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Ocean FX High Speed Applications in Home Lighting



Application Note: Ocean FX High Speed Applications in Home Lighting

Unbeknownst to us, most of the light sources we use for general home illumination have some "flicker" associated with them, due primarily to the AC nature of the current provided for power. While this occurs at rates faster than the typical human eye can see, it can nonetheless have an impact on health, as well as operation of some high-speed devices. The rapid scan rate of the new Ocean FX™ spectrometer enables this flicker to now be evaluated easily and economically in the field. We looked at several everyday light sources with the Ocean FX to see what's happening to their intensity and color in real time.

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