



CASE STUDY

## Metrosphere Light Corp.

Fujifilm Canada Distribution  
 Centre



**56%**  
 Energy Reduction

**192,000 kWh**  
 Annual Savings

**\$32,600**  
 Annual Savings



**Metrosphere Light Corp** in partnership with **Lambert Energy Services** joined together to deliver a lighting retrofit to improve light quality and save energy at **Fujifilm Canada’s Mississauga warehouse**.

**Metrosphere Light Corp** is a full-service LED lighting company which offers you a complete LED product line to quickly improve the efficiency of your building. Compared to traditional lighting options, LEDs are more durable, longer lasting, greener, and can significantly reduce energy costs.

**Lambert Energy Services** is a valuable resource for companies in helping commercial & Industrial clients in choosing and implementing energy related solutions to fit their business, improve the bottom line and improve carbon footprint

**Fujifilm Canada** is working to shrink our carbon footprint and water footprint, use natural resources and packaging materials more efficiently, and minimize waste generation and environmental risk. Together we are contributing to sustainable development by making business decisions that take the environment into account.

### Fujifilm head office and warehouse lighting technology initiative

FUJIFILM Canada Inc. completed the installation of a new warehouse lighting technology which reduced power consumption by 56%. The installation of the new lighting system promises improved energy savings, significant emissions reductions and an enhanced work environment by improving light levels.

Existing lighting at the Fujifilm warehouse included 300 fluorescent fixtures, each containing four (4) F54W T5 linear fluorescent lamps – a total of 1200 lamps.

Fixtures remained in place and the lamps were replaced with 1200 linear LEDs. The rated wattage of the fluorescent lamps was 54 watts per lamp was reduced to 25 watts using the LEDs lamp.

All energy savings were confirmed independently through a monitoring & verification protocol carried out by the energy engineering firm of Star Energy, one of Lambert Smart Energy’s affiliated solutions partners.

**CASE STUDY**    **Fujifilm Canada**  
 Energy Performance

This low-cost solution did not require replacement of fixtures, saved over half of the electricity costs, improved light quality and reduced maintenance. All backed by a 5-year warranty.



*"We had two objectives when we were considering upgrading our warehouse lighting:*

1. Improve the light quality and
2. Reduce our energy costs.

*Working under the guidance and knowledge of John Lambert from **Lambert Smart Energy**, we achieved both objectives using the **Metrosphere** LED bulbs and are very satisfied with the results.*

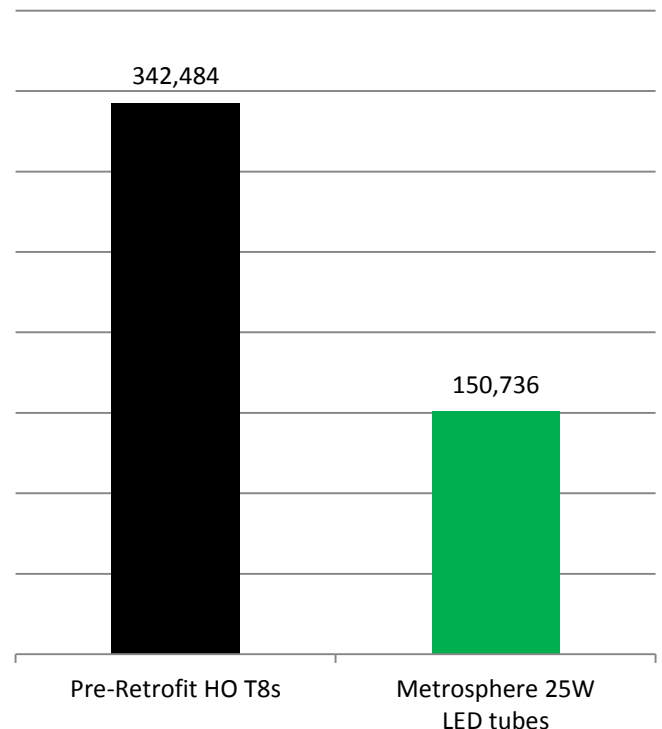
*The installation with Metrosphere went smoothly and they followed up and ensured that the utility rebate (incentive) was delivered expeditiously. I will be moving to Metrosphere supplied LED bulbs in the office now as well based on the early indication of costs savings that we are seeing in the warehouse."*

**Brian Boulanger,**  
**Executive Vice President**  
**Fujifilm Canada**

*"Best of all, I am no longer constantly getting up on a lift, 30 feet in the air to replace burnt out bulbs."*

**Doug Gaughan,**  
**Facility Manager**  
**Fujifilm Canada**

ANNUAL ELECTRICITY SAVINGS (KWH)



For additional information on this project please contact Eli Klein, Metrosphere Light Corporation.  
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