

WHITE PAPER

By Pozeen Lighting University



LED BASICS

Introducing Basics of LED, its Characteristics and
Application

SSL BASICS

- **Using LEDs to Their Best Advantage** [[Download](#)]

Exploration of the unique attributes of LEDs, which may make them the right choice for some applications (4 pages, January 2012)

- **Establishing LED Equivalency** [[Download](#)]

Provides guidance for comparing products based on LED or other light source technologies (2 pages, October 2011)

- **LED Frequently Asked Questions** [[Download](#)]

What retailers, energy efficiency advocates, and consumers need to know to make informed buying decisions (2 pages, May 2011)

SSL PERFORMANCE CHARACTERISTICS

- **SSL Standards and Guidelines** [[Download](#)]

Review of the key performance and safety standards applicable to SSL-based lighting products (2 pages, April 2012)

- **Understanding LM-79 Reports** [[Download](#)]

Discusses typical content of laboratory reports summarizing LM-79 test results for integrated SSL lamps and luminaires (4 pages, March 2012)

- **LED Color Characteristics** [[Download](#)]

Reviews the basics of light and color, and discusses a variety of metrics applicable to LEDs for general illumination (4 pages, January 2012)

- **Light at Night and Human Health** [[Download](#)]

Discussion of potential health implications of light at night (LAN) exposure and how it may affect lighting practice and design (2 pages, January 2010)

- **LED Luminaire Efficacy** [[Download](#)]

Overview of luminaire efficacy and the technical reasons for its applicability to LED-based lighting fixtures (2 pages, September 2009)

- **Lifetime of White LEDs** [[Download](#)]

Overview of lumen depreciation, measurement of LED useful life, and features to look for in evaluating LED products (2 pages, September 2009)

- **Dimming LEDs** [[Download](#)]

Overview of dimming technology and the prospects for dimming LEDs in residential applications (2 pages, February 2008)