

## Eco Office Collaboration

### Acuity Brands Lighting

#### LEED WITH LIGHTING



Artist's concept of new  
Eco Office

Acuity Brands Lighting is proud to be associated with the Eco Office. This state-of-the-art project demonstrates that commercial construction can be resource-efficient, healthy and environmentally sustainable through the wise application of energy, water and waste-reducing features. Here are a few examples of the lighting products ABL donated toward the project, underscoring the advancement of lighting that is environmentally friendly, while providing good visual acuity and a pleasant, productive and safe environment.

#### **RT5™ Volumetric Recessed Lighting -**

This new fixture from Lithonia Lighting is an ideal solution for offices, schools, hospitals, retail and other workspaces. Producing 52 fc on 8'x10' spacing allows the RT5 to consume up to 33% less energy than the standard 18 cell, 3 lamp, T8 parabolic for a lighting power density of only 0.75 watts per square foot. This is 43% less energy than the 90.1-1999 requirement for offices, helping you toward six points under EAc1-Optimizing Energy Performance. Intelligent technology includes stepped switching bi-level output and, for even greater energy savings, end-of-life sensing.



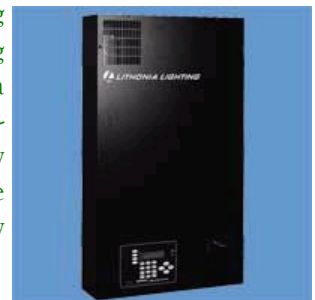
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#### **Synergy® Control Systems -**

A unique lighting control system that integrates all aspects of lighting control into a single system platform. Lithonia Lighting's Synergy combines architectural dimming, low-voltage switching, lighting automation and energy management functions into a single scalable package capable of meeting the requirements of virtually any lighting control application.





**Task Lighting** - When the amount or quality of light provided by general area lighting does not meet needs, adding task lights provides higher luminance levels and improved visibility in specific areas. For example, undercabinet fixtures put light where it's needed on the worksurface, saving energy throughout offices, hospitals, laboratories and kitchens.

**Exit Signs** - The Precise® edge-lit, Signature® die-cast aluminum, Extreme® all-conditions cast aluminum and Quantum® thermoplastic exit sign families provide a broad range of attractive products for many building applications where low energy consumption and longevity are required. LED lighting sources provide bright and even illumination that lasts more than 25 years with energy requirements of as little as 0.62 watts. The high levels of performance of Lithonia Lighting exit signs easily surpass the stringent guidelines that have been set by the EPA and U.S. Department of Energy.



**Downlighting** - Compact fluorescent downlights are ideal for energy-efficient illumination in many applications. Reduced energy consumption coupled with long lamp life reduces energy and maintenance costs. Lithonia Lighting Downlighting products offer exceptional quality, performance, availability, versatility and selection to help you meet your design needs.



**Indoor HID** - The 02454 luminaire from Holophane provides the ideal lighting design element for applications requiring an industrial, retro warehouse, or open loft-look. Since 1937, the 02454 has been the ultimate in low brightness, energy-efficient lighting. The combination of stainless steel rods, cast aluminum husk and ageless prismatic glass create a luminaire that transcends the years. When a realistic industrial/retro look is desired, the Holophane 02454 is the original.

**Occupancy Sensors** - Lithonia Lighting sensor line consists of multiple sensing technologies including Infrared, Ultrasonic and combined Multi-technology offering directional or omni directional sensing. These sensors provide effective coverage for automatic on/off lighting control in indoor applications, immediately switching lights on when movement is detected. After the room is vacated for a preset length of time, the sensor automatically switches lights off.



**Eurotique® Architectural Site and Roadway Lighting**

- Eurotique from Antique Street Lamps offers superior nighttime performance without jeopardizing the architectural integrity of your project. The carefully scaled family approach to design offers you the ability to begin at the building and continue through the parking lot and into the street with design continuity. Multiple fixture and arm styles, along with two different sizes, give you the ability to match virtually any architectural style. The modular design concept of Eurotique offers easy installation and simple lamp and ballast access for maintenance. Eurotique products are available in a Full Cutoff distribution to meet SSc8 - the Light Pollution Reduction credit.



**Direct-Indirect Lighting** - Peerless Lighting designs lighting fixtures that use high efficiency fluorescent lamps and pioneered the concept of indirect lighting - a healthier, more energy-efficient approach to lighting office and educational environments. Recently conducted research on the effects of lamp operating temperatures and performance allowed us to further increase efficiency by ensuring that our luminaires are thermally optimized. We also design HOT5+ products to achieve the lamp manufacturers' peak output rating of 5000 lumens, reducing energy and materials usage, and reducing lamp maintenance and disposal costs.



For more information on LEED lighting requirements, go to [www.acuitybrandslighting.com/sustainability](http://www.acuitybrandslighting.com/sustainability)