



visual impact from any angle

introducing the new
Vikuiti™
Rear Projection Display Screen

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Vikuiti™ Rear Projection Display Screen

1. Introduction

For stunning images that are brilliantly sharp and clear the Vikuiti Rear Projection Display Screen gives high resolution and extreme contrast, brighter than conventional front or rear projection screens.

Graphics, charts, static images and video now have increased impact with rich colours and high resolution.

Key Features:

High contrast and throughput

Excellent images under almost any lighting conditions. The non-glare and low reflective surface resists ambient light washout

Wide angle viewability

No "hot spots" or "dark corners", consistent brightness. Displays sharp images at all angles

Size

Available in 60" 67" 80" and 95" diagonal sizes in both 4:3 and 16:9 aspect or can be cut to a size of your choice including circles and ovals.

Stylish

Slim black finish blends well in any location

Durability

Integrated protective cover resists scratches and impacts

Easy to position

Screen is 5mm thick and can be used on table top applications or suspended from the ceiling with lightweight cables or frames.



Not supplied with frame





Vikuiti™ Rear Projection Display Screen

2. Product shots



Not supplied with frame

Vikuiti Display Screens are rapidly changing the perception of projection screen viewing. It is an advanced rear projection screen that combines the focusing power of an optical lens with a black, light absorbing layer to produce brilliant, high contrast images ; even in brightly-lit environments.





Vikuiti™ Rear Projection Display Screen

3. Applications



Retail

Ideal for showroom and window applications; both static and video images can be projected onto a screen that can be up to a 95" diagonal in size.

The display can be viewed from the outside both by day and by night.



Learning

Viewing from wide angles with high levels of contrast enables presenting to a large number of individuals without compromising image quality. Ideal for situations where there is a high level of ambient light.



Exhibitions

Large scale, sharp images add instant impact to exhibition stands and create additional interest and excitement.



Installations

Control rooms and operation centres that require displays showing complex and detailed information.



Other applications

Conference theatres and meeting rooms - Presentations and financial reviews. Education - Training and learning. Control rooms - Charts, maps and schematics. Airports - Departure and arrival information. Events - Shows, displays and tourist attractions.

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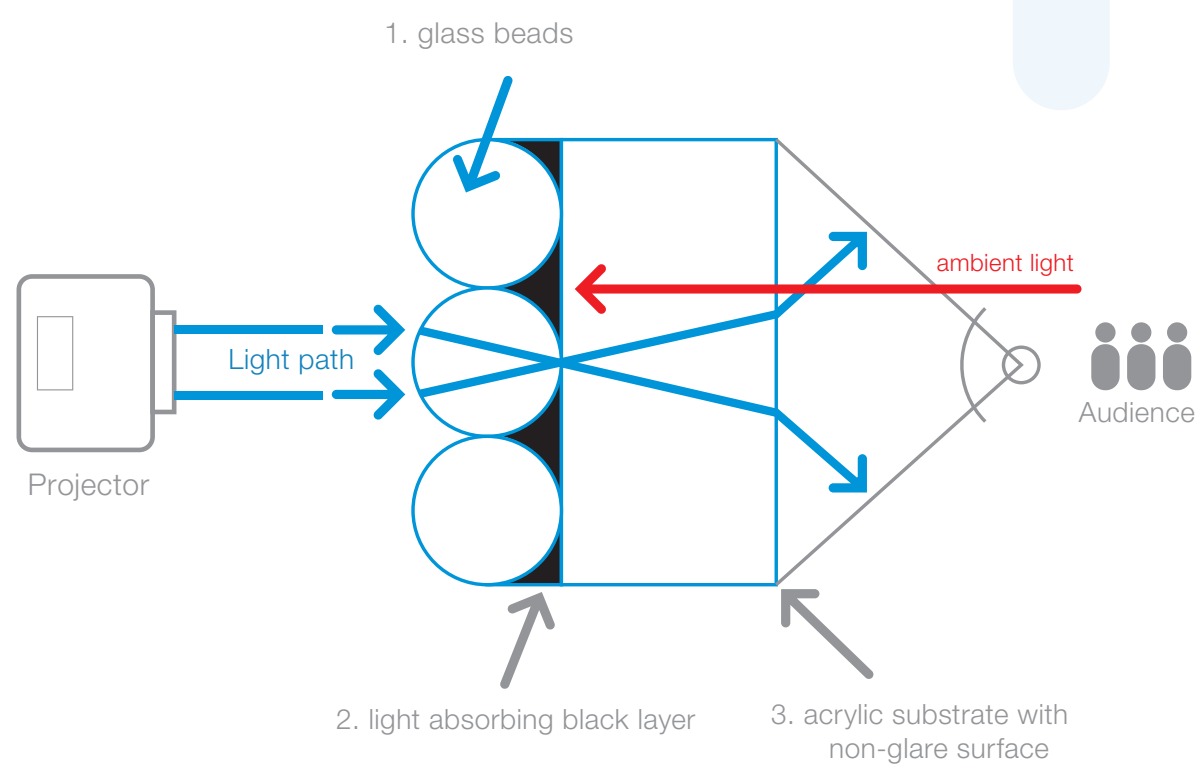


Vikuiti™ Rear Projection Display Screen

4. How it works

The Vikuiti™ rear projection screen combines the focusing power of an optical lens with a black, light-absorbing layer to produce high contrast images, even in brightly-lit environments.

Millions of microscopic glass spheres focus the projected light so it exits at just one small point. The black layer then absorbs the ambient light, producing a high contrast image.





Vikuiti™ Rear Projection Display Screen

5. Other useful information

Vikuiti rear projection screens allow very high light transmission through the screen enhancing the clarity of the projected image and there is no distortion of colour regardless of the viewing angle.

Cleaning Requirements

They can be cleaned by washing with a solution of mild soap or detergent and lukewarm water. Use a clean soft cloth, applying only light pressure. Rinse with clean water and dry by blotting with a damp cloth or chamois.

DO NOT USE Window cleaning sprays, kitchen scouring compounds or solvents such as acetone, gasoline, benzene, alcohol, carbon tetrachloride or laquer thinner. These can scratch/deteriorate the screen surface.





Vikuiti™ Rear Projection Display Screen

Minimum Throw Distance v Screen Diagonal

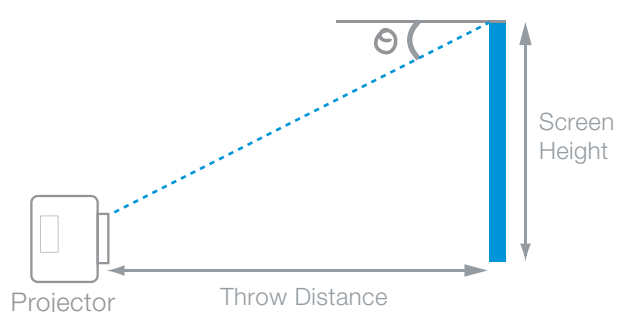


Figure 1

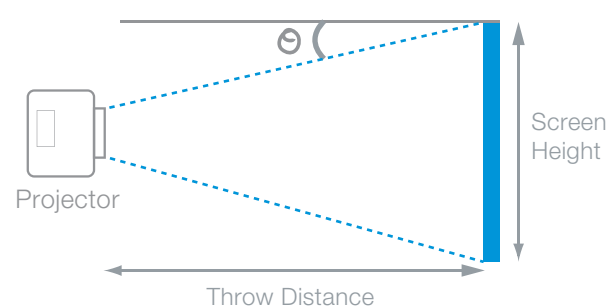


Figure 2

Minimum Ratio of Throw Distance to Screen Diagonal

Figure no.	Ratio 4:3	Ratio 16:9
1	1.8 x L*	1.6 x L*
2	1.1 x L*	1.2 x L*

* L = the length of the screen diagonal. Where throw distance is less than this figure a fresnel lens is recommended

For projection systems such as that shown in Figure 1, with the projector placed off-axis to the screen, a throw distance to screen diagonal ratio of at least 1.8M is recommended. For ratios less than 1.80 a fresnel lens is recommended.

For projection systems such as that shown in Figure 2, with the projector placed on-axis (centered) to the screen, a throw distance/screen diagonal ratio of at least 1.1M is recommended. For ratios less than 1.10 a fresnel lens is recommended.





Vikuiti™
Rear Projection Display Screen

6. Product Range and Contact Details

Available sizes and Stock Numbers

Type: screen diagonal (Inches)	Format	Inches		mm		Product No.
		Width*	Height*	Width*	Height*	
60"	4:3	49.0	37.0	1245	940	98-0440-1294-0
67"	4:3	55.0	41.75	1397	1060	98-0440-1293-2
80"	4:3	64.0	48.0	1626	1219	98-0440-1292-4
60"	16:9	53.5	30.5	1359	775	98-0440-1291-6
67"	16:9	59.5	34.0	1511	864	98-0440-1290-8
80"	16:9	70.75	40.25	1797	1022	98-0440-1289-0
95" **	16:9	84.0	48.0	2134	1219	98-0440-1288-2

*Actual screen dimensions include 1" or 2.5cms allowance for framing i.e. when framed each screen has a visible screen diagonal as in column 1

** No allowance needs to be made for the 95" screen

For more information contact
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