

IRUS—

Infinite
Resolution
Uniformity
Screen



Michigan Virtual University

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.

In order to convey an increasing amount of information to the viewer, the IRUS uses proprietary technology to display the sharpest, most uniform image you’ve ever seen. An improvement for every rear screen application, the IRUS actually provides higher resolution than the human eye can perceive. The image is so consistent that it can be clearly seen even at 90° off axis (although most subject matter would be extremely distorted from this perspective). Brightness is consistent from center to corner—free of “hot spots”. The IRUS provides excellent contrast, even in lighted rooms, with superior color reproduction.

The IRUS is perfect for command and control centers, where operators often have to watch for small changes in a large grid of screens for hours on end. Under those demanding conditions, the IRUS offers—

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

Installation

When framing a single screen, select DRAPER’S SYSTEM 100, 200 or 400 framing systems. See details on page 41. For multiple screens or VIDEO WALL applications, our ZERO EDGE, CLEAR LEXAN or SYSTEM 200 VIDEO WALL FRAMING SYSTEMS are compatible.

Dimensions & Data—IRUS

Nominal Diagonal	Viewing Area	Overall Size	Net Wt. (lbs.)
<i>NTSC Video Format (3:4)</i>			
60"	36" x 48"	37" x 49"	19
67"	40¾" x 54"	41¾" x 55"	24
72"	43¼" x 57¾"	44¼" x 58¾"	27
84"	50¾" x 67¼"	51¾" x 68¼"	37
90"	55" x 73"	56" x 74"	43
96"	58¾" x 77¾"	59¾" x 78¾"	49
100"	61" x 81"	62" x 82"	53
120"	73" x 97"	74" x 98"	76

Specifications—IRUS

DRAPER IRUS—INFINITE RESOLUTION UNIFORMITY SCREEN, size (up to 74" x 98" or 120" diagonal). Material to be acrylic, one-piece, with unique antiglare finish. Must be compatible with single lens projection technology, and guaranteed not to dual image, ghost or moiré. Screen to have uniform center-to-corner brightness, superior color reproduction, excellent contrast, 1.0 gain, 180° viewing cone. Screen to be capable of handling high resolution up to 1200 x 1600.

Options: Single screen to be furnished with factory installed anodized aluminum frame, SYSTEM (100/200), in (clear/black) finish, or SYSTEM 400, in black finish. For multiple screens or VIDEO WALL applications, specify DRAPER’S ZERO EDGE, CLEAR LEXAN® or SYSTEM 200 VIDEO WALL FRAMING SYSTEMS.

Note to Specifiers: Be sure to specify overall screen size as well as opening size. DRAPER cannot recommend field cutting or alteration.