PRODUCT SPECIFICATION

VistaPlex 130™ (VPX 130™)

FLOWCOATED DIFFUSION REAR SCREEN

Active 100" Diagonal VPX 130™ Screens

Overview:

The VistaPlex 130™ (VPX 130™) from Custom Display Solutions, Inc. represents the finest in flow-coated, rear screen diffusion technology. The VPX 130™ Rear Screen is comprised of "rare earth" micro-alloys suspended in a proprietary mixture that is meticulously applied to acrylic substrates of the finest optical quality. The VPX 130™ is an economical, high-resolution, neutral gray contrast rear projection screen, specifically formulated to make the most of large format, rear-projected images.

Being of XY Axis Coat design, the VPX 130™ features great brightness uniformity and crisp image resolution, with a wide, conical viewing area.

Available in sizes up to 108" x 240", the VistaPlex 130™ can be cut to any aspect ratio or shape to meet your particular application. With substrates ranging in thickness from 1/8" to 2.0" and thicker, the VPX 130™ can be used for both conventional boardrooms as well as special applications. Installed in a wall or suspended above a tradeshow floor, the VPX 130™ is one of the most versatile & economical rear screens on the market today.

VistaPlex 130™ is the result of years of R&D to come up with the perfect diffusion screen formulation for today's budget-minded rear screen systems. For use with most contemporary projection systems, the VPX 130™ makes great images for a variety of applications. If you're interested in a cost-effective rear screen that will make your projector shine, be sure to specify Custom Display Solution's VistaPlex 130™ for your application.

CUSTOM DISPLAY SOLUTIONS, INC.
2926 West Pendleton Avenue, Santa Ana, CA 92704 Phone: (714) 540-5220 Fax: (714) 540-5221
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Technical Specifications

General:

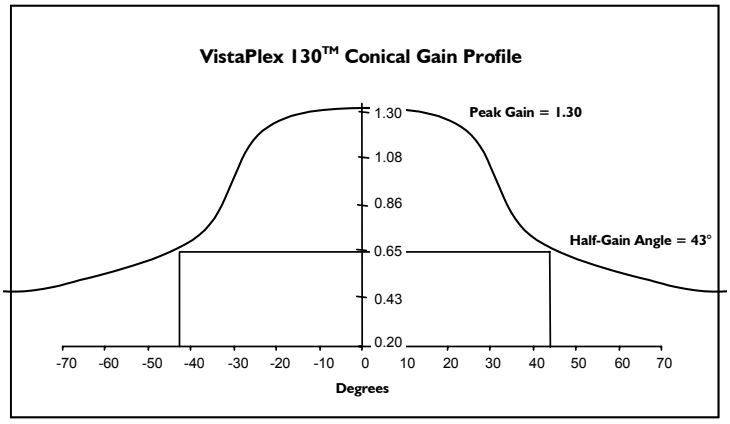
The rear projection screen shall be a VistaPlex 130™ as provided by Custom Display Solutions, Inc. The screen shall have an on-axis gain value of 1.30 and a conical half-gain performance of 43°. The screen shall have an acceptable viewing angle of 180° and a contrast ratio of approximately 85:1 at 500 lux (46fL).

Construction:

The screen shall be of single-piece, PMMA acrylic construction. The screen shall feature an X-Y Axis, flowcoated optical emulsion surface of not more than 8 ml thickness. The screen may also be coated on the reverse side with an Anti-Retroreflective Coating (ARC™) to prevent retroreflection where it is a mathematical probability. Available sizes shall be up to 108" x 240" and shall available in custom cut formats.

Warranty:

The Factory Warranty shall cover all parts and labor for two full years 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.



SCREEN PROPERTIES	VPX130™ VALUES
On-Axis Gain	1.30 (+/- 0.5)
Conical Half-Gain Angle:	43°
Contrast Ratio @ 500 lux (46fL)	~ 85:1
Transmission	~ 50%
Reflectance	4.00%
Back Reflectance	~5% (with ARC™)
Fresnel Pitch	N/A
Fresnel Focal Lengths (50"-200")	N/A
Finish	Matte
Construction	FlowCoated PMMA
Nominal Thickness (50"-200")	6.0-12.0mm

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