

The background features a black field with several large, curved, 3D-rendered shapes. At the top, there are three blue shapes that curve downwards and to the right. At the bottom, there are three red shapes that curve upwards and to the right. The shapes have a glossy finish and are set against a white background that appears to be the surface of a curved object.

**ProScreen Displays Ltd**  
Innovating Projection Displays

**Product Brochure**

# WHAT WE DO

## Innovating Projection Displays

ProScreens have moved projection screen technology to a new level with a range that includes rear projection, dual projection and holographic screens. Used in conjunction with our interactive touch foils, all of our projection screens can be quickly and easily converted into a fully interactive display.

As a supplier of all the latest brands, we can also offer the full AV solution including HD projectors, screens, mounts and fixings, whether the installation is for a store window, conference backdrop or an outdoor roadshow.

Utilising our experience in the industry, we have also created a standard range of multi touch tables and have supplied custom designs for retail, exhibition and the heritage sector.

With 3D holographic display products completing the range, we're sure to have a product suitable for your application.

## Suitable Environments and Applications

Point of Sale	Office Presentations	Restaurants
Trade Shows	Night Clubs	Live Shows
Reception Areas	Shopping Malls	AV Rentals
Window Displays	Museums	Airports
Exhibitions	Home Theatre	Theatre
Sports Arenas	Casinos	Gymnasiums
Hotel Lobbies	Sports Bars	Entertainment Events

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## ULTRA XC

Ultra XC is the most significant film launched by ProScreens - a daylight capable screen, Ultra XC is ideal for a variety of applications and exceptional in high street store windows. A self-adhesive backing also allows for a quick and easy install.

Charcoal coloured to provide superb contrast, the Ultra XC screen does not crystallize or hotspot, enabling it to be used in conjunction with short-throw or acute angle projectors.

As with all of our film and fabric screens, Ultra XC can be cut using conventional tools such as a Stanley knife or scissors, making it ideal and cost effective for bespoke screen applications.

Our Ultra XC screen is also compatible with infrared technology and is used on our own multi touch tables.

### Technical Specification

Property	UOM	Result
Thickness	mm	0.10
Maximum Width	mm / ft	10,000 / 32.8
Maximum Height	mm / ft	1524 / 5
Contrast Ratio	-	300 : 1
Gain	-	4
Viewing Angle	°	180°
Transmittance	%	85

## FILM SCREENS



## CLARITY

Clarity is ideal for a variety of applications and in particular, where transparency is required offering an uninterrupted view through the screen when not in use.

The self-adhesive backing also allows for a quick and easy install.

Essentially clear with a hazy appearance, to hold the image, Clarity helps to produce a holographic effect with images moving across the screen.

As with all of our film and fabric screens, Clarity can be cut using conventional tools such as a Stanley knife or scissors, making it ideal and cost effective for bespoke screen applications.

### Technical Specification

Property	UOM	Result
Thickness	mm	0.10
Maximum Width	mm / ft	10,000 / 32.8
Maximum Height	mm / ft	1524 / 5
Contrast Ratio	-	-
Gain	-	6
Viewing Angle	°	150°
Transmittance	%	88



## ECLIPSE II

# RIGID SCREENS

Eclipse II is the brightest screen in the ProScreens range and is specifically designed for demanding environments such as control rooms.

A daylight capable screen, Eclipse II is ideal for any application where exceptional clarity and contrast are required.

Aesthetically, it is the darkest of our screens, similar to Ultra XC film, and delivers a superb contrast ratio combined with high definition and excellent resolution.

As with all of our rigid screens, Eclipse II can be cut using conventional tools from a wide area sheet of 3050 x 2030mm or supplied in the appropriate screen sizes.

At 3mm thickness, this rigid screen can be self-supporting, dependent upon screen size and aspect ratio, mounted in a frame or suspended from overhead.

### Technical Specification

Property	UOM	Result
Thickness	mm	3
Maximum Width	mm / ft	3050 / 9.84
Maximum Height	mm / ft	2030 / 6.56
Contrast Ratio	-	200 : 1
Gain	-	5
Viewing Angle	°	175°
Transmittance	%	85



## CLARITY

The rigid Clarity screen is ideal for a variety of applications and particularly, where transparency is required offering an uninterrupted view through the screen when not in use and partial transparency when being projected on.

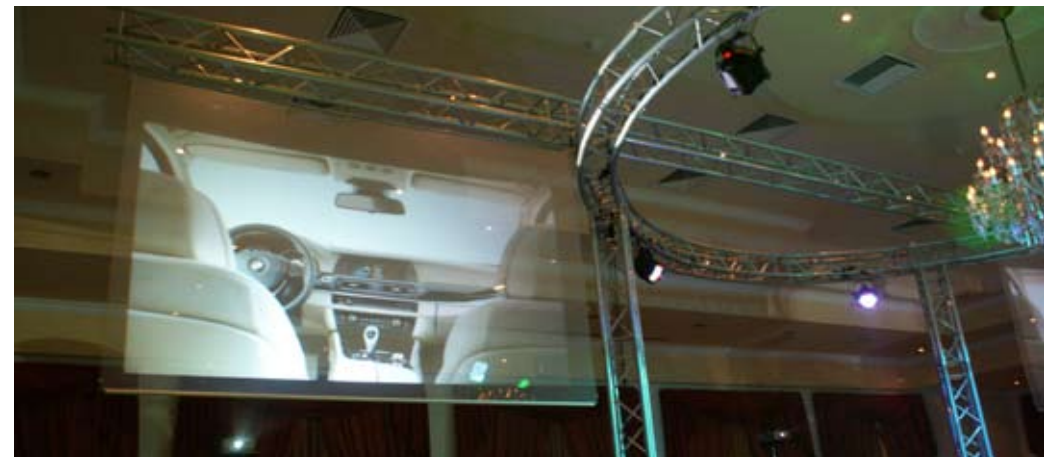
Essentially clear with a hazy appearance, to hold the image, Clarity rigid operates on the same principles as the film screen, delivering a holographic effect with images moving across the screen.

As with all of our rigid screens, Clarity can be cut using conventional tools from a wide area sheet of 3050 x 2030mm or supplied in the appropriate screen sizes.

At 3mm thickness, this rigid screen can be self-supporting, dependent upon screen size and aspect ratio, mounted in a frame or suspended from overhead.

### Technical Specification

Property	UOM	Result
Thickness	mm	3
Maximum Width	mm	3050 / 9.84
Maximum Height	mm / ft	2030 / 6.56
Contrast Ratio	-	-
Gain	-	6
Viewing Angle	°	150°
Transmittance	%	88



## MIRROR

Our rigid, two-way acrylic mirror projection screen allows for viewing from both sides with no hot spot.

When in use as a projection screen, the mirror delivers an outstanding image quality and reverts back to a standard mirror when not in use.

As with all of our rigid screens, mirror can be cut using conventional tools from a sheet size of 2400 x 1200mm or supplied in the appropriate screen sizes.

At 3mm thickness, this rigid screen can be self-supporting, dependent upon screen size and aspect ratio, mounted in a frame or suspended from overhead.

### Technical Specification

Property	UOM	Result
Thickness	mm	3
Maximum Width	mm / ft	1200 / 4
Maximum Height	mm / ft	2400 / 8
Contrast Ratio	-	100 : 1
Gain	-	2
Viewing Angle	°	160°
Transmittance	%	88



## AURA

# FABRIC SCREENS

Our Aura fabric screens are dual projection, in that they can be used for either front or rear projection.

Being a fabric, Aura screens will lend themselves to other shapes of screen including convex or concave.

Flexible and waterproof, they are suitable for use both indoors and outdoors. The most portable of all our screens, they can be rolled up, moved and re-used.

Installation is also flexible as the screen can be mounted directly onto a glazing panel of acrylic or glass, using a spray mount adhesive, or can be used within a frame or suspension kit.

Available in a large format, our fabric screens can also be sonic welded to create an ultra wide format and can be eyeleted to aid with installation if required.



### Technical Specification (AURA HC)

Property	UOM	Result
Thickness	mm	0.1
Maximum Width	mm / ft	10,000 / 32.8
Maximum Height	mm / ft	2400 / 7.87
Contrast Ratio	-	200 : 1
Gain	-	4
Viewing Angle	°	180°
Transmittance	%	90

### Technical Specification (AURA DARK)

Property	UOM	Result
Thickness	mm	0.1
Maximum Width	mm / ft	10,000 / 32.8
Maximum Height	mm / ft	2000 / 6.56
Contrast Ratio	-	300 : 1
Gain	-	2
Viewing Angle	°	180°
Transmittance	%	88

# TOUCH FOILS

Simple to install, our interactive touch foils will convert any of our projection screens into a fully interactive display.

What's more, they can all be used for through window applications and so are ideal for high street store windows. Customers can access information on products and services day and night with the ability to switch the screen to clear, dependent upon the projection screen used, when you want the customer to have a clear view into the store.

With standard sizes available from 30 to 100" at 4 : 3 and 30 to 116" at 16 : 9 aspect ratios, we can also supply other sizes on request.

Position of accuracy is approximately 3mm absolute, 1mm relative with no drift.



# MULTI TOUCH TABLES

While we offer three standard tables with 40, 50 and 60" screen sizes, there is nothing standard about them with all delivering the features and functionality you would expect from a next generation multi touch system.

Pre-loaded with software to recognise the prerequisite touch gestures and 20 multi touch applications, customer specific content can also be added and then the tables are ready to go.

Utilising a high contrast Ultra XC screen with 1280 x 800 wide screen resolution, our multi touch tables are ideal for a wide variety of applications and as the name suggests, can be used by multiple people at any one time.

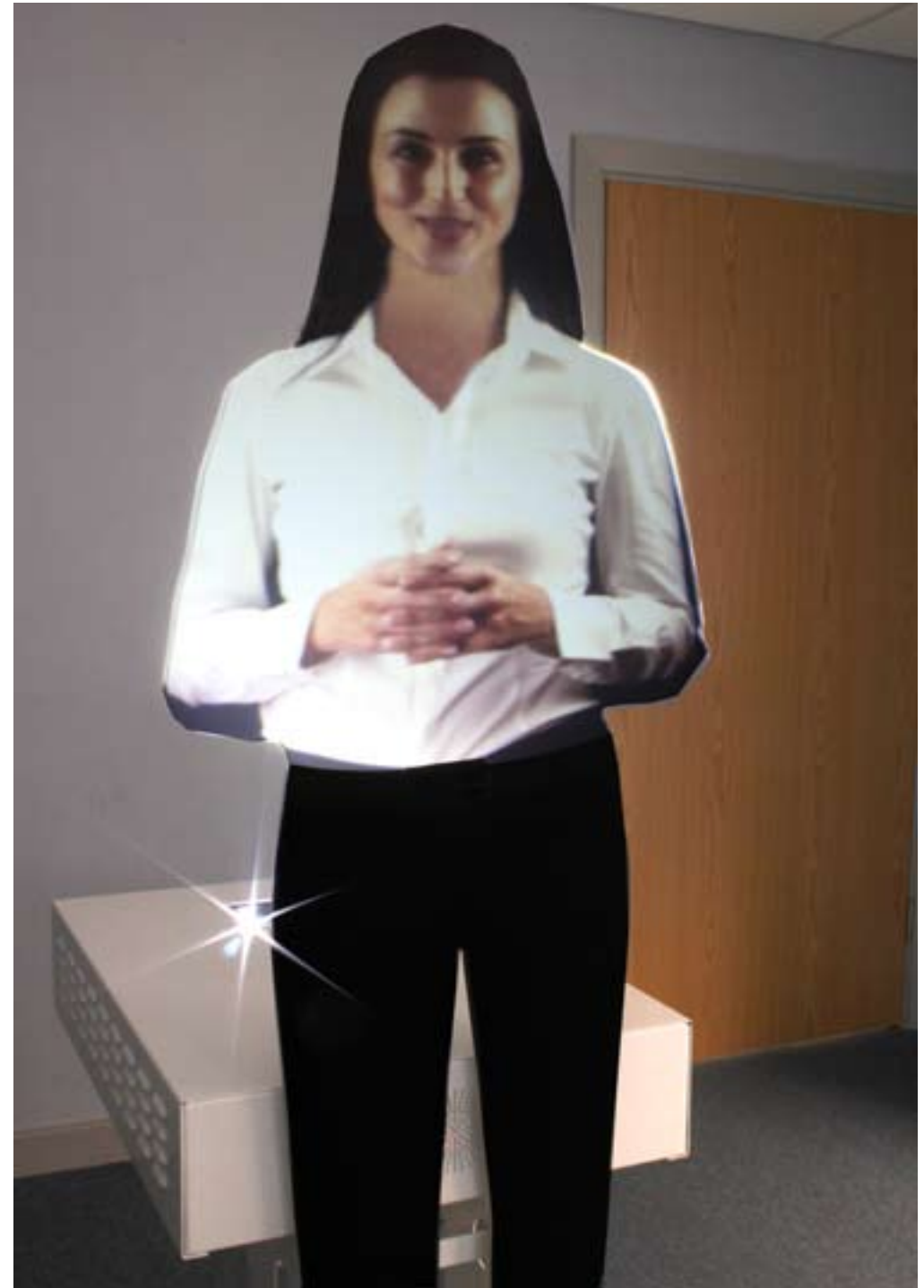
In addition to our standard models, we can also offer bespoke tables at significantly increased sizes for any application, whether it be for a museum, exhibition or retail space.



# VIRTUAL MANNEQUIN

Virtual mannequins are an ideal, interactive display to inform customers, visitors and guests. Whether promoting special offers, in-store promotions or being used as entertainment at special events, the virtual mannequin is the ideal medium to deliver your message.

Complete with the Epson 460 projector and award winning 3 year lamp warranty in the UK, the virtual mannequin also includes HD content media player and loudspeakers.



# DREAMOC DISPLAY

The Dreamoc display showcases real products with free floating holographic 3D images. Lighting has been configured to present the product and deliver on the image quality to great effect.

With a simple plug and play functionality, the Dreamoc unit features an integrated CF card player with Ethernet connection options.

Reliable and built to enable constant use, the Dreamoc display unit provides something different.





# PROSCREENS

For more information please contact us at :

ProScreen Displays Ltd  
Unit 506  
Phoenix Close Industrial Park  
Heywood  
OL10 2JG

T 0044 (0)1706 625 824  
F 0044 (0)1706 691 202  
E [sales@proscreenltd.com](mailto:sales@proscreenltd.com)

[www.proscreenltd.com](http://www.proscreenltd.com)