

WHERE TO OBTAIN ADDITIONAL LED BULBS

- Purchase from any hardware store.
- Purchase from a store that sells bulbs at a discount due to Xcel rebates.
<https://mn.my.xcelenergy.com/s/residential/home-rebates/home-lighting>
Click on the “Find LED Deals” and enter your Zip Code to find stores near you.
Home Depot, Bulbs and Batteries stores and Welna hardware will accept **fluorescent bulbs for safe disposal**.
- CenterPoint Energy and Xcel Energy customers can sign up for a free Home Energy Squad* **virtual visit**. 651-328-6220 or mncee.org/hes
Subsequently, energy experts adhering to COVID safety protocols can install LEDs and other energy efficiency items in your home. Thanks to a City of Minneapolis contribution, households with an annual income of \$100,000 or less receive Home Energy Squad visits at no cost.



Concerned about polluting the night sky with your outdoor lighting?

The International Dark Sky Association (IDA) has practical guidelines for the switch to LED lightbulbs. See their website at <https://www.darksky.org/our-work/lighting/lighting-for-citizens/led-guide/>

Your email address will only be used by a Holy Trinity church volunteer to answer any questions you may have, and to track the number of light bulbs changed to LEDs. Your email address will not be sold or given away.

Questions or to report LED bulbs installed, email us at 10000LEDBulb@gmail.com



The LED Lightbulb for all Campaign

**Cut pollution of the air we share,
reduce energy use and cost.**

*Holy Trinity Lutheran Church
Caring for Creation Group
2730 East 31st Street
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For the health of our planet, we all need to switch our lighting in our homes to LED bulbs. We've heard this for years, but let's **commit** as a community to actually completing this in 2021. This will reduce our energy use and energy bills.

Our team will help you make the switch with suggestions of where to purchase the LED bulbs, and guide you through the process, helping out where needed.

But we need your help to actually install the LED bulbs.

COST SAVINGS

Residential LEDs -- especially **ENERGY STAR** rated products -- use at least **75% less energy**, and last 25 times longer, than incandescent lighting. One Energy Star LED bulb alone will result in a \$55 savings over the 12 year lifetime of the bulb. **Widespread use of LED lighting has the greatest potential impact on energy savings in the United States.**

If replacing a compact fluorescent bulb, then an LED bulb will use about 40% less energy and last three times as long. Please dispose of any fluorescent bulbs as hazardous waste, and do not put in the garbage. See "Where to buy LED Bulbs" in this brochure for safe fluorescent bulb disposal information.

HOW TO CHOOSE AN LED BULB

When buying an LED bulb, look for the Energy Star label and for three things: **shape**, **brightness** (lumens) and **color** - (a "Kelvin" or "K" number). You may also want other features, like dimmability, 3-way lamp bulbs, and specialty lights.

Match the **shape** to what you have now, including noticing if you have a normal screw in base or a smaller one, like a candelabra base. A-shape (pear shaped)

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Choose a **brightness (lumens)** level based on size of the space to be illuminated and the purpose of the room. Think of how many watts you had in your old lightbulbs and think of lumens now.

Incandescent	LED
Watts	Lumens/Watts
60 Watts	800 lumens/ 8W
75 Watts	1100 lumens/11W
100 Watts	1600 lumens/16W

Choose a **color** based on the mood you want in the room. LEDs labeled "soft white" or about 2700 Kelvin are close to the warmth of a typical incandescent. Use these LEDs in bedrooms, living rooms, etc. If you want a bright, cool light in the bathroom or kitchen or by a specific task, choose a "Day or Cool light" LED or about 5700 Kelvin.



