

## Screen surface technical datasheet

**Material tested:** Lunar Gray HD front projection screen material

**Testing Conducted on:** June 6, 2008

**By:**

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**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:

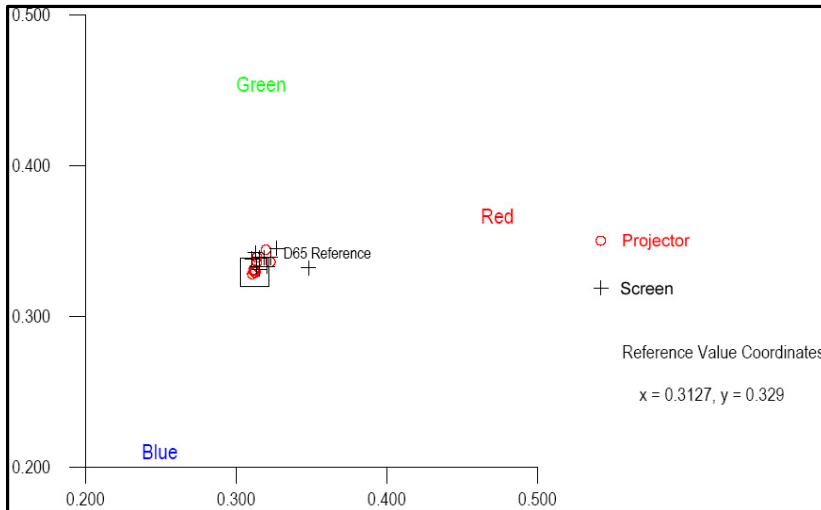


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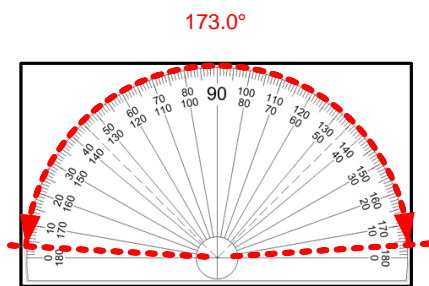
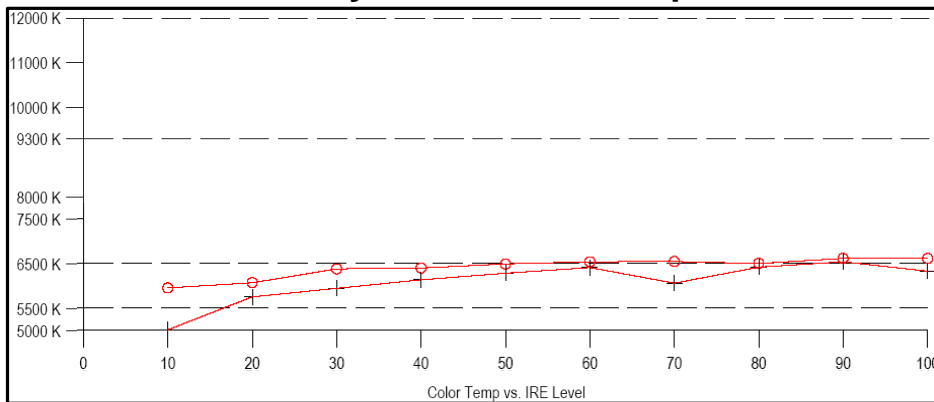
**SENCORE**  
ColorPro  
Color Analyzer

## Color Shift by xy coordinates

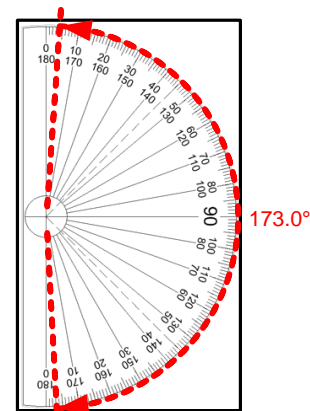


**Colorimetry:**  
Average color neutrality: 97.1%

## 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.