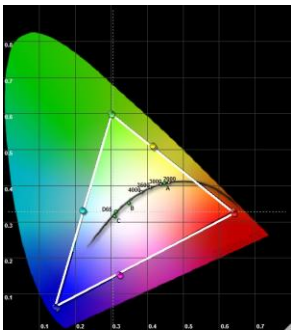
Leading Screen Evolution™



Screen surface technical datasheet

Material tested: Lunar Maestro HD front projection screen material

Testing Conducted on: August 28th, 2008

By: Aaron Reilly
Paul Hernandez

Equipment utilized:
JVC DLA-HD100
Sekonic L-508c
Sencore VP 401
Sencore ColorPro III

General Description:

Lunar Maestro HD is an industry leading sound permeable woven front projection material specially developed for applications with speakers behind the screen and ambient light or brighter projectors. Lunar Maestro preserves color saturation and accuracy in a multitude of challenging environments. The ultra fine woven pattern on Lunar Maestro HD has optimized reflective resolution for 1080p HD projectors with no moiré effects and top of the line audio purity without the need for any electronic equalization. This material is available on Reference edition projection screens.

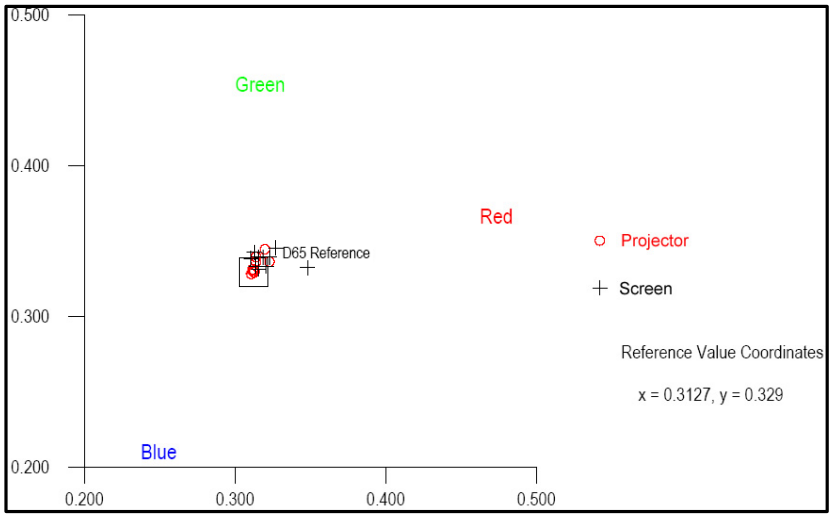
Gain: 0.85

Max screen sizes:

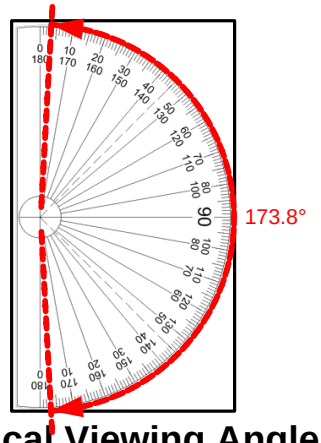
- 2.35:1 - 215" diagonal
- 16:9 -196" diagonal
- 4:3 -160" diagonal

Special thanks to:
JVC The Perfect Experience
SEKONIC®
isf®
SENCORE ColorPro Color Analyzer

Color Shift by xy coordinates

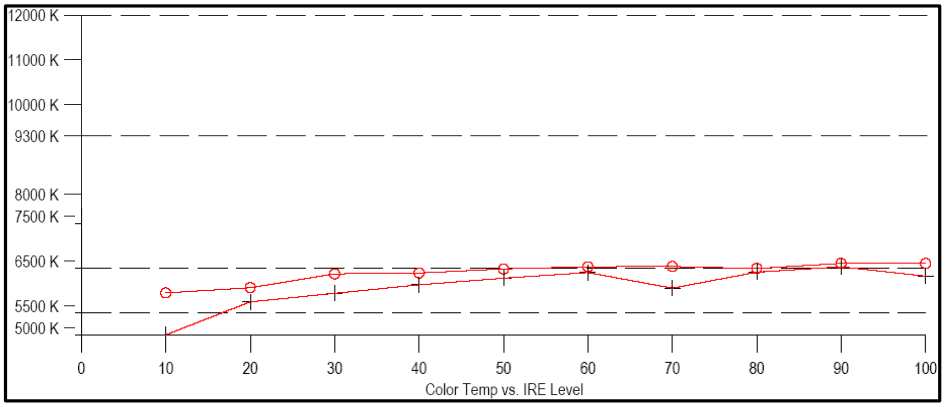


Colorimetry:
Average color neutrality: 96.8%

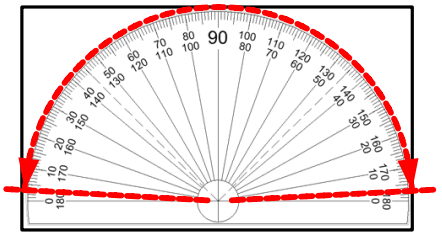


Vertical Viewing Angle

Color shift by Kelvin color temperature

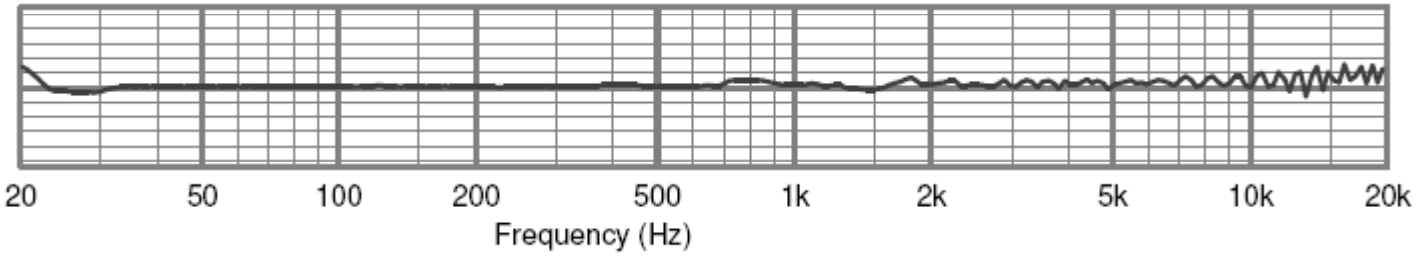


173.8°



Horizontal Viewing Angle

Acoustic Transparency – 1 db steps*



* Acoustic transparency measured in anechoic conditions, averaged from 0 – 60 degrees off axis, with screen 6 inches from speaker.

Conclusion:

Lunar Maestro HD's black level and color saturation enhancement combined with excellent color neutrality, HD resolution, brightness uniformity, and wide viewing angles combine to make it an excellent screen for use with a bright projector in both moderately lit and dark environments.

Lunar Maestro's acoustic characteristics provide industry leading audio clarity with a maximum measured variance of +2 -1 db from 20 to 20k Hz.

Lunar Maestro HD front projection screen material is intended for use in dim to moderately lit environments with bright projectors. It is still helpful to keep room lighting focused away from the screen as this material does not absorb ambient light. Refer to SI's Screen Wizard online for further advice on attaining SMPTE standards in each different situation.