

Screen surface technical datasheet

Material tested: Lunar Gray HD front projection screen material

Testing Conducted on: June 6, 2008

By:

Aaron Reilly
Paul Hernandez

Equipment utilized:

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

General Description:

Lunar Gray HD is a front projection material particularly suited for applications with ambient light and/or brighter projectors. Lunar Gray preserves color saturation and accuracy in a multitude of challenging environments. The ultra fine emboss pattern on Lunar Gray HD optimizes its reflective resolution for 1080p HD projectors. This material is available on Reference and Performance edition projection screens.

Gain: 0.85

Max screen sizes:

- 2.35:1 - 205" diagonal
- 16:9 - 205" diagonal
- 4:3 -168" diagonal

Special thanks to:

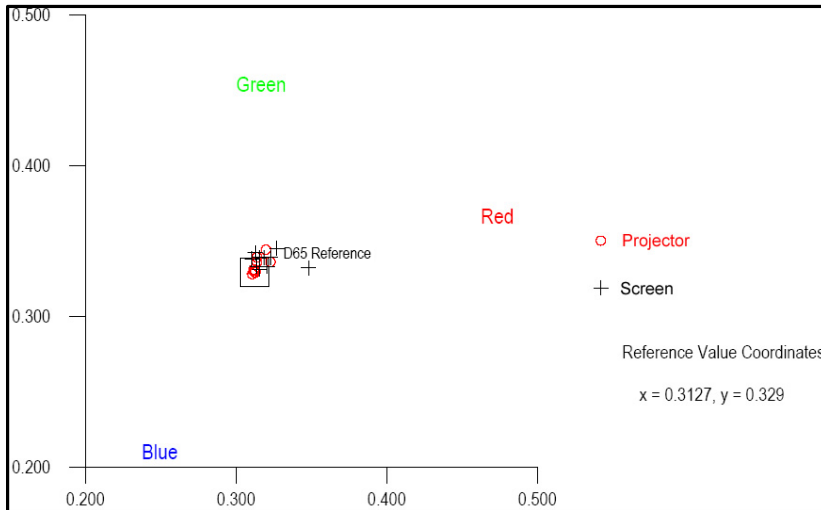


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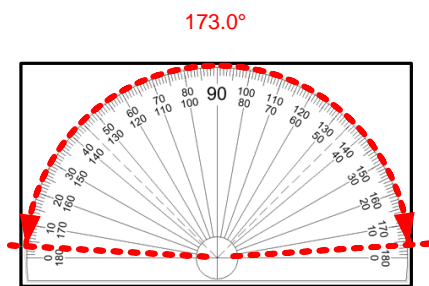
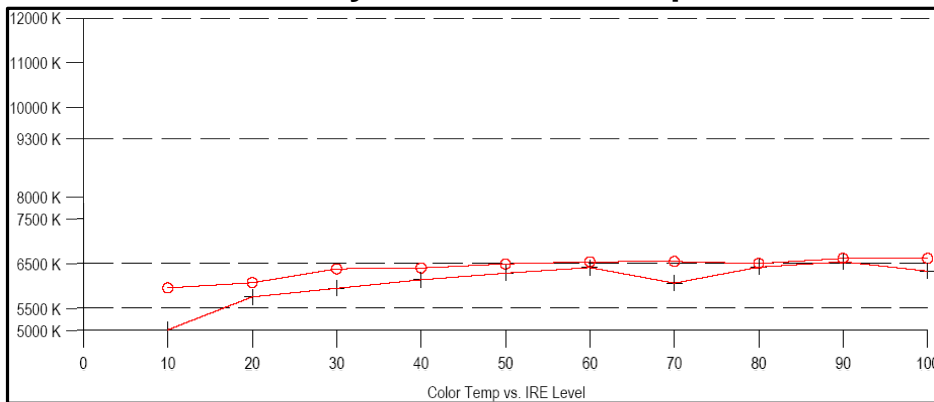
SENCORE
ColorPro
Color Analyzer

Color Shift by xy coordinates

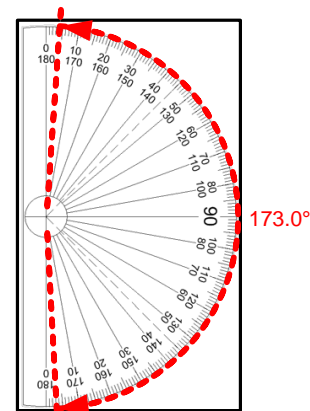


Colorimetry:
Average color neutrality: 97.1%

Color shift by Kelvin color temperature



Horizontal Viewing Angle



Vertical Viewing Angle

Conclusion:

Lunar Gray 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 Gray 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.