

Interior lighting: new opportunities for greater energy savings

Lighting accounts for roughly 20% of a typical commercial building's electricity use. Linear fluorescent lamps, such as those found in office building lighting troffers, are the most commonly used light source in indoor applications. New technologies, such as LEDs and lighting controls, can offer energy savings of up to 75% while maintaining or improving lighting quality. These new technologies include long operating life and built-in sensors that interface with building management systems. If the U.S. upgraded all troffer fixtures to meet the minimum performance requirements in the lighting troffer specification developed by the Energy Department's Better Buildings Alliance, organizations and businesses in the U.S. could save more than \$2 billion annually in electricity costs.

Announcing the Interior Lighting Campaign

The Interior Lighting Campaign (ILC) is designed to help facility owners and managers take advantage of savings opportunities from high efficiency interior lighting solutions.

The initial campaign focus will be troffer lighting, with a goal of replacing 100,000 standard troffers with high efficiency troffers by May 2016. The Building Owners and Managers Association International (BOMA), Illuminating Engineering Society of North America (IES), the International Facility Management Association (IFMA), U.S. General Services Administration (GSA), and the U.S. Department of Energy serve on the ILC Organizing Committee.

Who should join

Participants (e.g. site owner, manager, or operator) and Supporters (e.g. utility, energy efficiency organization, ESCO, lighting designer/engineer, lighting manufacturer or distributor or other organizations that support the ILC goals) can [sign up online](#) or by emailing InteriorLighting@pnnl.gov. You can also follow us on Twitter at #IntLtgCampaign.

Benefits of Joining

- ▶ By adopting more efficient troffer lighting, such as systems that meet the Better Buildings Alliance specification for troffers, building owners can save 30-60% on a one-for-one basis, and up to 75% with the use of controls.
- ▶ Resources available from the ILC include specifications, case studies, utility incentive lists, and educational webinars to help building owners make sound lighting decisions.
- ▶ Limited technical assistance from the U.S. Department of Energy is available to site owners and managers who sign up.
- ▶ Sites that join the ILC will be recognized on the ILC web site, and those that show exemplary performance will be eligible for awards.
- ▶ Organizations that don't directly own or operate facilities but that support the goals of the ILC can join as Supporters, and receive recognition for their involvement.

For more information about the Better Buildings Alliance and its activities, email BBA@ee.doe.gov or visit <http://www.eere.energy.gov/BetterBuildingsAlliance>.

