

Links to Technical Articles and Reports on LED Dimming Issues

1. Architectural Lighting – “LEDs: A Deep Dive in Dimming”
https://www.archlighting.com/technology/leds-a-deep-dive-in-dimming_o
2. ERP Power – “The Trailing Edge Dimmer for LED Lighting Control”
<https://www.erp-power.com/the-trailing-edge-dimmer-for-led-lighting-control/>
3. ERP Power – “Why It’s Essential to Consider LED Driver Dimming Performance”
<https://www.erp-power.com/why-its-essential-to-consider-led-driver-dimming-performance/>
4. Lutron – “Lighting Consumer’s Conundrum Dimming LEDs” and “Controlling LEDs”
https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=14&ved=2ahUKEwj_2f2f1KzoAhVGIXIEHW8yBmI4ChAWMAN6BAgFEAE&url=http%3A%2F%2Fnesea.org%2Ffile%2F11429%2Fdownload%3Ftoken%3D6N4TUV75&usg=AOvVaw32PnvzeFvJYaCl5UNeuGW
5. Mississippi State University Extension – “Why Poultry Growers Have Issues Dimming LED Lamps”
<http://extension.msstate.edu/publications/why-poultry-growers-have-issues-dimming-led-lamps>

Additional Technical Articles (Contact Electric Power Research Institute www.epri.com for copies):

1. EPRI PQ News, February 2013 – “**Lamp-Dimmer Topologies and Their Effects on Energy Use and Power Quality**”.
Summary: Designed to Afford Control of the Light Level of a Lamp, Dimmers Range Widely in Topology, Power Consumption and Efficiency, and Their Effects on the Power System.
2. EPRI PQ News, April 2013 – “**Installing Modern Dimmers on Energy-Efficient Lamps**”.
Summary: Electronic Dimmer Circuits Use Semiconductor Devices as a Switch to “Chop” the Waveform of the Applied Voltage and Thereby Reduce the RMS Voltage Applied to the Lamp.