

All of the dimmed and switched lighting loads are home run to centrally located Crestron lighting modules. The GBCC can now quickly and easily provide backup power to selected lighting loads that will automatically illuminate in the event of a power interruption, eliminating the expense and need for unsightly emergency lights throughout the building.

Energy Management

Beyond aesthetics, Ebli recounts another added benefit of having Crestron lighting control. "In the two years since the East Wing was completed and Crestron CLX dimmers were installed to control all lighting, the Green Bay Community Church has yet to experience a single lamp failure in either the house lighting or stage lighting fixtures."

The Crestron system is constantly monitoring the occupancy sensors so if people vacate the area without shutting off the lights, the system will set the entire wing into unoccupied mode after 90 minutes elapse without motion detected on any sensor in the wing. In this mode, all lighting shuts off and all HVAC is set back, in every room. Since the Crestron PAC2 and the A/V processors are linked together through the LAN, this automatic shutdown also includes a sequenced shutdown of projectors, displays, audio power amplifiers and other controlled devices that may have been left on.

"Think of the savings in electricity, heating fuel and projector bulbs!" concludes Ebli.



Crestron is dedicated to the "green" initiative, providing the most energy efficient and environmentally safe systems on the planet.

As the global leader in advanced control and automation technology for commercial and residential solutions, Crestron develops products and automation solutions that are RoHS compliant and meet ASHRAE and LEED standards.

The American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE) is an international membership organization standards to provide minimum requirements for the energy-efficient design of buildings.

These standards set minimum requirements for the design and construction of new buildings, new portions of buildings, and new systems and equipment in existing buildings. ASHRAE standards apply to several systems and equipment used in conjunction with buildings including HVAC and lighting.

iLux is compliant with Standard 90.1-2004 – Energy Standard for Buildings, and specifically the Mandatory Provisions 9.4.1.1 (b) and (c) regarding the use of an occupant sensor that turns the lights within 30 minutes after leaving the space, and a control system that indicates that an area is unoccupied. iLux also complies with Provision 9.4.1.4, which pertains to the control of display, accent, task and demonstration lighting.

Crestron lighting systems may contribute to LEED certification depending upon system design and implementation.

The U.S. Green Building Council (USGBC) is the nation's foremost coalition of leaders from every sector of the building industry working to promote buildings that are environmentally responsible, profitable and healthy places to work. More than 6,000 member organizations work together to develop a variety of programs and services, including the LEED (Leadership in Energy and Environmental Design) Green Building Rating System®, which applies to new commercial construction, existing building operations and commercial interior projects.

Within the LEED rating systems, building products contribute to achieving LEED points following performance-based requirements. To meet these requirements, practitioners identify products that have specific attributes. iLux is compliant based on the integral motion sensor that provides substantial energy savings. In addition, by using an inexpensive third-party light sensor, iLux enables daylight harvesting with both lighting and drape control.

At Crestron, we believe that we have a responsibility to our community to be good corporate citizens, and to provide the best products and solutions for our dealers.

