

A Greening Tip from Nancy Harvey and Canon Linda Nixon

Do you know that there are now fluorescent tube replacements that are LED? They are supposed to save at least 40%-50% in energy costs!

Coming soon! The next Save on Energy Deal Days event, takes place April 6 – May 6 2018 at a store near you. saveonenergy.ca

Something to explore – A link to financial incentives for businesses.

<https://www.saveonenergy.ca/Business/Program-Overviews/Lighting-Incentives/Available-Lighting-Incentives/LED-Incentives.aspx>

Shop around. I found them for \$16.95 at Home Depot (under linear lights). I bought PHILIPS InstaFit LED T12 replacement lights. (daylight deluxe)

When you buy a box of 10 the price comes down to more like \$11.00 per bulb.

They are also at Costco for more like \$10.00.

Don't be surprised. I nearly returned them after I took them out of the box. Although they are T12 they have the profile of T8s.

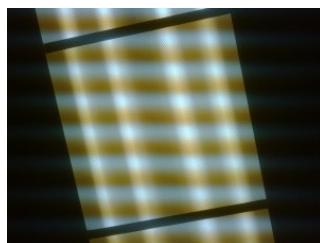
The information says they work with a rapid start magnetic ballast. I wasn't sure how to find out what kind of ballast I had and found this trick on-line. It's crazy but it worked. All you need is your cell phone!

'How can I tell whether I have a magnetic ballast or an electronic ballast?

While commercial test equipment is available for determining whether a magnetic ballast is in place, there is an inexpensive do-it-yourself test that can be done with your cell phone!

Just point your cell phone camera at the lamp, and take a picture. If the image displays dark bands or stripes, your fluorescent lamp is driven by a magnetic ballast. A modern, electronic ballast drives the lamp at a much higher frequency, and a picture of these lamps will be clearly different, without such bands.'

The image below shows a T12 fluorescent lamp with the tell-tale bands generated by a magnetic ballast:



Overview Model # 466664 Store SKU # 1001043400

The Philips LED 34/40W InstantFit 4 ft. (20W = 34W/40W) T12 replacement. Cool White 3000K. T8 shape compatible with T12 fluorescent rapid start magnetic ballast. Instant Fit design. Using only 20 Watts of energy, this is a 40 - 50% savings compared to a 34W/40W linear fluorescent bulb. Mercury free. Non-dimmable. Instant on. Performance is not affected by low temperatures (temperature range -20C to 45C).

- In strip fixtures, this 20 Watt, 2100 lumens, 4000K LED T12 provides equivalent foot candles (useful light) as a 40 Watt, 3250 lumens or a 34 W, 2790 lumens, 4000K fluorescent T12. Actual light output may vary due to fixture and/or application.
- Instant fit design means that no modifications are needed to the current fixture housing instant start ballast, nor rewiring, simply plug it in and use
- Ideal for use in general lighting applications where fluorescent lighting is used, and are perfect for applications with frequent on/off switching cycles like laundry rooms, kitchens, garages, as well as commercial use in offices and hospitals
- Cool white light (4000K)
- Long life - lasts up to 36,000 hours.