



PRODUCT SPECIFICATION

HoloVue™ (HVU™) HOLOGRAPHIC REAR SCREEN



Actual "Life-size" HVU™

Overview:

The HoloVue™ (HVU™) is a single element, diffusive projection screen designed for use with a single projector to create an apparently three-dimensional, "holographic" image. For use in almost any environment, HVU™'s unique properties allow a projected image to virtually "float" in space, enabling the viewer to both resolve the image as well as see through it. Beyond the interesting "holographic" effect, HoloVue™ maximizes information display area with the projection of large images directly in front of otherwise obscured subjects.

Available in sizes up to 108" x 240", the perceived 3D depth created by HoloVue™ is derived from diffractive instead of stereoscopic technology, thereby eliminating the need for expensive "time sequential stereographic" or even simpler polarizing equipment (glasses, etc.) and processes.

HoloVue™ is a simple, cost effective way to display projected information with a seemingly holographic effect. HoloVue™ also available in varying degrees of opacity, to suit your particular display needs and the technology is not "projector angle dependent," which makes projector placement very flexible.

Big, bright, holographic looking images with today's most common projectors. Optimize your "floating image" display needs by specifying Custom Display Solution's HoloVue™ for your application.

Technical Specifications

General:

The rear projection screen shall be a HoloVue™ as provided by Custom Display Solutions, Inc. The screen shall have an on-axis gain value of 2.5-5.0 and a conical half-gain performance of 28-43° (depending upon opacity from 40%-93%). The screen shall have an acceptable viewing cone of 160°. The screen shall exhibit no “double imaging” or image “ghosting,” particularly under close-quarters scrutiny, and shall render images in a perceptibly holographic manner.

Construction:

The screen shall be of single-piece, XY Axis, Curtain-Coated, PMMA acrylic construction. The screen shall feature a fine, highly translucent emulsion coating with a satin finish on the audience side. The screen shall be of single-piece design. Image sizes shall accommodate up to 108” x 240” and shall be available in custom cut shapes and sizes.

Warranty:

The Factory Warranty shall cover all parts and labor for one full year from invoice date against defects in manufacturing. In this unlikely event, the manufacturer reserves the right to either repair or replace the screen in achieving the customer’s satisfaction.