



## Power Consumption Data (kWh) from power meter

2350 Bridletowne Cir, Toronto

2 Lamp GLL LED Tubes with sensor (Parking Lot)

2016-07-14 12:30	Installed (the meter data is 0kWh, new meter)
2016-07-20 12:00	1.71kWh (1.71kWh-0kWh)
2016-07-29 14:00	3.66kWh (3.66kWh-0kWh)
2016-08-05 14:30	5.14kWh (5.14kWh-0kWh)
2016-08-22 14:00	9.82kWh (9.82kWh-0kWh)
2016-09-09 11:00	14.82kWh (14.82kWh-0kWh)
2016-10-19 13:00	22.62kWh (22.62kWh-0kWh)
Hydro Cost (1kWh=\$0.155)	\$3.50
97days	0.23 kWh/per day

### Conclusion:

The underground parking garage of 2350 Bridletowne Circle is now currently operating with light fixtures of two 4 foot T8 32W fluorescent lamps and they are on 24/7, 365 days a year. On July 14<sup>th</sup>, 2016, Globe LED Lighting Inc. (GLL) retrofitted one sample fixture of two 4 foot T8 GLL dimmable LED tubes with sensor and installed two power meters to show the different energy consumptions between the typical fluorescent lamps and GLL dimmable LED tubes with sensor. After 97 days' examination, the typical light fixture of two 4 foot T8 32W fluorescent lamps is consuming **1.45 KWH** per day on average. Globe LED Lighting Inc.'s dimmable LED tubes with sensor consume only **0.23 KWH** per day on average. Thus, **84%** of energy consumption saving is achieved.

On the 57<sup>th</sup> day of the installation of the sample, the Board and the property manager decided to give us the opportunity to retrofit the entire parking garage fluorescent lamps to our LED tubes with Motion Sensor.