Help Us Promote the Environmental Impact of Lighting & Controls Technologies

Public/Private Partnerships a Critical Component to Promote the Broader Environmental Impact of Lighting & Controls Technologies

I remember when I read Jeff Immelt declare, *"Being green is green."* His point: putting his organization's capabilities, technology leadership and market knowledge to work to take on some of the world's toughest problems would reap financial rewards for the company while making an impact on the environment.

To Jeff's point, the U.S. Department of *Energy (DOE) and industry partners recognized a significant opportunity along similar lines and launched the Interior Lighting Campaign (ILC) in 2015. The ILC is part of DOE's "Better Buildings Initiative," which is working to help U.S.* businesses save money by saving energy.

On average, 20 percent of the annual electricity consumed by commercial buildings in the U.S. can be attributed to lighting.
In these spaces, fluorescent troffers have long dominated the general illumination landscape because of the relatively high efficiency of such luminaires compared to conventional technologies such as incandescent lighting.

With the advent of low-cost, higher efficiency troffer solutions in recent years, up to 70 percent of the cost associated with troffer lighting energy could easily be saved if building owners and managers replaced less efficient lighting troffers with the new higher efficiency troffers available today. Furthermore, because of the improved controllability of these newer lighting solutions, an additional 10 percentage points or more could be saved using advanced lighting controls.

A total of **130 million kWh** and **nearly $13.5 million** have been saved in the first year of the Campaign. Furthermore, *"13 organizations were recognized for exemplary performance in their application of high efficiency interior lighting solutions and controls during the first year of the Campaign with many of these organizations observing energy savings in the 60- to 80-percent range,"* according to Felipe Leon of the Interior Lighting Campaign.

Hubbell Control Solutions and parent Company, Hubbell Lighting, Inc. are both proud supporters of the ILC. Both companies' technologies are similarly contributing to energy savings by enabling better light management and the flexibility to create the beautiful custom lighting solutions their customers crave with the latest products in LED lighting and controls. Specifically, Hubbell is developing products for the commercial setting that blend in naturally with the environment to complement and inspire the space and there are many products in the portfolio that demonstrate how it is overcoming industry challenges.

It's Too Complicated to Retrofit

The LED Zero Plenum Troffer ("LZPT") from Columbia Lighting, recognized this year by the IES Progress Report, is an industry first. It features a patented telescoping method that minimizes installation depth to as little as 3" in low plenum ceilings, making it easier to install than any other product on the market.

Customers in the education, healthcare, retail and commercial industries have been asking Columbia Lighting to provide a LED version of its ZPT, which addresses the issue of restricted plenum spaces without impacting the required distribution of light.

These are examples of technologies that will inspire the creative ambitions of lighting designers and architects, while meeting the strict sustainability goals.

The Price-Point Doesn't Justify the Expense

Prescolite introduced its LiteBox Plus, an extension of the popular LiteBox family earlier this year and essentially removed this argument. LiteBox Plus is an entry-level commercial downlight targeting distributors and contractors who remain price sensitive to using LEDs in general downlighting applications. Jamal Smith, senior product manager commercial downlighting at Hubbell Lighting, said it best in the press release -

"While LEDs have made significant strides in a majority of lighting markets, one area where CFL have historically dominated is non-spec grade commercial applications. With LiteBox Plus, the price and performance attributes of CFL in these applications no longer hold up. Contractors responsible for illuminating corridors, closets and utility areas in schools, hotels or anywhere that calls for general ambient lighting, now have a cost-effective LED option."
CFL has met its last stand.

LEDs Aren't Sophisticated Enough To Do What We Need Them to Do

When it was introduced earlier this year, Kurt Versen's 3" Round and Square LED spoke immediately to the architectural design community by supporting many dimming protocols, providing advanced optical features and traditional upgrades they expected.

We encourage customers that are benefiting from Hubbell Lighting's portfolio of luminaires and Hubbell Control Solutions suite of control technologies to consider joining the ILC as participants.
The ILC provides recognition and guidance designed to help facility owners and managers take advantage of the savings opportunities possible with high efficiency troffer lighting and control systems. Organizations in any industry can join the Campaign either as a Participant or a Supporter.

Participants of the ILC represent building owners and managers who can receive technical assistance with identifying sites where advanced lighting can be incorporated, guidance on properly applying specification guidelines, and access to a variety of lighting technology resources.
By joining the Campaign, Participants are recognized as leaders in supporting the Campaign, selecting high efficiency lighting solutions for their projects, and are eligible to be listed on the ILC website.

Through submitting general project data, Participants may also become eligible for ILC awards, to be presented in 2017 during the Building Owners and Managers Association (BOMA) conference.
Supporters of the ILC represent utilities, energy efficiency organizations, design teams, and industry partners, such as Hubbell Lighting, that support adoption of high efficiency lighting systems and spread the word to their networks about how they can save energy and money by selecting high efficiency interior lighting solutions and be recognized for those efforts by joining the ILC.

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