

DEVELOPING STANDARDS AND METRICS FOR PROJECTION SCREENS

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ABSTRACT

Many of the traditional criteria for display systems are considered and tested as a function of the performance of the overall system. This paper reviews the recent work at Da-Lite Screen to develop test procedures for the characterization of the projection screen as an individual component of the system and promote standardization. Criteria tested include; Gain, Viewing Angle, Contrast Ratio, Resolution, Transmission / Reflection, and Color Shift.

BIO

Jason Showell

Jason Showell has a BS in Chemical Engineering from the University of Cincinnati and is currently the Chief Scientist at Da-Lite Screens, a brand of Milestone AV Technologies, in Cincinnati, OH. He and his team are responsible for the development and manufacture of both unsupported polyvinyl film as well as acrylic coatings for projection screens.