

WATTWORKS

Energy Efficiency Newsletter

March 2009

In This Issue

[Featured Product - LED Candelabra Bulb](#)

[Those Hot Little Lights Have Met Their Match](#)

[March Seminar Schedule](#)

Quick Links

[Store Location and Directions](#)

[News](#)

[Energy Analysis for Home and Business](#)

[Contact Us](#)



Featured Product



LED Candelabra Bulb

This Candelabra LED Lamp is designed specifically as an energy-saving alternative for traditional candelabra bulbs.

Features:

-Equivalent to a 15W incandescent

If you are like me, you are counting the days till Spring. Mentally planning the placement of vegetables in the garden, longing for days when the sunlight lasts past the time you get home from work - and looking forward to lower heating bills! Well...the good news is Spring is coming and with a little help, so are those lower utility bills. Below is an article about a small light bulb that can make a big impact on your electric usage - the candelabra bulb. Typically we use these bulbs in fixtures that are just accent lighting - but we put a dozen 25W bulbs in each fixture. That's 300W of electricity! Watt Works sells candelabra bulbs that use as little as 1.7W each, and still give that warm, candle-like glow. Read Don's article, ***Those Hot Little Lights Have Met Their Match***, to learn more.

The Watt Works FREE Energy Efficient Seminars are back this month, but with a few changes. The Saturday sessions will now be at 2pm, and we have added a new topic - LED Lighting for Home and Business. We found that our other seminars somehow always lead to us talking about LED lighting so we are dedicating a whole seminar to the topic. You will learn what exactly a light emitting diode (LED) is, why they are better than incandescent and florescent bulbs, see the current products we have available and where we expect the technology to be very soon. We hope you will join us for this and our other seminars. As always, they are free but we do ask that you RSVP so we know how many to expect.

Thanks for your continued interest in energy efficiency. If there is a topic you would like us to discuss in future newsletters, please let me know! You can reach me at 614-458-1162, or by emailing aprilk@wattworks.com.

Happy Spring!
April Kasun, Sales Manager

→ Those Hot Little Lights Have Met Their Match

by Don Hall, President of Watt Works

If you have chandeliers or wall sconces in your home or business, then I suspect you have become quite familiar with changing the small decorative bulbs that often inhabit those fixtures. The flame tip or torpedo shaped bulbs with the small bases are pretty to look at and add a candle-like appearance to the lighting, but the short life, high power, and hot operation make candelabra bulbs a unique irritation.



Until recently, there were only incandescent bulbs that fit the smaller bases and looked "right" in the fixtures designed for these bulbs. That bent-tip flame-shaped 25-watt bulb that looks so nice

- Uses only 1.7W
- Dimmable
- Warm White, 2700K
- Vibration Resistant
- 35,000 Hour Life
- Unique Butterfly-Beam (360° Horizontal & 275° Vertical)
- Exact B10 Shape (flame tip)

Benefits:

- Energy Efficient
- Long Life
- Environmentally Friendly
- RoHS Compliant (no lead)
- Non-Hazardous Waste
- Low Carbon Footprint

Applications:

- Chandeliers
- Wall Sconce
- Carriage Light
- Vanity Light

Available in Clear or Frosted

Price:

Quantities of 1-5:

\$37.95 each

Quantities of 6-12:

\$35.95 each

Quantities of 13+:

\$33.95 each

To purchase, call 614-458-1162, email us at sales@wattworks.com or stop by our showroom at 1078 Goodale Blvd. in Columbus.

Showroom hours are 12-7pm Monday-Friday and 12-5pm on Saturday.

Additional Energy Efficient Products from Watt Works

[LED Lighting](#)

[Cold Cathode Lighting](#)

[Home Power Cost Monitor](#)

[Kill A Watt](#)

[Lexin Heating Panels](#)

in your chandelier runs much hotter, lasts half as long, and costs more than a standard incandescent bulb. The size and appearance requirements, plus having many chandeliers wired to dimmer circuits to provide control of room ambience, and you can see that compact fluorescent bulbs are not the answer.

But now there are choices for your candelabra-based bulbs. Watt Works has cold cathode and LED bulbs that could work for you, if you want low power, cool operation, very long life, nice appearance, warm light, and dimmability.

Cold-cathode lights are available in three power levels, but all are 1/5th the power of the incandescent bulbs they replace. For equal light output to a 15 watt incandescent, the cold cathode uses 3 watts, to equal a 25 watt incandescent the cold cathode uses 5 watts, and to match a 40 watt incandescent there are 8 watt cold cathode bulbs. These have 25,000 hour rated life (33 times as long as most incandescents!), dim from standard dimmer circuits, and produce a warm white light. These will not look exactly like your incandescents, but often they can be a good alternative.

The newest answer to candelabra incandescent bulbs are LED candelabra bulbs. Presently only available in a 15 watt equivalent, these use only 1.7 watts and have a 35,000 hour life rating. Dimmable with most dimmers, and if you operate your higher power incandescents turned-down most of the time anyway these can often replace 25 and 40 watt incandescents as well.

These newer bulb types cost more up front but eliminate so many replacement bulbs and the labor to change them, as well as consuming far less power, that the new bulbs help pay for themselves over time. A 12-bulb chandelier with 25 watt incandescent bulbs and operated 8 hours a day, in one year will use \$87 in electricity and on average use 48 bulbs (2920 hours/year is 4 times the 750 hour rated life, times 12 sockets), and take 24 trips up a ladder to replace two at a time. If you replaced the 12 bulbs with cold cathode bulbs, they would pay for themselves in a little over a year, and then have 8 more years of life left to run. Using LED bulbs, the payback is a little longer, but you will enjoy the benefits for 15 years. Enjoy saving energy, far less maintenance, and nice warm light while they cost you less.

These newer bulbs are ideal to save energy or for those hard-to-reach chandeliers over stairways, and those pretty wall sconces that are so hard to take apart. The new bulbs can keep you off the ladder to change burnt-out bulbs, but they don't help you dust... not yet.

March Seminar Schedule

Watt Works FREE Energy Savings Seminars are back! Each seminar is given Friday at 6pm and repeated Saturday at 2pm:

Friday, March 6th at 6pm and Saturday, March 7th at 2pm:

"Solar Technology and Its Application Today"

Find out how the sun can provide power, heat and even cooling, yet never send you a bill. We will cover the issues, the costs and the tremendous benefits of solar energy in its many forms. Hands-on examples of several systems will be available to see up close.

Geothermal HVAC
Systems

Watt Works is proud to be a Lighting Facts LED Product Partner and to sell Energy Star products.



Friday, March 13th at 6pm and Saturday, March 14th at 2pm:
"Energy Analysis and How It Saves You Money"

We will introduce how to do your own home energy analysis, and when to hire a pro. Learn what your utility bills are telling you. Discover effective ways to save energy and money in your home or business. Do-it-yourself forms will be provided.

A NEW topic this month:

Friday March 20th at 6pm and Saturday March 21st at 2pm:

"LED Lighting for Home and Business"

Learn about light emitting diodes (LEDs) and why they're superior to incandescent and fluorescent lighting. Many improvements in recent years has made LED a realistic alternative for both home and business use. See all the different shapes and sizes available and learn how LED lighting can save you money on energy, replacement and maintenance costs.

Bring your questions and curiosity, all materials will be provided. Come see the latest energy-saving products and leave with ideas you can implement to save energy at home and work. The classes are appropriate for homeowners, businesses, architects and design professionals, students and anyone interested in alternative energy and/or living more efficiently.

RSVP appreciated, but not required. To RSVP, email us at green@wattworks.com or call 614-458-1162. We will continue to rotate these topics throughout the year so if you can't make it this month, you will have the opportunity to attend one in the future. For a current list of seminars and topics, [click here](#).

More information regarding the products mentioned in this newsletter can be found on our website at www.wattworks.com. Products can be purchased online, by phone at 614-458-1162 or in our Columbus store.

**Save
10%**

Save 10% on all in-stock LED and cold cathode candelabra bulbs at Watt Works.

Offer Expires: 3/31/09

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