



ENERGY STAR® Lighting Newsletter

LIGHTING THE WAY TO A BRIGHTER FUTURE

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ENERGY STAR Lighting Webinars This Thursday, December 5

Don't forget to RSVP for the [ENERGY STAR Lighting Update](#) and [Lighting Certification](#) webinars on Thursday, December 5th. The Lighting Update webinar will run from 1-2pm Eastern Time, followed by the Lighting Certification webinar from 2:30-4pm Eastern Time.

The Lighting Update webinar will provide updates on the ENERGY STAR lighting program, specifications, and market trends. The Lighting Certification webinar will give participants the opportunity to have an in-depth discussion about lighting product certification, including a review of the lamps and luminaires specifications, product classification, the Certified Subcomponent Database (CSD) and family groupings.

Please send an email to partnermeeting@energystar.gov by 5pm on Wednesday, December 4th to register for the webinars.

Illuminated: The New ENERGY STAR Lighting Podcast

Take a break from your holiday playlist to listen to the new ENERGY STAR lighting podcast, "Illuminated." The two-part podcast features EPA's Taylor Jantz-Sell, Naomi Miller from PNNL, Noah Horowitz from NRDC, and Mark Voykovic from The Home Depot.

Part 1 provides guidance on how to shop for energy efficient light bulbs, and Part 2 addresses changing attitudes about lighting, a look at what's next, and even more great purchasing tips.



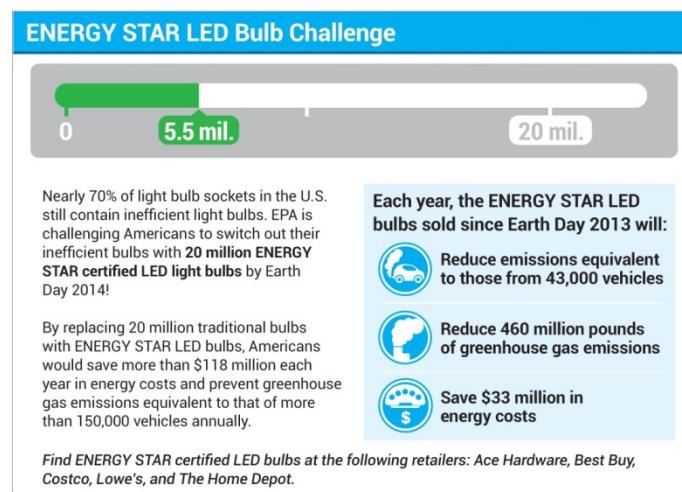
Visit www.energystar.gov/podcasts to listen to "Illuminated" and all of the other great ENERGY STAR podcasts.

ENERGY STAR LED Bulb Challenge Hits Milestone

On Earth Day 2013, EPA launched the ENERGY STAR LED Bulb Challenge, urging all ENERGY STAR partners to work together to sell 20 million ENERGY STAR certified LED bulbs by Earth Day 2014. To date, with the help of our partners, more than 5.5 million bulbs have been sold as part of the challenge.

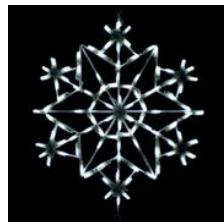
The ENERGY STAR LED bulbs sold since Earth Day 2013 will reduce emissions equivalent to those from 43,000 vehicles and save \$33 million per year in energy costs. Visit www.energystar.gov/lighting to track our progress.

Interested in supporting the challenge? EPA has a new toolkit and resources that you can use to participate, including the new ENERGY STAR Light Bulb Purchasing Guide. Check out our toolkit and the guide at www.energystar.gov/lightingresources.



Holiday Cheer with ENERGY STAR Light Strings

The holiday season is upon us, and so is the opportunity to save even more money on your electricity bill. Say goodbye to those old incandescent strings and use 50% less energy with ENERGY STAR certified decorative light strings.



Retail and energy efficiency program partners around the country are helping consumers switch to ENERGY STAR light strings through trade-in events. For example, the San Gabriel Valley Energy Wise Partnership in California is putting on a series of nine trade-in events. The Home Depot also recently concluded its annual light string trade-in event, providing customers \$3, \$4, and \$5 coupons for LED light strings in exchange for recycling old, less-efficient light strings.

These small steps add up to large savings. Did you know if all decorative light strings sold in the United States were ENERGY STAR certified the energy cost savings would amount to about \$45 million each year and 630 million pounds of annual greenhouse gas emission would be prevented, equivalent to the emissions from nearly 60,000 vehicles?

Decorative light strings' certified data can now be found through the new product finder at www.energystar.gov/dls.

Reminder about Marketing Non-standard Lamps

EPA wants to remind partners that LED lamps certified under the non-standard category of the ENERGY STAR Integral LED Lamps specification have very specific packaging and marketing requirements. All marketing collateral, including online, packaging and printed materials must be consistent with how the bulb was certified. Marketing materials associated with the lamp may not reference ANSI standard lamp shapes or wattages. For all non-standard lamp packaging and marketing requirements, please see the [Integral LED Lamps V1.4 specification](#).

Examples of ENERGY STAR certified lamp packaging and marketing materials found out of compliance should be sent to lighting@energystar.gov. As a reminder, non-standard LED lamps are not eligible under the new Lamps V1.0 specification and may no longer be manufactured as of September 30, 2014.

Philips Makes it Rain ENERGY STAR at Atlanta Hawks Season Opener

Did you ever think you'd see ENERGY STAR falling from the sky? On November 1, 2013 ENERGY STAR made its mark at the season opener of NBA's Atlanta Hawks, thanks to the help of ENERGY STAR partner Philips Lighting Company. Five-hundred game attendees were lucky enough to catch a parachute containing a Do One Thing ENERGY STAR t-shirt and a coupon for \$5 off a Philips ENERGY STAR certified LED bulb at The Home Depot.



Philips also gave away 600 ENERGY STAR certified LED bulbs at the game, and had tent cards on designated tables in the arena with messaging on the benefits of ENERGY STAR certified lighting. This was an excellent collaborative project that we were thrilled to be a part of.

We love working with our partners to promote ENERGY STAR products and hearing about all our partners' great efforts. If you have an ENERGY STAR marketing initiative you'd like to collaborate on or to see featured in a future newsletter, please contact [Christa Beal](#) at ICF International.

The New Product Finders Have Arrived!

Summer 2013 welcomed both the Light Bulbs and Light Fixtures Product Finders and new advanced certified product lists. These tools enable ENERGY STAR partners, energy efficiency program sponsors, and consumers to easily find specific certified products and sort based on features. The tool provides filter options tailored for each product category and allows the user to compare up to four products at one time. An advanced view provides a sortable, list of all

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ENERGY STAR Certified Light Bulbs

Compare Products:

	Commercial Electric - 73B-704	Ace - FLE15/2/R30	EIKO - LEDP-8WPAR20INFL830-DIM	Duracell - LED11035A
ENERGY STAR Partner	The Home Depot	Ace Hardware	EIKO Ltd	Ascent Battery Supply
Bulb Type	Globe Spiral	Covered Reflector	PIR - Parabolic Aluminum Reflector	BR - Bulged Reflector
Base Type	E26 (Medium)	E26 (Medium)	E26 (Medium)	E26 (Medium)
Technology	CFL	CFL	LED	LED
Energy Used (Watts)	23	15	9	13
Bulb Life (hrs)	10000	8000	25000	25000
Brightness (lumens)	1600	720	400	900
Power Factor		0.56	0.73	0.95
Appearance/Correlated Color Temperature (K)	2700	2700	3000	3000
Color Quality (CRI)		84	84	82
Special Features			Dimmable	Dimmable
Warranty (yrs)	7	2	3	5

ENERGY STAR certified products in a given product category with many more filters, such as color temperature, lumens, power factor and warranty. Detailed product information is displayed and can easily be exported to Excel or other formats.

The new database allows for many customizable features, including custom filters and graphs users can save to a personal account or embed on websites to provide real time feeds of certified product data. The full product list is also still available in Excel by clicking the hyperlink in the upper-right corner of the page.

As a reminder, the certified product lists are intended to display products that are currently available in the market. Products that have been certified but are not yet available will not appear on the list but a certification letter from an [EPA-recognized certification body](#) is proof that a product meets an ENERGY STAR specification.

Plentiful ENERGY STAR Options Available as 40W & 60W Incandescent Bulbs Phase Out

The Energy Independence and Security Act of 2007 (EISA) outlined three phases for implementing new standards for screw-based light bulbs. On **January 1, 2014**, the final phase will become effective, requiring 60 and 40 watt bulbs to use about 28% less energy. While some lamps will have to be redesigned to meet this new federal standard, there are plenty of ENERGY STAR certified bulbs already available that save even more energy - 75% - than traditional bulbs and also provide high quality light. Consumers can choose from more than 2,500 ENERGY STAR certified CFLs and nearly 200 LED bulbs to replace all of their 40 and 60 watt incandescent bulbs.

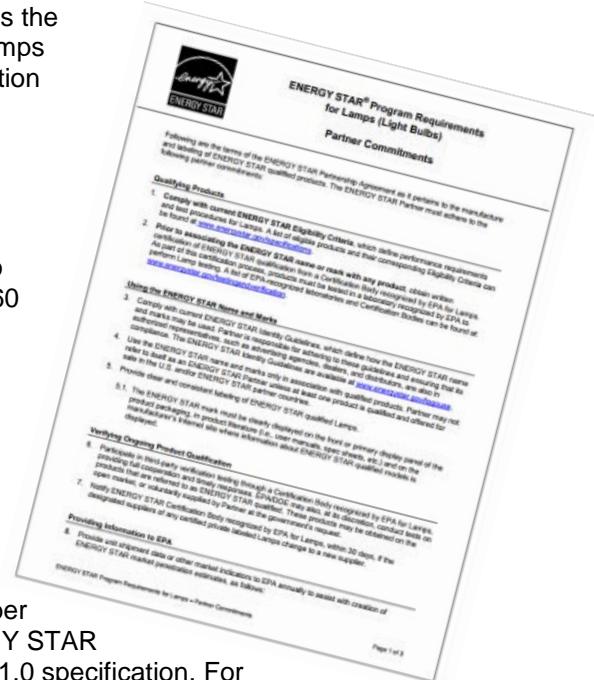
Visit www.energystar.gov/lighting for tools on how to educate consumers on how to choose the right ENERGY STAR certified light bulb and a handy explanation of the legislation.

Lamps V1.0 Final Specification Released

The Lamps V1.0 specification released August 28, 2013, merges the existing Compact Fluorescent Lamps V4.3 and Integral LED Lamps V1.4 specifications to create a new technology neutral specification that achieves the following:

- Balanced new criteria for high quality ENERGY STAR certified lamps
- A broader scope for LED color temperatures
- A higher bar for CFL performance to address barriers to adoption such as a new 10,000 hour minimum lifetime, 60 second reduction in run-up time and more stringent limits for mercury (half the amount in CFL 4.0)
- Reduced testing burden while maintaining performance integrity
- The first set of testing and baseline requirements for dimmable lamps
- A solidified link between intended use, test environment and product labeling

The Lamps V1.0 specification will become effective on September 30, 2014 – meaning all products displayed on the list of ENERGY STAR certified products as of that date will be certified to the Lamps V1.0 specification. For additional information on transitioning products to the Lamps specification, contact an [EPA-recognized certification body](#). Helpful charts on testing for your recertification discussions can be found [here](#).



During the Lamps specification development process, manufacturers, energy efficiency program sponsors, and other stakeholders submitted thoughtful comments and participated in numerous meetings with EPA. A special thank you to all who contributed to this collaborative process! Visit www.energystar.gov/lamps to find a copy of the specification or read stakeholder comments and Agency responses.

Road Mapping Meeting Rescheduled

EPA is pleased to announce that we will be holding an ENERGY STAR Lighting Road Mapping Meeting co-hosted by NEMA on January 30th 2014 at NEMA's headquarters in Arlington, Virginia. Key objectives for this road mapping discussion are:

- Build on 15 years of partnership to foster the future success of the ENERGY STAR program
- Look ahead creatively to the next 5 years with the goal of realizing ENERGY STAR requirements that deliver on consumer expectations for lighting quality and efficiency; and
- Establish pathways to furthering engagement between the EPA's ENERGY STAR program and lighting manufacturers and energy efficiency program sponsors on an ongoing basis.



For any questions about registration, please contact Alex Boesenberg at Alex.Boesenberg@nema.org. We look forward to this special opportunity for collaboration.

Bulk Purchasing Tool Quantity Quotes Re-launches

The Quantity Quotes program has been revived by StopWaste – a local government public agency out of Alameda County, California. Originally operated by the U.S. Department of Energy, the program connects large quantity buyers of energy-efficient and green products with suppliers. Several ENERGY STAR product categories are covered by the program, including light bulbs and fixtures, as well as other green products.



The website is currently available for organizations to purchase energy efficient products in bulk. To register for the updated website, please visit <http://quantityquotes.net>.