



Creative Arts meets energy smarts.

LANGARA'S INNOVATIVE LIGHTING SOLUTIONS

CHALLENGE

Each year, the creative talent of students in Design Formation, Fine Arts, Professional Photography, and Publishing is showcased in a final Grad Gallery Show. In 2013, organizers hosted the event as the first-ever pop-up show in the main foyer of A Building. The new format presented challenges for how new state-of-the-art, energy-efficient lighting design could be used to facilitate aesthetic lighting requirements for the exhibit, address colour rating needs, and accommodate the varying sizes and angles of each student work.

SOLUTIONS

Langara conducted a full assessment of the existing lighting system. The results helped to inform the new lighting design, which featured new LED track lighting and several retrofits. These installations dramatically improved the lighting in the main foyer and for the pop-up gallery.

RESULTS

The new lighting retrofit resulted in an overall energy savings of 85%, and boasts a 2 to 3-year payback on the installation. The lighting quality for the pop-up gallery was such a success that the Buffalo Lounge and other studios, where student artwork is created and displayed throughout the year, were also retrofitted with new energy-efficient lighting.

SUSTAINABILITY

Langara is committed to sustainability and optimizing energy use on campus as a way to limit greenhouse gas emissions.

Other energy-efficient lighting projects on campus include:

- Retrofitting the main Langara sign with energy-efficient bulbs
- Installing LED lighting to illuminate pathways and improve safety
- Utilizing advanced lighting controls to make the most of daylight

These lighting projects are just one of the ways that we are achieving our energy reduction goal.

In 2009, Langara set the goal of reducing campus energy use of existing buildings by 15% (from 2009/10 levels). Over the last five years, we have implemented numerous energy saving projects and in 2014, we met and exceeded our target.

Learn more.

www.langara.bc.ca/sustainability

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THE COLLEGE OF HIGHER LEARNING.