



Photo courtesy of Harrah's East Chicago Casino & Hotel. Three Cinescreens shown in Ace's Diner. Each screen is a Cineplex, 3/8" thick with HC optical tint and Cine 10 optical coating, with a System 400 Cineframe. Dealer: PSX Worldwide Audiovisual Technologies, Covington, LA

REAR PROJECTION SCREENS FROM DRAPER

THE LEADER IN INNOVATION

Each rear projection system needs to fit its environment: audience seating, projector (light output, resolution, image format) and room light level. Only DRAPER can provide six distinct rear projection screen technologies.

IRUS

WHEN LEGIBILITY IS THE KEY.

The DRAPER IRUS—INFINITE RESOLUTION UNIFORMITY SCREEN—is specifically designed to provide maximum legibility with any projector. Today's SXGA and UXGA displays offer higher resolutions than ever before—and that means more information for your audience to absorb. With these projectors, you need a screen that's up to the challenge.

- Uniform resolution compatibility
- Uniform center-to-corner brightness
- Superior color reproduction
- Excellent contrast
- Unique antiglare finish on 1/4" acrylic substrate
- 1.0 gain across a 180° viewing cone
- Sizes through 120" diagonal
- Ideal for SXGA or UXGA displays; ready for the next generation of higher resolution projectors

VORTEX

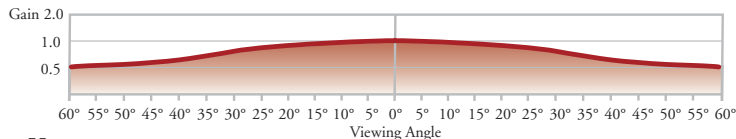
COMBINING THE BEST OF OPTICAL AND DIFFUSION REAR SCREEN TECHNOLOGY.

The VORTEX is a marriage of the best features of two rear screen technologies—optical and diffusion. A 0.5 mm Fresnel lens gathers the light from the projector and directs it at a right angle through the screen. As the light exits the screen on audience side, a diffusion medium redistributes the light evenly in all directions—up, down, left, right and center.

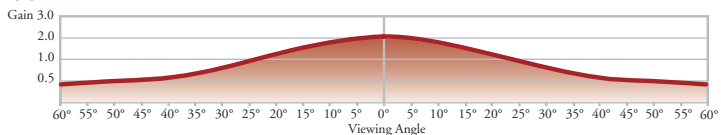
- Superior resolution and color contrast
- Wide viewing cone in both the horizontal and vertical axes
- Extraordinary center-to-corner brightness ratio
- Uniform brightness without
- Designed for use with single lens projectors.
- Well suited for use in videowalls and rooms with tiered seating patterns.
- The diffusion medium is in the acrylic, so it is difficult to scratch or damage.

BRIGHTNESS & UNIFORMITY—The charts below illustrate the gain (brightness) and uniformity of DRAPER rear projection screens. The flatter the curve, the greater the uniformity of the image they will see. The higher the curve, the brighter the image will be (at center).

IRUS



VORTEX



DIMENSIONS & DATA—IRUS & VORTEX

Nominal Diagonal	Image Area H x W	Overall Size	Net Wt. (lbs.)
NTSC Video Format (4:3)			
60"	36" x 48"	37" x 49"	16
67"	40 1/4" x 53 3/8"	41 1/4" x 54 5/8"	18
72"	43 1/4" x 57 3/8"	44 1/4" x 58 3/8"	20
84"	50 1/2" x 67 1/4"	51 1/2" x 68 1/4"	27
90"	54" x 72"	55" x 73"	31
96"	57 5/8" x 76 7/8"	58 5/8" x 77 7/8"	44
100"	60" x 80"	61" x 81"	46
120"	72" x 96"	73" x 97"	66
HDTV Format (16:9)			
92"	45" x 80"	46" x 81"	31
106"	52" x 92"	53" x 93"	52
Large sizes below are available only for Vortex			
NTSC Video Format (4:3)			
125"	74 3/4" x 99 3/4"	75 3/4" x 100 3/4"	71
140"	84 3/8" x 112 3/8"	85 3/8" x 113 3/8"	128
150"	90 3/8" x 120 3/8"	91 3/8" x 121 3/8"	146
160"	96 3/8" x 128 3/8"	97 3/8" x 129 3/8"	165
HDTV Format (16:9)			
119"	58" x 104"	59" x 105"	71
133"	65" x 116"	66" x 117"	83

INSTALLATION

When framing a single IRUS, VORTEX or DIAMONDScreen, select DRAPER'S SYSTEM 100, 200 or 400 framing systems. See details on page 37. For multiple screens or VIDEOWall applications, our ZERO EDGE FRAMING SYSTEM is compatible. See details on page 39.