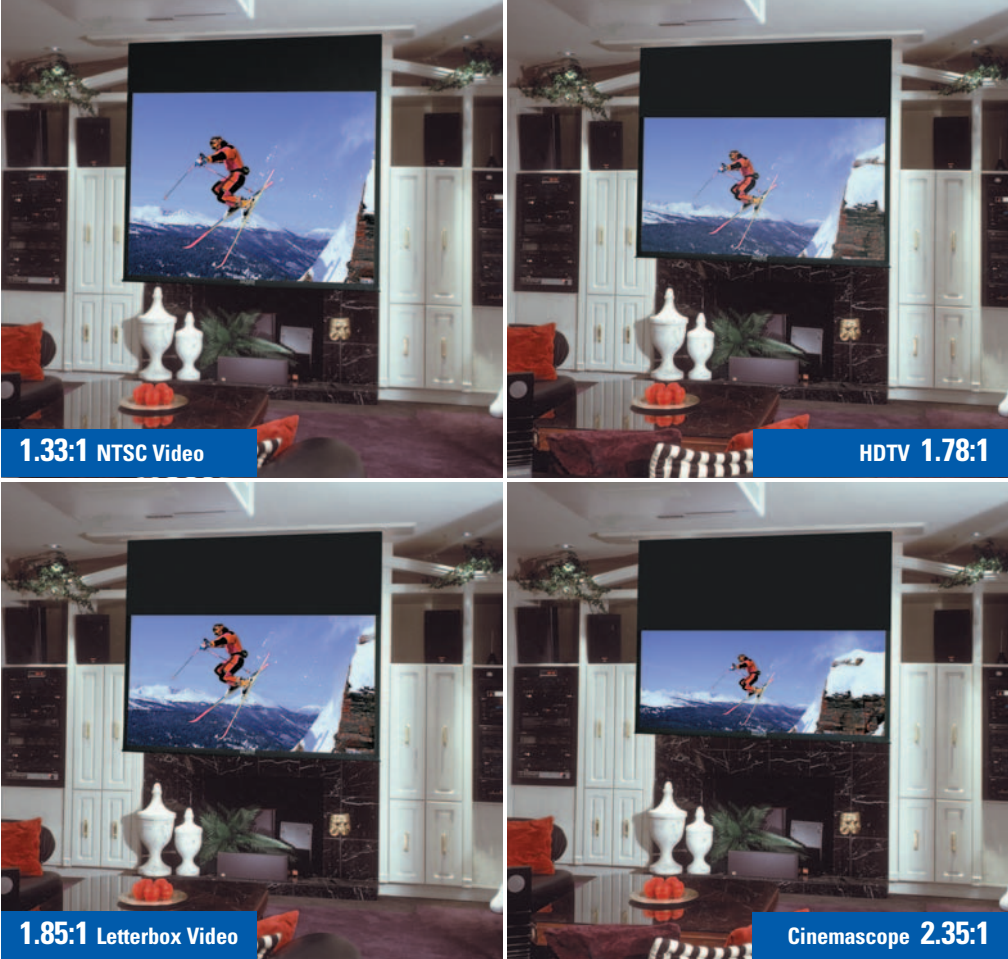
**ADVANTAGE® DELUXE
ELECTROL®
SCREEN SURFACES**

Matte White
High Contrast Matte White
Video Spectra 1.5
High Power®

The Tensioned Advantage® Deluxe is a concealed in-the-ceiling electric screen that features an automatic closure door so that the screen is completely concealed when not in use. The Advantage® Deluxe Electrol® has a white extruded aluminum case and white powder coated closure doors. The finished case edge provides a clean look and allows easy installation of ceiling tiles around the case. You can choose to receive the case and the fabric together or have them sent separately to ensure that the screen surface is not damaged during the “rough-in” stages of construction. Also available in a non-tensioned model.

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard case color: white.

ELECTRIC WALL/CEILING
SCREENS



Installation image courtesy of Heil Sound, Ltd.

TENSIONED HORIZON ELECTROL® AND
HORIZON ELECTROL® STANDARD SIZES

SPECIFICATIONS

NTSC Native Viewing Areas

NTSC (1.33)	HDTV (1.78)	Letter Box (1.85)	Cinema Scope (2.35)
H x W	H x W	H x W	H x W
43" x 57"	32" x 57"	31" x 57"	24" x 57"
50" x 67"	38" x 67"	36" x 67"	29" x 67"
60" x 80"	45" x 80"	43" x 80"	34" x 80"
69" x 92"	52" x 92"	50" x 92"	39" x 92"
87" x 116"	65" x 116"	63" x 116"	50" x 116"

SPECIFICATIONS

HDTV Native Viewing Areas

HDTV (1.78)	Letter Box (1.85)	Cinema Scope (2.35)
H x W	H x W	H x W
32" x 57"	31" x 57"	24" x 57"
38" x 67"	36" x 67"	29" x 67"
45" x 80"	43" x 80"	34" x 80"
52" x 92"	50" x 92"	39" x 92"
65" x 116"	63" x 116"	50" x 116"



The Tensioned Horizon meets today's demands for a variety of image formats. The first of its kind, the Tensioned Horizon features four-position horizontal masking with the touch of a button. The use of a programmable motor system allows the viewing surface to adjust to maintain the screen centerline in all formats. Da-Lite's unique "step-back" system allows the masking to lay flat against the viewing surface to prevent any distracting shadows around the projected image. Also available in a non-tensioned model.

TENSIONED
HORIZON ELECTROL®
SCREEN SURFACES

Da-Mat
High Contrast Da-Mat
Pearlescent
Cinema Vision
High Contrast Cinema Vision
High Contrast Cinema Perf
Audio Vision
High Contrast Audio Vision
Da-Tex (Rear)
Dual Vision

HORIZON
ELECTROL®
SCREEN SURFACES

Matte White
High Contrast Matte White
Video Spectra 1.5
High Power®

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard case color: black.

ELECTRIC WALL/CEILING
SCREENS



Installation image courtesy of Advanced Residential Systems

TENSIONED DUAL MASKING ELECTROL® AND DUAL MASKING ELECTROL®
STANDARD SIZES

LETTER BOX FORMATS		HDTV FORMATS		CINEMASCOPE FORMATS	
Viewing Area H x W	Video Format By Masking H x W	Viewing Area H x W	Video Format By Masking H x W	Viewing Area H x W	Video Format By Masking H x W
50" x 92 1/2"	50" x 67"	45" x 80"	45" x 60"	45" x 106"	45" x 80"
60" x 111"	60" x 80"	50" x 89"	50" x 67"	49" x 115"	49" x 87"
69" x 128"	69" x 92"	54" x 96"	54" x 72"	52" x 122"	52" x 92"
		60" x 107"	60" x 80"	54" x 126"	54" x 96"
		69" x 123"	69" x 92"	58" x 136"	58" x 104"
				65" x 156"	65" x 116"



TENSIONED DUAL
MASKING ELECTROL®
SCREEN SURFACES

Da-Mat
High Contrast Da-Mat
Pearlescent
Cinema Vision
High Contrast Cinema Vision
High Contrast Cinema Perf
Audio Vision
High Contrast Audio Vision
Da-Tex (Rear)
Dual Vision

DUAL
MASKING ELECTROL®
SCREEN SURFACES

Matte White
High Contrast Matte White

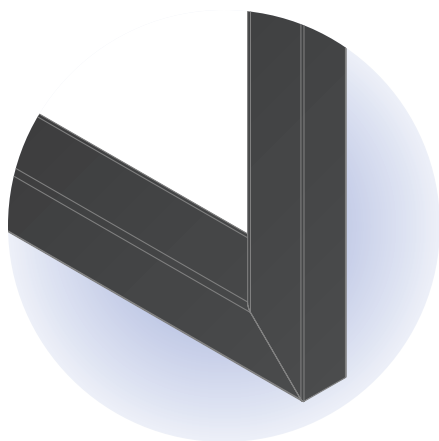
This ceiling recessed electric screen allows for a choice between two different aspect ratios. The Tensioned Dual Masking features a vertical masking system that starts with either an HDTV format or a Letter Box format and masks to an NTSC video format or a Cinemascope format masking to an HDTV format. Featuring Da-Lite's "step-back" system, the masking lays flat against the viewing surface to prevent distracting shadows around the projected image. Also available in a non-tensioned model.

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard case color: black.

With the largest selection of screen case and frame styles available in the market today, Da-Lite's home theater screens offer both function and design. Select the ideal frame design from the Da-Lite home theater screens shown below.

Screen Frames

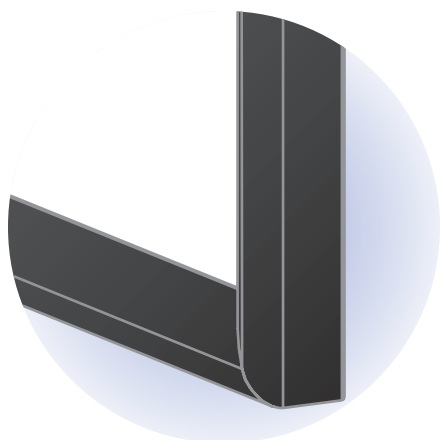
T O F I T A N Y D È C O R



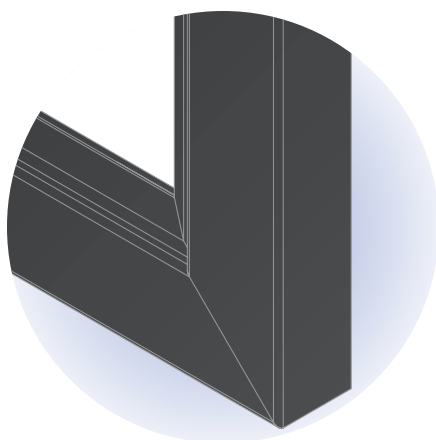
Cinema Contour®



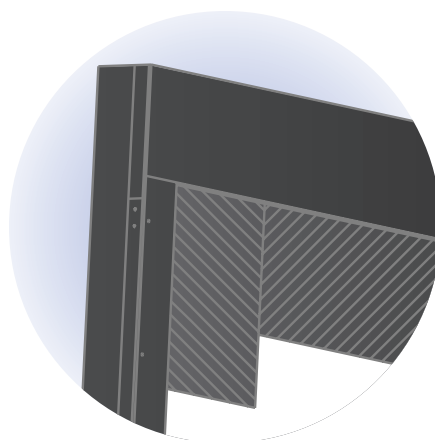
Da-Snap



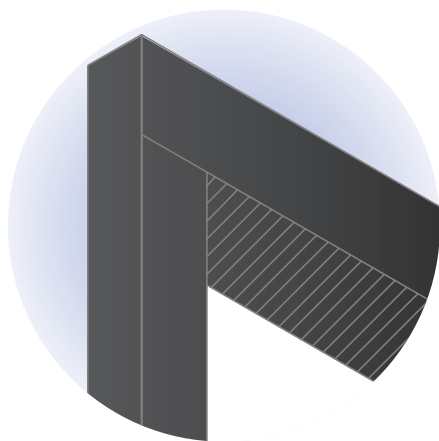
Imager



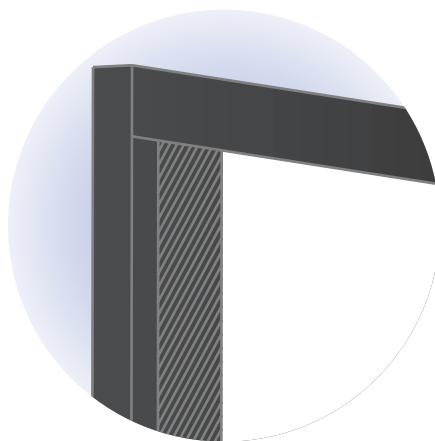
Acoustical Imager®



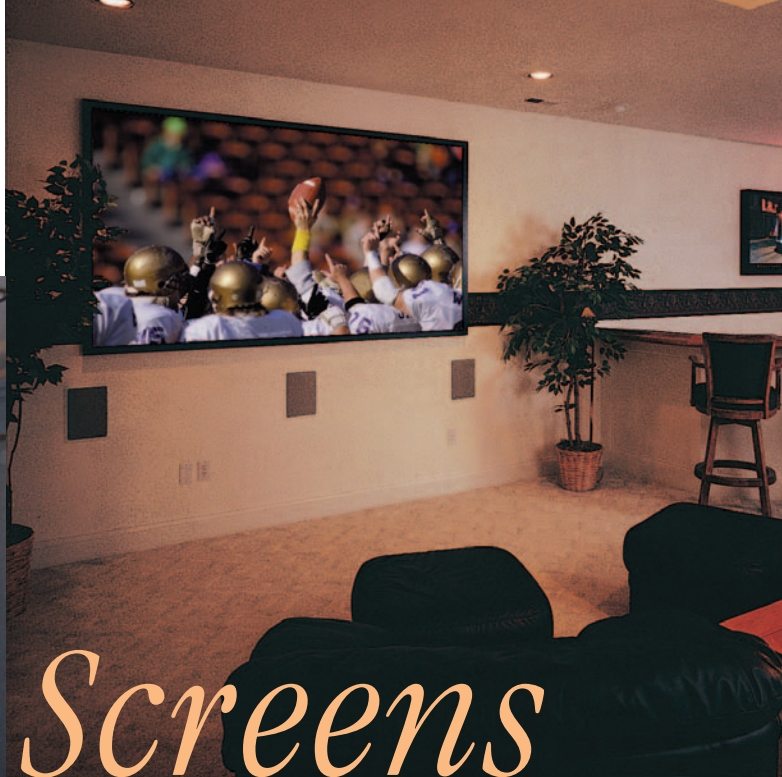
Multi-Mask Imager



Pro Imager Vertical



Pro Imager Horizontal



Fixed Screens

P R I V A T E S C R E E N I N G



Installation image courtesy of Electronic Interiors
Top left: Installation image courtesy of C and C Audio Creations

Da-Lite's fixed wall screens

enhance the look of any dedicated

theater setting. Offering the

ultimate ease of installation, these

screens mount easily on the wall

or inside cabinetry. If the design

calls for multiple formats, a masking

system can be added for greater

versatility.

FIXED WALL SCREENS



Installation image courtesy of Connected Technologies

CINEMA CONTOUR®
STANDARD SIZES

VIDEO FORMATS		HDTV FORMATS		CINEMASCOPE FORMATS	
Viewing Area H x W	Nominal Diagonal	Viewing Area H x W	Nominal Diagonal	Viewing Area H x W	Nominal Diagonal
36" x 48"	60"	37 1/2" x 67"	77"	37 1/2" x 88"	96"
43" x 57 1/2"	72"	40 1/2" x 72"	82"	40 1/2" x 95"	103"
50 1/2" x 67"	84"	45" x 80"	92"	45" x 106"	115"
57 1/2" x 77"	96"	49" x 87"	100"	49" x 115"	125"
60" x 80"	100"	52" x 92"	106"	52" x 122"	133"
72" x 96"	120"	54" x 96"	110"	54" x 126"	138"
90" x 120"	150"	58" x 104"	119"		
108" x 144"	180"	65" x 116"	133"		
		78" x 139"	159"		



CINEMA CONTOUR®
SCREEN SURFACES

- Da-Mat
- High Contrast Da-Mat
- Pearlescent
- Cinema Vision
- High Contrast Cinema Vision
- High Contrast Cinema Perf
- High Power®
- Audio Vision
- High Contrast Audio Vision
- Da-Tex (Rear)
- Dual Vision

Offering a 45-degree cut frame for a sleek, modern appearance, the Cinema Contour® is an ideal choice for any fixed wall screen application. The Cinema Contour® frame is designed with a 3" wide, black powder coated frame and is available with Da-Lite's Pro-Trim® finish. Pro-Trim® is a fabric frame covering that aesthetically enhances the appearance of the installation and absorbs light that surrounds the viewing area of the screen. Seven veneer frame finish options are available on the Cinema Contour®. The screen material snaps onto the back of the Cinema Contour® frame for a perfectly flat viewing surface.

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard frame color: black.

FIXED WALL SCREENS



Installation image courtesy of Connected Technologies

DA-SNAP
STANDARD SIZES

VIDEO FORMATS		HDTV FORMATS		CINEMASCOPE FORMATS	
Viewing Area H x W	Nominal Diagonal	Viewing Area H x W	Nominal Diagonal	Viewing Area H x W	Nominal Diagonal
36" x 48"	60"	37 1/2" x 67"	77"	37 1/2" x 88"	96"
43" x 57 1/2"	72"	40 1/2" x 72"	82"	40 1/2" x 95"	103"
50 1/2" x 67"	84"	45" x 80"	92"	45" x 106"	115"
57 1/2" x 77"	96"	49" x 87"	100"	49" x 115"	125"
60" x 80"	100"	52" x 92"	106"	52" x 122"	133"
72" x 96"	120"	54" x 96"	110"	54" x 126"	138"
90" x 120"	150"	58" x 104"	119"		
108" x 144"	180"	65" x 116"	133"		
		78" x 139"	159"		

DA-SNAP
SCREEN SURFACES

- Da-Mat
- High Contrast Da-Mat
- Pearlescent
- Cinema Vision
- High Contrast Cinema Vision
- High Contrast Cinema Perf
- High Power®
- Audio Vision
- High Contrast Audio Vision
- Da-Tex (Rear)
- Dual Vision



The Da-Snap features a 1 1/2" square black powder coated frame for an attractive, clean installation. A Pro-Trim® finish is an optional fabric frame covering that absorbs light that surrounds the screen's viewing area and enhances the appearance of the installation. The screen material snaps on the back of the Da-Snap frame for a perfectly flat viewing surface. Specially designed wraparound models are also available upon request.

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard frame color: black.

FIXED WALL SCREENS



Installation image courtesy of Connected Technologies

IMAGER
STANDARD SIZES

VIDEO FORMATS		HDTV FORMATS		CINEMASCOPE FORMATS	
Viewing Area H x W	Nominal Diagonal	Viewing Area H x W	Nominal Diagonal	Viewing Area H x W	Nominal Diagonal
36" x 48"	60"	37 1/2" x 67"	77"	37 1/2" x 88"	96"
43" x 57 1/2"	72"	40 1/2" x 72"	82"	40 1/2" x 95"	103"
50 1/2" x 67"	84"	45" x 80"	92"	45" x 106"	115"
57 1/2" x 77"	96"	49" x 87"	100"	49" x 115"	125"
60" x 80"	100"	52" x 92"	106"	52" x 122"	133"
72" x 96"	120"	54" x 96"	110"	54" x 126"	138"
90" x 120"	150"	58" x 104"	119"		
		65" x 116"	133"		
		78" x 139"	159"		



The Imager offers a 2" wide rounded frame for a stylish appearance. Available with Pro-Trim® fabric covering that aesthetically enhances the appearance of the installation while absorbing light that surrounds the viewing area. The frame is now also available with your choice of seven veneers for an additional charge. Choose from: Cherry, Mahogany, Light Oak, Natural Walnut, Medium Oak, Honey Maple and Heritage Walnut. Your custom veneer can also be matched. The screen material snaps onto the back of the Imager frame for a perfectly flat viewing surface.

IMAGER
SCREEN SURFACES

- Da-Mat
- High Contrast Da-Mat
- Pearlescent
- Cinema Vision
- High Contrast Cinema Vision
- High Contrast Cinema Perf
- Audio Vision
- High Contrast Audio Vision
- Da-Tex (Rear)
- Dual Vision

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard frame color: black.

FIXED WALL SCREENS



ACOUSTICAL IMAGER®
STANDARD SIZES

VIDEO FORMATS	
Viewing Area H x W	Nominal Diagonal
50 1/2" x 67"	84"
60" x 80"	100"
72" x 96"	120"
90" x 120"	150"

HDTV FORMATS	
Viewing Area H x W	Nominal Diagonal
37 1/2" x 67"	77"
45" x 80"	92"
49" x 87"	100"
52" x 92"	106"
54" x 96"	110"
58" x 104"	119"
65" x 116"	133"



ACOUSTICAL IMAGER®
SCREEN SURFACES

- Da-Mat
- High Contrast Da-Mat
- Pearlescent
- Cinema Vision
- High Contrast Cinema Vision
- High Power®
- Da-Tex (Rear)
- Dual Vision

The Acoustical Imager® is a revolutionary projection screen that marries a fixed frame screen with 5.1 Surround Sound. Left, center and right front speakers are integrated into the frame with two table or floor mounted satellite speakers and a subwoofer. Audio is provided by the JBL surround sound speaker system. Standard with Pro-Trim®, a fabric frame covering that aesthetically enhances the appearance of the installation while absorbing light that surrounds the viewing area. The screen material snaps on the back of the frame for a perfectly flat viewing surface.

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard frame color: black.

FIXED WALL SCREENS



Installation image courtesy of Connected Technologies

PRO IMAGER VERTICAL SCREEN MASKING-NTSC TO HDTV FORMAT

Overall Dimensions H x W	NTSC Viewing Area H x W	HDTV Viewing Area H x W	NTSC Nominal Diagonal	HDTV Nominal Diagonal
48" x 57"	36" x 48"	27" x 48"	60"	55"
55" x 66 1/2"	43" x 57 1/2"	32" x 57 1/2"	72"	66"
62 1/2" x 76"	50 1/2" x 67"	37" x 67"	84"	77"
69 1/2" x 86"	57 1/2" x 77"	43" x 77"	96"	89"
72" x 89"	60" x 80"	45" x 80"	100"	92"
84" x 105"	72" x 96"	54" x 96"	120"	110"
102" x 129"	90" x 120"	67 1/2" x 120"	150"	138"

PRO IMAGER VERTICAL SCREEN MASKING-NTSC TO LETTERBOX FORMAT

Overall Dimensions H x W	NTSC Viewing Area H x W	Letterbox Viewing Area H x W	NTSC Nominal Diagonal	Letterbox Nominal Diagonal
48" x 57"	36" x 48"	26" x 48"	60"	55"
55" x 66 1/2"	43" x 57 1/2"	31" x 57 1/2"	72"	65"
62 1/2" x 76"	50 1/2" x 67"	36" x 67"	84"	76"
69 1/2" x 86"	57 1/2" x 77"	41" x 77"	96"	87"
72" x 89"	60" x 80"	43" x 80"	100"	91"
84" x 105"	72" x 96"	51" x 96"	120"	109"
102" x 129"	90" x 120"	65" x 120"	150"	136"



The Pro Imager Vertical masks the screen from an NTSC Video format to either HDTV format or a Letterbox format by masking the screen equally at the top and the bottom of the viewing area. An optional Pro-Trim® fabric frame covering, which enhances the appearance of the installation while absorbing light that surrounds the viewing area, is available on the Pro Imager.

FIXED WALL SCREENS



Installation image courtesy of Connected Technologies

PRO IMAGER HORIZONTAL SCREEN MASKING-HDTV TO NTSC FORMAT

Overall Dimensions H x W	HDTV Viewing Area H x W	NTSC Viewing Area H x W	HDTV Nominal Diagonal	NTSC Nominal Diagonal
57" x 89"	45" x 80"	45" x 60"	92"	75"
61" x 96"	49" x 87"	49" x 65"	100"	82"
64" x 101"	52" x 92"	52" x 69"	106"	86"
66" x 105"	54" x 96"	54" x 72"	110"	90"
70" x 113"	58" x 104"	58" x 77"	119"	96"
77" x 125"	65" x 116"	65" x 86"	133"	108"
90" x 148"	78" x 139"	78" x 104"	159"	130"



PRO IMAGER HORIZONTAL SCREEN MASKING-CINEMASCOPE TO HDTV FORMAT

Overall Dimensions H x W	Cinemascope Viewing Area H x W	HDTV Viewing Area H x W	Cinemascope Nominal Diagonal	HDTV Nominal Diagonal
49 1/2" x 97"	37 1/2" x 88"	37 1/2" x 67"	96"	77"
52 1/2" x 104"	40 1/2" x 95"	40 1/2" x 72"	103"	82"
57" x 115"	45" x 106"	45" x 80"	115"	92"
61" x 124"	49" x 115"	49" x 87"	125"	100"
64" x 131"	52" x 122"	52" x 92"	133"	106"
66" x 135"	54" x 126"	54" x 96"	138"	110"

Designed to allow for the use of multiple projection formats, the Pro Imager masking system adds versatility to a fixed wall screen. The Pro Imager Horizontal masks the screen from an HDTV format to an NTSC Video format or from a Cinemascope format to an HDTV format by lowering a mask equally on each side of the viewing area. An optional Pro-Trim® fabric frame covering, which enhances the appearance of the installation while absorbing light that surrounds the viewing area, is available on the Pro Imager.

FIXED WALL SCREENS



**MULTI-MASK IMAGER
STANDARD SIZES**

FORMATS								
Overall Dimensions H x W	HDTV Viewing Area H x W	NTSC Viewing Area H x W	Letterbox Viewing Area H x W	Cinemascope Viewing Area H x W	HDTV Nominal Diagonal	NTSC Nominal Diagonal	Letterbox Nominal Diagonal	Cinemascope Nominal Diagonal
63" x 90"	45" x 80"	45" x 60"	43" x 80"	34" x 80"	92"	75"	91"	87"
67" x 97"	49" x 87"	49" x 65"	47" x 87"	37" x 87"	100"	82"	99"	95"
70" x 102"	52" x 92"	52" x 69"	50" x 92"	39" x 92"	106"	86"	105"	100"
72" x 106"	54" x 96"	54" x 72"	52" x 96"	41" x 96"	110"	90"	109"	104"
76" x 114"	58" x 104"	58" x 77"	56" x 104"	44" x 104"	119"	96"	118"	113"
83" x 126"	65" x 116"	65" x 86"	63" x 116"	49" x 116"	133"	108"	132"	126"

**MULTI-MASK IMAGER
SCREEN SURFACES**

- Da-Mat
- High Contrast Da-Mat
- Pearlescent
- Cinema Vision
- High Contrast Cinema Vision
- High Contrast Cinema Perf
- High Power®
- Audio Vision
- High Contrast Audio Vision
- Da-Tex (Rear)
- Dual Vision

Specifications, detailed dimensional drawings and installation instructions available upon request.
Standard frame color: black.

FIXED WALL SCREENS



HDTV 1.78:1



NTSC Video 1.33:1



Letter Box 1.85:1



Cinemascope 2.35:1



Optional Multi-Channel Infrared Remote

The Multi-Mask Imager is a fixed frame screen that features both horizontal and vertical masking. With all masking retracted, the screen is HDTV (1.78:1) aspect ratio. With motorized masking, you can achieve NTSC Video (1.33:1), Letterbox (1.85:1) and Cinemascope (2.35:1) formats. Da-Lite's Multi-Mask Imager is standard with the Pro-Trim® finish, which is a fabric frame covering that aesthetically enhances the appearance of the installation while absorbing light that surrounds the viewing area.

Da-Lite offers a wide array of screens each with a choice of projection coatings. Selecting the right combination to meet your needs is important for optimum results.

Rear Projection

T H E P E R F E C T M A T C H

Polacoat® Diffusion Screen Substrates

DA-PLEX

A rigid acrylic substrate for increased breakage resistance. It offers lightweight, high optical quality and good sound isolation. Standard sizes up to 9' x 18' and larger by request.

DA-GLAS

A glass substrate for long service life with good optical quality and maximum sound isolation. Standard sizes up to 10' x 20' and larger by request.

Polacoat® Optical Coatings

DA-100

A neutral gray diffusion coating that provides contrast enhancement while maintaining uniformity and color rendition. Its versatility makes it a good choice for situations with good control over ambient light and where a wide viewing angle is necessary. It is also well suited for high resolution applications.

Gain 1.0 Viewing Angle 35°

DA-130

A neutral gray diffusion coating designed to provide a moderate amount of brightness for applications where ambient light is controllable and moderately wide viewing angles are required.

Gain 1.3 Viewing Angle 34°

DA-150

A neutral gray screen designed to provide a higher amount of brightness and contrast for situations where a low level of ambient light is present or where a projector with moderate output is utilized.

Gain 1.5 Viewing Angle 32°

DA-180

A neutral gray screen offering a higher on-axis gain for situations where a moderate output projector is utilized and where there is a high amount of ambient light present. This coating is well suited for applications where the viewing angles are not wide and a higher gain coating is needed for on-axis viewing.

Gain 1.8 Viewing Angle 30°

DA-230

A neutral gray coating with high gain and a moderate viewing angle. The increased gain of this surface makes it suitable for environments where ambient light is uncontrollable and a projector with moderate light output is utilized. Good for situations where the audience is centered within a 50-degree cone from the center of the screen.

Gain 2.3 Viewing Angle 25°

VIDEO VISION

A special coating process generates a screen ideal for video projection under controlled light conditions. This material offers an exceptionally wide field of view so each audience member will observe a uniform, bright, sharp image with no color shift. This screen material is a good choice when producing video images with a projector that has good black levels.

Gain 1.0 Viewing Angle 55°

Wide Angle Polacoat® Optical Coatings

DA-75 WA

A light gray diffusion coating with a .75 gain and extremely wide viewing angles. DA-75 WA is designed for use in applications where a short throw lens is required. Due to the increased half angles, DA-75 WA performs well with wide format screens. From the viewer's perspective, side-to-side uniformity of the screen is maximized.

Gain 0.75 Viewing Angle 78°

DA-100 WA

A light gray diffusion coating that provides a unity gain and especially wide viewing angles. This wide angle optical coating is designed for use in applications where a short throw lens is required. Due to the increased half angles, DA-100 WA performs well with wide format screens. From the viewer's perspective, side-to-side uniformity of the screen is maximized.

Gain 1.0 Viewing Angle 52°

Profiled Type Display Screens

POLACOAT® ULTRA

This revolutionary screen combines your choice of a Polacoat diffusion coating and a Fresnel lens. This design offers the best center to edge uniformity obtainable from multiple lens projection systems or a single lens projection system utilizing a short throw lens option. Available in sizes up to 125" diagonal. Gain and viewing angle depend on the Polacoat diffusion coating selected.

DA-VIEW

A profiled type display screen that offers a bright image at a relatively wide field of view perfect for single image display. This screen is a single element double profile cast acrylic with a back surface comprising a Fresnel lens and the front surface exhibiting an array of lenticulations. Fresnel grooves have a pitch of .5 mm and the lenticulations have a .28 mm pitch.

Gain 3.5 Viewing Angle 32°



Da-Lite offers a wide range of rigid rear projection screen systems for any home theater application. Featuring bright, high resolution images, these screens allow viewers to enjoy their theaters without turning the lights off and keep all of the projection equipment out of sight.

Rear Projection

P R I V A T E S C R E E N I N G



Above and top left: Installation images courtesy of Advanced Residential & Commercial Electronics
Left: Installation image courtesy of Audio Video Excellence

REAR PROJECTION SCREENS



Installation image courtesy of Fred Allen and Associates

POLACOAT®

VIDEO FORMATS

Viewing Area H x W	Nominal Diagonal
36" x 48"	60"
40 1/4" x 53 3/4"	67"
43 1/4" x 57 3/4"	72"
50 1/2" x 67 1/4"	84"
54" x 72"	90"
57 3/4" x 77"	96"
60" x 80"	100"
72" x 96"	120"
* 81" x 108"	135"
* 90" x 120"	150"
* 99" x 132"	165"

Da-Lite's Polacoat® rear projection diffusion screens offer the highest resolution and are available in a choice of six unique optical coatings to match individual application requirements. Da-Lite's diffusion coating is permanently bonded to the glass or acrylic and cannot peel off like laminated film or vinyl based diffusion screens. Four factory-framing options are available for an easy, attractive installation into a wall or cabinet.

POLACOAT® ULTRA

Da-Lite's Polacoat® Ultra series offers the most superior performance available in rear projection screens. The unique combination of an optical coating with a Fresnel lens offers a wide viewing angle and even brightness with no hot spots or color shift. Four factory-framing options are available for an easy, attractive installation into a wall or cabinet.

HDTV FORMATS

Viewing Area H x W	Nominal Diagonal
40 1/2" x 72"	82"
45" x 80"	92"
52" x 92"	106"
* 58" x 104"	119"
* 65" x 116"	133"
* 78" x 139"	159"

*Sizes not available on Polacoat® Ultra and Da-View.

DA-VIEW

Da-Lite's Da-View is an ideal choice for rear projection when ambient light in a room cannot be controlled. The Da-View is a one-piece optical rear screen that utilizes both a Fresnel lens and a lenticulated front profile. This screen offers wide viewing angles and is ideal for video projection. Four factory-framing options are available for an easy, attractive installation into a wall or cabinet.

Specifications, detailed dimensional drawings and installation instructions available upon request.

REAR PROJECTION SCREENS



Installation image courtesy of Heil Sound, Ltd.

MILLENNIUM REAR PROJECTION MODULE (RPM)

The RPM is a rear projection mirror system and an ideal solution to reduce the overall space required for a rear projection installation. The use of mirrors “folds” the projection beam so that it travels its full distance in a confined space. Each system is precisely engineered to match individual system requirements, includes a trapezoid-shaped first surface glass mirror and an adjustable projector cradle to fit the specified projector. The RPM can be ordered with any of Da-Lite’s rear projection screens in either a one or two mirror configuration. Complete design service available to assist with the overall layout and planning of each custom installation.



Specifications, detailed dimensional drawings and installation instructions available upon request.

**DA-LITE SCREEN
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Just Watch Us!