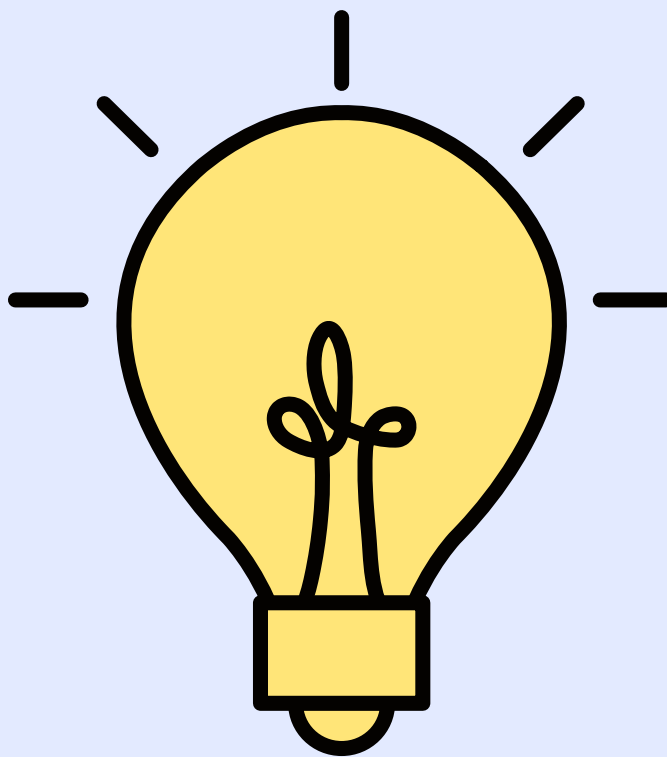


Hamilton Family Health Team

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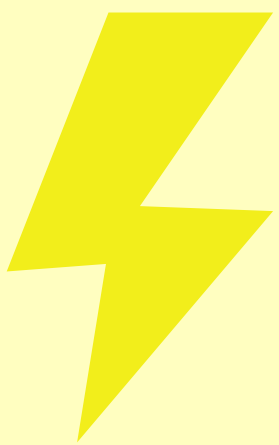
LED Lights



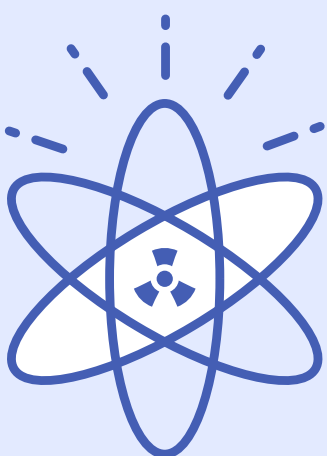
Author: Dr. Meghan Davis B. Eng. MD FCFP

Design: Teniola Ayeni

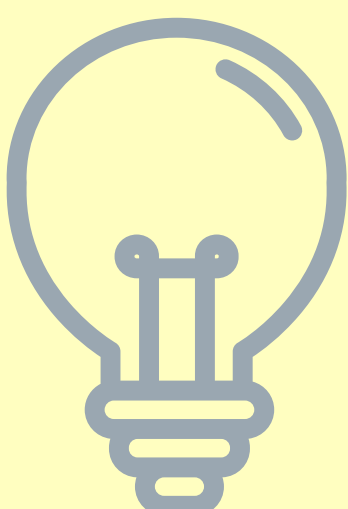
The Problem:



The sources of climate change and air pollution that damage human health are mainly from **energy systems** that burn fossil fuels.¹



The fewer energy-efficient light bulbs we use, the more non-renewable resources we use.²



The Crown Point pilot site used 62 non-LED fluorescent T8 lighting tubes that needed replacement every two years. The Dundas pilot site already uses LED lighting.



HFHT Green Initiative

LED Light bulbs



Solutions:

The Crown Point pilot site sourced the least expensive T8 LEDs at \$7.10 per bulb.



Rebecca Gillet Installing LED Lights

The Crown Point pilot site bought and installed 62 LED bulbs for a total cost of \$424.62. These bulbs last **five years** and use much less electricity!

Contact Joan (Airdrie) Orgel at Electromart

Cell: (905) 979-6917

Email: joan@electromart.net

Web: <https://electromartinc.ca/>

References:

1. [Union of Concerned Scientists: Global Warming FAQ](#)
2. [Energy Saver: How Energy-Efficient Light Bulbs Compare with Traditional Incandescents](#)



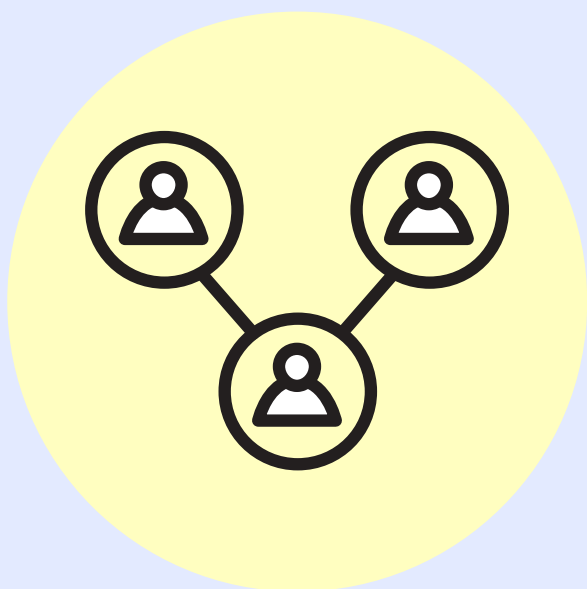
HFHT Green Initiative
LED Light bulbs



Benefits:

Environmental:

By converting to LED bulbs, Crown Point uses over 50% less electricity!



Social:

By converting to LED lights in the office, more of us have changed our light bulbs at home!

Financial:

Converting to LED lights was a **HUGE** financial plus for Crown Point.



We estimate that with the five year life of the LED bulb, as well as the reduced energy bill, our savings over five years will be approximately:

\$6850

Join the HFHT Green Initiative, and access all infographics, videos, and other resources at:

[HFHT Green Initiative Webpage](#)

If you have any questions, please reach out to us: green.team@hamiltonfht.ca