TECVISION™

Engineered Screen Technology

A New Reality In Picture Quality

All TecVision Viewing Surfaces are 4K Ready &
ISF Certified for Color Accuracy!

isf® 4K READY!

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www.draperinc.com/go/TecVision.htm

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A New Reality In Picture Quality

In recent years projectors and projection technology have been advancing quickly.

Draper has worked to advance our screens as well. We have focused resources on product design, with innovations like the Access family of motorized screens, improved tab tensioning system and revolutionary modular portable screens.

A few years ago we moved our primary focus to the surfaces themselves, and their optical performance. We built a world class testing lab, and worked with consultants and key suppliers to identify and refine ingredients to improve the optical performance of our surfaces. Since then we have introduced 16 new surfaces to address specific needs in the marketplace. And we developed the new standard in surface planning tools, the Draper Projection Planner. Visit ***http://www.draperinc.com/DraperPro*** to register and get access to this and the other great tools Draper offers.

There are few companies in the world who are experts in designing projection screen surfaces. Most screen fabrics are made by firms whose primary business is manufacturing textiles for other purposes. We have made a major investment in equipment, expert personnel and research time specifically to offer a line of revolutionary new surfaces that are unmatched by any other screen manufacturer in the world.

TecVision™ Engineered Surface Technology is offered in six exclusive formulations on Draper tab tensioned and permanently tensioned screens. Five white surfaces are available with gains ranging from 1.0 to 1.8 across remarkably wide viewing cones. Three ambient light rejecting grey surfaces offer excellent performance under higher room light levels.

These premium surfaces are not sold online and are only available through qualified Draper dealers.

Why TecVision?

When Draper committed to offering a line of revolutionary new surfaces, we started with exhaustive research. TecVision was born as we researched many competitive surfaces, explored the chemistry of screen surfaces and refined processes to manufacture screen surfaces to much stricter tolerances for unparalleled performance and quality.

How Did We Do It?

Quality— Our dedicated TecVision production and lab staff, using custom designed equipment, constantly monitors the process, performing multiple checks to ensure TecVision surfaces remain within tolerances which ensure the highest picture quality possible.

Precision Manufacturing— When it comes to consistency of gain, contrast and gloss across the entire screen no viewing surface anywhere offers better uniformity than TecVision surfaces.

Unique Properties— TecVision surfaces offer unparalleled performance and features that set them apart from the competition.

- All TecVision surfaces are ISF Certified for optimal color accuracy and fidelity by the Imaging Science Foundation. No other line of viewing surfaces in the AV industry can make this claim!
- TecVision have better off axis performance than competition with similar product specifications
- TecVision surfaces offer minimal variance in gain spec and optimal uniformity
- TecVision grey surfaces offer better ambient light performance qualities (XH700X Grey, XH900X Grey and MS1000X Grey)
- TecVision surfaces feature carefully formulated light absorbing dark backing which prevents picture degradation from light behind the screen
- TecVision surfaces are 4K ready to ensure optimal image performance under the highest resolutions

TecVision Delivers Unparalleled Performance For The Most Demanding Applications

Individual TecVision Surfaces

The following are the eight surfaces that make up the TecVision family of viewing surfaces and the applications for which they are best suited. Watch for additions to the TecVision line of surfaces as we uncover additional needs in the AV industry.

- All TecVision surfaces are engineered for high contrast, precise resolution, color accuracy and the broadest possible viewing cone.
- All TecVision surfaces offer superior quality, consistency, uniformity and are 4K ready.
- Also available in acoustically transparent perforated or nanoperforated surfaces. Perforated surfaces are not recommended for viewing less than 20' from the screen. Nanoperforated surfaces are not recommended for viewing less than 10' from the screen.

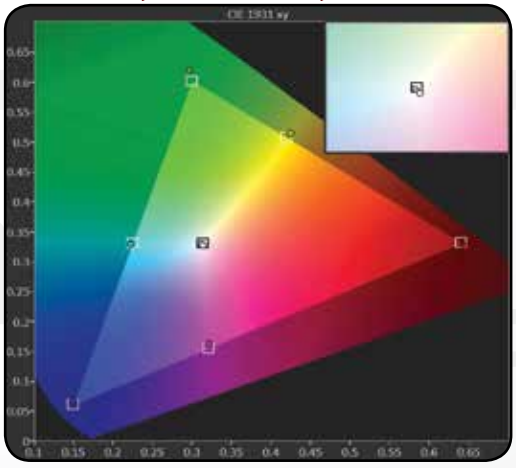
XH700X Grey

Extra Wide Viewing Cone/
High Contrast/On-Axis Gain of 0.7

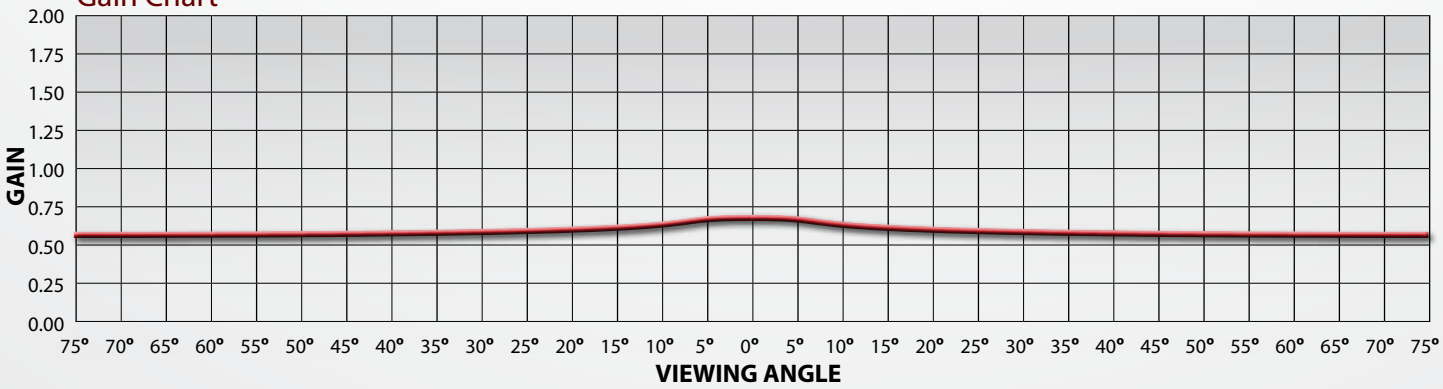
XH700X Grey viewing surface performs best in moderate ambient light when optimal uniformity is desired, and with wide viewing angles (blending images, even on screens with great curvature). XH700X Grey is 4K ready to ensure optimal image performance at the highest resolution and is ISF™ Certified for color accuracy.

Appearance

CIE 1931 xy Chromaticity



Gain Chart



TecVision Engineered Screen Technology surfaces are available on many of our finest permanently tensioned and tab-tensioned screen models. See page 7 for details.

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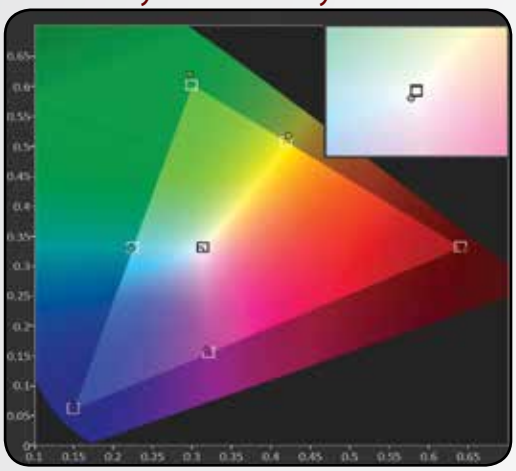
XH900X Grey

Extra Wide Viewing Cone/
High Contrast/On-Axis Gain of 0.9

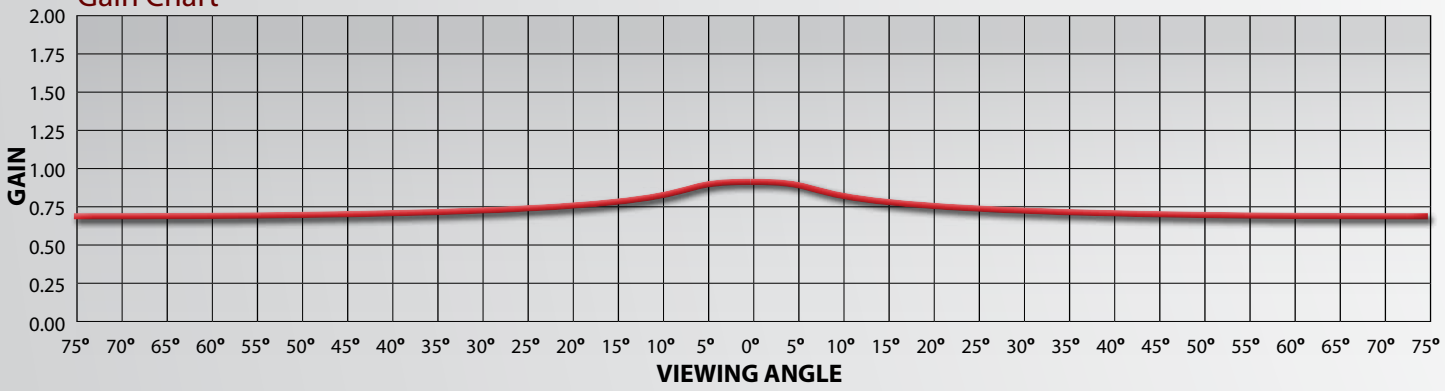
XH900X Grey viewing surface is best for moderate to high ambient light and wide viewing angles. XH900X Grey is 4K ready to ensure optimal image performance at the highest resolution and is ISF™ Certified for color accuracy.

Appearance

CIE 1931 xy Chromaticity



Gain Chart



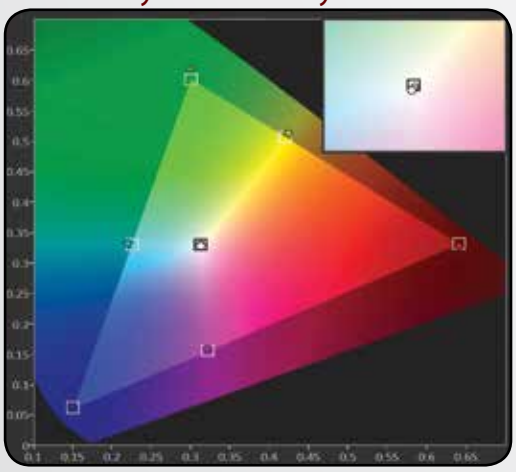
MS1000X Grey

Moderate Viewing Cone/
Superior Contrast/On-Axis Gain of 1.0

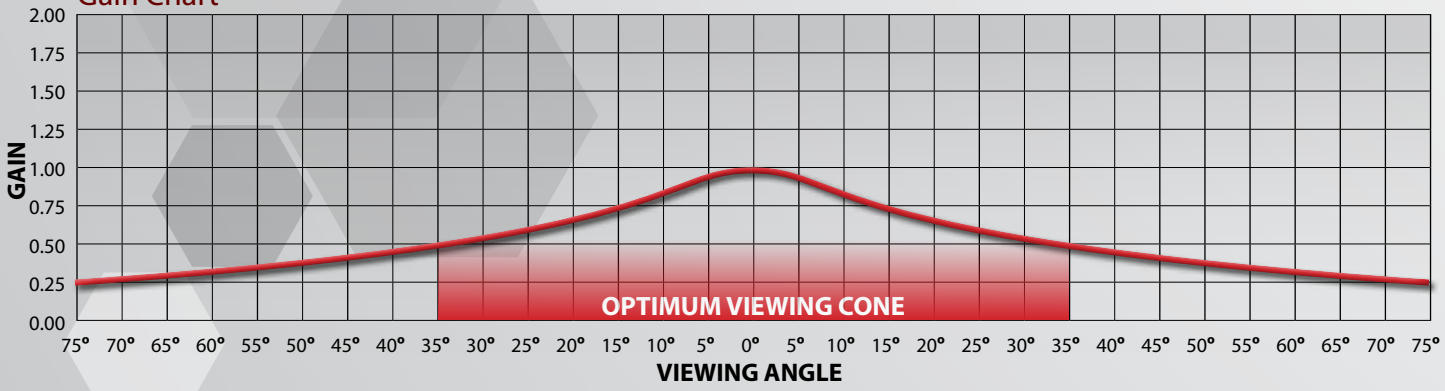
MS1000X Grey is best for high ambient light and moderate viewing angles. MS1000X Grey is 4K ready to ensure optimal image performance at the highest resolution and is ISF™ Certified for color accuracy.

Appearance

CIE 1931 xy Chromaticity



Gain Chart



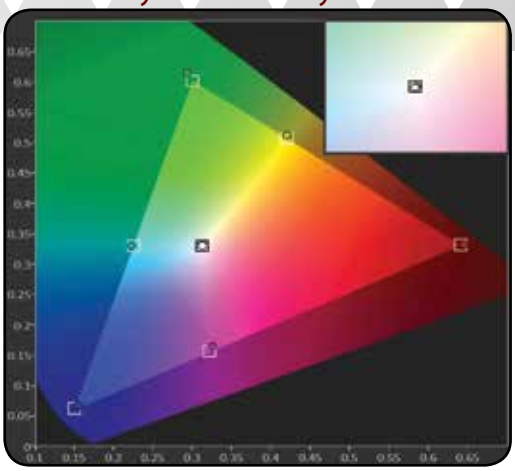
XT1000X White

Extra Wide Viewing Cone/
Typical Contrast/On-Axis Gain of 1.0

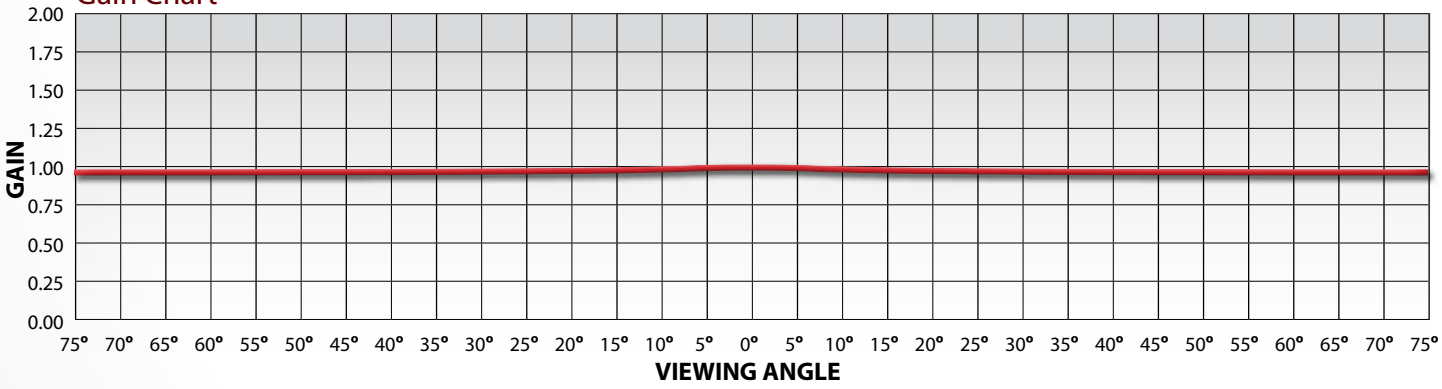
XT1000X White is best in controlled ambient light where optimal uniformity and wide viewing angles are required (screening rooms, home theater and blending applications). XT1000X White is 4K ready to ensure optimal image performance at the highest resolution and is ISF™ Certified for color accuracy.

Appearance

CIE 1931 xy Chromaticity



Gain Chart



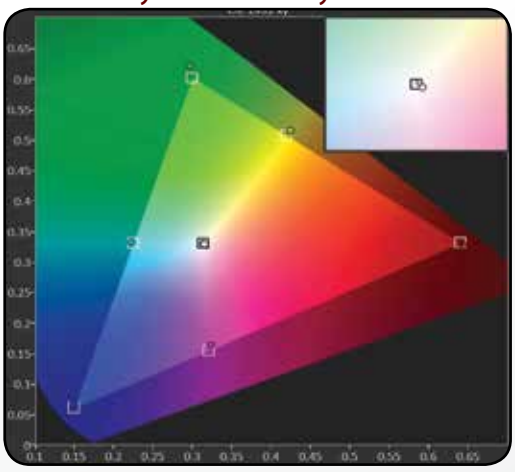
XT1100X White

Extra Wide Viewing Cone/
Typical Contrast/On-Axis Gain of 1.1

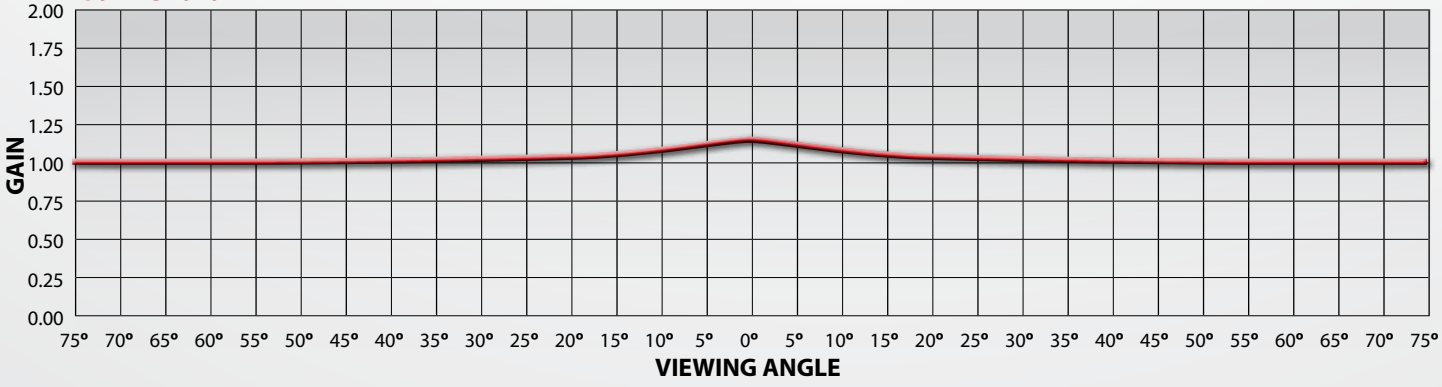
XT1100X White is recommended when projector brightness and screen size dictate the need for a modest increase in brightness. XT1100X White is 4K ready to ensure optimal image performance at the highest resolution and is ISF™ Certified for color accuracy.

Appearance

CIE 1931 xy Chromaticity



Gain Chart



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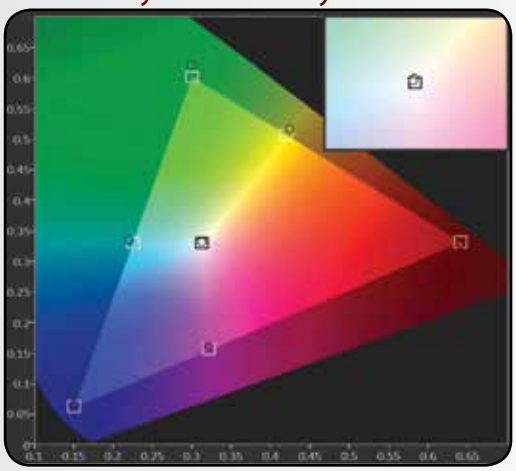
XT1300X White

Extra Wide Viewing Cone/
Typical Contrast/On-Axis Gain of 1.3

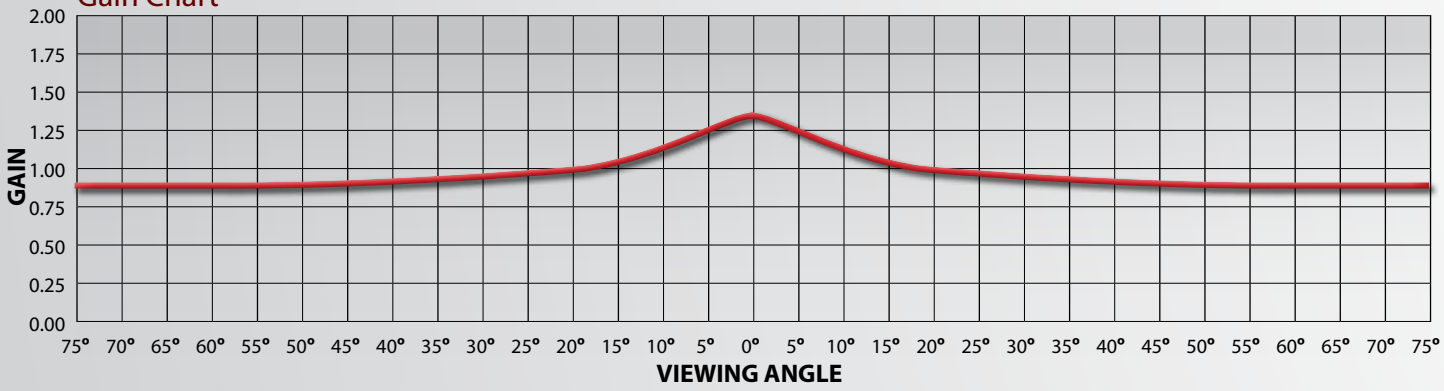
XT1300X White performs best in controlled ambient light and projector brightness is slightly lower than desired. XT1300X White is 4K ready to ensure optimal image performance at the highest resolution and is ISF™ Certified for color accuracy.

Appearance

CIE 1931 xy Chromaticity



Gain Chart



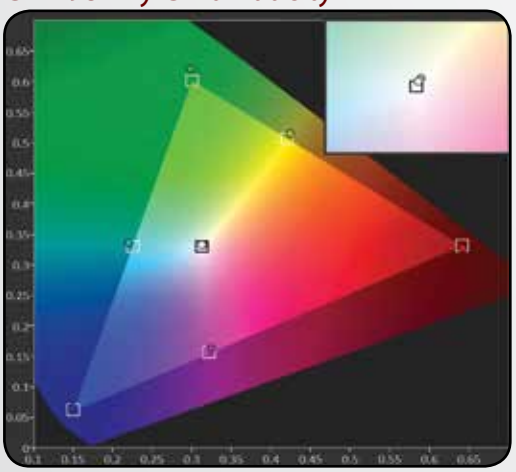
XT1600X White

Extra Wide Viewing Cone/
Typical Contrast/On-Axis Gain of 1.6

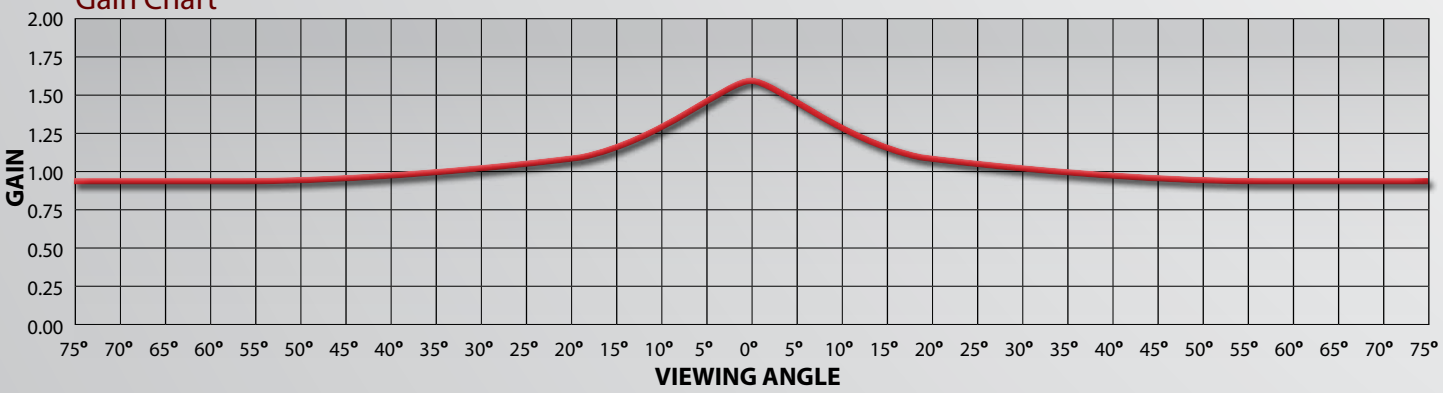
XT1600X White performs best in controlled ambient light and projector brightness is moderately lower than desired. XT1600X White is 4K ready to ensure optimal image performance at the highest resolution and is ISF™ Certified for color accuracy.

Appearance

CIE 1931 xy Chromaticity



Gain Chart



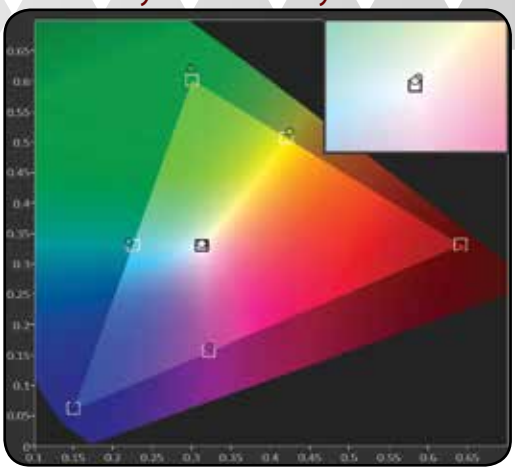
XT1800X White

Extra Wide Viewing Cone/
Typical Contrast/On-Axis Gain of 1.8

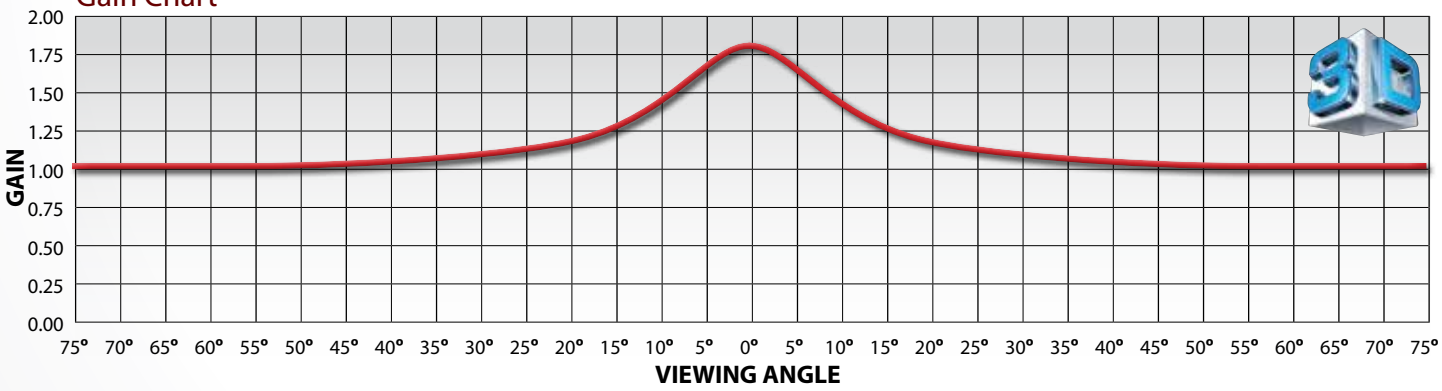
XT1800X White performs best in controlled ambient light and projector brightness is significantly lower than desired. Best suited for Active 3D or color combining 3D systems. XT1800X White is 4K ready to ensure optimal image performance at the highest resolution and is ISF™ Certified for color accuracy.

Appearance

CIE 1931 xy Chromaticity



Gain Chart



TecVision Screen Models

The following Draper projection screen models are available with TecVision Engineered Screen Technology surfaces. Watch for additional model inclusions at ***www.draperinc.com/go/TecVision.htm***

- **Access/Series V**
- **Access FIT/Series V**
- **Access XL/Series V**
- **Access MultiView/Series V**
- **Artisan/Series V**
- **Clarion**
- **Edgeless Clarion**
- **FocalPoint**
- **Lace & Grommet**
- **Onyx**
- **Paragon/Series V**
- **Premier**
- **Premier/Series C**
- **Profile**
- **ShadowBox Clarion**
- **Signature/Series V**
- **Silhouette/Series C**
- **Silhouette/Series V**
- **StageScreen**
- **Truss Cineperm**
- **Ultimate Access/Series V**

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Want to learn more about screen performance in ambient light?

http://www.draperinc.com/go/ScreenAmbientLightWhitePaper.htm

Want to learn more about the importance of color accuracy?

http://www.draperinc.com/go/ISFCertificationWhitePaper.htm

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