

STOP!

Not All LED fixtures are Created Equal!

Have you considered the facts:

- No two LEDs are exactly the same. They are tested and sorted for color, lumen output and other characteristics in a process called binning. The tighter the bin, the more accurate the color and the more closely matched the output.
- How do you know whether or not each fixture in a batch will be matched in color and output? It's all about binning.
- How do you know whether or not the fixture you buy next year, or three years from now, will match the fixtures you buy today? It depends on the binning!
- Where are all of those loosely binned LEDs going? They're going into inexpensive video walls and lighting fixtures. That's why they're cheap.

If the quality of light is important for your application, ask yourself a few questions before purchasing LEDs:

~ *Can the fixture produce good quality white light?* (Hint: Mixing 5* or more emitters such as **amber**, **lime green**, **cyan**, or **violet** along with standard **red**, **green** and **blue**, will render skin tones, and other colors much more accurately than mixing a few narrow band LED emitters, as is the case of RGB only fixtures!) *ColorSource utilizes 4 colors.

~ *How does a 10-second dimming curve look?* Does it simulate incandescent light as it fades, or is it steppy? Does it snap off at the very low end of the dimming curve?

~ *How will it work with video cameras? Will it cause flicker?* (Hint: Use your smart phone to capture a 5-second video of the light source and play it back.)

~ *How long is the warranty of this fixture?* If the manufacturer is not confident enough in their product to offer a minimum two year warranty, do you want those fixtures in your facility?

Before you spend your hard-earned money, let us help you find the right answers and the right LED solution.



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