



Square One P5 Parking Structure

ETOBICOKE, ON - **INDOOR LIGHTING** - SEPTEMBER 2018

1200 T5 54w Fluorescent Lamps

1200 T5 25w LED Lamps

LED LIGHTING RETROFIT CASE STUDY





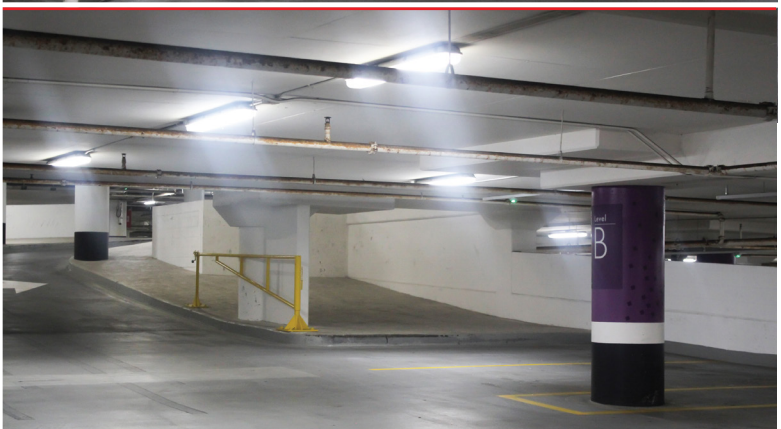
BEFORE 54W T5 Fluorescent Lamps

- yellowing, flickering, humming
- low visibility in pedestrian areas
- Lifetime of 20,000 hours (2.3 years)



AFTER 25W T5 LED Lamps

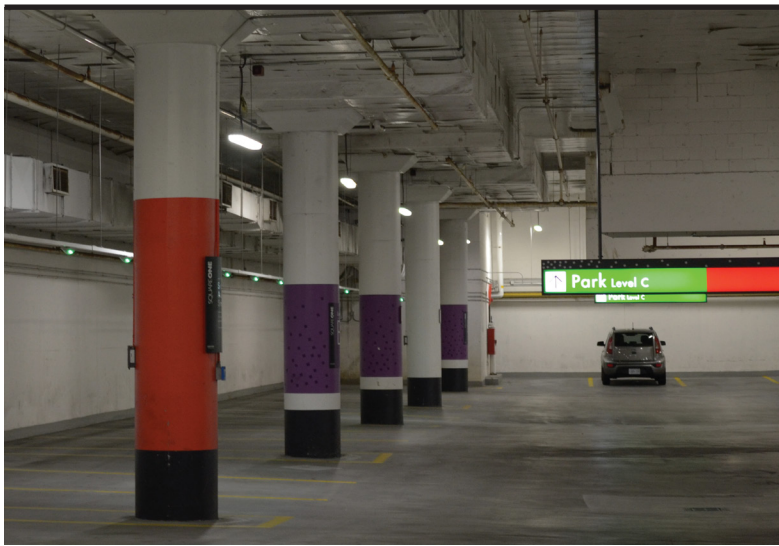
- 4000k white light, flicker/hum free
- Increased visibility, 3200 initial lumens
- Lifetime of 50,000 hours (5.7 years)



BEFORE
54W T5 Fluorescent Lamps

AFTER
25W T5 LED Lamps





58.6%

MONTHLY ENERGY SAVINGS



10.8 Months

PAYBACK (AFTER REBATE)



\$239,633

LIFETIME ENERGY SAVINGS
(50,000 HOUR LIFETIME)

CLIENT ENERGY CONSUMPTION/COST

Before



600 121W Fixtures=

476,982kw/year



15¢/KW=

\$71,547/year

After



600 50W Fixtures=

197,100kw/year



15¢/KW=

\$29,565/year

\$41,982.30/year

A N N U A L S A V I N G S

\$17,040.00

GOVERNMENT UTILITY REBATE

\$7,884.36

ANNUAL MAINTAINENCE COST AVOIDANCE

E: How do you feel about the new retrofits? Do you notice a difference?

Robin: I do notice that it's much brighter in the garage. There are no flickering lights anymore.

E: Would you recommend making the switch to LED lighting retrofits to someone else like you?

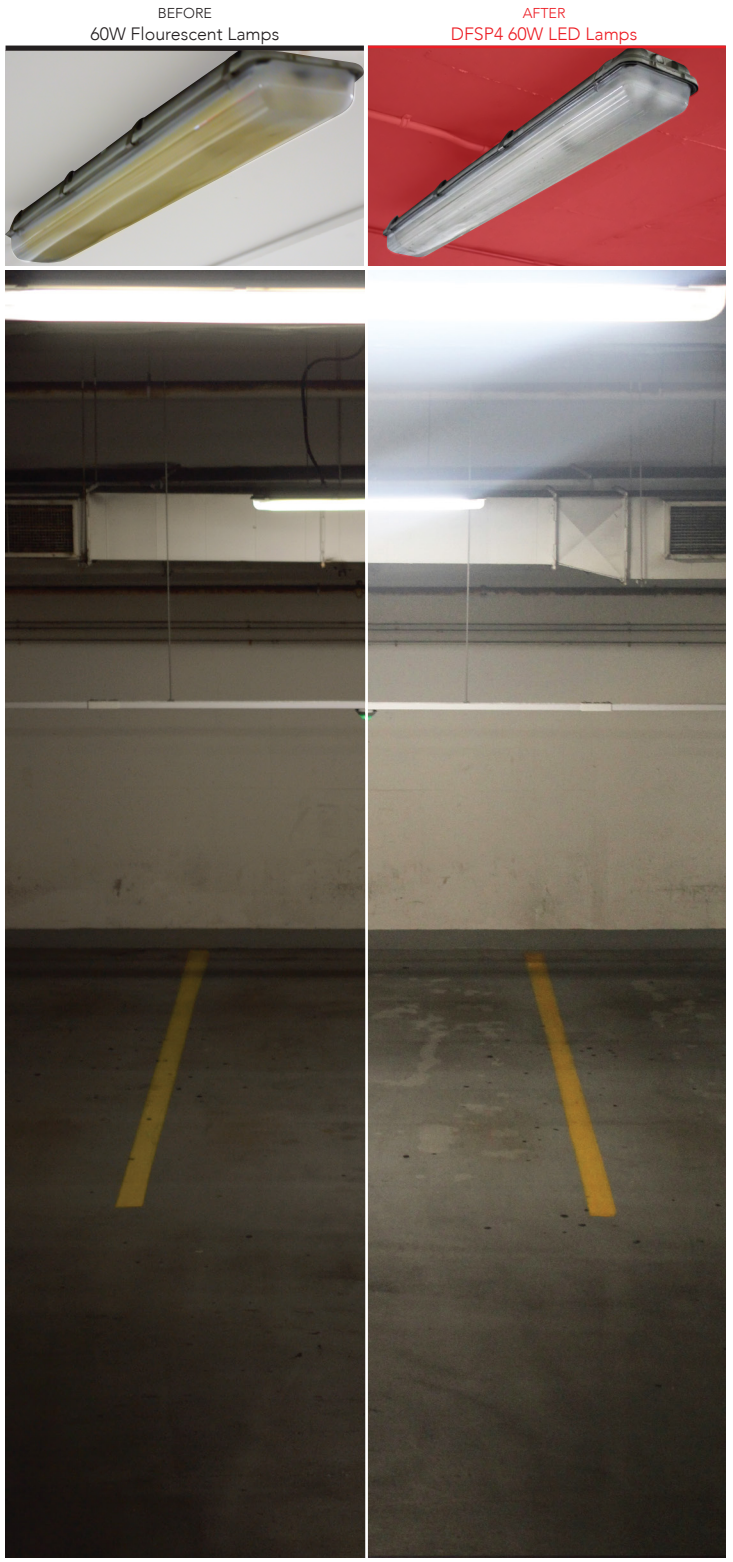
Robin: Yes-the real push to convert to LED is the potential savings in hydro consumption.

E: Do you feel that the long-term savings are worth the investment?

Robin: If the anticipated savings are realized, then we will definitely move forward on the other LED conversions on the property.

E: How was your experience overall with EAMA?

Robin: It's been a good experience working with EAMA. We are very happy with our decision to upgrade the lighting to LED lighting. The lighting is fantastic and the return on investment is even better.



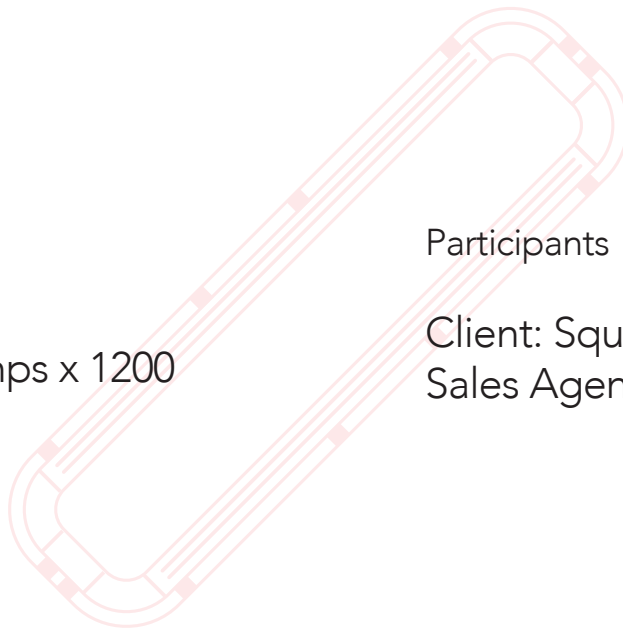
"We are very happy with our decision to upgrade the lighting to LED lighting. The lighting is fantastic and the return on investment is even better."

EAMA Lighting Used

DIRECT FIT
VIVID™ LED T5 Lamps x 1200

Participants

Client: Square One (Robin Stafford)
Sales Agent: Larry Shaw



Visit www.eama.ca or call 416 752 8882 to learn more.





