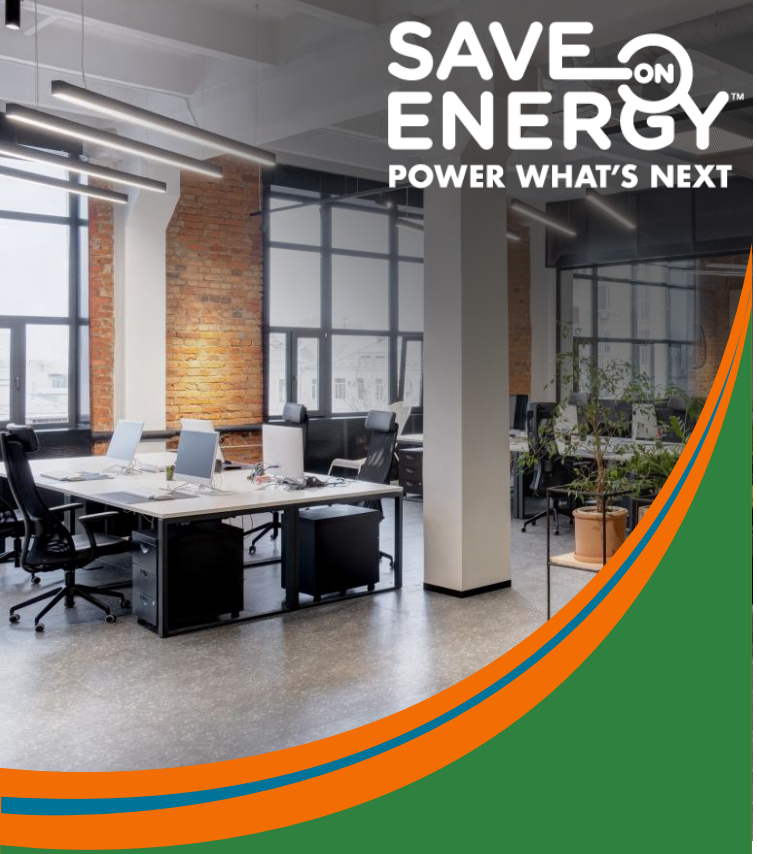

LIGHTING DESIGN & CONTROLS

In addition to operating cost savings, modern lighting designs that take advantage of advances in LEDs and lighting control technologies make spaces brighter, more attractive, safer and more comfortable.

- Increase property value and rent potential while offsetting rent prices with operational savings for occupants.
- Enhance occupant comfort, productivity and security.
- Improve the look and feel of interior spaces.

Source:
Osram-Sylvania case study, University Health Network Toronto General Hospital, https://media.osram.info/media/img/osram-dam-2310025//ENC_Case_Study_Toronto_General_Hospital.pdf

Lighting controls, such as occupancy sensors, daylighting sensors and dimmable lamps and ballasts, enable building managers and occupants to avoid energy waste while automatically adjusting light levels to match the needs of a specific task or space. Many lighting control technologies can be integrated with the energy management or building automation system in larger buildings.

Most building lights currently remain on even during non-working hours.

With lighting controls, lights are automatically turned off when spaces are unoccupied.

Case Study:
R. Fraser Elliot Building

The R. Fraser Elliot Building, a six-story, 175,000 ft^2 mixed use building in Toronto, upgraded its lighting systems with occupancy sensors, photo sensors, dimming ballasts and individual workstation controls. The project reduced lighting energy consumption by 74% and saved $47,000 per year.

The Save on Energy Retrofit program offers incentives for the purchase of new LED fixtures (up to $40), occupancy sensors (up to $30) and photocells and timers (up to $180).

Visit the Save on Energy Retrofit program page to learn more. For more information or to get in touch with a Save on Energy representative in your area, please contact the Retrofit Support Line at 1-844-303-5542, or email retrofit@ieso.ca.