

# News

## NATIONAL LIGHTING BUREAU

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**FOR IMMEDIATE RELEASE**

### **New Report: U.S. Achieving Massive Energy Savings from LEDs**

*Shepherdstown, WV* – In 2035, the amount of energy the United States consumes for illumination will be **75% less** than what it otherwise would have been had light-emitting-diode (LED) lighting not entered the market. So says the National Lighting Bureau, citing findings detailed in [\*Energy Savings Forecast of Solid-State Lighting in General Illumination Applications\*](#), a biennial report prepared by the U.S. Department of Energy (DOE). In it, the Bureau reports, DOE predicts that *annual* lighting-energy savings in 2035 will amount to 5.1 quadrillion BTUs (5.1 quads), an amount equivalent to nearly *all* the energy consumed today by *45 million U.S. homes*. The cumulative value of the 2015-2035 lighting-energy savings will amount to \$630 billion, as continually more LEDs are specified for new and existing U.S. installations. In fact, by 2020, various forecasts estimate that LED lighting will be used in about 30% of all U.S. lighting installations and will comprise as much as 80% of lighting sales.

NLB Chair James M. “Jim” Yorgey, P.E., LC, CTS, [Lutron Electronics Company](#)’s technical-applications manager, commented, “The Department of Energy has done an admirable job in spurring the development of LED lighting. Just ten years ago, few people were predicting anything close to the success now being enjoyed. The versatility and quality of LED lighting, its energy efficiency, its controllability, its environmental compatibility, its long life, and continually more attractive pricing have all contributed to LEDs’ growing popularity.”

DOE's *Energy Savings Forecast of Solid-State Lighting in General Illumination Applications* is [available free of charge from the National Lighting Bureau](#).

The National Lighting Bureau is an independent, IRS-recognized, not-for-profit, educational foundation that has served as a trusted lighting-information source since 1976. The Bureau's services are provided to the public free of charge, thanks to the generous funding of the organization's sponsors: professional societies, trade associations, labor unions, manufacturers, and agencies of the U.S. government, including:

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