

Why every city in Ontario should install LED street lighting

There are certain things in Canada that are just part of our daily life and the culture of living here. When it comes to forward thinking, economics and common sense are often pretty well connected, and in Canada we're pretty good at it. A good example of this is our currency and the changes in recent years to our coins. Our one dollar and two dollar bills didn't make sense. They cost too much money to produce and they lasted only a short while before they had to be withdrawn for damage. Therefore, the paper bills were replaced with coins. In another example, the penny itself cost more to make than it was worth as a currency.

We are a pragmatic culture when it comes to common sense economics and nothing makes more sense for municipalities than switching out old wasteful, power draining High Pressure Sodium (HPS) light bulb street lighting. Yet many municipalities in Ontario have not switched over to LED street lighting. LED, or Light Emitting Diode(s) are super efficient consuming much less power while generating large maintenance savings.



LEDs are actually high tech semi-conductor devices that emit light when an electric current passes through it. Secure it in a weather-tight enclosure and you have a modern streetlight. Add a sensor to it and you have a smart streetlight. To municipalities it means bottom line savings to tight budgets.

But the advantages are not just power savings generated by

reduced consumption.

- Improved quality of the LED light makes objects clear and sharp, which improves safety and security
- Lighting is focused, eliminating light pollution
- High efficiency long life LEDs means lower maintenance costs, especially when you factor in manufacturer warranties
- Right now, municipalities can take advantage of the large IESO incentives for converting street light so LED to help ease financial concerns
- LED street lights are Dark Sky compliant
- LED street lights reduces a municipality's Carbon Dioxide emissions
- All of the old components can and should be recycled

At EARTH we are very excited about helping municipalities move away from HPS lighting and into efficient, clean and lean LED street lighting. We are Canadian owned and our project dollars stay in Canada.

If you have any questions or comments, or have you our thoughts on this subject, please contact Dale Flynn at 888-304-5558 x 282 or by e-mail.

Learn about EARTH's LED Street Lighting Program [here](#).