

## 80+% Energy Savings!

Lumen Solutions worked with Pollard Windows & Doors to develop a strategic lighting design for their 300,000 sq. ft. manufacturing plant, showroom and office spaces. The result, 80+% in energy savings!

The project goal was to not only save energy and maintenance costs, but to also improve overall lighting experiences and safety conditions for employees and customers. Lumen Solutions was able to successfully plan and install a wide-range of lighting upgrades around a busy manufacturing plant, showroom, and office schedules to ensure a smooth uninterrupted business workflow for Pollard Windows & Doors. The project included: replacing older fluorescents with new high-efficient retrofit tubes, exchanging old metal halides with ultra efficient, High Bay LED fixtures, lowering some lights, and installing motion sensors. Special lenses were installed to better distribute light and reduce glare improving employee safety.

The final outcome, massive savings with a payback period in less than 9 months while simultaneously creating a safer and more enjoyable environment for employees and customers.

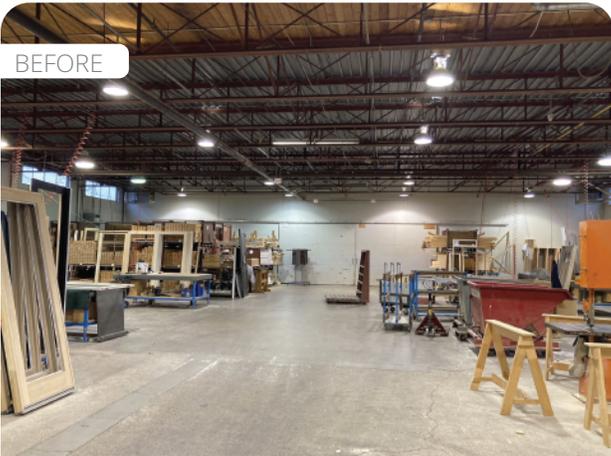


Pollard Windows & Doors is a family-owned and operated Burlington, Ontario business for the past 70+ years. It focuses, on design, development, manufacturing and marketing of windows and doors in both Canada and the United States.



*"Pollard Windows recently undertook a complete LED retrofit of our 300,000+ square-foot facility, multiple adjoining office spaces, and product display centres. The knowledgeable team at Lumen Solutions was invaluable in providing a complete service including: product recommendations/procurement, lighting design, install, arranging recycling/disposal services, and guiding us through the IESO rebate program. The end result was a finished project providing a high return on investment, completed on a tight time-line with minimal disruptions to our day-to-day operations."*

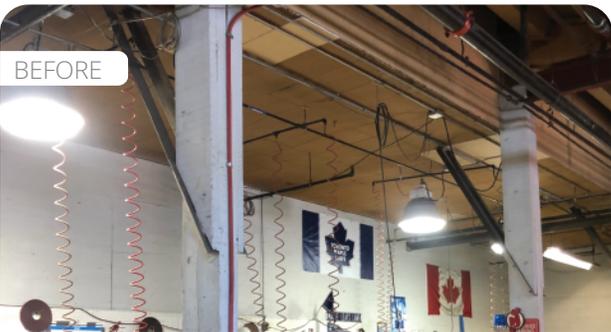
Kyle Triepel, Maintenance Millwright Lead, Pollard Windows & Doors



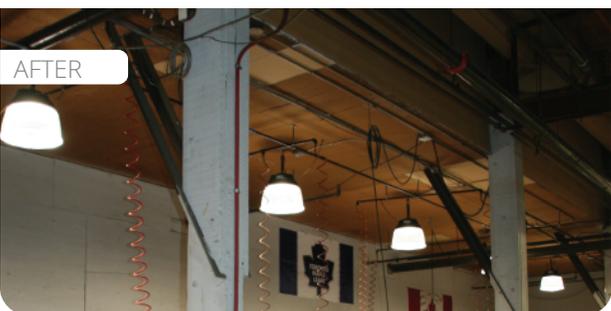
BEFORE



AFTER



BEFORE



AFTER

View Case Study Video:  
[www.lumensolutions.ca/pollard-case-study](http://www.lumensolutions.ca/pollard-case-study)



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