Key Specs to Consider
When Purchasing a K-12 DLP® Projector

Challenge

You've decided to purchase DLP® projection technology for your K-12 classrooms based on their lower TCO and performance profile. What key specs should you consider in assessing the options?

Solution

Along with assessing whether your needs call for an interactive, short throw or networkable projector (or one that combines all three), several key specs impact a projector's overall picture quality. These include:

Resolution. Higher resolution delivers a greater degree of image clarity and detail. For most K-12 material, however, ultra-high resolution isn't necessary; exceptions can include specialized science, technology or math classes with high-detail content.

Contrast Ratio. While an important spec for home theater and high-end use, a high contrast ratio is less critical for a typical K-12 classroom, where the projector will be used with some degree of ambient light. For these needs, contrast ratios in the range of 4,000:1 – 10,000:1 will be more than sufficient to deliver a satisfying visual experience.

Brightness. Classroom instructors generally prefer to maintain some lighting during projection to allow for eye contact, interaction and safe movement around the room. Projectors with a mid-range brightness level of 2,500-3,500 lumens are ideal for flexible use in these environments.

Aspect Ratio. Aspect ratio determines an image's shape and positioning on the screen. Most classrooms today use 4:3 VGA aspect ratio. Upgrading to a projection that offers the popular 16:9 WXGA aspect ratio is more suitable since WXGA resolution allows for more content to be displayed on the screen.

What you'll need for this solution:

‣ **A ViewSonic® LightStream® projector with SuperColor™ technology.**

Super COLOR™
True Color Technology